Automated Commercial Environment

Import Ocean Manifest ANSI X.12 Implementation Guide

309 Manifest Input with Importer Security Filing

October 2021

U.S. Customs and Border Protection

ace

309 U.S. Customs Manifest with Importer Security Filing

Functional Group ID=SO

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the U.S. Customs and Border Protection (CBP) Manifest Transaction Set (309) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by carriers, Master Vessel Operating Common Carriers (MVOCC's), Non-Vessel Operating Common Carriers (NVOCC's), terminal operators, port authorities, or service centers to provide CBP with manifest data on cargo arriving in or departing from the U.S. on oceangoing vessels, railroad trains, or other types of conveyances. The transaction set can be also used by carriers or NVOCC's 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 4010 Standards Version/Release as its base. The transaction structure has been altered to accommodate U.S. Customs and Border Protection implementation requirements.

Notes:

ABI ENTRY FILERS-U.S. Customs and Border Protection will send a copy of the TS309 to the Filer identified in the N1 if requested via the Automated Manifest System Broker Download functionality. The Filers will transmit individual releases for each TS309. Releases will be consolidated at the time of summary filing. Status notifications (TS350) will go to either the carrier or NVOCC and to the Filer via ABI as entries are filed and releases obtained.

IMPORTER SECURITY FILING-This transaction set is final and conforms to the published Importer Security Filing (ISF) Requirements interim final rule.
Importer Security Filing Information (ISF-5) for FROB, T&E, and IE Bills of Lading (M1109=35, 36, 37, 46 or 38):
1. Booking Party Name and Address - N1 (Required), N3 (Required), N4 (Optional) segments
2. Foreign Port of Unlading - M1204 with in-bond
3. Place of Delivery - N9 for FROB (non-in-bond)
4. Ship to Name and Address - N1 (Required), N3 (Required), N4 (Optional) segments
5. Harmonized Tariff Schedule at minimum 6-digit level - N10 segment
- The five data elements above can be consolidated with the standard TS309 Bill of Lading transaction set at the locations identified in this implementation guide.

SPECIAL MESSAGING CONSTRAINTS:
- Limit one Interchange (ISA-IEA) per message transmission.
- Limit one message Group (GS-GE) per message transmission.
- Multiple transaction sets (ST-SE) of the same Transaction Set Identifier Code (i.e., 309) are 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 should be one byte with a value of hex '15'. A segment delimiter should 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 will NOT be accepted.
- 'Not Used' in the left column indicates that a composite or data element will not be used by CBP.
- '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 8 megabytes (12,582,912 8,388,608 bytes) of data.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
M	008	ISA	Interchange Control Header	M	1	
M	015	GS	Functional Group Header	M	1	
M	030	ST	Transaction Set Header	M	1	
M	040	M10	Manifest Identifying Information	M	1	
	045	N9	Reference Identification	O	1	
			LOOP ID - P4			20
M	050	P4	U.S. Port Information	M	1	
			LOOP ID - LX			9999
M	060	LX	Assigned Number	M	1	
Dep	070	M13	Manifest Amendment Details	O	1	
Dep	080	M11	Manifest Bill of Lading Details	O	1	
	090	N9	Reference Identification	O	999	
			LOOP ID - N1			25
Dep	100	N1	Name	O	1	
Dep	110	N3	Address Information	O	2	
	120	N4	Geographic Location	O	1	
Not Used	130	DTM	Date/Time Reference	O	1	
	140	PER	Administrative Communications Contact	O	1	
			LOOP ID - M12			1
	150	M12	In-bond Identifying Information	O	1	
Not Used	160	R4	Port or Terminal	O	10	
			LOOP ID - VID			999
Dep	170	VID	Conveyance Identification	O	1	
	180	VC	Motor Vehicle Control	O	9999	
			LOOP ID - N10			999
Dep	190	N10	Quantity and Description	O	1	
			LOOP ID - H1			99
Dep	200	H1	Hazardous Material	O	1	
	210	H2	Additional Hazardous Material Description	O	2	
M	200	SE	Transaction Set Trailer	M	1	
M	220	GE	Functional Group Trailer	M	1	
M	240	IEA	Interchange Control Trailer	M	1	

Table of Changes

Version	Date of Change	Section(s) Affected	Brief Description of Change
1.6	October 2021	Page 1, Notes	Maximum allowable message transmission size should be **8** Megabytes, not 12. Messages larger than 8MB will end up in CBP's dead letter queue.
		M1003 Country Code	Replaced mention of CAMIR Appendix G (Country Codes) with CATAIR Appendix B – Valid Codes.
		N403 Postal Code	Added note that ACE accepts only up to 10 characters.
		N404 Country Code	Must be a 2-character code valid in the CATAIR Appendix B – Valid Codes.
		N102 Name	ACE accepts up to 50 characters.
		Search "*Ocean House Bill Release*" for new functionality and edits to be effective in ACE Certification – anticipated Summer 2022:	
		M1109 Bill of Lading Type	Added new type 45 (House In-bond); 46 (House bill with ISF and In-bond at the House bill level); and ability to identify a BOL as a Section 321 Release bill type 13, 14, 21 or 22.
		N1006 Shipment Value	Note added for Section 321 Release bill types, shipment value is required and cannot exceed the de minimis value threshold.
1.5	January 2015		Previous original

	Segment:	**ISA** Interchange Control Header
	Position:	008
	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. Des.	Data Element	Name		Attributes
M	ISA01	I01	**Authorization Information Qualifier**	M	ID 2/2

Code to identify the type of information in the Authorization Information

Always '00'

00   No Authorization Information Present (No Meaningful Information in I02)

M	ISA02	I02	**Authorization Information**	M	AN 10/10

Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

Always 10 spaces.

M	ISA03	I03	**Security Information Qualifier**	M	ID 2/2

Code to identify the type of information in the Security Information

Always '00'

00   No Security Information Present (No Meaningful Information in I04)

M	ISA04	I04	**Security Information**	M	AN 10/10

This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

Always 10 spaces.

M	ISA05	I05	**Interchange ID Qualifier**	M	ID 2/2

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

Always 'ZZ'

ZZ   Mutually Defined

M	ISA06	I06	**Interchange Sender ID**	M	AN 15/15

Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

Sender Identifier. Up to 4 alpha/numeric characters. Value must contain the Standard Carrier Alpha Code (SCAC) or the identity of the Service Center if applicable. May be identical to that of GS02.

M	ISA07	I05	**Interchange ID Qualifier**	M	ID 2/2

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

Always 'ZZ'

ZZ   Mutually Defined

M	ISA08	I07	**Interchange Receiver ID**	M	**AN 15/15**

Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

'CUSTOMSTST'	-	Testing
'CUSTOMS'	-	Production

M	ISA09	I08	**Interchange Date**	M	**DT 6/6**

Date of the interchange

Date as YYMMDD where:
YY - Year
MM - Month
DD - Day

M	ISA10	I09	**Interchange Time**	M	**TM 4/4**

Time of the interchange

Time as HHMM where:
HH - Hours
MM – Minutes

M	ISA11	I10	**Interchange Control Standards Identifier**	M	**ID 1/1**

Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer

Preferred 'U'

U	U.S. EDI Community of ASC X12, TDCC, and UCS

M	ISA12	I11	**Interchange Control Version Number**	M	**ID 5/5**

This version number covers the interchange control segments

Always '00401'

00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997

M	ISA13	I12	**Interchange Control Number**	M	**N0 9/9**

A control number assigned by the interchange sender

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

Code sent by the sender to request an interchange acknowledgment (TA1)

Always '0'

0	No Acknowledgment Requested

M	ISA15	I14	**Usage Indicator**	M	**ID 1/1**

Code to indicate 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	**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

Preferred separator is ' : ' (colon)

	Segment:	**GS** Functional Group Header			
	Position:	015			
	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. Des.	Data Element	Name		Attributes
M	GS01	479	**Functional Identifier Code**	M	ID 2/2
			Code identifying a group of application related transaction sets		
			Always 'SO'		
			SO Ocean Shipment Information		
M	GS02	142	**Application Sender's Code**	M	AN 2/15
			Code identifying party sending transmission; codes agreed to by trading partners		
			Sender Identifier. Up to 4 alpha/numeric characters. Value must contain the Standard Carrier Alpha Code (SCAC) or the identity of the Service Center if applicable. May be identical to that of ISA06.		
M	GS03	124	**Application Receiver's Code**	M	AN 2/15
			Code identifying party receiving transmission; codes agreed to by trading partners		
			'CUSTOMSTST' - Testing		
			'CUSTOMS' - Production		
M	GS04	373	**Date**	M	DT 8/8
			Date expressed as CCYYMMDD		
			Date as CCYYMMDD where:		
			CC - Century		
			YY - Year		
			MM - Month of Year		
			DD - Day of Month		
M	GS05	337	**Time**	M	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
			Use Eastern Standard/Daylight Time.		
			Time as HHMM where:		
			HH - Hours		
			MM – Minutes		
M	GS06	28	**Group Control Number**	M	N0 1/9
			Assigned number originated and maintained by the sender		
M	GS07	455	**Responsible Agency Code**	M	ID 1/2
			Code used in conjunction with Data Element 480 to identify the issuer of the standard		
			Always 'X'		
			X Accredited Standards Committee X12		

| M | GS08 | 480 | **Version / Release / Industry Identifier Code** | M | 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 '004010'

