ACE Electronic Ocean Manifest Requirements

350 U.S. Customs and Border Protection Status

October 2015

U.S. Customs and Border Protection

350 U.S. Customs Status Information

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) Status Information Transaction Set (350) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by CBP to supply carriers, NVOCC's, terminal operators, port authorities and service providers with cargo release and cargo hold information for import shipments. It can also be used by CBP to provide exporters or their agents, carriers, and service providers with information pertaining to export shipments.

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:

This document has been altered to accommodate creation of a TS350 Un-manifested Container Report:
- Addition of the VID Segment within the P4 Loop
- Added X420 in support of Gate Out - resend indicator
- Added 'FC' Filer/Agent Code at N9 above the X4 Loop

The document's original functionality has been retained:

Empty equipment containing articles qualifying for IIT treatment will be manifested in the same manner as all other shipments (TS309). Status notifications (TS350) will go to authorized recipients.

All transactions will result in a new status notification which will be sent to all parties associated with the manifest.

Notes:
1. The X4 segment is provided for Bill of Lading status notifications.
2. The V9 segment is provided for vessel-level status notifications.

Special Messaging constraints:

- Limit one Interchange (ISA-IEA) per message transmission.
- Limit one message Group (GS-GE) per message transmission.
- Limit one transaction set (ST-SE) of the same Transaction Set (TS) Identifier Code (i.e., 350). Only one is allowed per message transmission.
- Element delimiters used in this transaction will be ' * ' (asterisk).
- Segment delimiters used in this transaction will be one byte with a value of hex '15'.
- A segment delimiter will be the last byte of data in the message transmission data stream.
- Only uppercase AMERICAN ENGLISH alphabetic data will be transmitted.
- ONLY displayable characters found on a standard American English keyboard will be transmitted. Low-values, carriage return characters, or other non-standard characters will NOT be transmitted.
- '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 megabytes (12,582,912 bytes) of data.

(Last Update: October 2015) ACE v 1.1

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
M	005	ISA	Interchange Control Header	M	1	
M	008	GS	Functional Group Header	M	1	
M	010	ST	Transaction Set Header	M	1	
	020	M10	Manifest Identifying Information	O	1	
			LOOP ID - P4			20
	040	P4	U.S. Port Information	O	1	
	045	V9	Event Detail	O	20	
	048	VID	Conveyance Identification	O	9999	
	050	K1	Remarks	O	4	
			LOOP ID - N9			999
	053	N9	Reference Identification	O	1	
Not Used	054	K1	Remarks	O	4	
			LOOP ID - X4			9999
	060	X4	Customs Release Information	O	1	
	070	K1	Remarks	O	4	
	081	N7	Equipment Details	O	999	
			LOOP ID - BA1			999
Not Used	085	BA1	Export Shipment Identifying Information	O	1	
			LOOP ID - X4			9999
Not Used	090	X4	Customs Release Information	O	1	
Not Used	095	K1	Remarks	O	4	
M	100	SE	Transaction Set Trailer	M	1	
M	105	GE	Functional Group Trailer	M	1	
M	110	IEA	Interchange Control Trailer	M	1	

Segment: **ISA** **Interchange Control Header**
Position: 005
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** Code to identify the type of information in the Authorization Information Always '00' 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) Always 10 spaces.	**M AN 10/10**
M	**ISA03**	**I03**	**Security Information Qualifier** Code to identify the type of information in the Security Information Always '00' 00 No Security Information Present (No Meaningful Information in I04)	**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) Always 10 spaces.	**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 Always 'ZZ' ZZ Mutually Defined	**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 'CUSTOMSTST' - Testing 'CUSTOMS' - Production	**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 Always 'ZZ' ZZ Mutually Defined	**M ID 2/2**

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		
			Receiver Identifier. Up to 4 alpha/numeric characters. Value will contain the Standard Carrier Alpha Code (SCAC) or the identity of the Service Center if applicable. May be identical to that of GS03.		
M	**ISA09**	**I08**	**Interchange Date**	**M**	**DT 6/6**
			Date of the interchange		
			Date as YYMMDD where: YY - Year MM - Month of Year DD - Day of Month		
M	**ISA10**	**I09**	**Interchange Time**	**M**	**TM 4/4**
			Time of the interchange		
			Time as HHMM where: HH - Hour MM – Minute		
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		
			Always '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		
			Always ' : ' (colon)		

