

CBP Automated Export System Trade Interface Requirements

309 Manifest Booking

June 26, 2008



U.S. Customs and
Border Protection



309 Customs and Border Protection (CBP) - Manifest (Booking)

Functional Group ID=**SO**

Introduction:

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

Notes:

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

<u>User Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
M	001	ISA	Interchange Control Header	M	1	
M	002	GS	Functional Group Header	M	1	
M	010	ST	Transaction Set Header	M	1	
M	020	M10	Manifest Identifying Information	M	1	
LOOP ID - P4						20
M	040	P4	U.S. Port Information	M	1	
LOOP ID - LX						9999
M	060	LX	Assigned Number	M	1	
	070	M13	Manifest Amendment Details	O	1	
M/U	080	M11	Manifest Bill of Lading Details	O	1	
M/U	085	N9	Reference Identification	O	999	
LOOP ID - N1						5
M	100	N1	Name	M	1	
	110	N3	Address Information	O	2	
	120	N4	Geographic Location	O	1	
Not Used	123	DTM	Date/Time Reference	O	1	
	125	PER	Administrative Communications Contact	O	1	
LOOP ID - M12						1
Not Used	130	M12	In-bond Identifying Information	O	1	
Not Used	135	P5	Port Information	O	5	
LOOP ID - VID						999
M/U	150	VID	Conveyance Identification	O	1	
	155	VC	Motor Vehicle Control	O	21	
LOOP ID - N10						999
	160	N10	Quantity and Description	O	1	
LOOP ID - H1						10
Not Used	165	H1	Hazardous Material	O	1	
Not Used	166	H2	Additional Hazardous Material Description	O	99	
M	200	SE	Transaction Set Trailer	M	1	
M	210	GE	Functional Group Trailer	M	1	

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

Data Element Summary

<u>User Attribute</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ISA01	I01	Authorization Information Qualifier Code to identify the type of information in the Authorization Information 00 No Authorization Information Present (No Meaningful Information in I02)	M 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) Provide spaces.	M AN 10/10
M	ISA03	I03	Security Information Qualifier Code to identify the type of information in the Security Information 01 Password	M 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) PASSWORD A code representing the password agreed upon between the Customs and Border Protection (CBP) and the participant. Equivalent AESTIR Proprietary Element: ACR - Password.	M AN 10/10
M	ISA05	I05	Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified 02 SCAC (Standard Carrier Alpha Code)	M 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 USER CODE The SCAC code representing the transmitter ID as a carrier or service center. Equivalent AESTIR Proprietary Element: ACR - User Code, ZCR - User Code.	M AN 15/15
M	ISA07	I05	Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified Customs and Border Protection (CBP). ZZ Mutually Defined	M 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	M AN 15/15

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

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

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	GS01	479 Functional Identifier Code	M ID 2/2
		Code identifying a group of application related transaction sets RO Ocean Booking Information (300, 301, 303)	
M	GS02	142 Application Sender's Code	M AN 2/15
		Code identifying party sending transmission; codes agreed to by trading partners Provide SCAC code identifying party sending transmission.	
M	GS03	124 Application Receiver's Code	M AN 2/15
		Code identifying party receiving transmission; codes agreed to by trading partners Provide "USCSAES".	
M	GS04	373 Date	M DT 8/8
		Date expressed as CCYYMMDD Provide date "YYYYMMDD" of transmission.	
M	GS05	337 Time	M TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) Provide time of transmission.	
M	GS06	28 Group Control Number	M N0 1/9
		Assigned number originated and maintained by the sender Provide group number for batch default "000000001" .	
M	GS07	455 Responsible Agency Code	M ID 1/2
		Code used in conjunction with Data Element 480 to identify the issuer of the standard X Accredited Standards Committee X12	
M	GS08	480 Version / Release / Industry Identifier Code	M AN 1/12
		Code indicating the version, release, 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 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997	

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

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3
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 AN 4/9

