CBP Export Manifest Implementation Guide

XML Manfiest Message Specification

Draft – December 16, 2015

U.S. Customs and Border Protection

Abstract

Implementation guide for trade and software vendors to submit Manifest messages to CBP using the XML format.

DRAFT

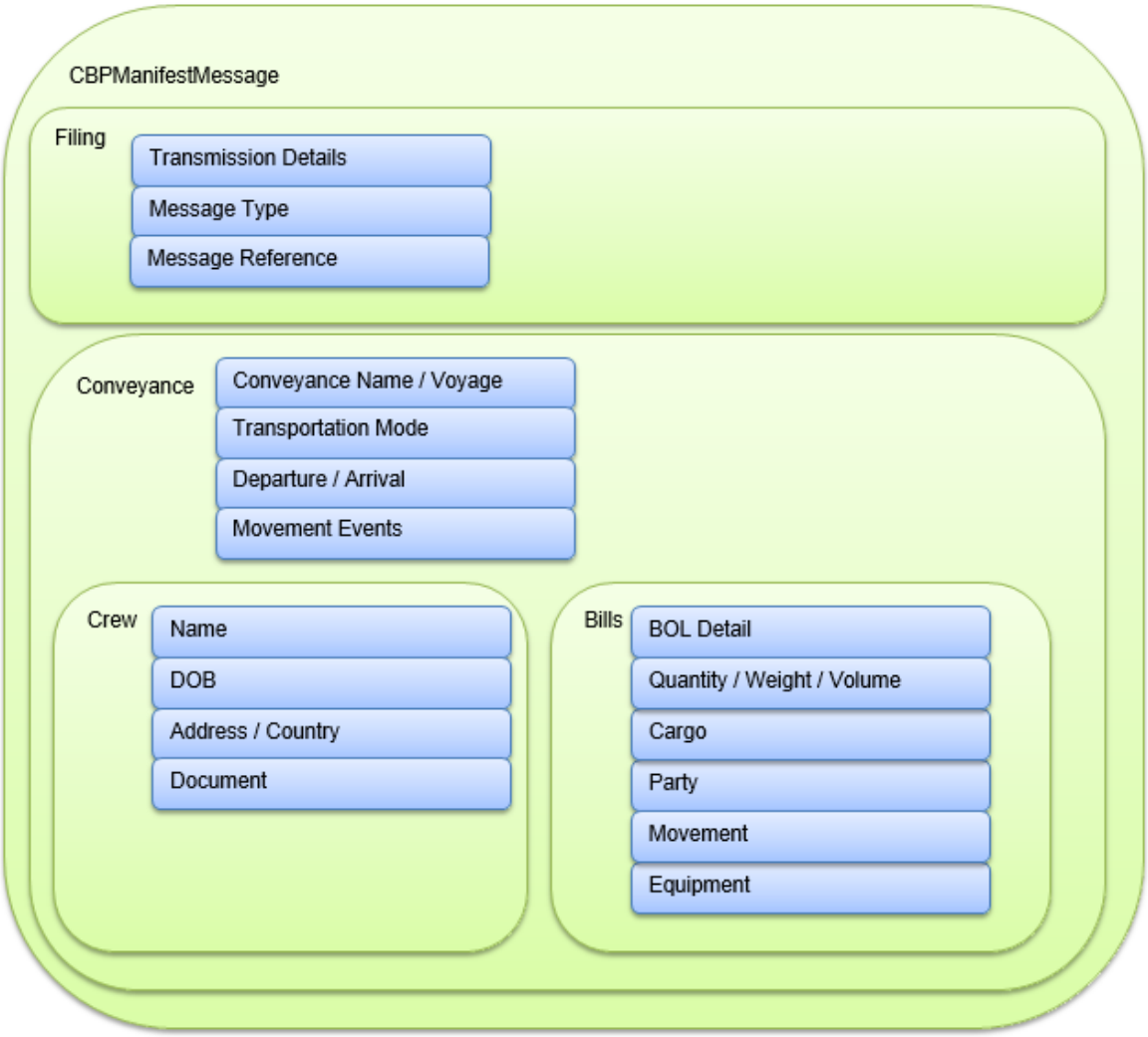
US Customs and Border Protection

Customs and Border Protection 3
Manifest Transaction Set (XML) 3
Manifest Transaction Use Cases 4
I. Manifest Transaction Set Data Elements 5
Manifest Message Response 12
CBP Manifest Notification Message 13
II. Manifest Transaction XML Schema 15
III. XML Data Element Mapping for X.12 24
IV. Examples of Manifest Transaction Filing for Ocean and Rail 27
V. XML Data Element Mapping for CargoImp 33
VI. Examples of Manifest Transaction Filing for Air 36
Examples of Manifest Transaction Filing Response Messages 49
Examples of CBP Manifest Notificatiion Messages 51
Appendix A – Mode of Transportation 52
Mode of Transportation Description 52
Proprietary Format Code 52
Appendix B – Party Type 53
Appendix C – ISO Country Codes 54
Country/Territory Name 54
Appendix D – Amendment Codes 60
Amendment Code 60
Amendment Code 60
Appendix E – Units of Measure 61
Unit of Measure Description 61
Appendix F – Equipment Type Code 63
Description of Container/Equipment 63
Appendix G – Transportation Service Type Codes 67
Appendix H – Hazardous Material 71
Appendix I1 – Reference Type Codes - Export 72
Appendix I2 – Reference Type Codes - Import 73
Appendix J – Response Codes 74
Appendix K – Action Codes 74

DRAFT

Customs and Border Protection Manifest Transaction Set (XML)

This transaction set contains the required data elements and format for the Customers and Border Protection (CBP) Manifest Transaction Set (XML) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by carriers, terminal operators, port authorities, or service centers to provide Customs with manifest data on cargo arriving in or departing from ocean vessels, railroad trains, or other types of conveyances. The following diagram provides a top level view of the structure of the CBP Manifest XML filing.



Manifest Transaction Use Cases

1. Preliminary Manifest (use to report Bill information prior to Conveyance being assigned)