Segment: **GS** **Functional Group Header**
Position: 008
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** Code identifying a group of application related transaction sets Always 'SO' SO Ocean Shipment Information	**M**	**ID 2/2**
M	**GS02**	**142**	**Application Sender's Code** Code identifying party sending transmission; codes agreed to by trading partners 'CUSTOMSTST' - Testing 'CUSTOMS' - Production	**M**	**AN 2/15**
M	**GS03**	**124**	**Application Receiver's Code** Code identifying party receiving transmission; codes agreed to by trading partners Receiver Identifier. Up to 4 alpha/numeric characters. Value will contain the Standard Carrier Alpha Code (SCAC) or the identity of the Service Center if applicable. May be identical to that of ISA08.	**M**	**AN 2/15**
M	**GS04**	**373**	**Date** Date expressed as CCYYMMDD Date as CCYYMMDD where: CC - Century YY - Year MM - Month of Year DD - Day of Month	**M**	**DT 8/8**
M	**GS05**	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) Time as HHMM where: HH - Hour MM – Minute	**M**	**TM 4/8**
M	**GS06**	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M**	**N0 1/9**
M	**GS07**	**455**	**Responsible Agency Code** Code used in conjunction with Data Element 480 to identify the issuer of the standard Always 'X' X Accredited Standards Committee X12	**M**	**ID 1/2**

M	**GS08**	**480**	**Version / Release / Industry Identifier Code**	**M**	**AN 1/12**

Code indicating the version, release, subrelease, 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 subrelease, 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**
Position: 010
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** Code uniquely identifying a Transaction Set Always '350' 350 U.S. Customs Status Information	**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: Optional
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: 1. May have Rail relationship as SNP.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**M1001**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code CBP returns the SCAC of the manifest associated with the conveyance in the M1004 and/or M1005.	**M**	**ID 2/4**
M	**M1002**	**91**	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment Values returned from CBP. O Containerized Ocean R Rail	**M**	**ID 1/2**
M	**M1003**	**26**	**Country Code** Code identifying the country ISO 2 alpha Country Code.	**M**	**ID 2/3**
	M1004	**597**	**Vessel Code** Code identifying vessel International Maritime Organization (IMO) Code issued by Lloyds will be returned if M1002 is 'O'.	**X**	**ID 1/8**
	M1005	**182**	**Vessel Name** Name of vessel CBP returns Vessel Name.	**X**	**AN 2/28**
M	**M1006**	**55**	**Flight/Voyage Number** Identifying designator for the particular flight or voyage on which the cargo travels CBP returns Voyage Number from original manifest.	**M**	**AN 2/10**
	M1007	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Unique carrier number which will be returned from CBP in the response. If not provided, CBP returns '000001' in the response message.	**O**	**AN 1/30**
Not Used	**M1008**	**380**	**Quantity**	**O**	**R 1/15**
M	**M1009**	**256**	**Manifest Type Code** Code identifying the type of manifest transmitted Always 'Z' Z Sent from US Customs to Carriers	**M**	**ID 1/1**

	M1010	**897**	**Vessel Code Qualifier**	**X**	**ID 1/1**
			Code specifying vessel code source		
			Value returned if provided on the inbound message.		
			L IMO Code issued by Lloyds.		
Not Used	**M1011**	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**
Not Used	**M1012**	**127**	**Reference Identification**	**O**	**AN 1/30**

