

CBP EXPORTS RAIL X12 309 CUSTOMS MANIFEST

November 2024



U.S. Customs and
Border Protection



Table of Changes:

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
3.0.4	10/2022	ISA07	Update to make ZZ required for both CERT & PROD
		ISA08 & GS03	Update identifying codes to USCXP for Production & USCXT for CERT Testing
3.0.3	10/2022	ISA07	Change of ISA07 to add ZZ for Production and the removal of '02' Always in notes
3.0.4	10/2024	ISA05	Added note to N1; Note: Complete party details shall be entered for SH – Shipper, CN – Consignee, and UC – Ultimate Consignee
3.0.5	11/2024	N1	Added 11 code Party to be Billed (AAR Account Rule 11).

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

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
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						999	
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	1		
Not Used	0310	REF	Reference Information	O	10		
Not Used	0320	N3	Party Location	O	2		
Not Used	0330	N4	Geographic Location	O	1		

			LOOP ID - P4		20
M	0400	P4	Port Information	M	1
			LOOP ID - LX		9999
M	0600	LX	Transaction Set Line Number	M	1
	0700	M13	Manifest Amendment Details	O	1
Dep	0800	M11	Manifest Bill of Lading Details	O	1
	0850	N9	Extended Reference Information	O	999
			LOOP ID - N1		25
M	1000	N1	Party Identification	M	1
Dep	1100	N3	Party Location	O	2
	1200	N4	Geographic Location	O	1
Not Used	1230	DTM	Date/Time Reference	O	1
	1250	PER	Administrative Communications Contact	O	1
Not Used	1260	X1	Export License	O	1
Not Used	1270	DMG	Demographic Information	O	1
			LOOP ID - M12		1
Dep	1300	M12	In-bond Identifying Information	O	1
Not Used	1350	R4	Port or Terminal	O	10
			LOOP ID - VID		999
Dep	1500	VID	Conveyance Identification	O	1
	1570	M7	Seal Numbers	O	5
			LOOP ID - N1		999
Not Used	1585	N1	Party Identification	O	1
Not Used	1590	N3	Party Location	O	1
Not Used	1595	N4	Geographic Location	O	1
			LOOP ID - N10		999
Dep	1600	N10	Quantity and Description	O	1
	1620	VC	Motor Vehicle Control	O	999
Not Used	1630	MAN	Marks and Numbers Information	O	999
			LOOP ID - H1		99
	1650	H1	Hazardous Material	O	1
	1660	H2	Additional Hazardous Material Description	O	99
Not Used	1665	PER	Administrative Communications Contact	O	1
M	2000	SE	Transaction Set Trailer	M	1
Must Use	2335	GE	Functional Group Trailer	M	1
Must Use	2670	IEA	Interchange Control Trailer	M	1

Segment: **ISA** Interchange Control Header
Position: 0050
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:

Data Element Summary				
Ref.		Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ISA01	I01	Authorization Information Qualifier Code identifying the type of information in the Authorization Information Always '04' 04 Rail Communications ID	M 1 ID 2/2
M	ISA02	I02	Authorization Information 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 1 AN 10/10
M	ISA03	I03	Security Information Qualifier Code identifying the type of information in the Security Information Always '00' 00 No Security Information Present (No Meaningful Information in I04)	M 1 ID 2/2
M	ISA04	I04	Security Information 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) Always 10 spaces.	M 1 AN 10/10
M	ISA05	I05	Interchange ID Qualifier Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified Always '02' 02 SCAC (Standard Carrier Alpha Code)	M 1 ID 2/2
M	ISA06	I06	Interchange Sender ID 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 1 AN 15/15
M	ISA07	I05	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 1 ID 2/2
M	ISA08	I07	Interchange Receiver ID 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	M 1 AN 15/15
M	ISA09	I08	Interchange Date	M 1 DT 6/6

			Date of the interchange			
			Date as YYMMDD where:			
			DD	Day		
			MM	Month		
			YY	Year		
M	ISA10	I09	Interchange Time		M	1 TM 4/4
			Time of the interchange			
			User Eastern Standard/Daylight Time.			
			Time as HHMM where:			
			HH	Hours		
			MM	Minutes		
M	ISA11	I10	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			
			Preferred 'U'			
			U U.S. EDI Community of ASC X12, TDCC, and UCS			
M	ISA12	I11	Interchange Control Version Number Code		M	1 ID 5/5
			Code specifying the version number of the interchange control segments			
			Always '00701'			
			00701 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2012			
M	ISA13	I12	Interchange Control Number		M	1 N0 9/9
			A control number assigned by the interchange sender			
M	ISA14	I13	Acknowledgment Requested Code		M	1 ID 1/1
			Code indicating sender's request for an interchange acknowledgment			
			Always '0'			
			0 No Interchange Acknowledgment Requested			
M	ISA15	I14	Interchange Usage Indicator Code		M	1 ID 1/1
			Code indicating whether data enclosed by this interchange envelope is test, production or information			
			Preferred 'P'			
			P Production Data			
			T 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			
			Always ':'(colon)			