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

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	M1001	140	Standard Carrier Alpha Code Standard Carrier Alpha Code CARRIER CODE A code representing the importing/exporting carrier. This is the Standard Carrier Alpha Code (SCAC) issued by the National Motor Freight Traffic Association Inc., 2200 Mill Road, Alexandria, VA 22310. For water carriers who own their containers, the SCAC is issued by the Intermodal Transportation Association, 6410 Kenilworth Ave., Suite 108, Riverdale, MD 20737.	M ID 2/4
M	M1002	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment MODE OF TRANSPORTATION CODE A code indicating the type of vessel used to carry the manifested cargo. VE Vessel, Ocean	M ID 1/2
M	M1003	26	Country Code Code identifying the country COUNTRY CODE An International Standards Organization (ISO) code representing the flag of the vessel. Required for input to the Customs and Border Protection (CBP).	M ID 2/3
	M1004	597	Vessel Code Code identifying vessel CONVEYANCE CODE The Lloyds of London registry code representing the exporting conveyance. This code is Mandatory if Vessel Name is not entered.	X ID 1/8
	M1005	182	Vessel Name Name of ship as documented in "Lloyd's Register of Ships" VESSEL NAME A valid vessel name. Mandatory if missing Vessel Code.	X AN 2/28
M	M1006	55	Flight/Voyage Number Identifying designator for the particular flight or voyage on which the cargo travels VOYAGE NUMBER	M AN 2/10

			<p>The voyage number. Required for input to the Customs and Border Protection (CBP). If not known, send Julian date.</p> <p>Voyage Number may not be reused within one year. If the carrier attempts to reuse the number AES will reject the Booking with fatal error 687.</p> <p>Equivalent AESTIR Proprietary Element: M01 - Voyage Number.</p>
	M1007	127	<p>Reference Identification O AN 1/30</p> <p>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>SEQUENCE NUMBER</p> <p>Optional, carrier assigned sequence number. The default is one (1). It may be a date. Once transmitted, it cannot be changed. All subsequent transmissions for the manifest must use the original manifest sequence number.</p>
M	M1008	380	<p>Equivalent AESTIR Proprietary Element: M01 - Manifest Sequence Number.</p> <p>Quantity M R 1/15</p> <p>Numeric value of quantity</p> <p>TOTAL NUMBER OF BOOKINGS</p> <p>A value representing the total number of bookings or bills of lading for all Customs and Border Protection (CBP) Districts/Ports of lading or unloading on the manifest. This is a mandatory data element for transmissions to CBP. It is not used in transmissions from CBP.</p>
M	M1009	256	<p>Equivalent AESTIR Proprietary Element: M01 - Number of Bookings or Bills of Lading.</p> <p>Manifest Type Code M ID 1/1</p> <p>Code identifying the type of manifest transmitted</p> <p>APPLICATION IDENTIFIER</p> <p>A code representing the type of application detail data contained within the block.</p> <p>D Updating Export Manifest Prior to Vessel Departure from Carrier to CBP. E Original Export Manifest from Carrier to CBP. P Preliminary Manifest from Carrier to CBP.</p>
Not Used	M1010	897	<p>Equivalent AESTIR Proprietary Element: ACR - Application Identifier.</p> <p>Vessel Code Qualifier X ID 1/1</p> <p>Code specifying vessel code source</p>
Not Used	M1011	1073	<p>Yes/No Condition or Response Code O ID 1/1</p> <p>Code indicating a Yes or No condition or response</p>
	M1012	127	<p>Reference Identification O AN 1/30</p> <p>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>CARRIER ASSIGNED NUMBER</p> <p>Optional, carrier assigned number, 1-23 positions. There is no editing on the format and it is returned as received in the CBP output Acceptance/Rejection Transaction Set (355) to the carriers. This is not used in the Status Information Transaction Set (350) returned from CBP to the carriers.</p> <p>Equivalent AESTIR Proprietary Element: M01 - Carrier Assigned Number</p>