Segment: **P4** **U.S. Port Information**
Position: 040
Loop: P4 Optional
Level:
Usage: Optional
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**P401**	**310**	**Location Identifier**	**M**	**AN 1/30**
			Code which identifies a specific location		
			When M1002 = 'R', CBP returns the Port of Arrival of the Train in the U.S. When M1002 = 'O', CBP returns the Port of Arrival for the Ocean Vessel.		
M	**P402**	**373**	**Date**	**M**	**DT 8/8**
			Date expressed as CCYYMMDD		
			CBP returns the Estimated Date of Arrival.		
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: **V9** **Event Detail**
Position: 045
Loop: P4 Optional
Level:
Usage: Optional
Max Use: 20
Purpose: To specify information about a specific event
Syntax Notes:
1 If either V910 or V911 is present, then the other is required.
2 If V913 is present, then V904 is required.
3 If V915 is present, then V909 is required.
Semantic Notes:
1 V903 is the event date.
2 V904 is the event time.
3 V909 is the Standard Point Location Code (SPLC) of the event shown in the V901.
4 V910 is the length of the time delay expressed in hours.
5 V913 reflects the time zone which the event time reflects.
6 V914 is the quantity of the fuel in gallons.
7 V915 is the Standard Point Location Code (SPLC) of the secondary point of the delay indicated in the V911.
8 V916 is the total number of rail cars associated with the event code in V901.
9 V917 is the total number of loaded cars associated with the event code in V901.
10 V918 is the total number of empty cars associated with the event code in V901.
11 V919 is the total Gross Tons of the cars identified in V916. Includes the gross weight of the loads and the tare weight of the empties.
12 V920 is the total outside foot length of the cars identified in V916, rounded off to the nearest foot.
Notes: When M1002 = 'R' this segment is not transmitted.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	**V901**	**304**	**Event Code**		**M**	**ID 1/3**
			Code identifying the event about which a report is made			
			Values returned by CBP.			
			AAD	Arrival of Conveyance		
			ACC	Acceptance of Vessel Stowage Plan		
				No unmanifested equipment found.		
			COC	Arrival Cancelled (can only be performed by Customs personnel in portal)		
				This capability is restricted to the most recent arrival of a vessel/voyage in a port and can only be performed by Customs personnel via the portal. This cancellation will negate the arrivals/exports of in-bonds associated with the vessel/voyage that have occurred after the vessel has arrived in that port. When the vessel is re-arrived by the carrier or Customs personnel, the in-bonds must also be re-arrived and re-exported.		
			HMI	Vessel Hold		
			HRE	Removal of Vessel Hold		
			INC	Unmanifested Equipment within Stowage Plan		
			OCA	Conveyance Arrival Overdue		
			SEI	Seized Equipment		
			SER	Seized Equipment – Removed		
Not Used	**V902**	**106**	**Event**		**O**	**AN 1/25**
	V903	**373**	**Date**		**O**	**DT 8/8**

			Date expressed as CCYYMMDD		
			Date of Posting.		
	V904	**337**	**Time**	**X**	**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)		
			Time of Posting will be in Eastern Standard/Daylight time.		
Not Used	**V905**	**19**	**City Name**	**O**	**AN 2/30**
Not Used	**V906**	**156**	**State or Province Code**	**O**	**ID 1/2**
Not Used	**V907**	**26**	**Country Code**	**O**	**ID 2/3**
Not Used	**V908**	**641**	**Status Reason Code**	**O**	**ID 1/3**
Not Used	**V909**	**154**	**Standard Point Location Code**	**X**	**ID 6/9**
Not Used	**V910**	**380**	**Quantity**	**X**	**R 1/15**
Not Used	**V911**	**1274**	**Train Delay Reason Code**	**X**	**AN 2/2**
Not Used	**V912**	**61**	**Free-Form Message**	**O**	**AN 1/30**
Not Used	**V913**	**623**	**Time Code**	**X**	**ID 1/2**
Not Used	**V914**	**380**	**Quantity**	**O**	**R 1/15**
Not Used	**V915**	**154**	**Standard Point Location Code**	**X**	**ID 6/9**
Not Used	**V916**	**86**	**Total Equipment**	**O**	**N0 1/3**
Not Used	**V917**	**86**	**Total Equipment**	**O**	**N0 1/3**
Not Used	**V918**	**86**	**Total Equipment**	**O**	**N0 1/3**
Not Used	**V919**	**81**	**Weight**	**O**	**R 1/10**
Not Used	**V920**	**82**	**Length**	**O**	**R 1/8**