    a. Report Filing Information
    b. Report Bill Information without Conveyance information
2. Manifest (use to report Bill information when Conveyance information is known)
    a. Report Filing Information
    b. Report Conveyance Information
    c. Report Bill Information
3. Conveyance Event (use to report a Conveyance arrival or departure)
    a. Report Filing Information
    b. Report Conveyance Information
4. Consist (use to report a Consist)
    a. Report Filing Information
    b. Report Conveyance Information
    c. Report a list of Bills and/or Equipment numbers

DRAFT

I. Manifest Transaction Set Data Elements

Element Name	Req	Len	Description
Filing Information			
Sender Identifier	M	15	Air: Originator Code Ocean/Rail: the SCAC of the transmitter or the identity of the Service Center, if applicable.
Receiver Identifier	M	15	Default to "CUSTOMS"
Message Date/Time	M	15	Date/Time the message was sent. Use CCYYMMDD HHMMSS format where: CC Century YY Year MM Month of Year DD Day of Month HH Hour of the Day MI Minute SS Second *Note: all Date/Time fields are reported in Eastern Standard Time (EST) or Eastern Daylight Time (EDT)
Message Type	M	2	Valid values are: 01 Export Manifest - Preliminary 02 Export Manifest 03 Export Conveyance Event 04 Export Consist 05 Import Manifest - Preliminary 06 Import Manifest 07 Import Conveyance Event 08 Import Consist 09 Import In-bond
Message Control Number	O	50	Unique interchange control number assigned by the sender
Message Reference Number	O	50	Reference number assigned by the sender to be returned from CBP in co-related responses
Conveyance Information			Conveyance information related to a Bill of Lading.
Conveyance Carrier Code	M	4	Conveyance operating carrier. Air: IATA Air Carrier Prefix Ocean / Rail: SCAC
Conveyance Identifier	C	8	Ocean: IMO code issued by Lloyds (required if vessel name is not reported) Air / Rail: N/A
Conveyance Name	C	50	Ocean: Vessel Name (required if IMO is not reported) Air / Rail: N/A
Flight / Trip / Voyage Number	C	30	Air: Flight Number Ocean: Voyage Number Rail: Trip Number
Conveyance Country	M	2	ISO Country Code of the country where the conveyance is registered.