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

	Segment:	**ST** Transaction Set Header

Segment:	**ST** Transaction Set Header
Position:	030
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 Transaction Set).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**ST01**	**143**	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			Always '309'	
			309 U.S. Customs Manifest	
M	**ST02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment:		**M10** Manifest Identifying Information		

Segment: **M10** Manifest Identifying Information
Position: 040
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 At least one of M1005 or M1004 is required.
Semantic Notes:
  1 M1004 is International Maritime Organization (IMO) Code issued by Lloyds.
  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.

Notes: Once the original manifest (M1009 code 'W') has been submitted and accepted, the M10 segment becomes 'frozen'. In any subsequent amendments or actions (sets 309 M1009 code 'Y', 353, 356, 357) the mandatory and required elements in the M10 segment in the original manifest transmission must be submitted. This means if a vessel name (M1005) were submitted in the original manifest it is required in any subsequent amendments or actions. If an IMO Lloyds Vessel code (M1004/M1010) were submitted in the original manifest it is required in any subsequent amendments or actions. If both the vessel name (M1005) and the IMO Lloyds vessel code were submitted in the original manifest they are required in any subsequent amendments or actions.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	M1001	140	**Standard Carrier Alpha Code**	M	**ID 2/4**
			Standard Carrier Alpha Code		
			SCAC of Carrier initiating this manifest.		
M	M1002	91	**Transportation Method/Type Code**	M	**ID ½**
			Code specifying the method or type of transportation for the shipment		
			Always 'O'		
			O Containerized Ocean		
M	M1003	26	**Country Code**	M	**ID 2/3**
			Code identifying the country		
			ISO 2 alpha Country Code. Refer to ~~CAMIR Appendix G documentation~~ ACE CATAIR Appendix B - Valid Codes' Country and Currency Codes section for valid codes.		
	M1004	597	**Vessel Code**	X	**ID 1/8**
			Code identifying vessel		
			International Maritime Organization (IMO) Code issued by Lloyds and registered with CBP.		
			Either M1004 (Vessel Code) or M1005 (Vessel Name) is required.		
			Required if M1010 (Vessel Code Qualifier) is used.		
			- CBP will only accept 7 numeric characters in this element.		
	M1005	182	**Vessel Name**	X	**AN 2/28**
			Name of vessel		
			Vessel name that is registered with CBP. Either M1005 (Vessel Name) or M1004 (Vessel Code) is required. If both are provided, data is validated and both must match entries in the vessel code table.		
			- CBP will accept up to 23 alpha/numeric American English keyboard characters in this element.		

M	M1006	55	**Flight/Voyage Number**	M	AN 2/10

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

- CBP will accept up to 5 alpha/numeric characters for this element.

	M1007	127	**Reference Identification**	O	AN 1/30

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

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, all subsequent transmissions relative to this manifest (i.e., TS309 or TS353) must include this exact sequence number when provided in this element.

- CBP will accept exactly 6 numeric characters or exactly 6 blanks in this element.

Not Used	M1008	380	**Quantity**	O	R 1/15
Must Use	M1009	256	**Manifest Type Code**	O	ID 1/1

Code identifying the type of manifest transmitted

Required by CBP. Values accepted by CBP.

	W		Original Manifest from Carriers to US Customs
	Y		Amendment to Manifest from Carrier to US Customs

When used, the M13 segment must be reported.

	M1010	897	**Vessel Code Qualifier**	X	ID 1/1

Code specifying vessel code source

Required if M1004 is used.

	L		IMO code issued by Lloyds

Not Used	M1011	1073	**Yes/No Condition or Response Code**	O	ID 1/1
	M1012	127	**Reference Identification**	O	AN 1/30

Reference information as defined for a particular Transaction Set

Carrier-assigned reference number that will be returned in the response message.

	Segment:	**N9** Reference Identification
	Position:	045
	Loop:	
	Level:	
	Usage:	Optional
	Max Use:	1
	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:	Unique Voyage Identifier submitted from MVOCC's only. Number used must be unique for 5 years. This record may be included with original manifest submissions but should NOT be provided with manifest amendments.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N901	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			Unique Voyage Identifier Qualifier		
			VY Voyage Number		
Must Use	N902	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			Required by CBP if segment is used. Unique Voyage Identifier. First 4 characters should be the SCAC of the vessel operator. - CBP accepts a minimum of 5 and up to 30 alpha/numeric characters in this element.		
Not Used	N903	369	**Free-form Description**	X	AN 1/45
Not Used	N904	373	**Date**	O	DT 8/8
Not Used	N905	337	**Time**	X	TM 4/8
Not Used	N906	623	**Time Code**	O	ID 2/2
Not Used	N907	C040	**Reference Identifier**	O	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Not Used	C04001	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04002	127	**Reference Identification**	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	**Reference Identification Qualifier**	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	**Reference Identification Qualifier**	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

	Segment:	**P4** U.S. Port Information
	Position:	050
	Loop:	P4 Mandatory
	Level:	
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To transmit identifying information for a U.S. port
	Syntax Notes:	

Semantic Notes:
1. P401 is used for customs district and port code (census schedule D).
2. P402 is the estimated date of arrival.
3. P403 is used for number of bills of lading.
4. P404 is the Facilities Information and Resources Management System (FIRMS) Code.
5. P405 is the estimated time of arrival for P402.

Notes: Port of Discharge information

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	P401	310	Location Identifier	M	AN 1/30
			Code which identifies a specific location		
			Port of Arrival of the vessel in the U.S. Refer to Schedule D in CAMIR Appendix E for valid codes.		
			- CBP only accepts 4 numeric characters in this element.		
M	P402	373	Date	M	DT 8/8
			Date expressed as CCYYMMDD		
			Estimate Date of Arrival. Match EDA of original manifest submission when Amending BOL. Date as CCYYMMDD where: CC – Century YY - Year MM - Month of Year DD - Day of Month		
Not Used	P403	380	Quantity	O	R 1/15
Not Used	P404	310	Location Identifier	O	AN 1/30
Not Used	P405	337	Time	O	TM 4/8

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	LX01	554	**Assigned Number**	M	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.   Reset this element to 1 when reporting for a different Port.