Segment: GS **Functional Group Header**
Position: 0075
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax Notes:
Semantic Notes:

- 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				
Ref.	Data			
	<u>Des.</u>	<u>Element Name</u>	<u>Attributes</u>	
M	GS01	479 Functional Identifier Code Code identifying a group of application related transaction sets Always 'AQ'	M	1 ID 2/2
		AQ Customs Manifest (309)		
M	GS02	142 Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners Sender Identifier. May be identical to that of ISA06.	M	1 AN 2/15
M	GS03	124 Application Receiver's Code Code identifying party receiving transmission; codes agreed to by trading partners USCXP Production USCXT Testing	M	1 AN 2/15
M	GS04	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Date as CCYYMMDD where: CC Century DD Day of Month MM Month of Year YY Year	M	1 DT 8/8
M	GS05	337 Time 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) Use Eastern Standard/Daylight Time. Time as HHMM where: HH Hours MM Minutes	M	1 TM 4/8
M	GS06	28 Group Control Number Assigned number originated and maintained by the sender	M	1 N0 1/9
M	GS07	455 Responsible Agency Code Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 Always 'X'	M	1 ID 1/2
		X Accredited Standards 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
Always '00701'

00701	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2012
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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
Syntax Notes:
Semantic Notes:

- 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice TransactionSet).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

Data Element Summary				
Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code identifying a Transaction Set Always '309'	M 1 ID 3/3
		309	Customs Manifest	
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9
Not Used	ST03	1705	Implementation Convention Reference	O 1 AN 1/35

Segment:	M10	Manifest Identifying Information
Position:	0200	
Loop:		
Level:		
Usage:	Mandatory	
Max Use:	1	
Purpose:	To transmit manifest identifying information	
Syntax Notes:	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.
	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.
Semantic Notes:	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.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
M	M1001	140 Standard Carrier Alpha Code Code identifying the Standard Carrier Alpha Code SCAC of the Carrier Initiating this manifest	M 1 ID 2/4
M	M1002	91 Transportation Method/Type Code Code specifying the method or type of transportation for the shipment Always 'R' R Rail	M 1 ID 1/2
M	M1003	26 Country Code Code identifying the country ISO 2 alpha Country Code. Country of rail origin for land border crossings. Must be CA, MX, or US	O 1 ID 2/3
Not Used	M1004	597 Vessel Code	X 1 ID 1/8
M	M1005	182 Vessel Name Name of ship as documented in "Lloyd's Register of Ships" Required by CBP. Will contain Train ID of 'TRAIN' for preliminary manifest. All other updates will contain the Train ID as sent in the CBP TS358. -CBP will accept up to 23 alpha/numeric American/English keyboard characters in this element.	O 1 AN 2/28
M	M1006	55 Flight/Voyage Number Identifying designator for the particular flight or voyage on which the cargo travels May contain the Julian date (YYDDD) if a land border crossing. - CBP accepts up to 30 alpha/numeric characters for this element.	M 1 AN 2/30
	M1007	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Unique Carrier number which will be returned from CBP in the response, If not provided, CBP will return '000001' in the response message. Important to note: when this data element is provided, all subsequent transmissions relative to this manifest (i.e. TS309, TS358, or TS353) must include this exact sequence number. -CBP accepts up to 6 numeric characters in this element.	O 1 AN 1/80
Not Used	M1008	380 Quantity Numeric value of quantity	O 1 R 1/15

M	M1009	256	Manifest Type Code Code identifying the type of manifest transmitted	O	1 ID 1/1
			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.		
Not Used	M1010	897	Vessel Code Qualifier	X	1 ID 1/1
Not Used	M1011	1073	Yes/No Condition or Response Code	O	1 ID 1/1
	M1012	127	Reference Identification	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.		
Not Used	M1013	353	Transaction Set Purpose Code	O	1 ID 2/2
M	M1014	346	Application Type Code Code identifying an operation	O	1 ID 2/2
			Values accepted by CBP:		
			28 Rail Export Manifest		
Not Used	M1015	580	Amendment Type Code	X	1 ID 1/1
Not Used	M1016	393	Amendment Code	X	1 ID 2/2
Not Used	M1017	256	Manifest Type Code	O	1 ID 1/1