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

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	P401	310	Location Identifier Code which identifies a specific location PORT OF LADING CODE A code representing the Customs and Border Protection (CBP) District/Port of Lading. For listing of valid codes, use AESTIR Part III, Appendix D. Equivalent AESTIR Proprietary Element: P01 - CBP Port of Lading Code.	M AN 1/30
M	P402	373	Date Date expressed as CCYYMMDD ESTIMATED DATE OF DEPARTURE A date in the "YYYYMMDD" format representing the scheduled date of departure from (for exports) or arrival at (for imports) this port. Equivalent AESTIR Proprietary Element: P01 - Estimated Date of Departure.	M DT 8/8
M/U	P403	380	Quantity Numeric value of quantity NUMBER OF BOOKINGS FOR PORT A value representing the total number of bookings or bills of lading/house bills transmitted for this Port. Equivalent AESTIR Proprietary Element: P01 - Number of Bookings or Bills of Lading for Port.	O R 1/15
Not Used	P404	310	Location Identifier Code which identifies a specific location	O AN 1/30
Not Used	P405	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)	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

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	LX01	554	Assigned Number	M N0 1/6
			Number assigned for differentiation within a transaction set	
			LOOP CONTROL NUMBER	
			Provide sender control number for the loop.	

Segment: **M13** Manifest Amendment Details
Position: 070
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 arrival

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	M1301	140	Standard Carrier Alpha Code Standard Carrier Alpha Code CARRIER CODE SCAC of the Booking issuer.	M ID 2/4
M	M1302	310	Equivalent AESTIR Proprietary Element: A01 - Carrier Code. Location Identifier Code which identifies a specific location CONTROL NUMBER Provide Booking number.	M AN 1/30
M/U	M1303	580	Equivalent AESTIR Proprietary Element: A01 - Control Number. Amendment Type Code Code identifying type of manifest amendment ACTION CODE A code representing the type of booking amendment. Valid Codes are: A = Add a Booking D = Delete a Booking R = Replace a Booking. (Use element N904 for "Estimated Date of Departure".)	O ID 1/1
Not Used	M1304	598	Equivalent AESTIR Proprietary Element: A01 Action Code. Bill of Lading/Waybill Number Identification number assigned to the shipment by the carrier or consolidator	C AN 1/12
Not Used	M1305	380	Quantity Numeric value of quantity	O R 1/15
Not Used	M1306	393	Amendment Code Code giving the reasons for the amendment of the manifest record	O ID 2/2
Not Used	M1307	306	Action Code Code indicating type of action	O ID 1/2
M/U	M1308	598	Bill of Lading/Waybill Number Identification number assigned to the shipment by the carrier or consolidator QUALIFIER Provide Booking Qualifier: MB = Master Booking Number Future Use: HB = House Booking Number	X AN 1/12

B = House Bill of Lading Number

M/U

M1309

140

Equivalent AESTIR Proprietary Element: A01 - Qualifier.

Standard Carrier Alpha Code

O ID 2/4

Standard Carrier Alpha Code

PORT CODE

A code representing the Customs and Border Protection (CBP) District/Port of Lading. Use CBP Schedule D.

Not Used

M1310

140

Equivalent AESTIR Proprietary Element: A01 - CBP Port.