			Segment:	**M13** **Manifest Amendment Details**
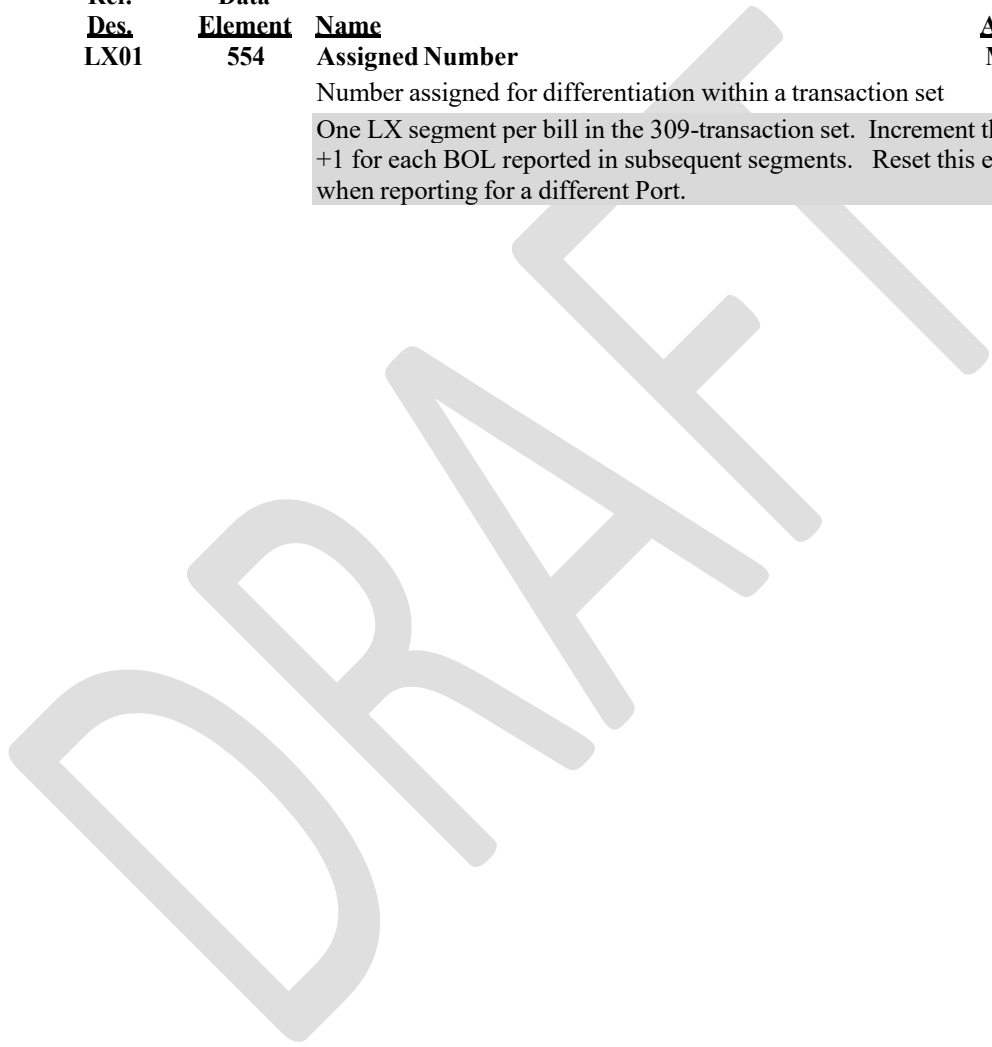
Segment: **M13** **Manifest Amendment Details**
Position: 070
Loop: LX   Mandatory
Level:
Usage: Optional (Dependent)
Max Use: 1
Purpose: To correct a manifest record prior to conveyance arrival or to amend a manifest record after conveyance arrival
Syntax Notes:
1   If either M1308 or M1310 is present, then the other is required.
Semantic Notes:
1   M1301 is the conveyance operator's Standard Carrier Alpha Code (SCAC).
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 bill of lading issuer code.
6   M1310 is the issuer code for the consolidated shipment.

Notes:

1. M1309 + M1304 comprise the unique bill of lading.
2. When a manifest is arrived the M13 segment is required to add a new Bill of Lading or amend an existing Bill of Lading.
3. If the M1303 is 'A', the Bill of Lading must be transmitted using the M11 through H2 segments.
4. If the M1303 is 'D' or 'R', do not include the Bill of Lading segments M11 through H2.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	M1301	140	**Standard Carrier Alpha Code**	M	ID 2/4
			Standard Carrier Alpha Code		
			SCAC identifying the issuer of the manifest. - Only ANSI X.12 syntax validations will be performed on M1301.		
M	M1302	310	**Location Identifier**	M	AN 1/30
			Code which identifies a specific location		
			The Port of Arrival of the vessel in the U.S. Same value as identified in P401. Refer to Schedule D in CAMIR Appendix E for valid codes. - CBP will only accept 4 numeric characters in this element.		
Must Use	M1303	580	**Amendment Type Code**	O	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 existing manifest quantity with new manifest quantity.		
M	M1304	598	**Bill of Lading/Waybill Number**	M	AN 1/12
			Identification number assigned to the shipment by the carrier or consolidator		
			M1309 + M1304 Bill Issuer Sequence Number comprise the unique bill of lading number. - Required by CBP when M1303 is 'D' or 'R'. - If M1304 = A, then only ANSI X.12 syntax validations will be performed on M1304. - If this Bill of Lading number is different from the Bill of Lading Number in the M1101/ B01 "Bill of Lading Sequence Number", then the Bill of Lading number in M1304/A01 "Bill of Lading Sequence Number" is used.		
	M1305	380	**Quantity**	O	R 1/15
			Numeric value of quantity		
			New Quantity if amendment code in M1303 is "R". - CBP accepts up to 10 numeric characters in this element.		

Must Use	M1306	393	Amendment Code		O	ID 2/2

Code giving the reasons for the amendment of the manifest record

01	Not laden aboard per evidence from foreign shipper, or amended bill of lading
02	Error in manifesting, not laden on this carrier. Laden on subsequent carrier for transportation to United States, per evidence in files
03	Clerical error in manifesting per bill of lading in files
04	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
05	Erroneously duplicated by another bill of lading on the same manifest
06	Prematurely landed or overcarried to another United States port where proper disposition was made per evidence in our files
07	Inadvertently retained on board and taken foreign per master's or his agent's statement, amended bill of lading, landing certificate, in our files
08	Container stripped under Customs supervision; Foreign seals affixed abroad were intact, as per evidence in our files
09	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 customs release; Merchandise will be redelivered intact or liquidated damages 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; Customs form 5931 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 prior to moving in-bond

Not Used	M1307	306	Action Code		O	ID 1/2
Not Used	M1308	598	Bill of Lading/Waybill Number		O	AN 1/12
M	M1309	140	Standard Carrier Alpha Code		M	ID 2/4

SCAC of Bill Issuer. M1309 + 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 M1309.

Not Used	M1310	140	Standard Carrier Alpha Code		O	ID 2/4

Segment:		**M11** **Manifest Bill of Lading Details**		
Position:		080		
Loop:		LX Mandatory		
Level:				
Usage:		Optional (Dependent)		
Max Use:		1		
Purpose:		To transmit bill of lading detail information for a manifest		
Syntax Notes:		1 If either M1107 or M1108 is present, then the other is required.		
		2 If either M1111 or M1113 is present, then the other is required.		
		3 If M1115 is present, then M1114 is required.		
		4 If M1118 is present, then M1115 is required.		
		5 If M1119 is present, then M1118 is required.		
Semantic Notes:		1 M1101 is the unique bill of lading number.		
		2 M1102 is used for port of lading (five-digit numeric census schedule K).		
		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 M1119 is the Standard Carrier Alpha Code (SCAC) of an additional second notify carrier.		
Notes:				

1. The Unique Bill of Lading number is comprised of the SCAC from M1112 and the issuer sequence number in the M1101.
2. This segment is not used if M1303 is 'D' or 'R'.

<div align="center">

Data Element Summary

</div>

	Ref. Des.	Data Element	Name		Attributes
M	M1101	598	**Bill of Lading/Waybill Number**	M	AN 1/12

Identification number assigned to the shipment by the carrier or consolidator

Bill Issuer Sequence Number. M1112 + M1101 comprise the unique bill of lading number. It must be unique for **three** years.
-If this Bill of Lading number is different from the Bill of Lading Number in the M1101 Bill of Lading Sequence Number, then the Bill of Lading number in the M1304 Bill of Lading Sequence Number is used.

M	M1102	310	**Location Identifier**	M	AN 1/30

Code which identifies a specific location

Foreign Port of Lading. Refer to Census Schedule K in CAMIR Appendix F for valid codes.

- CBP will only accept 5 numeric characters in this element.

M	M1103	380	**Quantity**	M	R 1/15

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 element (M1103). This value must be greater than zero. No decimals.

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

| M | M1104 | 599 | **Manifest Unit Code** | M | ID 1/3 |

Code defining the smallest package unit for the bill of lading

Refer to CAMIR Appendix N for valid codes.
This element accepts only 3 alphas.

| M | M1105 | 81 | **Weight** | M | 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.

| M | M1106 | 188 | **Weight Unit Code** | M | 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

| Dep | M1107 | 183 | **Volume** | X | R 1/8 |

Value of volumetric measure

Required if M1108 is used. No decimals.

| Dep | M1108 | 184 | **Volume Unit Qualifier** | X | ID 1/1 |

Code identifying the volume unit

Required if M1107 is used.

B	Barge
C	Cubic Centimeters
D	Cord
E	Cubic Feet
F	100 Board Feet
G	Gallons
H	Hundreds of Measurement Tons
L	Load
M	Cubic Decimeters
N	Cubic Inches
R	Car
S	Measurement Ton
T	Container
U	Volumetric Unit
V	Liter
X	Cubic Meters

| Must Use | M1109 | 582 | **Bill of Lading type Code** | O | ID 1/2 |

Code identifying the type of bill of lading

Required by CBP.