Segment:	P4 Port Information
Position:	0400
Loop:	P4 Mandatory
Level:	
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit identifying information for a port
Syntax Notes:	
Semantic Notes:	<p>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.</p> <p>2 P402 is the estimated date of departure.</p> <p>3 P403 is used for number of bills of lading.</p> <p>4 P404 is the Facilities Information and Resources Management System (FIRMS) Code.</p> <p>5 P405 is the estimated time of departure for P402.</p> <p>6 P406 is the date conveyance departed prior port.</p> <p>7 P407 is the time conveyance departed prior port.</p>
Notes:	Port of Departure information. CBP only accepts one P4 segment per transaction for RAIL applications.

Data Element Summary					
Ref.	Data				
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	P401	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.		
M	P402	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	O	1 R 1/15
Not Used	P404	310	Location Identifier	O	1 AN 1/30
Not Used	P405	337	Time	O	1 TM 4/8
Not Used	P406	373	Date	O	1 DT 8/8
Not Used	P407	337	Time	O	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		
	<u>Des.</u>	<u>Element Name</u>	<u>Attributes</u>
M	LX01	554 Assigned Number	M 1 N0 1/6
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: M13 Manifest Amendment Details
Position: 0700
Loop: LX Mandatory
Level:
Usage: Optional
Max Use: 1
Purpose: To correct a manifest record prior to conveyance arrival or to amend a manifest record after conveyance departure.

- Syntax Notes:** 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.
- Semantic Notes:** 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	
	<u>Des.</u>	<u>Element Name</u> <u>Attributes</u>
M	M1301	140 Standard Carrier Alpha Code M 1 ID 2/4 Code identifying the Standard Carrier Alpha Code SCAC of Bill Issuer. M1301 + M1304 comprise the unique bill of lading number. - Required by CBP 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 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.
M	M1303	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 Original Quantity
M	M1304	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.

M1305	380	Quantity	O	1 R 1/15
		Numeric value of quantity		
		Quantity if amendment code in M1303 is 'R'.		
		- CBP accepts up to 10 numeric characters in this element.		
M1306	393	Amendment Code	O	1 ID 2/2
		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	Error in manifesting, not laden on this carrier. Laden on subsequent carrier for transportation to United States, per evidence in files.		
	3	Clerical error in manifesting per bill of lading in files		
	4	Pilfered or prematurely landed prior to arrival in United States per signed statement of master or his agent or vessel log extract in our file		
	5	Erroneously duplicated by another bill of lading on the same manifest		
	6	Prematurely landed or overcarried to another United States port where proper disposition was made per evidence in our files		
	7	Inadvertently retained on board and taken foreign per master's or his agent's statement, amended bill of lading, landing certificate, in our files		
	8	Container stripped under Customs supervision; Foreign seals affixed abroad were intact, as per evidence in our files		
	9	Merchandise apparently pilfered on dock while in custody of carrier		
	10	Inadvertently delivered without customs release; Goods will be redelivered intact or duty and taxes will be paid by carrier		
	11	Overage - Omitted from manifest through clerical error		
	12	Overage - Manifested for discharge at another port and inadvertently discharged at this port		
	13	Proper entry filed or place in general order per entry or general order number		
	14	Merchandise inadvertently delivered To Consignee without CBP release. Merchandise will be re-delivered Intact Or liquidated damages will be Paid.		
	15	Merchandise cannot be located and Has apparently been lost. Liquidated damages will be paid.		
	16	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.		
	17	Merchandise removed from original Container and re-stuffed as part of The in-bond movement		