			See Appendix C for valid codes.
Mode of Transportation	M	2	2-digit code for mode of transportation. See Appendix A for valid codes.
Scheduled Arrival Date	C	8	Estimated date of arrival in the US. Only applicable and required for import manifest. Use CCYYMMDD format where: CC Century YY Year MM Month of Year DD Day of Month
Arrival Port Code	C	4	Port of arrival in the US. Only applicable and required for import manifest. See CAMIR Ocean Appendix E for valid Schedule D port codes.
Scheduled Departure Date	C	8	Estimated date of departure from the US. Only applicable and required for export manifest. Use CCYYMMDD format where: CC Century YY Year MM Month of Year DD Day of Month
Departure Port Code	C	4	Port of departure from the US. Only applicable and required for export manifest. See CAMIR Appendix E for valid Schedule D port codes.
Conveyance Event Information	C		Event Information for the conveyance.
Event Type	M	2	Event Type. Valid values are: 4 Conveyance Arrival 9 Conveyance Departure 11 Conveyance Discrepancy
Event Port Code	M	5	Location for the event.
Event Date / Time	M	15	Date/Time of the event. Use CCYYMMDD HHMMSS format where: CC Century YY Year MM Month of Year DD Day of Month HH Hour of the Day MI Minute SS Second
Event Reference Information	C	50	Reference information for the event.
Crew Information			Crew information (for future use in Truck manifest)
Crew Type	M	1	Crew Type. Valid values are: C Crew P Passenger
First Name	M	50	First Name.
Last Name	M	50	Last Name.
Middle Initial	O	1	Middle Initial.

Date Of Birth	M	8	Date of Birth. Use CCYYMMDD format where: CC Century YY Year MM Month of Year DD Day of Month
Gender	M	1	Gender. Valid values are: M Male F Female
Country of citizenship	M	2	ISO Country Code of the country of citizenship. See Appendix C for valid codes.
Address Line 1	C	50	Address information.
Address Line 2	C	50	Address information.
Address Line 3	C	50	Address information.
City Name	C	50	Address city name.
State / Province Code	C	2	Address state or province code.
Postal Code	C	9	Address postal code.
Country Code	C	2	ISO Country Code of the address country. See Appendix C for valid codes.
Contact Phone Number	C	15	Contact phone number.
Document Information	C		Identifying documents for the crew member.
Document Type	M	3	Document type.
Document Number	M	20	Document identification number.
Country of Issuance		2	ISO Country Code of the country where the document was issued. See Appendix C for valid codes.
State of Issuance		2	Code of the State or province where the document was issued.
Bill of Lading Information			Bill of Lading information
Bill of Lading Issuer Code	M	4	Bill of Lading Issuer Code. Ocean/Rail: SCAC of the issuer of the Bill of Lading Number. Air: Airway Bill prefix
Bill of Lading Number	M	50	Bill of Lading Number. Ocean: must be unique for 3 years; report a house bill number here when applicable, with the corresponding master bill issuer and number in the BOL reference data element. Rail: must be unique for 3 years. Air: must be unique for 1 year; report a house bill number here when applicable, with the corresponding master Airway Bill Prefix and Airway Bill number in the BOL reference data element.
Bill of Lading Type	M	2	Bill of Lading Type. Valid codes are: 00 Regular Bill of Lading 12 Empty Equipment or Instruments of International Trade 20 Freight Remaining on Board (FROB)
Bill of Lading Classification	M	1	Designation for Simple, Master, or House Bill of Lading. Valid codes are:

			S Simple Bill of Lading M Master Bill of Lading H House Bill of Lading
Bill of Lading Action Type	M	1	Action type for a Bill of Lading. Valid codes are: A Add a Bill of Lading D Delete a Bill of Lading R Replace the quantity
Amendment Reason Code	C	2	Amendment reason. Required for amendments. See Appendix D for valid reason codes.
Split Shipment Indicator	C	2	Split Shipment Indicator.
Quantity	M	10	Piece count for the Bill of Lading.
Quantity Unit of Measure	M	3	Smallest package unit of measure for the piece count. For valid codes, see Appendix E.
Boarded Quantity	C	10	Piece count for the split portion of the Bill of Lading. Required on split shipments.
Weight	M	10	Total weight of the cargo in the Bill of Lading.
Weight Unit of Measure	M	3	Unit of measure for the weight. See Appendix E for valid codes.
Boarded Weight	C	10	Total weight of the split portion of the cargo in the Bill of Lading. Required on split shipments.
Volume	C	10	Total volume of the cargo.
Volume Unit of Measure	C	3	Unit of measure for the volume.
Prior Mode of Transportation	C	2	Mode of transportation used to carry the manifested cargo to the port of lading. See Appendix A for valid codes.
Bill of Lading Location Information			Bill of Lading location information
Location Type	M	1	Location Type code. Valid codes are: L Port of Lading U Port of Unlading A Port of Arrival D Port of Departure O Port of Origin M Port of Destination N Port of Final Destination T Port of Transit R Place of Receipt Definitions for Export Manifest: 1. Place of Receipt is the city or state where the carrier took possession of the manifested cargo. 2. Port of Lading is the US port where the manifested cargo was laden onto the foreign bound conveyance. 3. Port of Departure is the last US port for the conveyance prior to departure from the US. 4. Port of Arrival is the first foreign port of arrival for the conveyance.