For Importer Security Filing:
i.   Type 35 is for a Simple/Regular Bill with FROB shipment. This requires one N9 segment for the UN Loc Code Place of Delivery, and one N9 segment for the Schedule K Foreign Port of Unlading.

ii.   Type 36 is for a House Bill with FROB shipment. This requires one N9 segment for the UN Loc Code Place of Delivery, and one N9 segment for the Schedule K Foreign Port of Unlading.

iii. Type 37 is for a House Bill with security filing and IE/T&E shipment at the Master bill level. This requires one N9 segment for the UN Loc Code Place of Delivery, and the M12 segment for the Schedule K Foreign Port of Unlading.

iv. Type 38 is for a Simple/Regular Bill with IE/T&E shipment and security filing. This requires one N9 segment for the UN Loc Code Place of Delivery, and the M12 segment for the Schedule K Foreign Port of Unlading.

iv.v. Type 46 is for a House Bill with security filing and IE/T&E at the House bill level. This requires one N9 segment for the UN Loc Code Place of Delivery, and the M12 segment for the Schedule K Foreign Port of Unlading.

00	Neither Space-Charter nor Master In-bond
	Simple/Regular Bill
10	Master Simple/Regular In-Bond
12	Empty Equipment
	If used, VID10 must be 'E'.
28	MVOC (Master Bill)
29	MVOC Master In-Bond
30	House Bill NVOC (Master Bill)
45	House In-Bond – New for *Ocean House Bill Release*
13	Section 321 Release off the Manifest (No PGA considerations) - Simple/Regular Bill – New for *Ocean House Bill Release*
	N1006 (shipment value) is required.
14	Section 321 Release off the Manifest (No PGA considerations) - Simple/Regular In-bond – New for *Ocean House Bill Release*
	N1006 (shipment value) is required.
21	Section 321 Release off the Manifest (No PGA considerations) – House Bill – New for *Ocean House Bill Release*
	N1006 (shipment value) is required.
22	Section 321 Release off the Manifest (No PGA considerations) – House In-bond – New for *Ocean House Bill Release*
	N1006 (shipment value) is required.
20	Simple/Regular Bill Foreign Cargo Remaining on Board (FROB)
31	Master MVOC FROB
32	House NVOC FROB
35	Simple/Regular Bill FROB with Security Filing
36	House FROB with Security Filing
37	House Bill with Security Filing, where CBP is
	Expecting the Master BOL to be a Type '62' or '63' In-bond, and the M1109 to be '29'. There is no in-bond at the House bill level.
38	Simple/Regular In-bond Type 62/63 with Security Filing
46	House Bill with Security Filing and In-bond Type 62/63 at the House bill level – New for *Ocean House Bill Release*

Must Use   **M1110**   **600**   **Place of Receipt by Pre-carrier**   **O**   **AN 1/17**

The city or country in which the pre-carrier took possession of the cargo

			Required by CBP. A city or country name in which the carrier took possession of the cargo destined for the U.S.		
Not Used	M1111	598	**Bill of Lading/Waybill Number**	X	AN 1/12
M	M1112	140	**Standard Carrier Alpha Code**	M	ID 2/4
			SCAC of the Bill Issuer. M1112 + M1101 comprise the unique bill of lading identifier. - CBP only accepts 4 characters in this element.		
Not Used	M1113	140	**Standard Carrier Alpha Code**	X	ID 2/4
Dep	M1114	140	**Standard Carrier Alpha Code**	X	ID 2/4
			SNP Required by CBP for M1109 Bill Type Code; 30, 32, 36, 37 or 46 - NVOCC (provide SCAC of ~~MVOCC~~ Master Bill of Lading Issuer). SNP can be reported in N101 or M1114. Designation of a Secondary Notify Party nominated to receive BOL status notifications. (This can either be a SCAC or FIRMS code.)		
	M1115	140	**Standard Carrier Alpha Code**	X	ID 2/4
			Standard Carrier Alpha Code		
			If M1115 is present, then M1114 is required. Designation of a Secondary Notify Party (This can either be a SCAC or FIRMS code.)		
Not Used	M1116	1302	**Shipper's Export Declaration Requirements**	O	AN 1/2
Not Used	M1117	1578	**Export Exception Code**	O	ID 1/2
Not Used	M1118	140	**Standard Carrier Alpha Code**	X	ID 2/4
Not Used	M1119	140	**Standard Carrier Alpha Code**	O	ID 2/4
Must Use	M1120	310	**Location Identifier**	O	AN 1/30
			Code which identifies a specific location		
			Required by CBP. Last foreign port before the vessel departs for the U.S. Refer to Census Schedule K, CAMIR Appendix F for valid codes.		
	M1121	310	**Location Identifier**	O	AN 1/30
			Code which identifies a specific location		
			First foreign port of loading. Refer to Census Schedule K, CAMIR Appendix F for valid codes.		
	M1122	91	**Transportation Method/Type Code**	O	ID 1/2
			Code specifying the method or type of transportation for the shipment		
			Method of transportation used to carry the manifested cargo to the port of lading.		

A	Air
B	Barge
J	Motor
O	Containerized Ocean
PL	Pipeline
R	Rail
S	Ocean
X	Intermodal (Piggyback)

	M1123	591	**Payment Method Code**	O	ID 3/3
			Code identifying the method for the movement of payment instructions		
			Payment for transportation services to the U.S. Refer to CAMIR chapter INP record B02 field Note 3 for valid codes.		

Segment:	**N9** Reference Identification
Position:	090
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:	1. NVOCC's must report 'OB' - ~~MVOCC~~ Master Bill of Lading, in one iteration of N901.
	2. N901 and N902 are required by CBP when this segment is provided.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N901	128	Reference Identification Qualifier	M ID 2/3

Code qualifying the Reference Identification

Refer to CAMIR chapter INP record B04 at the Bill level, Note 1 for valid codes.

IMPORTER SECURITY FILING Requirement:
- For M1109-BOL Type Code of 35 and 36 (FROB BOLs) and M1109-BOL Type Code 37, and 46, the N901 is used to provide both the Foreign Port of Unlading ('CSK', Census Schedule K Code) and Place of Delivery ('ULC', UNLOCode).
- For T&E '62' and IE '63' (M1109-BOL Type Code 38), use the N901 to provide the Place of Delivery ('ULC' UNLOCode) beyond the Foreign Destination, i.e., Foreign Port of Unlading that is reported in the M1204, Foreign Port of Destination.
-For M1109-BOL Type Code of 30, 32, 36, 37 or 46 the N901 must be used to report the Master Bill of Lading qualifier 'OB'.
- The 'MXC' qualifier in the N901is used by carriers to report the Mexican CAAT code. This is required in Mexican transactions and usage but is not Used for U.S. shipments to Mexico.
- The 'MXE' qualifier in from N901 is used by carriers to report the Mexican export bonded warehouse number. This is required for Mexican transactions and usage and is not used for U.S. exports from Mexico. Refer to the Schedule located in http://www.gob.mx/ref.5x12appendix for valid codes.
- The 'MXI' qualifier in the N901 is used by carriers to report the Mexican import bonded warehouse number. This is required for Mexican transactions and usage and is not used for U.S. exports from Mexico. Refer to the Schedule located in http://www.gob.mx/ref.5x12appendix for valid codes.
- The 'OL' qualifier in the N901 is used by carriers to report the original bill of lading number in cases where the original shipment is split within the same vessel.
- The 'FEN' qualifier in the N901 is used by carriers to report the Mexican Pedimento Number.

	Ref. Des.	Data Element	Name	Attributes
Must Use	N902	127	Reference Identification	X AN 1/30

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

Required by CBP when segment is provided.
-When N901 is 'CSK', N902 contains a Foreign Port of Unlading of 5 numeric characters found in the Census Schedule K in CAMIR Appendix F.
-When N901 is 'ULC', N902 contains the Place of Delivery of 5 alpha/numeric characters.
- When N901 is 'OL', N902 contains the original bill of lading number composed of the SCAC of the Bill Issuer and Issuer Sequence Number.

- When N901 is 'OB', N902 contains the Master Bill of Lading number.
- When N901 is 'MXC', N902 contains the Mexican CAAT Code Number.
- When N901 is 'MXE' N902 contains the Mexican export bonded warehouse number
- When N901 is 'MXI' N902 contains the Mexican import bonded warehouse number
- When N901 is 'FEN', N902 contains the Mexican Pedimento Number of 15 numeric characters. There should be no embedded hyphens, dashes or other special characters.