	M1309	140	Standard Carrier Alpha Code Code identifying the Standard Carrier Alpha Code SCAC identifying the carrier's conveyance code Only ANSI X12 syntax validations will be performed on M1309.	M	1	ID 2/4
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	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 transmit bill of lading detail information for a manifest	
Syntax Notes:	<ol style="list-style-type: none"> 1 If either M1103 or M1104 is present, then the other is required. 2 If either M1105 or M1106 is present, then the other is required. 3 If either M1107 or M1108 is present, then the other is required. 4 If either M1111 or M1113 is present, then the other is required. 5 If M1115 is present, then M1114 is required. 6 If M1118 is present, then M1115 is required. 7 If M1119 is present, then M1118 is required. 	
Semantic Notes:	<ol style="list-style-type: none"> 1 M1101 is the unique bill of lading number. 2 M1102 is the Port of Destination. 3 M1103 is used for total number of pieces on a bill of lading using the smallest package unit (maximum eight-digits). 4 M1104 is the smallest package unit code. 5 M1111 is the house bill number for consolidation. 6 M1112 is the unique bill of lading issuer code. 7 M1113 is the issuer code of the consolidated shipment. 8 M1114 is the code of the secondary party nominated to receive bill of lading status notifications. 9 M1115 is the code of the second secondary party nominated to receive bill of lading status notifications. 10 M1118 is the Standard Carrier Alpha Code (SCAC) of an additional second notify carrier. 11 M1120 is the Port of Unloading. 	
Notes:	<ol style="list-style-type: none"> 1. The Unique Bill of Lading number is comprised of the SCAC from M1112 and the issuer sequence number in the M1101. Customs Brokers must obtain this number to file an entry. 2. The segment is not used if M1303 is 'D' or 'R'. 	

Data Element Summary				
Ref.	Data			
	<u>Des.</u>	<u>Element Name</u>	<u>Attributes</u>	
M	M1101	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. 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 Number used.				
- CBP accepts up to 50 alpha/numeric characters in this element.				

M	M1102	310	Location Identifier 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.	M	1 AN 1/30
M	M1103	380	Quantity 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	1 R 1/15
M	M1104	599	Manifest Unit Code Code specifying the smallest package unit for the bill of lading Refer to Export Multimodal Manifest Appendix E for valid	M	1 ID 1/3
M	M1105	81	Weight 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	1 R 1/10
M	M1106	188	Weight Unit Code 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	M	1 ID 1/1
Not Used	M1107	183	Volume	X	1 R 1/8
Not Used	M1108	184	Volume Unit Qualifier	X	1 ID 1/1
M	M1109	582	Bill of Lading Type Code Code identifying the type of bill of lading Required by CBP. Values accepted by CBP: 00 Neither Space Charter nor MasterIn-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. 18 Goods Astray	O	1 ID 2/2
	M1110	600	Place of Receiptby Pre-carrier The city or country in which the pre-carrier took possession of the cargo Required by CBP. A city or country name in which the carrier took possession of the cargo. For export this is a U.S. location.	O	1 AN 1/17
Not Used	M1111	598	Bill of Lading/Waybill Number	X	1 AN 1/50
M	M1112	140	Standard Carrier Alpha Code Code identifying the Standard Carrier Alpha Code SCAC of the Bill Issuer. M1112 + M1101 comprise the unique Bill of Lading identifier. - CBP only accepts 4 characters in this element.	M	1 ID 2/4
Not Used	M1113	140	Standard Carrier Alpha Code	X	1 ID 2/4
Dep	M1114	140	Standard Carrier Alpha Code	X	1 ID 2/4

			Code identifying the Standard Carrier Alpha Code		
			Code identifying the Standard Carrier Alpha Code		
			Designation of a Secondary Notify Party nominated to receive BOL status notifications. (This can either be a SCAC or FIRMS code.)		
			If M1115 is present, then M1114 is required.		
	M1115	140	Standard Carrier Alpha Code	X	1 ID 2/4
			Code identifying the Standard Carrier Alpha Code		
			Designation of a Secondary Notify Party. (This can either be a SCAC or FIRMS code.) If M1115 is present, then M1114 is required.		
Not Used	M1116	1302	Shipper's Export Declaration Requirements	O	1 AN 1/2
Not Used	M1117	1578	Export Exception Code	O	1 ID 2/2
Not Used	M1118	140	Standard Carrier Alpha Code	X	1 ID 2/4
Not Used	M1119	140	Standard Carrier Alpha Code	O	1 ID 2/4
Not Used	M1120	310	Location Identifier	O	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	O	N 1/30
Not Used	M1122	91	Transportation Method/Type Code	O	1 ID 1/2
Not Used	M1123	591	Payment Method Type Code	O	1 ID 3/3
Not Used	M1124	1271	Industry Code	O	1 AN 1/30
Not Used	M1125	309	Location Qualifier	M	1 ID 1/2
Not Used	M1126	284	Service Level Code	O	1 ID 2/2
Not Used	M1127	373	Date	O	1 DT 8/8
Not Used	M1128	1073	Yes/No Condition or Response Code	O	1 ID 1/1

Segment:	N9	Extended Reference Information
Position:	0850	
Loop:	LX	Mandatory
Level:		
Usage:	Optional	
Max Use:	999	
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier	
Syntax Notes:	1	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