			5. Port of Unlading is the foreign port where the manifested cargo is unladen from the conveyance. 6. Port of Origin is the first port or location identified for the shipment but not necessarily the conveyance. 7. Port of Destination is the final port of destination for the manifested cargo. 8. Port of Transit is an interim port between Port of lading and Port of Unlading where the Freight Remains on Board (FROB). This only applies when an interim location between Port of Lading and Port of Unlading occurs. Definitions for Import Manifest: 1. Place of Receipt is the city, state, or country name where the carrier took possession of the manifested cargo. 2. Port of Lading is the foreign port where the manifested cargo was laden onto the US bound conveyance. 3. Port of Departure is the last foreign port for the conveyance prior to arrival in the US. 4. Port of Arrival is the first US port of arrival for the conveyance. 5. Port of Unlading is the US port where the manifested cargo is unladen from the conveyance. 6. Port of Origin is the first port or location identified for the shipment but not necessarily the conveyance. 7. Port of Destination is the in-bond port of destination where the manifested cargo is entered or exported. 8. Port of Final Destination is the foreign port of destination for IE / T&E cargo, beyond the in-bond port of destination.
Location Information	M	50	Location code or name for the type reported above. Use CAMIR Ocean Appendix E Schedule D port codes for US ports and Schedule K port codes for foreign port codes.
Bill of Lading Reference Information			Bill of Lading reference information
Reference Type	M	3	Reference Type code. See CAMIR Air Appendix A for valid codes.
Reference Information	M	50	Reference information of the type reported above.
Bill of Lading Party Information			Bill of Lading party information
Party Type	M	3	Party Type code. SH = Shipper CN = Consignee UC = Ultimate Consignee IC = Intermediate Consignee CC = Carrier Customer AG = Agent NY = Notify *Note: CN & SH are required

Party Identifier	C	15	Party identification code.
Party Identifier Type	C	2	Party identification code type. Valid codes are: 01 SCAC 02 FIRMS 03 Broker Routing Code
Party Office Code	O	2	Office code.
Party Name	C	50	Party Name.
Address Line 1	C	50	Party Address information.
Address Line 2	C	50	Party Address information.
Address Line 3	C	50	Party Address information.
City Name	C	50	Party Address city name.
State / Province Code	C	2	Party Address state or province code.
Postal Code	C	9	Party Address postal code.
Country Code	C	2	ISO Country Code of the party address country. See Appendix C for valid codes.
Contact Name	C	50	Party contact name.
Contact Phone Number	C	15	Party contact phone number.
Movement Information			In-bond and Permit to Transfer information (import only)
In-bond Action Type	M	1	Action type for the in-bond movement. Valid codes are: A Add an in-bond movement D Delete an in-bond movement
In-bond Control Number	C	50	In-bond control number.
Previous In-bond Control Number	C	50	Previous in-bond control number. Required for subsequent in-bond movements.
Transporting Carrier Code	M	4	Identification code of the carrier transporting the cargo.
Bonded Carrier Code	M	15	Identification code of the carrier liable for the in-bond movement.
Entry Type	M	2	Entry type. Valid codes are: 61 Immediate Transportation 62 Transportation and Exportation 63 Immediate Exportation
Entry Number	C	15	CBP Entry number.
Value	M	10	Shipment value.
Quantity	M	10	In-bond or PTT quantity.
Port of Destination Code	C	5	US port of destination code for in-bond movement. Port of termination for type 61; port of exportation for type 62; port of arrival for type 63. See CAMIR Ocean Appendix E for valid Schedule D port codes.
Foreign Port of Destination Code	C	5	Foreign port of destination code for in-bond types 62 / 63. See CAMIR Ocean Appendix F for valid Schedule K port codes.
PTT Destination Code	C	4	FIRMS code of the location where cargo is requested to be transferred.
Equipment Information			Equipment Information
Equipment Type	M	2	Equipment type. See Appendix F for valid codes.