The required format for a Mexican Pedimento Number is as follows:
    yyppbbbbddddddd, where
        yy - the last two digits of a year
        pp - the Mexican Customs port code
        bbbb - the Mexican broker code
        ddddddd - the document number

Not Used	N903	369	**Free-form Description**	X	AN 1/45
Not Used	N904	373	**Date**	O	DT 8/8
Not Used	N905	337	**Time**	X	TM 4/8
Not Used	N906	623	**Time Code**	O	ID 1/2
Not Used	N907	C040	**Reference Identifier**	O	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Not Used	C04001	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04002	127	**Reference Identification**	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	**Reference Identification Qualifier**	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	**Reference Identification Qualifier**	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment:	**N1** Name		
Position:	100		
Loop:	N1	Optional (Dependent)	
Level:			
Usage:	Optional (Dependent)		
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:	1. ISF-5 Importer Security Filing requires (BKP and ST) N1 Loops.		
	2. Maximum number of N1 segments for Sea ACE M1 is 25.		
	3. Must report Shipper and Consignee OR Notify Party data for each bill of lading.		
	4. N103 and N104 are used to identify a Secondary Notify Party or the ABI routing code.		

<p align="center">Data Element Summary</p>

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	**Entity Identifier Code**	M ID 2/3

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

Values accepted by CBP.

B5	Affiliated Company	
BK	Bank	
BKP	Booking Party	
	Importer Security Filing Requirement	
BN	Beneficial Owner	
	CBP will map to a notify party.	
BO	Broker or Sales Office	
BS	Bill and Ship To	
BT	Bill-to-Party	
BY	Buying Party (Purchaser)	
C1	In Care Of Party no. 1	
	CBP will map to a notify party.	
C2	In Care Of Party no. 2	
	CBP will map to a notify party.	
CA	Carrier	
CB	Customs Broker	
	If used, N103 and N104 are required.	
CD	Consignee (To Receive Mail and Small Parcels)	
	CBP will map to a consignee.	
CE	Consignee (To receive large parcels and freight)	
	CBP will map to a consignee.	
CF	Subsidiary/Division	
CG	Carnet Issuer	
CI	Consignor	
CJ	Automated Data Processing (ADP) Point	
CL	Container Location	
CN	Consignee	
	CBP will map to a consignee.	
CP	Party to Receive Cert. of Compliance	
CQ	Corporate Office	
CR	Container Return Company	

CS	Consolidator
D8	Dispatcher
DA	Delivery Address
DB	Distributor Branch
DC	Destination Carrier
DF	Material Disposition Authorization Location
DH	Doing Business As
DM	Destination Mail Facility
DR	Destination Drayman
DS	Distributor
DT	Destination Terminal
DU	Resale Dealer
DV	Division
DW	Downstream Party
DX	Distiller
EH	Exhibitor
EV	Selling Agent
EX	Exporter
FN	Filer Name
FQ	Pier Name
FS	Final Scheduled Destination
FW	Forwarder
	CBP will map to a shipper.
HW	Designated Hazardous Waste Facility
HX	Transporter of Hazardous Waste
I1	Interested Party
IC	Intermediate Consignee
IF	International Freight Forwarder
IK	Intermediate Carrier
IM	Importer
J3	Broker's Assistant
J6	Power of Attorney
JV	Joint Owner
JW	Joint Venture
LA	Attorney
LL	Location of Load Exchange (Export)
MA	Party for whom Item is Ultimately Intended
MC	Motor Carrier
MXC	Mexican CAAT code. This is required for Mexican Transactions and usage and not used for U.S. imports
MXE	Mexican export bonded warehouse number. This is required for Mexican transactions and usage and not used for U.S. imports. Refer to Schedule located in http://www.gob.me/ref,5x12appendix for valid codes.
MXI	Mexican import bonded warehouse number. This is required for Mexican transactions and usage and not used for U.S. imports. Refer to Schedule located in http://www.gob.me/ref,5x12appendix for valid codes.

MF	Manufacturer of Goods
MO	Release Drayman
MQ	Metering Location
N1	Notify Party no. 1
	CBP will map to a Notify Party.
N2	Notify Party no. 2
	CBP will map to a Notify Party.
OB	Ordered By
OO	Order Of (Shippers Orders) - (Transportation)
	CBP will map to a consignee.
OP	Operator of property or unit
OR	Origin Drayman
OW	Owner of Property or Unit
OY	Owner of Vehicle
PE	Payee
PF	Party to Receive Freight Bill
	CBP will map to a shipper.
PJ	Party to Receive Correspondence
PK	Party to Receive Copy
PL	Party to Receive Purchase Order
PM	Party to receive paper Memo of Invoice
PN	Party to Receive Shipping Notice
PO	Party to Receive Invoice for Goods or Services
PR	Payer
PU	Party at Pick-up Location
PW	Pick Up Address
RD	Destination Intermodal Ramp
RO	Original Intermodal Ramp
SD	Sold To and Ship To
SE	Selling Party
SF	Ship From
	CBP will map to a shipper.
SH	Shipper
	CBP will map to a shipper.
SM	Party to Receive Shipping Manifest
SNP	Secondary Notify Party
	If used, N103 and N104 are required.
	SNP Required by CBP for M1109 Bill Type Code 30, 32, 36, 37 or 46 - NVOCC (provide SCAC of MVOCC Master Bill of Lading Issuer). SNP can be reported in N101 or M1114.
SO	Sold To if different from Bill To
SP	Party filling Shipper's Order
SQ	Service Bureau
SS	Steamship Company
ST	Ship To
	Importer Security Filing Requirement
SU	Supplier/Manufacturer
T3	Terminal Location
T4	Transfer Point

		T6	Terminal Operator		
		TIN	Taxpayer Identification Number		
		TR	Terminal		
		TT	Transfer To		
		UC	Ultimate Consignee		
			CBP will map to a notify party.		
		V1	Surety		
		WH	Warehouse		
		XR	Mexican Customs Broker		
		XU	United States Customs Broker		
		ZF	Break Bulk Point		

Dep	N102	93	**Name**	X	**AN 1/60**

Free-form name

Required by CBP for N101 codes other than CB and SNP.

Required if N103 is TIN
At least one of N102 or N103 is required.
- CBP will accept up to ~~35~~ 50 alpha/numeric characters in this element.

Dep	N103	66	**Identification Code Qualifier**	X	**ID 1/2**

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

- Should be '2' or '17' if N101 is Secondary Notify Party (SNP)
- Should be '17' if N101 is Customs Broker (CB)
- This element is not used for any other qualifier than listed here.
- At least one of N102 or N103 is required.
- If either N103 or N104 is present, then the other is required.

		2	Standard Carrier Alpha Code (SCAC) or FIRMS code
		17	Automated Broker Interface (ABI) Routing Code Mexican
		TIN	Taxpayer ID. This is required if the consignee is in Mexico. N102 and N103 are required. This is required for Mexican transactions and usage and not used for U.S. imports from Mexico

Dep	N104	67	**Identification Code**	X	**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).
- Should be Broker Routing Code if N101 is Customs Broker (CB).
- If either N103 or N104 is present, then the other is required.
- If N103 is TIN this is the Mexican Taxpayer Identification Number. Code Is
  TINX000000XXX
- CBP will accept up to 9 alpha/numeric characters in this element.

Not Used	N105	706	**Entity Relationship Code**	O	**ID 2/2**
Not Used	N106	98	**Entity Identifier Code**	O	**ID 2/3**

				Segment:	**N3** Address Information

Segment: **N3** Address Information
Position: 110
Loop: N1 Optional (Dependent)
Level:
Usage: Optional
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. Des.	Data Element	Name	Attributes
M	N301	166	Address Information	M AN 1/55
			Address/contact data.	
			- CBP will accept up to 35 alpha/numeric characters for this element.	
	N302	166	Address Information	O AN 1/55
			Additional address/contact data.	
			- CBP will accept up to 35 alpha/numeric characters for this element.	