<u>Des.</u>	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Element</u>	<u>Name</u>		
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 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Refer to Export Manifest Multimodal Appendix I	X 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	O 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:	1000	
Loop:	N1	Mandatory
Level:		
Usage:	Mandatory	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Notes:	<p>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.</p> <p>2. N103 and N104 are used to identify a Secondary Notify Party or the ABI routing code.</p> <p>Note: Complete party details shall be entered for SH – Shipper, CN – Consignee, and UC – Ultimate Consignee</p>	

Data Element Summary				
Ref.	Data			
	<u>Des.</u>	<u>Element Name</u>	<u>Attributes</u>	
M	N101	98 Entity Identifier Code	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 (Origin Party)	
		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	Destination Carrier	
		DH	Doing Business As	
		DR	Destination Drayman	

DS	Distributor
DT	Destination Terminal
DU	Resale Dealer
DV	Division
DW	Downstream Party
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
II	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
	CBP will map to Shipper
SH	Shipper
	CBP will map to Shipper
SNP	Secondary Notify Party
UC	Ultimate Consignee
11	Party to be Billed (AAR Account Rule 11)

Dep	N102	93	Name	X	1 AN 1/60
			Free-form name		
			- CBP accepts up to 35 alpha/numeric characters in this element. Required if N103 is 'TIN'		
Dep	N103	66	Identification Code Qualifier	X	1 ID 1/2
			Code specifying the system/method of code structure used for Identification Code (67)		
			Required if N101 is SNP. - Should be '2' or '17' if N101 is Secondary Notify Party (SNP)		
			2		Standard Carrier Alpha Code (SCAC) or FIRMS code Used to support CBP requirements for secondary notify party.
			17		Automated Broker Interface (ABI) Routing Code
	N104	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.		
Not Used	N105	706	Entity Relationship Code	O	1 ID 2/2
Not Used	N106	98	Entity Identifier Code	O	1 ID 2/3

Segment: N3 Party Location
Position: 1100
Loop: N1 Optional
Level:
Usage: Optional (Dependent)
Max Use: 2
Purpose: To specify the location of the named party

Syntax Notes:

Semantic Notes:

Notes: 1. N3 is required for all N101 Values except for 'CB' and 'SNP'.

Data Element Summary

Ref.	Data		
	<u>Des.</u>	<u>Element Name</u>	<u>Attributes</u>
M	N301	166 Address Information	M 1 AN 1/55
		Address information	
		Address/contact data.	
		- CBP accepts up to 35 alpha/numeric characters for this element.	
	N302	166 Address Information	O 1 AN 1/55
		Address information	
		-CBP accepts up to 35 alpha/numeric characters for this element	

Segment:	N4 Geographic Location
Position:	1200
Loop:	N1 Optional
Level:	
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present. 2 Only one of N403 or N408 may be present. 3 If N406 is present, then N405 is required. 4 If N407 is present, then N404 is required.
Semantic Notes:	
Notes:	1. N401 is required when N4 segment submitted.

Data Element Summary				
Ref.	Data			
	<u>Des.</u>	<u>Element Name</u>	<u>Attributes</u>	
M	N401	19 City Name Free-form text for city name - CBP accepts up to 19 alpa/numeric characters in this element	O	1 AN 2/30
	N402	156 State or Province Code Code specifying the Standard State/Province as defined by appropriate government agency	X	1 ID 2/2
	N403	116 Postal Code Code specifying international postal zone code excluding punctuation and blanks (zip code for United States) Required if N101 is 'SH','CN','NI','NP' or CI	X	1 ID 3/15
Not Used	N404	26 Country Code Code identifying the country	X	1 ID 2/3
	N405	309 Location Qualifier Code identifying type of location	X	1 ID 1/2
Not Used	N406	310 Location Identifier	O	1 AN 1/30
Not Used	N407	1715 Country Subdivision Code	X	1 ID 1/3
Not Used	N408	1702 Postal Code-Formatted	X	1 AN 3/20

Segment: **PER** Administrative Communications Contact
Position: 1250
Loop: N1 Optional
Usage: Optional
Max Use: 1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:

- 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.