Segment: **VID** **Conveyance Identification**
Position: 048
Loop: P4 Optional
Level:
Usage: Optional
Max Use: 9999
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: VID will only be generated outbound if V901 is 'INC' (Unmanifested Equipment within Stowage Plan), HMI (Unmanifested Equipment Hold), HRE (Unmanifested Equipment Hold Removed), SEI (Seized Equipment), or SER (Seized Equipment – Removed). Values will be returned if sent in the inbound message. When M1002 = 'R' this segment is not transmitted.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**VID01**	**40**	**Equipment Description Code** Code identifying type of equipment used for shipment Will not be returned.	**M**	**ID 1/2**
	VID02	**206**	**Equipment Initial** Prefix or alphabetic part of an equipment unit's identifying number	**O**	**AN ¼**
M	**VID03**	**207**	**Equipment Number** Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	**M**	**AN 1/10**
Not Used	**VID04**	**225**	**Seal Number**	**O**	**AN 2/15**
Not Used	**VID05**	**225**	**Seal Number**	**O**	**AN 2/15**
	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)	**O**	**N0 4/5**
	VID07	**65**	**Height** Vertical dimension of an object measured when the object is in the upright position	**O**	**R 1/8**
	VID08	**189**	**Width** Shorter measurement of the two horizontal dimensions measured with the object in the upright position	**O**	**R 1/8**
	VID09	**24**	**Equipment Type** Code identifying equipment type	**O**	**ID 1/4**
	VID10	**322**	**Load/Empty Status Code** Code which specifies the loaded condition of transportation equipment Values returned from CBP. E Empty L Loaded	**O**	**ID 1/1**
Not Used	**VID11**	**56**	**Type of Service Code**	**O**	**ID 1/2**
	VID12	**310**	**Location Identifier** Code which identifies a specific location Foreign Port of lading from Schedule K from CAMIR Appendix F.	**O**	**AN 1/30**
	VID13	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code Owner of Equipment Lessor SCAC.	**O**	**ID 2/4**

Segment: **K1** **Remarks**
Position: 050
Loop: P4 Optional
Level:
Usage: Optional
Max Use: 4
Purpose: To transmit information in a free-form format for comment or special instruction
Syntax Notes:
Semantic Notes:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**K101**	**61**	**Free-Form Message** Free-form information	**M**	**AN 1/30**
Not Used	**K102**	**61**	**Free-Form Message**	**O**	**AN 1/30**

Segment: **N9** **Reference Identification**
Position: 053
Loop: N9 Optional
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: Values will be returned if sent in the inbound message.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	**N901**	**128**	**Reference Identification Qualifier**		**M**	**ID 2/3**
			Code qualifying the Reference Identification			
			Values returned by CBP.			
			8S	Broker Identification		
				Future Use		
			BN	Booking Number		
			FC	Filer Code Issued by Customs		
				This value refers to the ISF Filer/Agent Code		
			OB	Ocean Bill of Lading		
				If M1002 = 'O' this value refers to Master Bill of Lading. If M1002 = 'R' this value refers to Ocean Bill of Lading.		
			SNP	Secondary Notify Party		
	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			
			For Reference Identifier Qualifier '8S', the Reference Identifier is the filer code of the broker initiating an in-bond move against the bill. - Future Use. For Reference Identifier Qualifier 'BN', the Reference Identifier is the Booking Number provided in the inbound manifest. For Reference Identifier Qualifier 'CR', the Reference Identifier is the User-defined Reference Number. For Reference Identifier Qualifier 'FC', the Reference Identifier is the Filer/Agent Code provided in the inbound manifest for Importer Security Filing. For Reference Identifier Qualifier 'OB', the Reference Identifier is the Master bill of lading number if M1002 = 'O'. If M1002 = 'R' the Reference Identifier refers to Ocean Bill of Lading. For Reference Identifier Qualifier 'SNP', the Reference Identifier is the SCAC identifying a Secondary Notify Party for the Bill of Lading.			
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** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	**O**	
Not Used	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**M**	**ID 2/3**