Segment: **N4** Geographic Location
Position: 120
Loop: N1   Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1   If N406 is present, then N405 is required.
Semantic Notes:
Notes: 1. N401 is required when N4 segment submitted.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	N401	19	**City Name**	O	**AN 2/30**	
			Free-form text for city name			
			N401 is required when N4 segment submitted.			
	N402	156	**State or Province Code**	O	**ID 1/2**	
			Code (Standard State/Province) as defined by appropriate government agency			
	N403	116	**Postal Code**	O	**ID 3/15**	
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			
			N403 – only up to 10 characters is accepted.			
	N404	26	**Country Code**	O	**ID 2/3**	
			Code identifying the country			
			CBP accepts a 2-character country code. Refer to CATAIR Appendix B – Valid Codes for valid codes.			
Not Used	N405	309	**Location Qualifier**	X	**ID 1/2**	
Not Used	N406	310	**Location Identifier**	O	**AN 1/30**	

	Segment:		**PER** Administrative Communications Contact	
	Position:	140		
	Loop:	N1	Optional (Dependent)	
	Level:			
	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:			
	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).		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PER01	366	**Contact Function Code**	**M ID 1/2**
			Code identifying the major duty or responsibility of the person or group named	
			Value accepted by CBP.	
			IC Information Contact	
	PER02	93	**Name**	**O AN 1/60**
			Free-form name	
			- CBP will accept up to 23 alpha/numeric characters in this element.	
Must Use	PER03	365	**Communication Number Qualifier**	**X ID 1/2**
			Code identifying the type of communication number	
			Required by CBP. - If either PER03 or PER04 is present, then the other is required. Values accepted by CBP:	

AU	Defense Switched Network
CP	Cellular Phone
ED	Electronic Data Interchange Access Number
EM	Electronic Mail
EX	Telephone Extension
FT	Federal Telecommunications System (FTS)
FX	Facsimile
HP	Home Phone Number
IT	International Telephone
PS	Packet Switching
TE	Telephone
TL	Telex
TM	Telemail
TX	TWX
WP	Work Phone Number

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER04	364	**Communication Number**	**X AN 1/80**
			Complete communications number including country or area code when applicable	
			Required by CBP. - CBP will accept up to 64 alpha/numeric characters in this element. - If either PER03 or PER04 is present, then the other is required.	

	PER05	365	**Communication Number Qualifier**	X	**ID 1/2**

Code identifying the type of communication number

If either PER05 or PER06 is present, then the other is required.

Values accepted by CBP:

AU	Defense Switched Network
CP	Cellular Phone
ED	Electronic Data Interchange Access Number
EM	Electronic Mail
EX	Telephone Extension
FT	Federal Telecommunications System (FTS)
FX	Facsimile
HP	Home Phone Number
IT	International Telephone
PS	Packet Switching
TE	Telephone
TL	Telex
TM	Telemail
TX	TWX
WP	Work Phone Number

	PER06	364	**Communication Number**	X	**AN 1/80**

Complete communications number including country or area code when applicable - CBP will accept up to 64 alpha/numeric characters in this element.

If either PER05 or PER06 is present, then the other is required.

Not Used	PER07	365	**Communication Number Qualifier**	X	**ID 1/2**
Not Used	PER08	364	**Communication Number**	X	**AN 1/80**
Not Used	PER09	443	**Contact Inquiry Reference**	O	**AN 1/20**

	Segment:	**M12** In-bond Identifying Information
	Position:	150
	Loop:	M12 Optional
	Level:	
	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.

Semantic Notes:
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".

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**M1201**	**581**	**Customs Entry Type Code**	**M**	**ID 1/2**
			Code defining the type of entry assigned by U.S. Customs		
			Values accepted by CBP.		
			61 Immediate Transportation [IT]		
			62 Transportation and Exportation [T&E]		
			63 Immediate Exportation [IE]		
Dep	**M1202**	**601**	**Customs Entry Number**	**X**	**AN 1/15**
			Automated Commercial Environment Code Furnished by U.S. Customs		
			Carriers authorized to participate in Paperless in-bond will be assigned a 3-position filer identification code beginning with 'V'. This code is used with a check digit routine to create a paperless in-bond number. Check digit routine is defined in the CAMIR 'Paperless' Master In-bond Program chapter.		
			Either M1202 (Customs Entry Number) or M1206 (In-bond Control Number) must be provided. -CBP accepts 11 alpha/numeric characters in this element.		
Must Use	**M1203**	**310**	**Location Identifier**	**O**	**AN 1/30**
			Code which identifies a specific location		
			Required by CBP. - CBP will only accept 4 numeric characters in this element. Refer to Census Schedule D in CAMIR Appendix E for valid codes.		
			When M1201 Entry Type is IT '61', M1203 = Port of Termination. When M1201 Entry Type is T&E '62', M1203 = Port of Exportation. When M1201 Entry Type is IE '63', M1203 = Port of Arrival.		
Dep	**M1204**	**310**	**Location Identifier**	**O**	**AN 1/30**
			Code which identifies a specific location		
			- CBP accepts 5 numeric characters in this element.		
			Required when M1201 is T&E '62' or IE '63' and for ISF. Foreign Port of Destination - See Census Schedule K in CAMIR Appendix F for valid codes.		

Must Use	M1205	602	**Customs Shipment Value**	O	AN 2/8

Customs value in whole dollars

- CBP accepts 8 numeric characters in this element. No decimals.

Required by CBP. Value must be greater than zero.

Twenty dollars US$ (20) per kilo may be used if the value is unknown.

Dep	M1206	603	**In-bond Control Number**	X	AN 1/25

Currently assigned control number for an in-bond movement

Either M1202 (Customs Entry Number) or M1206 (In-bond Control Number) must be provided.

- CBP accepts only 9 numeric characters in this element.

	M1207	140	**Standard Carrier Alpha Code**	O	ID 2/4

In-bond Carrier SCAC.

A code representing the in-bond carrier if other than the importing carrier.

Dep	M1208	128	**Reference Identification Qualifier**	X	ID 2/3

Code qualifying the Reference Identification

Bonded Carrier ID Qualifier.
If either M1208 or M1209 is present, then the other must be provided.

    BI   Bonded Carrier Internal Revenue Service Identification Number

Dep	M1209	127	**Reference Identification**	X	AN 1/30

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

Bonded Carrier ID Number.

- CBP will accept up to 12 alpha/numeric characters in this element.
The system will validate the ID is on file and has a valid Bond type.

Required for Conventional (M1206) and Paperless (M1202) in-bonds.

If either M1208 or M1209 is present, then the other must be provided.

NN-NNNNNNNXX   Internal Revenue Service (IRS) Number

NNN-NN-NNNN   Social Security Number
YYDDPP-NNNNN   CBP Assigned Number

Dep	M1210	91	**Transportation Method/Type Code**	X	ID 1/2

Code specifying the method or type of transportation for the shipment

May be sent via EDI in lieu of CR7513.

Can be populated in the TS309 or TS357 transactions if M1201 is T&E '62' or IE '63', the method of export is waterborne, and M1211 (vessel name) is supplied. May also be reported in the TS353 M1515.

If either M1210 or M1211 is present, then the other must be provided.

    S   Ocean

Dep	M1211	182	**Vessel Name**	X	AN 2/28

Name of vessel

May be sent via EDI in lieu of CR7513.

Can be populated in the TS309 or TS357 transactions if M1201 is T&E '62' or IE '63', the method of export is waterborne, and M1210 is supplied.

May also be reported in the TS353 M1516.

If either M1210 or M1211 is present, then the other must be provided.

- CBP will accept up to 23 alpha/numeric characters in this element.

Dep   **M1212**   **1073**   **Yes/No Condition or Response Code**   **O   ID 1/1**

Code indicating a Yes or No condition or response

Required if M1201 is T&E '62'. Indicator must be set to 'Y' or 'N' to indicate whether cargo is subject to U.S. Food and Drug Administration Bioterrorism Act of 2002 reporting requirements.

    N   No

    Y   Yes

	Ref.	**Data**			
	Des.	**Element**	**Name**		**Attributes**
M	**VID01**	**40**	**Equipment Description Code**	**M**	**ID 1/2**

Segment: **VID** Conveyance Identification
Position: 170
Loop: VID Optional (Dependent)
Level:
Usage: Optional (Dependent)
Max Use: 1
Purpose: To identify a conveyance and its attributes
Syntax Notes:
Semantic Notes: **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.
Notes: 1. The combination of the VID02 and VID03 elements comprise the container number.
2. A specific container or 'NC' for non-containerized may be reported only once within the same bill of lading.
3. When reporting Equipment Type in VID09, use the relevant ISO code for the equipment characteristics. Refer to CAMIR Appendix M for valid codes.
4. There must be at least one N10 segment if the VID segment is used.