Semantic Notes: When used to convey a telephone or facsimile number, the alpha representation of the number should not be used (i.e., 1-800-BE-ALERT).
Notes: If used, either PER02 or PER03 is required.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named	M	1 ID 2/2
Value accepted by CBP: IC Informational Contact					
Dep	PER02	93	Name Free-form name	O	1 AN 1/60
- Either PER02 or PER03 is required by CBP.					
- CBP accepts up to 23 alpha/numeric characters in this element.					
Dep	PER03	365	Communication NumberQualifier Code identifying the type of communication number	X	1 ID 2/2
Either PER02 or PER03 is required by CBP If either PER03 or PER04 is present, then the other is required					
Values accepted by CBP:					
EM Electronic Mail					
FX Facsimile					
TE Telephone					
Not Used	PER04	364	Communication Number	X	1 AN 1/256
Not Used	PER05	365	Communication Number Qualifier	X	1 ID 2/2
Not Used	PER06	364	Communication Number	X	1 AN 1/256
Not Used	PER07	365	Communication Number Qualifier	X	1 ID 2/2
Not Used	PER08	364	Communication Number	X	1 AN 1/256
Not Used	PER09	443	Contact Inquiry Reference	O	1 AN 1/20

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

Position: 1300

Loop Level: M12 Optional

Usage: Optional

Max Use: 1

Purpose: To transmit in-bond information

Syntax Notes:

1. Only one of M1202 or M1206 may be present.
 2. If M1206 is present, then M1208 is required.
 3. If either M1208 or M1209 is present, then the other is required.
 4. If either M1210 or M1211 is present, then the other is required.
1. M1203 is a four-digit numeric census schedule D when identifying a U.S. port, and a three-digit numeric memorandum D when identifying a Canadian port. It is the port of destination if M1201 is "61". It is the port of export if M1201 is "62" or "63".
2. M1204 is five-digit numeric census schedule K. It is the foreign port of destination if M1201 is "62" or "63".
3. M1207 identifies the carrier to whom liability is transferred.
4. M1212 is the Food and Drug Administration prior notification requirement indicator. A "Y" indicates that the shipper has advised the commodity is subject to the prior notification requirement. An "N" indicates the commodity is not subject to the prior notification requirement. If blank the default value is "N".

Semantic Notes:

This Segment will be used only for reporting the type 69 inbonds on preliminary BILLS submitted for US->Foreign->US shipments.

Data Element Summary

Ref	Data Des.	Data Element	Name	Attributes
M	M1201	581	Customs Entry Type Code Code defining the type of entry assigned by U.S. Customs <i>Values Accepted by CBP Exports</i> 69 Transit USA-Canada-USA	M 1 ID 2/3
M	M1202	601	Customs Entry Number Automated Commercial Environment Code Furnished by U.S. Customs Service <i>Either M1202 or M1206 must be provided. - CBP accepts 11 alpha/numeric characters in this element.</i>	X 1 AN 1/15
M	M1203	310	Location Identifier Code which identifies a specific location Required by CBP. U.S. port of in-bond destination. Refer to Census Schedule D CAMIR Appendix E for valid codes. CBP only accepts 4 numeric characters in this element.	O 1 ID 1/30
Not Used	M1204	310	Location Identifier Code which identifies a specific location	O 1 ID 1/30
M	M1205	602	Customs Shipment Value Customs value in whole dollars Required by CBP. Value must be greater than zero. Twenty dollars US\$ (20) per kilo may be used if the value is unknown. No decimals. - CBP accepts 8 numeric characters in this element	O 1 AN 2/8
M	M1206	603	In-bond Control Number Currently assigned control number for in-bond movement	X 1 AN 1/25

			Either M1202 or M1206 must be provided. If M1206 is present, then M1208 is required. - CBP only accepts 9 numeric characters in this element		
Not Used	M1207	140	Standard Carrier Alpha Code	O	1 ID 2/4
Dep	M1208	128	Reference Identification Qualifier	X	1 ID 2/3
			Code qualifying the Reference Identification		
			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		
Dep	M1209	127	Reference Information	X	1 AN 1/50
			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. Values accepted by CBP are: NN-NNNNNNNXX Internal Revenue Service (IRS) Number YYDDPP-NNNNN CBP Assigned Number If either M1208 or M1209 is present, then the other is required. - 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	O	1 AN 1/30