Standard Carrier Alpha Code

X ID 2/4

Standard Carrier Alpha Code

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

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	M1101	598 Bill of Lading/Waybill Number Identification number assigned to the shipment by the carrier or consolidator	C AN 1/12
M/U	M1102	310 Location Identifier Code which identifies a specific location FOREIGN PORT Provide foreign port of unloading.	C AN 1/30
M/U	M1103	380 Quantity Numeric value of quantity QUANTITY A value representing the total number of pieces on the booking (e.g., if there are 10 ctn and 10 bal on one booking, insert the number 20 in this field). Use the smaller exterior package unit. Piece count units are given in the N10 record. The total number of N10 piece counts for the booking must equal the booking quantity. The value must be greater than zero.	C R 1/15
M/U	M1104	599 Manifest Unit Code Code defining the smallest package unit for the bill of lading QUANTITY - UNIT OF MEASURE CODE A code representing the booking unit of measure, such as CTN. If the unit is more than three characters, truncate the excess.	C ID 1/3
M/U	M1105	81 Weight Numeric value of weight WEIGHT A value representing the gross weight in pounds or kilos. Input only whole numbers; no decimals or fractions. The value must be greater than zero.	C R 1/10
M/U	M1106	188 Weight Unit Code Code specifying the weight unit WEIGHT - UNIT OF MEASURE CODE A code representing the unit of measure for the Weight value in the previous field. K Kilograms L Pounds Equivalent AESTIR Proprietary Element: B02 - Weight Unit.	C ID 1/1

Not Used	M1107	183	Volume Value of volumetric measure	X	R 1/8
Not Used	M1108	184	Volume Unit Qualifier Code identifying the volume unit	X	ID 1/1
Not Used	M1109	582	Bill of Lading Type Code Code identifying the type of bill of lading	O	ID 2/2
Not Used	M1110	600	Place of Receipt by Pre-carrier The city or country in which the pre-carrier took possession of the cargo	O	AN 1/17
Not Used	M1111	598	Bill of Lading/Waybill Number Identification number assigned to the shipment by the carrier or consolidator	X	AN 1/12
M	M1112	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M	ID 2/4
ISSUER CODE					
A SCAC code of the issuer of the booking.					
Equivalent AESTIR Proprietary Element: J01 - Carrier Master Booking/Bill of Lading Issuer Code.					
Not Used	M1113	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	X	ID 2/4
M/U	M1114	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	X	ID 2/4
NUMBER OF CONTAINERS					
A numeric count as to the number of containers required for this booking.					
Equivalent AESTIR Proprietary Element: B02 - Number of Containers.					
Not Used	M1115	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	X	ID 2/4
Not Used	M1116	1302	Electronic Export Information Requirements Code identifying which Electronic Export Information (EEI) requirements are being met	O	AN 1/2
Not Used	M1117	1578	Export Exception Code Code specifying why a Electronic Export Information (EEI) is not required	O	ID 2/2
M/U	M1118	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	O	ID 2/4
HAZMAT FLAG					
Enter "YES" or "NO" indicating that the cargo in this booking is/is not potentially hazardous.					
Equivalent AESTIR Proprietary Element: B02 - Hazmat Flag.					
Not Used	M1119	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	O	ID 2/4

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

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification QUALIFIER Control number qualifier. Booking Number	M ID 2/3
M	N902	127	Equivalent AESTIR Proprietary Element: B02 - Qualifier. Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier CONTROL NUMBER The number representing the issuer-assigned control number that identifies the booking. The control number must be unique by vessel voyage.	M AN 1/30
M/U	N903	369	Equivalent AESTIR Proprietary Element: B02 - Control Number. Free-form Description Free-form descriptive text DESTINATION COUNTRY The ISO code representing the foreign country where the carriers' responsibility for the shipment ends. For listing of valid codes, use AESTIR Part III, Appendix C.	X AN 1/45
	N904	373	Equivalent AESTIR Proprietary Element: B02 - Destination Country. Date Date expressed as CCYYMMDD ESTIMATED DATE OF DEPARTURE The last accepted, estimated departure date of the booking. Format is YYYYMMDD.	C DT 8/8
Not Used	N905	337	Equivalent AESTIR Proprietary Element: A01 - Estimated Date of Departure. 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 are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
Not Used	N907	C040	Reference Identifier To identify one or more reference numbers or identification numbers as	O