Data Element Summary

	Ref. Des.	**Data Element**	**Name**		**Attributes**
M	**VID01**	**40**	**Equipment Description Code**	**M**	**ID 1/2**
			Code identifying type of equipment used for shipment		
			Refer to CAMIR Appendix I for valid codes.		
Dep	**VID02**	**206**	**Equipment Initial**	**O**	**AN 1/4**
			Prefix or alphabetic part of an equipment unit's identifying number		
			Required by CBP if VID03 does not equal 'NC'.		
			Indicate 'NC' for non-containerized cargo if 'NC' is not reported in VID03.		
M	**VID03**	**207**	**Equipment Number**	**M**	**AN 1/10**
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)		
			Indicate 'NC' for non-containerized cargo.		
Dep	**VID04**	**225**	**Seal Number**	**O**	**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 '-' or '/', etc.)		
			- CBP accepts a minimum of 2 non-blank characters in this element.		
Dep	**VID05**	**225**	**Seal Number**	**O**	**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 '-' or '/', etc.).		
			- CBP accepts a minimum of 2 non-blank characters in this element.		
	VID06	**567**	**Equipment Length**	**O**	**N0 4/5**
			Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)		
			Do not provide when VID09 is sent.		
	VID07	**65**	**Height**	**O**	**R 1/8**
			Vertical dimension of an object measured when the object is in the upright position. The format is FFFFFFII where FFFFFF is feet and II is inches; the range for II is 00 through 11.		
			Do not provide when VID09 is sent.		
	VID08	**189**	**Width**	**O**	**R 1/8**
			Shorter measurement of the two horizontal dimensions measured with the		

object in the upright position. The format is FFFFFFII where FFFFFF is feet and II is inches; the range for II is 00 through 11.

Do not provide when VID09 is sent.

	VID09	24	**Equipment Type**	**O**	**ID 1/4**

Code identifying equipment type

When reporting Equipment Type, the relevant ISO code for the equipment characteristics is sufficient. Refer to CAMIR Appendix M for valid codes.

If a valid code is used, the last two characters will override value in VID01.

VID09 may be used in lieu of VID06, VID07, and VID08.

Must Use	VID10	322	**Load/Empty Status Code**	**O**	**ID 1/1**

Code which specifies the loaded condition of transportation equipment

Required by CBP.

This field must equal 'E' when M1109 is '12' for Empty Equipment.

Values accepted by CBP:

E	Empty	
L	Loaded	

	VID11	56	**Type of Service Code**	**O**	**ID 1/2**

Code specifying extent of transportation service requested

Values accepted by CBP.

BB	Breakbulk
CS	Container Station
CY	Container Yard
HH	House-to-house
HL	Headload or Devanning
HP	House-to-pier
MD	Mixed Delivery
NC	Non-containerized cargo
PH	Pier-to-house
PP	Pier-to-pier
RR	Roll-on Roll-off

Not Used	VID12	310	**Location Identifier**	**O**	**AN 1/30**
Not Used	VID13	140	**Standard Carrier Alpha Code**	**O**	**ID 2/4**

| | | | | | Segment: | **VC** Motor Vehicle Control | | |

Segment: **VC** Motor Vehicle Control
Position: 180
Loop: VID   Optional (Dependent)
Level:
Usage: Optional
Max Use: 9999
Purpose: To define motor vehicle identification and logistics
Syntax Notes:
Semantic Notes: 1   VC05 is the automotive manufacturer route code.
Notes: CBP accepts Vehicle Identification Numbers (VIN's) in this segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**VC01**	**539**	**Vehicle Identification Number**	**M**	**AN 1/25**
			Unique identification number stamped on the vehicle by the manufacturer		
Not Used	**VC02**	**836**	**Vehicle Deck Position Code**	**O**	**ID 1/2**
Not Used	**VC03**	**837**	**Vehicle Type Code**	**O**	**ID 1/1**
Not Used	**VC04**	**838**	**Dealer Code**	**O**	**AN 2/9**
Not Used	**VC05**	**1**	**Route Code**	**O**	**AN 1/13**
Not Used	**VC06**	**839**	**Bay Location**	**O**	**AN 1/6**
Not Used	**VC07**	**833**	**Automotive Manufacturers Code**	**O**	**ID 1/2**
Not Used	**VC08**	**308**	**Damage Exception Indicator**	**O**	**ID 1/1**
Not Used	**VC09**	**835**	**Supplemental Inspection Code**	**O**	**ID 1/1**
Not Used	**VC10**	**583**	**Factory Car Order Number**	**O**	**AN 6/10**
Not Used	**VC11**	**877**	**Vessel Stowage Location**	**O**	**AN 1/12**

Segment: # N10 Quantity and Description
Position: 190
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 N1006 or N1013 is present, then the other is required.
3   If either N1007 or N1008 is present, then the other is required.
Semantic Notes:
1   N1009 is the U.S. Customs bar code number for line release.
2   N1011 is the country of the manufacturer of the goods.
3   N1012 is the country of the final destination of the goods.
4   N1013 is the currency of the value of N1006.
Notes:
1. There must be at least one N10 segment if 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 and Marks and Numbers elements.
3. Tariff data (HTS must be included on all bills designated for export (T&E, IE)).
4. For every N10 segment sent, N1003 Marks and Numbers data element must be included.
Example: If more description is available than Marks and Numbers, add "." to Marks and Numbers field.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Dep	N1001	380	**Quantity**	O	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' or blank.

- CBP will accept up to 10 numeric characters in this element.

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N1002	369	**Free-form Description**	O	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.

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N1003	87	**Marks and Numbers**	O	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 will accept up to 45 alpha/numeric characters in this element.

Dep	N1004	23	**Commodity Code Qualifier**	X	ID 1/1

Code identifying the commodity coding system used for Commodity Code

Required if M1201 is T&E '62' or IE '63'or M1109 BOL Type Code is '35' or '36' FROB Bill of Lading with Security Filing.

If either N1004 or N1005 is present, then the other is required.

    J   Harmonized Tariff System Code

CBP will use a six digit Harmonized code.

	N1005	22	**Commodity Code**	X	AN 1/30

Code describing a commodity or group of commodities

Harmonized Tariff Schedule code. Required if M1201 Entry Type T&E '62' or IE '63' or M1109 BOL Type Code is '35' or '36' FROB Bill of Lading with ISF. If either N1004 or N1005 is present, then the other is required.

- CBP will only accept 6 to 10 numeric characters in this element.

CBP will only validate the first 6 bytes and return the associated description when necessary.

Dep	N1006	602	**Customs Shipment Value**	X	AN 2/8

Customs value in whole dollars

Value in whole U.S. dollars. No decimals.

Required if M1201 is T&E '62' or IE '63'.

New for *Ocean House Bill Release:* Required if M1109 is of Section 321 Release bill types '13', '14', '21' or '22' and must be greater than $0 and cannot exceed the de minimis value threshold, currently $800.

Dep	N1007	188	**Weight Unit Code**	X	ID 1/1

Code specifying the weight unit

Required if M1201 is T&E '62' or IE '63'.

Required if data found in N1008.

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

Dep	N1008	81	**Weight**	X	R 1/10

Numeric value of weight

Value in whole numbers. No decimals.

Required if M1201 is T&E '62' or IE '63'.

Required if data found in N1007.

Not Used	N1009	127	**Reference Identification**	O	AN 1/30
	N1010	599	**Manifest Unit Code**	O	ID 1/3

Code defining the smallest package unit for the bill of lading.

Refer to CAMIR Appendix N for valid codes.

This element accepts only 3 alphas.

Not Used	N1011	26	**Country Code**	O	ID 2/3

Code identifying the country

ISO 2 alpha Country Code.

This code represents the country of origin of the shipment.

Refer to ~~CAMIR Appendix G~~ ACE CATAIR Appendix B - Valid Codes' Country and Currency Codes section for valid codes.

Not Used	N1012	26	**Country Code**	O	ID 2/3
Not Used	N1013	100	**Currency Code**	X	ID 3/3

	Segment:		**H1** Hazardous Material

Segment: **H1** Hazardous Material
Position: 200
Loop: H1 Optional (Dependent)
Level:
Usage: Optional (Dependent)
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: CBP usage of the H1 segment is Conditional - If hazardous cargo is being carried it must be reported.