Segment:	VID Conveyance Identification
Position:	1500
Loop:	VID Optional (Dependent)
Level:	
Usage:	Optional (Dependent)
Max Use:	1
Purpose:	To identify a conveyance and its attributes
Syntax Notes:	<ol style="list-style-type: none"> 1 If VID14 is present, then at least one of VID15 or VID18 is required. 2 Only one of VID15 or VID18 may be present. 3 If VID15 is present, then VID16 is required. 4 If VID16 is present, then at least one of VID15 or VID18 is required. 5 If VID18 is present, then VID16 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 VID12 is the Census Schedule K code for the foreign port of loading on a vessel. 2 VID13 is the Standard Carrier Alpha Code (SCAC) of the Haulage Rights Carrier. 3 VID14 is the license plate of the equipment. 4 VID15 is the state or province of the license in the VID14. 5 VID16 is the country of the license in the VID15 or VID18. 6 VID17 is the ACE (Automated Commercial Environment) ID of the equipment identified in the VID03. 7 VID18 is the country subdivision of the license in the VID14.
Notes:	<ol style="list-style-type: none"> 1. [REDACTED] 2. [REDACTED] 3. [REDACTED] 4. [REDACTED]

Data Element Summary

Ref.	Data				
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	VID01	40	Equipment Description Code	M	1 ID 2/2
			Code identifying type of equipment used for shipment Refer to the Export Multi Modal Manifest Appendix F		
M	VID02	206	Equipment Initial	O	1 AN 1/4
			Prefix or alphabetic part of an equipment unit's identifying 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) - CBP requires a minimum of 1 character and a maximum of 10 characters when VID02 is used. A maximum of 14 characters is allowed if VID02 is not used.		
Dep	VID04	225	Seal Number	O	1 AN 2/15
			Unique number on seal used to close a shipment - A valid exporter/carrier seal number associated with this shipment. If a seal number is present, it must be provided. Cannot include special characters (' ' or ' / ', etc.). - Required by CBP for rail usage if seals are applied. - CBP accepts a minimum of 2 non-blank characters and up to 15 alpha/numeric characters in this element		
	VID05	225	Seal Number	O	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.		

Not Used	VID06	567	Equipment Length	O	1	N0 4/5
Not Used	VID07	65	Height	O	1	R 1/8
Not Used	VID08	189	Width	O	1	R 1/8
	VID09	24	Equipment Type Code Code identifying equipment type Refer to the Export Multimodal Manifest Appendix M	O	1	ID 4/4
	VID10	322	Load/Empty Status Code Code specifying the loaded condition of transportation equipment This field is required when M1109 is a code for Empty Equipment. Other values accepted by CBP are: E Empty U.S. Railroads use only this code L Loaded	O	1	ID 1/1
Not Used	VID11	56	Type of Service Code	O	1	ID 2/2
Not Used	VID12	310	Location Identifier	O	1	AN 1/30
Not Used	VID13	140	Standard Carrier Alpha Code	O	1	ID 2/4
Not Used	VID14	127	Reference Identification	O	1	AN 1/80
Not Used	VID15	156	State or Province Code	X	1	ID 2/2
Not Used	VID16	26	Country Code	X	1	ID 2/3
Not Used	VID17	127	Reference Identification	O	1	AN 1/80
Not Used	VID18	1715	Country Subdivision Code	X	1	ID 1/3
Not Used	VID19	512	Import/Export Code	O	1	ID 1/1
Not Used	VID20	761	Equipment Number Check Digit	O	1	N0 1/1

Segment: **M7** SealNumbers
Position: 1570
Loop: VID Optional (Dependent)
Level:
Usage: Optional
Max Use: 5
Purpose: To record seal numbers used and the organization that applied the seals
Syntax Notes:
Semantic Notes:

Data Element Summary				
Ref.	Data			
	<u>Des.</u>	<u>Element Name</u>	<u>Attributes</u>	
M	M701	225 Seal Number	M	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.		
	M702	225 Seal Number	O	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.		
	M703	225 Seal Number	O	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.		
	M704	225 Seal Number	O	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.		
Not Used	M705	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 N1013 is present, then N1006 is required.	
Semantic Notes:	1 If N1013 is not used, the default currency of N1006 is USD (US Dollar). 2 N1009 is the U.S. Customs and Border Protection (CBP) bar code number for line release. 3 N1011 is the country of the manufacturer of the goods. 4 N1012 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). 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		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Dep	N1001	380	Quantity 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' or blank. - CBP will only accept up to 10 numeric characters in this element.	O 1 R 1/15
Must Use	N1002	369	Free-form Description 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.	O 1 AN 1/45
Must Use	N1003	87	Marks and Numbers 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.	O 1 AN 1/48
Dep	N1004	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code - CBP accepts a six to ten digit Harmonized code	X 1 ID 1/1

J Harmonized System-Based ScheduleB
Classification of exported merchandise
CBP accepts a six to ten digit Harmonized code