Equipment Number	M	20	Prefix and numeric sequence of the equipment number. Use "NC" for non-containerized cargo.
Length	C	10	Length of the equipment.
Height	C	10	Height of the equipment.
Width	C	10	Width of the equipment.
Size Type	C	4	Equipment size type code. See Appendix F for valid codes.
Loaded / Empty Status	C	1	Loaded or empty status code. Valid codes are: E Empty L Loaded
Service Type	C	2	Transportation service type. See Appendix G for valid codes.
Seal Numbers	C	15	Unique number on seal use to close the shipment. Required when present.
Cargo Information			Cargo Description and Marks & Numbers
Quantity	M	10	Quantity at the equipment or line level.
Quantity Unit of Measure	M	3	Unit of measure for the equipment or line level quantity.
Cargo Description	C	100	Cargo Description.
Marks and Numbers	C	100	Symbols and markings on the outside of packages.
Commodity Code	C	10	Harmonized Tariff Schedule commodity code. Required for import manifest for IE and T&E shipments.
Country of Origin	C	2	ISO Country Code of the country of origin. See Appendix C for valid codes.
Value	C	10	Value at the equipment or line level, in US Dollars. Only applicable to import manifest for IE and T&E shipments.
Weight	C	10	Weight at the equipment or line level. Only applicable to import manifest for IE and T&E shipments.
Weight Unit of Measure	C	3	Unit of measure for the equipment or line level weight. Only applicable to import manifest for IE and T&E shipments.
Vehicle Identification Numbers	C	25	Unique vehicle identification number when the cargo is a vehicle.
Hazmat Information	C		
Hazmat Code	M	10	Hazardous material code. Use the United Nations / North American Hazardous Materials code list.
Hazmat Class Code	O	4	Code specifying the type of hazard for the material.
Description	M	100	Hazardous material description.
Hazmat Contact Name	O	50	Name of the person to call in case of emergency.
Hazmat Contact Phone	O	15	Phone number of the person to call in case of emergency.
Flashpoint Temperature	O	3	The flashpoint temperature of the hazardous material.
Temperature Unit of Measure	O	1	Unit of measure for the flashpoint temperature. Valid codes are: C Celsius F Fahrenheit

Manifest Message Response

CBP will reply to the request with the same XML message structure. If there are any validation error the error attributes will be added to the appropriate field using the ErrorList element. If the message contains no validation errors and the message is accepted by CBP, the response message will contain only the following elements. CBP will preserve all the values from the input except the Sender and Receiver Identifier so that the sender can correlate the response message to the input message. When an ErrorList is added to an element in the response message, CBP will include the parent elements so that the context of the error can be inferred.

The following table lists the elements that will be included in a typical response. In addition to the elements listed below original elements from the input message will be included when there is an error.

Element Name	Req	Len	Description
Filing Information			
Sender Identifier	M	15	CUSTOMS
Receiver Identifier	M	15	The value of the Sender Identifier from the corresponding input message.
Message Date/Time	M	15	Date/Time the message was sent. Use CCYYMMDD HHMMSS. CBP will return the same date/time from the input message.
Message Type	M	2	Same value as the input.
Message Control Number	O	50	Unique control number.
Message Reference Number	O	50	CBP will send the reference number from the input message.
Response Message			
Response Code	M	3	A 3 digit code indicating successful processing of the message. See Appendix J for various codes.
Severity Indicator	M	1	A code representing the severity of the message. F - Fatal. W- Warning I – Information If the response contains Fatal errors those needs to be corrected and re-transmitted.
Narrative Text	M	40	A text describing the error.

CBP Manifest Notification Message

CBP will send notification messages to the trade using the same XML message structure. The ActionType element is used to indicate the action taken by CBP. The notification message will have the key elements to identify the conveyance, bill, equipment or seal against which the action is taken.

The following table lists the elements that will be included in a typical notification message.