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

Segment: **X4** **Customs Release Information**
Position: 060
Loop: X4 Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To identify items for release
Syntax Notes:
1 If either X403 or X404 is present, then the other is required.
2 If either X408 or X410 is present, then the other is required.
3 At least one of X415 or X416 is required.
4 If X417 is present, then X406 is required.
Semantic Notes:
1 X401 is the unique bill of lading number.
2 X402 is used for quantity released.
3 X405 is the date the authority for release of parts or material is issued.
4 X406 is the time for the disposition specified in X407.
5 X414 is the U.S. Customs Facilities Information and Resources Management System (FIRMS) code.
6 X417 reflects the time zone which the time reflects.
Notes: Elements X415 and X416 are used in the following 2 scenarios:
1. QP - broker initiated in-bonds electronically.
2. An ocean carrier discharges cargo in Canada and then turns it over to the railroad which assigns their SCAC to the bill and nominates the ocean carrier as an SNP. Therefore X415 will be 'OB' for ocean bill and X416 will be the bill of lading number.
3. The 'BN' Reference Identifier is the Booking Number provided in the inbound manifest.
4. The X411 and X412 Equipment Number elements will be returned for "Equipment - level" Status Notifications which are specific to a given Equipment for a Bill of Lading. When the X411 and X412 Equipment Number elements are not populated, then the Status Notification is assumed to apply to the entire Bill of Lading.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	X401	**598**	**Bill of Lading/Waybill Number** Identification number assigned to the shipment by the carrier or consolidator Bill Issuer Sequence Number. X409 + X401 comprise the unique bill of lading number.	**O**	**AN 1/12**
	X402	**380**	**Quantity** Numeric value of quantity Quantity of the disposition provided in the X407. Quantity can be partial amount for release.	**O**	**R 1/15**
	X403	**581**	**Customs Entry Type Code** Code defining the type of entry assigned by U.S. Customs Refer to CAMIR Appendix B for valid codes.	**X**	**ID 1/2**
	X404	**601**	**Customs Entry Number** Automated Commercial Environment Code Furnished by U.S. Customs The CBP entry number, form number (e.g., CBP Form 3299), a regulatory provision, or an in-bond number used to release the shipment.	**X**	**AN 1/15**
M	**X405**	**373**	**Date** Date expressed as CCYYMMDD Date of posting.	**M**	**DT 8/8**
	X406	**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) Time of Posting will be in Eastern Standard/Daylight time.	**X**	**TM 4/8**

M	**X407**	**35**	**Disposition Code**	**M**	**ID 1/2**
			Code advising the carrier or port authority about postings to a bill of lading		
			A code advising the carrier, MVOCC, NVOCC, port authority, service bureau, or agent of the posting action taken on a bill of lading. Refer to the CAMIR Appendix D for valid codes.		
Not Used	**X408**	**598**	**Bill of Lading/Waybill Number**	**X**	**AN 1/12**
M	**X409**	**140**	**Standard Carrier Alpha Code**	**M**	**ID 2/4**
			Standard Carrier Alpha Code		
			SCAC of the Bill Issuer. X401 + X409 comprise the unique bill of lading identifier.		
Not Used	**X410**	**140**	**Standard Carrier Alpha Code**	**X**	**ID 2/4**
	X411	**206**	**Equipment Initial**	**O**	**AN ¼**
			Prefix or alphabetic part of an equipment unit's identifying number		
	X412	**207**	**Equipment Number**	**O**	**AN 1/10**
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)		
	X413	**310**	**Location Identifier**	**O**	**AN 1/30**
			Code which identifies a specific location		
			CBP Port of processing - Refer to Census Schedule D in CAMIR Appendix E for valid codes. - CBP only returns 4 numeric characters in this field.		
	X414	**310**	**Location Identifier**	**O**	**AN 1/30**
			Code which identifies a specific location		
			Facilities Information Resources Management Systems (FIRMS) code related to Permit To Transfer (PTT) move.		
	X415	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**
			Code qualifying the Reference Identification		
			8S Broker Identification		
			Future Use		
			BN Booking Number		
			FC Filer Code Issued by Customs		
			OB Ocean Bill of Lading		
	X416	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			For Reference Identifier Qualifier "8S", the Reference Identifier is the filer code of the broker initiating an in-bond move against the bill. - Future Use For Reference Identifier Qualifier "OB", the Reference Identifier is the Master bill of lading number. The MVOCC bill of lading will be reported on all NVOCC bill types. For Reference Identifier Qualifier "BN", the Reference Identifier is the Booking Number provided in the inbound manifest.		
Not Used	**X417**	**623**	**Time Code**	**O**	**ID 1/2**