Dep	N1005	22	Commodity Code Code describing a commodity or group of commodities Harmonized Tariff Schedule Code. CBP accepts up to ten numeric characters in this field. CBP will only validate the first six bytes and return the associated description when necessary.	X	1 AN 1/30
Dep	N1006	602	Customs Shipment Value Customs value in whole dollars Value in U.S.Dollars	X	1 AN 2/8
Dep	N1007	188	Weight Unit Code Code specifying the weight unit Required if data found in N1008 L Pounds U.S. Railroads use only this code	X	1 ID 1/1
Dep	N1008	81	Weight Numeric value of weight Weight value in whole numbers - no decimals. Required if data found in N1007	X	1 R 1/10
Not Used	N1009	127	Reference Identification	O	1 AN 1/80
	N1010	599	Manifest Unit Code Code specifying the smallest package unit for the bill of lading Refer to Import Ocean CAMIR Appendix N for valid codes	O	1 ID 1/3
Not Used	N1011	26	Country Code	O	1 ID 2/3
Not Used	N1012	26	Country Code	O	1 ID 2/3
Not Used	N1013	100	Currency Code	O	1 ID 3/3

Segment: **VC** 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 VC05 is the automotive manufacturer route code.
- 2 VC12 is the direction the headlights of the vehicle point.
- 3 VC13 is the final destination ramp location as assigned by the manufacturer.

Notes: CBP accepts Vehicle Identification Numbers (VINs) in this segment.

Data Element Summary				
Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	VC01	539	Vehicle Identification Number Unique identification number stamped on the vehicle by the manufacturer	M 1 AN 1/30
	VC02	836	Vehicle Deck Position Code Code identifying the specific position of a vehicle on multi-level equipment; when dealing with rail cars the front end will be defined as that end of the rail car which the vehicle faces	O 1 ID 2/2
Not Used	VC03	837	Vehicle Type Code	O 1 ID 1/1
Not Used	VC04	838	Dealer Code	O 1 AN 2/9
Not Used	VC05	1	Route Code	O 1 AN 1/13
Not Used	VC06	839	Bay Location	O 1 AN 1/6
Not Used	VC07	833	Automotive Manufacturers Code	O 1 ID 2/2
Not Used	VC08	308	Damage Exception Indicator Code	O 1 ID 1/1
Not Used	VC09	835	Supplemental Inspection Code	O 1 ID 1/1
Not Used	VC10	583	Factory Car Order Number	O 1 AN 6/10
Not Used	VC11	877	Vessel Stowage Location	O 1 AN 1/12
Not Used	VC12	1543	Equipment Orientation Code	O 1 ID 1/1
Not Used	VC13	310	Location Identifier	O 1 AN 1/30

Segment:	H1 Hazardous Material
Position:	1650
Loop:	H1 Optional
Level:	
Usage:	Optional
Max Use:	1
Purpose:	To specify information relative to hazardous material
Syntax Notes:	1 If either H107 or H108 is present, then the other is required.
Semantic Notes:	
Notes:	1. CBP usage of the H1 segment is Conditional - If hazardous cargo is being carried it must be reported.

Data Element Summary					
Ref.	Data				
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	H101	62	Hazardous Material Code 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) List.	M	1 AN 4/10
Not Used	H102	209	Hazardous Material Class Code	O	1 AN 1/4
Not Used	H103	208	Hazardous Material Code Qualifier	O	1 ID 1/1
	H104	64	Hazardous Material Description Material name, special instructions, and phone number if any First 30 alpha numeric characters of the proper shipping name. The next 30 alpha/numeric will be added in H201.	O	1 AN 2/30
	H105	63	Hazardous Material Contact 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	O	1 AN 1/24
Not Used	H106	200	Hazardous Materials Page	O	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	O	1 ID 1/3

Segment:	H2	Additional Hazardous Material Description
Position:	1660	
Loop:	H1	Optional
Level:		
Usage:	Optional	
Max Use:	99	
Purpose:	To specify free-form hazardous material descriptive data in addition to the information provided in the H1 segment	
Syntax Notes:		
Semantic Notes:		
Notes:	Up to 2 H2 segments may be sent for each H1 segment.	

Data Element Summary					
Ref.	Data				
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	H201	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		
Not Used	H202	274	Hazardous Material Classification	O	1 AN 1/30

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)
Syntax Notes:
Semantic Notes:

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:	2340
Loop:	
Level:	
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of a functional group and to provide control information
Syntax Notes:	
Semantic Notes:	1 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

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

Segment: **IEA** Interchange Control Trailer
Position: 2680
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:

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