Not Used	C04001	128	specified by the Reference Qualifier Reference Identification Qualifier	O	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04002	127	Reference Identification	O	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: N1 Name
Position: 100
Loop: N1 Mandatory
Level:
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual PARTY TYPE	
			Code identifying type of party in booking.	
			Equivalent AESTIR Proprietary Element: N01 - Party Type.	
			CN Consignee	
			IC Intermediate Consignee	
			SH Shipper	
			UC Ultimate Consignee	
			ZZ Mutually Defined	
			Carrier Customer	
	N102	93	Name	X AN 1/60
			Free-form name PARTY NAME	
			Company Name, required if Party is being established for the first time or no Party ID is on file in AES. For Consignees without a Party ID, this field is mandatory.	
			Equivalent AESTIR Proprietary Element: N01 - Party Name.	
	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67) PARTY ID TYPE	
			Type of ID (e.g. DUNS, SSN).	
			Equivalent AESTIR Proprietary Element: N01 - Party ID Type.	
			The Census Bureau has eliminated the acceptance of SSN on any new filings effective December 3, 2009. Corrections (change, replace or cancel) to shipments filed with SSN prior to the effective date will continue to be accepted.	
			1 D-U-N-S Number, Dun & Bradstreet	
			34 Social Security Number	
			EI Employer Identification Number	
			ZC Contractor Establishment Code	
			Other	
	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code PARTY ID NUMBER	
			Provide the DUNS, SSN, EIN, or Other Carrier Unique Identifier.	

Equivalent AESTIR Proprietary Element: N01 - Party ID Number.

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

Not Used	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
Not Used	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	

Segment: N3 Address Information
Position: 110
Loop: N1 Mandatory
Level:
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Notes: Send only one N3 record for an N1 record.

Data Element Summary

<u>User Attribute</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
	N301	166	Address Information Address information MAILING ADDRESS, LINE 1 Mailing Address Line 1, required if Party is being established for the first time or if no Party ID is on file in AES. This applies to all parties. Equivalent AESTIR Proprietary Element: N02 - Address, Line 1.	C AN 1/55
	N302	166	Address Information Address information MAILING ADDRESS, LINE 2 Additional Address Line 2. Equivalent AESTIR Proprietary Element: N02 - Address, Line 2.	O AN 1/55

Segment: N4 Geographic Location
Position: 120
Loop: N1 Mandatory
Level:
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party

Data Element Summary

<u>User Attribute</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
	N401	19	City Name Free-form text for city name CITY Mailing City, required if party is being established for the first time or no party ID is on file in AES. This applies to all parties. Equivalent AESTIR Proprietary Element: N03 - City.	O AN 2/30
	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency STATE U.S. State abbreviation or foreign state name. For both EB and XI applications, required for Shipper or Carrier Customer when COUNTRY code is US, MX or CA if the Party ID Number and the Party ID Type do not exist in AES or are not provided. Optional for Consignee, Ultimate Consignee and Intermediate Consignee. For both EB and XI applications, for Shipper, Carrier Customer, Consignee, Ultimate Consignee and Intermediate Consignee, STATE must be a valid STATE code when COUNTRY code is US, MX or CA. Equivalent AESTIR Proprietary Element: N03 - State.	O ID 2/2
	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) POSTAL CODE Zip Code. For both EB and XI applications, required for Shipper, Carrier Customer when COUNTRY code is US if the Party ID Number and the Party ID Type do not exist in AES or are not provided. Optional for Consignee, Ultimate Consignee and Intermediate Consignee. Equivalent AESTIR Proprietary Element: N03 - Postal Code.	O ID 3/15
	N404	26	Country Code Code identifying the country COUNTRY CODE ISO Country code. For both EB and XI applications, required for Shipper, Carrier Customer, Consignee, Ultimate Consignee and Intermediate Consignee if the Party ID Number and the Party ID Type do not exist in AES or are not provided. For both EB and XI applications, for Shipper, Carrier Customer, Consignee, Ultimate Consignee or Intermediate Consignee, the COUNTRY code must be a valid ISO country code.	O ID 2/3