Element Name	Req	Len	Description
Filing Information			
Sender Identifier	M	15	CUSTOMS
Receiver Identifier	M	15	The SCAC/IATA code of the party intended to receive the message.
Message Date/Time	M	15	Date/Time the message was sent. Use CCYYMMDD HHMMSS. This is the time CBP processed the message.
Message Type	M	2	Valid values are: 10 – Informational notification 11 – Notice to trade requiring them to take action
Message Control Number	O	50	Unique interchange control number from the input message.
Message Reference Number	O	50	Reference number assigned by the sender to be returned from CBP in co-related responses
Conveyance			Included on messages related to conveyance
Conveyance Carrier Code	M	4	Conveyance operating carrier. Air: IATA Air Carrier Prefix Ocean / Rail: SCAC
Conveyance Identifier	C	8	Ocean: IMO code issued by Lloyds (required if vessel name is not reported) Air / Rail: N/A
Conveyance Name	C	50	Ocean: Vessel Name (required if IMO is not reported) Air / Rail: N/A
Flight / Trip / Voyage Number	C	30	Air: Flight Number Ocean: Voyage Number Rail: Trip Number
Action Type			Included when conveyance level actions are performed.
Action Code	M	3	A 2 digit code indicating the action at conveyance level. See Appendix K for various codes.
Action Parameter	C	50	Value if the parameter depending on the action requested.
Narrative Text	O	40	A text describing the action.
Bill of Lading Information			Bill of Lading information
Bill of Lading Issuer Code	M	4	Bill of Lading Issuer Code.

			Ocean/Rail: SCAC of the issuer of the Bill of Lading Number. Air: Airway Bill prefix
Bill of Lading Number	M	50	Bill of Lading Number.
Bill of Lading Type	M	2	Bill of Lading Type
Flight / Trip / Voyage Number	C	30	Air: Flight Number Ocean: Voyage Number Rail: Trip Number
Action Type			Included when BOL level actions are performed.
Action Code	M	3	A 2 digit code indicating the action at BOL level. See Appendix K for various codes.
Action Parameter	C	50	Value if the parameter depending on the action requested.
Narrative Text	O	40	A text describing the action.
Equipment Information			Equipment Information
Equipment Type	M	2	Equipment type. See Appendix F for valid codes.
Equipment Number	M	20	Prefix and numeric sequence of the equipment number. Use "NC" for non-containerized cargo.
Seal Information			Seal Information
Seal Number	M	15	Seal number reported by trade.
Action Type			Included for seal level actions
Action Code	M	3	A 2 digit code indicating the action at seal level. See Appendix K for various codes.
Action Parameter	C	50	Value if the parameter depending on the action requested.
Narrative Text	O	40	A text describing the action.
Action Type			Included for equipment level actions
Action Code	M	3	A 2 digit code indicating the action at equipment level. See Appendix K for various codes.
Action Parameter	C	50	Value if the parameter depending on the action requested.
Narrative Text	O	40	A text describing the action.