X418	**310**	**Location Identifier**	**O**	**AN 1/30**
		Code which identifies a specific location		
		CBP Port of Termination for in-bond shipments. Refer to Census Schedule D in CAMIR Appendix E for valid codes.		
X419	**310**	**Location Identifier**	**O**	**AN 1/30**
		Code which identifies a specific location		
		Foreign Port of Foreign Destination for Transportation & Exportation (T&E-62) or Immediate Export (IE-63) in-bond shipments. This data field is null for IT (61) entries. Refer to Census Schedule K in CAMIR Appendix F for valid codes.		
X420	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**
		Code indicating a Yes or No condition or response		
		'Y' is used when a HOLD disposition code in data element X407 is re-sent as a result of a change in Port of Discharge or Vessel Name.		
		Y Yes		

Segment: **K1** **Remarks**
Position: 070
Loop: X4 Optional
Level:
Usage: Optional
Max Use: 4
Purpose: To transmit information in a free-form format for comment or special instruction
Syntax Notes:
Semantic Notes:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**K101**	**61**	**Free-Form Message** Free-form information	**M**	**AN 1/30**
Not Used	**K102**	**61**	**Free-Form Message**	**O**	**AN 1/30**

Segment: **N7** **Equipment Details**
Position: 081
Loop: X4 Optional
Level:
Usage: Optional
Max Use: 999
Purpose: To identify the equipment
Syntax Notes: **1** If either N703 or N704 is present, then the other is required.
2 If either N705 or N716 is present, then the other is required.
3 If either N708 or N709 is present, then the other is required.
Semantic Notes: **1** N712 is the owner of the equipment.
2 N723 is the operator or carrier of the rights of the equipment.
Notes: Values will be returned if sent in the inbound manifest.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	N701	**206**	**Equipment Initial** Prefix or alphabetic part of an equipment unit's identifying number Container Prefix from inbound manifest.	**O**	**AN 1/4**
M	**N702**	**207**	**Equipment Number** Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) Container Number from inbound manifest.	**M**	**AN 1/10**
Not Used	**N703**	**81**	**Weight**	**X**	**R 1/10**
Not Used	**N704**	**187**	**Weight Qualifier**	**X**	**ID 1/2**
Not Used	**N705**	**167**	**Tare Weight**	**X**	**N0 3/8**
Not Used	**N706**	**232**	**Weight Allowance**	**O**	**N0 2/6**
Not Used	**N707**	**205**	**Dunnage**	**O**	**N0 1/6**
Not Used	**N708**	**183**	**Volume**	**X**	**R 1/8**
Not Used	**N709**	**184**	**Volume Unit Qualifier**	**X**	**ID 1/1**
Not Used	**N710**	**102**	**Ownership Code**	**O**	**ID 1/1**
Not Used	**N711**	**40**	**Equipment Description Code**	**O**	**ID 1/2**
Not Used	**N712**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
Not Used	**N713**	**319**	**Temperature Control**	**O**	**AN 3/6**
Not Used	**N714**	**219**	**Position**	**O**	**AN 1/3**
Not Used	**N715**	**567**	**Equipment Length**	**O**	**N0 4/5**
Not Used	**N716**	**571**	**Tare Qualifier Code**	**X**	**ID 1/1**
Not Used	**N717**	**188**	**Weight Unit Code**	**O**	**ID 1/1**
Not Used	**N718**	**761**	**Equipment Number Check Digit**	**O**	**N0 1/1**
Not Used	**N719**	**56**	**Type of Service Code**	**O**	**ID 1/2**
Not Used	**N720**	**65**	**Height**	**O**	**R 1/8**
Not Used	**N721**	**189**	**Width**	**O**	**R 1/8**
Not Used	**N722**	**24**	**Equipment Type**	**O**	**ID 1/4**
Not Used	**N723**	**140**	**Standard Carrier Alpha Code**	**O**	**ID 2/4**
Not Used	**N724**	**301**	**Car Type Code**	**O**	**ID 1/4**

Segment: **SE** **Transaction Set Trailer**
Position: 100
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:

Data Element Summary

	Ref. 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 segments	**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 AN 4/9**

Segment: **GE** **Functional Group Trailer**
Position: 105
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** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	**M**	**N0 1/6**
M	**GE02**	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M**	**N0 1/9**

Segment: **IEA** **Interchange Control Trailer**
Position: 110
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**