Not Used	N405	309	Equivalent AESTIR Proprietary Element: N03 - Country. Location Qualifier	X	ID 1/2
			Code identifying type of location		
Not Used	N406	310	Location Identifier	O	AN 1/30
			Code which identifies a specific location		

Segment: **PER Administrative Communications Contact**
Position: 125
Loop: N1 Mandatory
Level:
Usage: Optional
Max Use: 1
Purpose: To identify a person or office to whom administrative communications should be directed

Data Element Summary

<u>User Attribute</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named CONTACT CODE Enter "CN" to identify Party's contact information as "General Contact."	C ID 2/2
	PER02	93	Name Free-form name CONTACT PARTY Contact Party's Name or Title, required if Party is being established for the first time or no Party ID is on file in AES. This applies to shippers and carrier customers only. Provide contact first name (positions 1 - 13), SPACE (position 14), and last name (positions 15 - 34). Equivalent AESTIR Proprietary Elements: N01 - Contact First Name; N01 - Contact Last Name.	C AN 1/60
	PER03	365	Communication Number Qualifier Code identifying the type of communication number COMMUNICATIONS QUALIFIER Enter "TE" for Party's contact phone number.	C ID 2/2
	PER04	364	Communication Number Complete communications number including country or area code when applicable CONTACT TELEPHONE NUMBER Contact Party's Phone, required if Party is being established for the first time or if no Party ID is on file in AES. For 1-800 numbers provide 11 numbers without spaces or dashes. For other numbers, provide 10 numbers without spaces or dashes and left justify. Equivalent AESTIR Proprietary Element: N02 - Contact Phone.	C AN 1/80
Not Used	PER05	365	Communication Number Qualifier Code identifying the type of communication number	X ID 2/2
Not Used	PER06	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80
Not Used	PER07	365	Communication Number Qualifier Code identifying the type of communication number	X ID 2/2
Not Used	PER08	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80
Not Used	PER09	443	Contact Inquiry Reference Additional reference number or description to clarify a contact number	O AN 1/20

Segment: **VID** **Conveyance Identification**
Position: 150
Loop: VID Optional (Must Use)
Level:
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a conveyance and its attributes
Notes: Send only one VID record for an M11 record.

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	VID01	40 Equipment Description Code Code identifying type of equipment used for shipment	C ID 2/2
Not Used	VID02	206 Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number	O AN 1/4
Not Used	VID03	207 Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	C AN 1/10
Not Used	VID04	225 Seal Number Unique number on seal used to close a shipment	O AN 2/15
Not Used	VID05	225 Seal Number Unique number on seal used to close a shipment	O AN 2/15
M/U	VID06	567 Equipment Length 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) CONTAINER/EQUIPMENT LENGTH Length (in feet and inches) of the container. Equivalent Proprietary Element: B03 - Container/Equipment Length.	O N0 4/5
Not Used	VID07	65 Height Vertical dimension of an object measured when the object is in the upright position	O R 1/8
Not Used	VID08	189 Width Shorter measurement of the two horizontal dimensions measured with the object in the upright position	O R 1/8
M/U	VID09	24 Equipment Type Code identifying equipment type CONTAINER/EQUIPMENT TYPE CODE Code identifying the equipment type. See AESTIR Appendix P for a list of codes. Equivalent Proprietary Element: B03 - Container/Equipment Type.	O ID 4/4
Not Used	VID10	322 Load/Empty Status Code Code which specifies the loaded condition of transportation equipment	O ID 1/1
	VID11	56 Type of Service Code Code specifying extent of transportation service requested TYPE OF SERVICE CODE Code specifying extent of transportation service requested. See AESTIR Part III, Appendix G for the list of Type of Service codes. Equivalent Proprietary Element: B02 - Type of Service.	O ID 2/2
	VID12	310 Location Identifier	O AN 1/30

Code which identifies a specific location

PLACE OF RECEIPT CITY NAME

A valid city name for place of receipt by carrier must be provided for Bookings.

Equivalent Proprietary Element: B03 - City Name for Place of Receipt.