II. Manifest Transaction XML Schema

This XML schema is defined to loosely implement the structure and elements but may not be consistent with the previous sections. This supports a more flexible parser and loader design when parsing a message and generation of subsequent error messages. The description takes precedence over the schema min/max occurrence conditions.

```
<xs:schema xmlns="http://manifest.cbp.dhs.gov/shared/model"
           elementFormDefault="qualified"
           targetNamespace="http://manifest.cbp.dhs.gov/shared/model"
           xmlns:xs="http://www.w3.org/2001/XMLSchema"
           xmlns:jxb="http://java.sun.com/xml/ns/jaxb" jxb:version="1.0"
           xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<!-- CBP Manifest XML - 16-Dec-2015 -->

  <xs:element name="CBPManifestMessage" type="ManifestFiling"/>

    <xs:complexType name="ManifestFiling">
      <xs:sequence>
          <xs:element name="Version"      type="xs:string"/>
        <xs:element name="Filing"          type="FilingInfoType"
     minOccurs="1"/>
        <xs:element name="Conveyance"       type="ConveyanceInfoType"
     minOccurs="1"   maxOccurs="50"/>
        <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
      </xs:sequence>
    </xs:complexType>


  <xs:complexType name="FilingInfoType">
    <xs:sequence>
      <xs:element name="SenderId"              type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="ReceiverId"            type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="MessageDateTime"       type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="MessageType"           type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="MessageControlNumber"    type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="MessageReferenceNumber"  type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="ConveyanceInfoType">
    <xs:sequence>
      <xs:element name="CarrierCode"             type="ManifestStringType"
minOccurs="0"/>
```

```
      <xs:element name="ConveyanceId"             type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="ConveyanceName"           type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="FlightTripVoyageNumber"   type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="ConveyanceCountryCode"    type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="ModeOfTransportationCode" type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="ScheduledArrivalDate"      type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="ArrivalPortCode"          type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="ScheduledDepartureDate"   type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="DeparturePortCode"        type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="ConveyanceEventList"       type="EventInfoType"
minOccurs="0"   maxOccurs="unbounded"/>
      <xs:element name="BOLInfoList"              type="BOLInfoType"
minOccurs="0"   maxOccurs="unbounded"/>
      <xs:element name="CrewInfoList"             type="CrewInfoType"
minOccurs="0"   maxOccurs="unbounded"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
     <xs:element name="Action" type="ActionType" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="EventInfoType">
    <xs:sequence>
      <xs:element name="EventType"          type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="EventPortCode"      type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="EventDateTime"      type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="EventReferenceData" type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="CrewInfoType">
    <xs:sequence>
      <xs:element name="CrewTypeCode"       type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="FirstName"          type="ManifestStringType"
     minOccurs="0"/>
```

```
      <xs:element name="LastName"           type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="MiddleInitial"      type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="DateOfBirth"        type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="Gender"             type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="CitizenshipCountryCode"  type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="AddressLine1"       type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="AddressLine2"       type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="AddressLine3"       type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="CityName"           type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="StateCode"          type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="PostalCode"              type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="PhoneNumber"             type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="DocumentInfoList"   type="DocumentInfoType"
     minOccurs="0"    maxOccurs="unbounded"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="DocumentInfoType">
    <xs:sequence>
      <xs:element name="DocumentTypeCode"       type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="DocumentNumber"         type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="IssuanceCountryCode"    type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="IssuanceStateCode"      type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>


  <xs:complexType name="BOLInfoType">
    <xs:sequence>
      <xs:element name="BOLIssuerCode"            type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="BOLNumber"                type="ManifestStringType"
     minOccurs="0"/>
```

```
      <xs:element name="BOLTypeCode"              type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="BOLClassificationCode"    type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="BOLActionType"            type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="BOLAmendmentReasonCode"   type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="SplitShipmentIndicator"   type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="Quantity"                 type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="QuantityUnitOfMeasure"    type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="BoardedQuantity"          type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="Weight"                   type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="WeightUnitOfMeasure"      type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="BoardedWeight"            type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="Volume"                   type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="VolumeUnitOfMeasure"      type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ModeOfTransportationCode" type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="BOLLocationList"          type="LocationType"
     minOccurs="0"    maxOccurs="unbounded"/>
      <xs:element name="BOLReferenceInfoList"     type="ReferenceType"
     minOccurs="0"    maxOccurs="unbounded"/>
      <xs:element name="BOLPartyInfoList"         type="PartyInfoType"
     minOccurs="0"    maxOccurs="unbounded"/>
      <xs:element name="MovementInfoList"         type="MovementInfoType"
     minOccurs="0"    maxOccurs="unbounded"/>
      <xs:element name="EquipmentInfoList"        type="EquipmentInfoType"
     minOccurs="0"    maxOccurs="unbounded"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
     <xs:element name="Action" type="ActionType" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="ChargesType">
    <xs:sequence>