	Ref. Des.	Data Element	Name	Attributes	
M	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) List.		
	H102	209	**Hazardous Material Class Code**	O	AN 1/4
			Code specifying the kind of hazard for a material		
			A code representing the identification number assigned to the hazardous material.		
Must Use	H103	208	**Hazardous Material Code Qualifier**	O	ID 1/1
			Code which qualifies the Hazardous Material Class Code (209)		
			Required by CBP. Value accepted by CBP.		
			U United Nations		
	H104	64	**Hazardous Material Description**	O	AN 2/30
			Material name, special instructions, and phone number if any		
			First 30 alpha/numeric characters of the Proper Shipping Name, next 30 alpha/numeric characters will be placed in H201.		
	H105	63	**Hazardous Material Contact**	O	AN 1/24
			Phone number and name of person or department to contact in case of emergency		
			Name and/or phone number for the HAZMAT contact.		
	H106	200	**Hazardous Materials Page**	O	AN 1/6
			The United Nations page number as required for the international transport of hazardous materials		
			The page number in the IMDG code on which the hazardous material identification is found.		
	H107	77	**Flashpoint Temperature**	X	N 1/3
			The flashpoint temperature for hazardous material		
			A code representing the lowest temperature at which the vapor of a hazardous combustible material will ignite in the air. No decimals. If either H107 or H108 is present, then the other is required.		
	H108	355	**Unit or Basis for Measurement Code**	X	ID 1/2
			Code specifying the units in which a value is being expressed or manner in which a measurement has been taken		
			A code representing the basic unit of measurement (UOM) for the flashpoint temperature. If either H107 or H108 is present, then the other is required.		
			CE Centigrade, Celsius		
Not Used	H109	254	**Packing Group Code**	O	ID 1/3

|	Segment:	**H2** Additional Hazardous Material Description
	Position:	210
	Loop:	H1 Optional (Dependent)
	Level:	
	Usage:	Optional
	Max Use:	2
	Purpose:	To specify free-form hazardous material descriptive data in addition to the information provided in the H1 segment
Syntax Notes:		
Semantic Notes:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**H201**	**64**	**Hazardous Material Description**	**M**	**AN 2/30**
			Material name, special instructions, and phone number if any		
			Additional 30 alpha/numeric characters of the Proper Shipping Name (H105).		
Not Used	**H202**	**274**	**Hazardous Material Classification**	**O**	**AN 1/30**

|	Segment:	**SE** Transaction Set Trailer
	Position:	200
	Loop:	
	Level:	
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To define 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. Des.	Data Element	Name	Attributes	
M	SE01	96	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE	M	N0 1/10
M	SE02	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	AN0 4/9
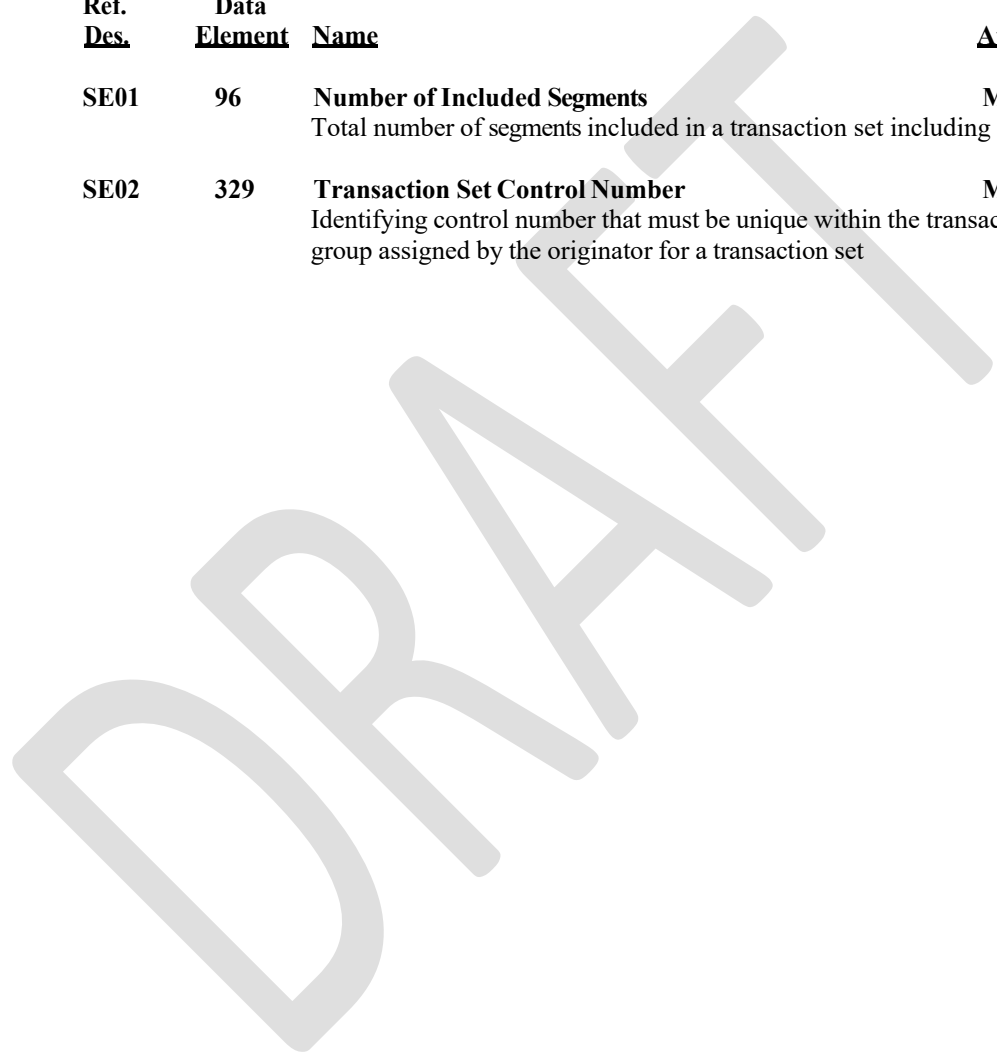
Segment:	**GE** Functional Group Trailer				
Position:	220				
Loop:					
Level:					
Usage:	Mandatory				
Max Use:	1				
Purpose:	To indicate the end of a functional group and to provide control information				
Syntax Notes:					
Semantic Notes:	1	The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.			

Data Element Summary

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

	Segment:	**IEA** Interchange Control Trailer
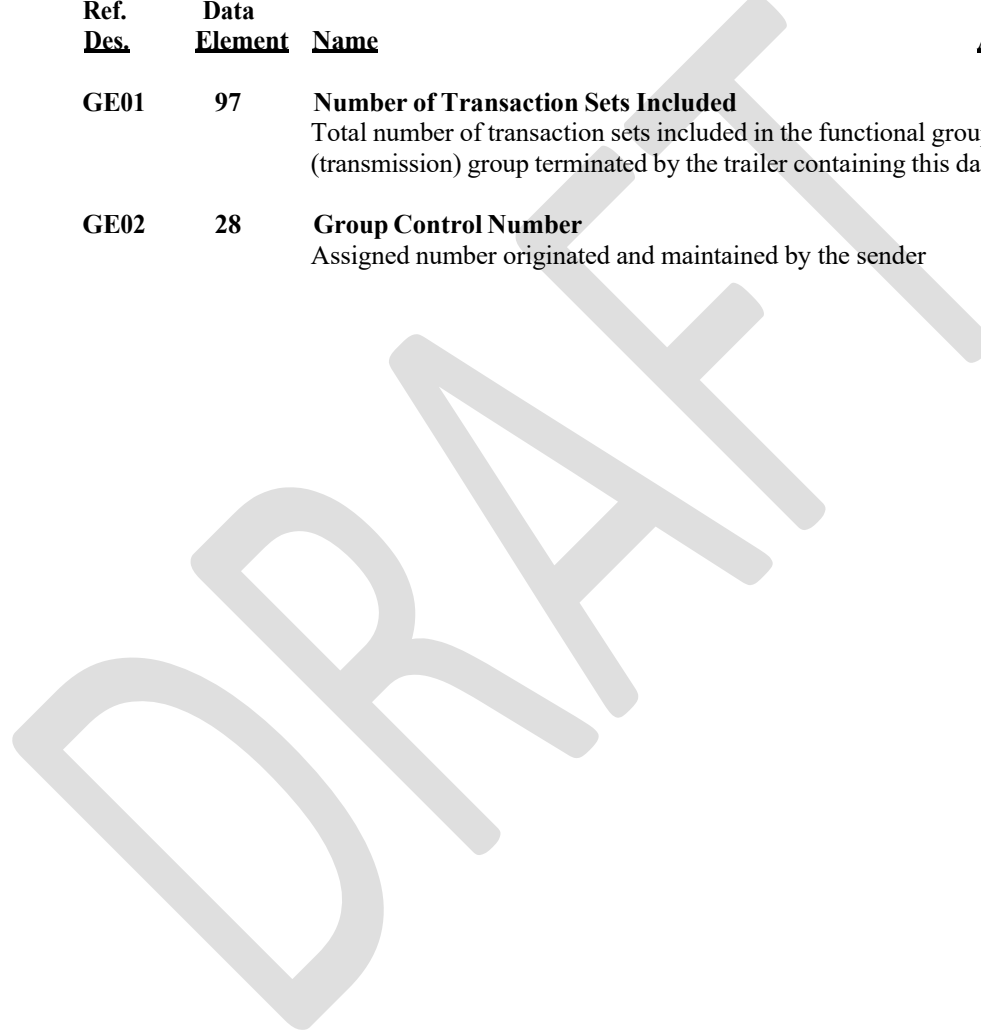
Segment: **IEA** Interchange Control Trailer
Position: 240
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:

Data Element Summary

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