VID13

140

Standard Carrier Alpha Code

O ID 2/4

Standard Carrier Alpha Code

PLACE OF RECEIPT STATE CODE

Provide U.S. state code abbreviation. Required if city name for place of receipt is provided.

Equivalent Proprietary Element: B03 - State.

Segment: VC Motor Vehicle Control
Position: 155
Loop: VID Optional (Must Use)
Level:
Usage: Optional
Max Use: 21
Purpose: To define motor vehicle identification and logistics
Notes: Provide VIN numbers for vehicles being shipped.

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	VC01	539	Vehicle Identification Number Unique identification number stamped on the vehicle by the manufacturer VIN The unique vehicle identification number stamped on a vehicle by the manufacturer. Equivalent AESTIR Proprietary Element: C02 - VIN.	M AN 1/25
Not Used	VC02	836	Vehicle Deck Position Code Code to identify 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 ID 2/2
Not Used	VC03	837	Vehicle Type Code Vehicle Type Code for freight rate and claims purposes	O ID 1/1
Not Used	VC04	838	Dealer Code A code assigned by a manufacturer to identify their dealers	O AN 2/9
Not Used	VC05	1	Route Code Mutually defined route code	O AN 1/13
Not Used	VC06	839	Bay Location Location where the releasing agent placed the motor vehicle	O AN 1/6
Not Used	VC07	833	Automotive Manufacturers Code Code (ARR) used to identify vehicle manufacturer	O ID 2/2
Not Used	VC08	308	Damage Exception Indicator Code to indicate whether damage is being reported to a vehicle in this transaction set	O ID 1/1
Not Used	VC09	835	Supplemental Inspection Code A code to indicate a supplemental inspection	O ID 1/1
Not Used	VC10	583	Factory Car Order Number This number to be supplied by the shipper for Canadian customer requirements at border points for all finished motor vehicles exported to the United States from Canada	O AN 6/10
Not Used	VC11	877	Vessel Stowage Location Location of cargo stowed on board an ocean vessel	O AN 1/12

Segment: **N10** **Quantity and Description**
Position: 160
Loop: N10 Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To indicate line item quantity, description, marks and numbers, commodity code, weight, and Customs and Border Protection (CBP) value
Notes: Send only one N10 record for a VID record.

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M/U	N1001	380	Quantity Numeric value of quantity PIECE COUNT A value representing the total number of pieces in the container being described. This is the number of the smallest exterior package units. A carton, box, bag or crates are examples of smallest exterior packaging; a pallet and container are not. Equivalent AESTIR Proprietary Element: D01 - Piece Count.	C R 1/15
M/U	N1002	369	Free-form Description Free-form descriptive text CARGO DESCRIPTION A description of the cargo. Send only one description line per Booking. Equivalent AESTIR Proprietary Element: D01 - Description.	O AN 1/45
Not Used	N1003	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/48
Not Used	N1004	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code	X ID 1/1
M/U	N1005	22	Commodity Code Code describing a commodity or group of commodities LINE IDENTIFIER Line identifier for each line of description. Send only one line for a Booking. Equivalent AESTIR Proprietary Element: D01 - Line Number.	O AN 1/30
Not Used	N1006	602	Customs and Border Protection (CBP) Shipment Value Customs value in whole dollars	X AN 2/8
Not Used	N1007	188	Weight Unit Code Code specifying the weight unit	X ID 1/1
Not Used	N1008	81	Weight Numeric value of weight	X R 1/10
Not Used	N1009	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O AN 1/30
Not Used	N1010	599	Manifest Unit Code Code defining the smallest package unit for the bill of lading	O ID 1/3
Not Used	N1011	26	Country Code Code identifying the country	O ID 2/3
Not Used	N1012	26	Country Code Code identifying the country	O ID 2/3

Not Used

N1013

100

Currency Code

X ID 3/3

Code (Standard ISO) for country in whose currency the charges are specified

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

Data Element Summary

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

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

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
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
Position: 220
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
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