      <xs:element name="ChargeCode"         type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="ChargeDescription"  type="ManifestStringType"
     minOccurs="0"/>
```

```
      <xs:element name="ChargeAmount"       type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="CurrencyCode"       type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="ExchangeRate"       type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="LocationType">
    <xs:sequence>
      <xs:element name="LocationTypeCode" type="ManifestStringType"
minOccurs="1"/>
      <xs:element name="Location"         type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="ReferenceType">
    <xs:sequence>
      <xs:element name="ReferenceTypeCode"  type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="ReferenceData"      type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="PartyInfoType">
    <xs:sequence>
      <xs:element name="PartyType"                   type="ManifestStringType"
           minOccurs="1"/>
      <xs:element name="PartyIdentificationNumber"   type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="PartyIdentificationTypeCode" type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="PartyName"                   type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="PartyAddressLine1"           type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="PartyAddressLine2"           type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="PartyAddressLine3"           type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="CityName"                    type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="StateCode"                   type="ManifestStringType"
     minOccurs="0"/>
```

```
      <xs:element name="PostalCode"                  type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="CountryCode"                 type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ContactName"                 type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ContactPhoneNumber"          type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="MovementInfoType">
    <xs:sequence>
      <xs:element name="InbondAction"            type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="InbondNumber"            type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="PreviousInbondNumber"    type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="TransportingCarrierCode" type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="BondedCarrierCode"       type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="EntryType"               type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="EntryNumber"             type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="Value"                   type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="Quantity"                type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="USPortOfDestinationCode" type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ForeignPortOfDestinationCode"
type="ManifestStringType" minOccurs="0"/>
      <xs:element name="PTTDestinationCode"      type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
     <xs:element name="Action" type="ActionType" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="EquipmentInfoType">
    <xs:sequence>
      <xs:element name="EquipmentTypeCode"       type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="EquipmentNumber"        type="ManifestStringType"
     minOccurs="0"/>
```

```
      <xs:element name="EquipmentLength"        type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="EquipmentHeight"        type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="EquipmentWidth"         type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="EquipmentSizeTypeCode"  type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="LoadedEmptyStatus"      type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ServiceTypeCode"        type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="SealInfoList"           type="SealInfoType"
     minOccurs="0"   maxOccurs="unbounded"/>
      <xs:element name="CargoInfoList"          type="CargoInfoType"
     minOccurs="0"   maxOccurs="unbounded"/>
      <xs:element name="LicensePlateInfoList"   type="LicensePlateInfoType"
     minOccurs="0"   maxOccurs="unbounded"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
     <xs:element name="Action" type="ActionType" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="SealInfoType">
    <xs:sequence>
      <xs:element name="SealNumber"        type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
      <xs:element name="Action" type="ActionType" minOccurs="0"
maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="LicensePlateInfoType">
    <xs:sequence>
      <xs:element name="LicensePlateNumber"      type="ManifestStringType"
     minOccurs="1"/>
      <xs:element name="CountryOfIssuanceCode"   type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="StateOfIssuanceCode"     type="ManifestStringType"
     minOccurs="0"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="CargoInfoType">
    <xs:sequence>
      <xs:element name="Quantity"               type="ManifestStringType"
minOccurs="0"/>
```

```
      <xs:element name="QuantityUnitOfMeasure"  type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="CargoDescription"       type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="MarksAndNumbers"        type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="CommodityCode"          type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="CountryOfOrigin"        type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="Value"                  type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="Weight"                 type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="WeightUnitOfMeasure"    type="ManifestStringType"
minOccurs="0"/>
      <xs:element name="VINInfoList"            type="VINInfoType"
minOccurs="0"/>
      <xs:element name="HazmatInfoList"         type="HazmatInfoType"
minOccurs="0"   maxOccurs="unbounded"/>
       <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="VINInfoType">
    <xs:sequence>
      <xs:element name="VehicleIdentificationNumber" type="ManifestStringType"
     minOccurs="1"/>
       <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="HazmatInfoType">
    <xs:sequence>
      <xs:element name="HazmatCode"
type="ManifestStringType"  minOccurs="0"/>
      <xs:element name="HazmatClassCode"
type="ManifestStringType"  minOccurs="0"/>
      <xs:element name="HazmatDescription"
type="ManifestStringType"  minOccurs="0"/>
      <xs:element name="HazmatContactName"
type="ManifestStringType"  minOccurs="0"/>
      <xs:element name="HazmatContactPhoneNumber"
type="ManifestStringType"  minOccurs="0"/>
      <xs:element name="HazmatFlashpointTemperature"
type="ManifestStringType"  minOccurs="0"/>
      <xs:element name="TemperatureUnitOfMeasureCode"
type="ManifestStringType" minOccurs="0"/>
      <xs:element name="ResponseMessage" type="ErrorType" minOccurs="0"/>
    </xs:sequence>
  </xs:complexType>
```

```
  <xs:complexType name="ManifestStringType">
    <xs:sequence>
      <xs:element name="Value"              type="xs:string"
     minOccurs="0" />
      <xs:element name="ErrorList"          type="ErrorType"
     minOccurs="0"    maxOccurs="unbounded" />
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="ErrorType">
    <xs:sequence>
      <xs:element name="ResponseCode"       type="xs:string"
     minOccurs="0" />
      <xs:element name="SeverityIndicator"  type="xs:string"
     minOccurs="0" />
      <xs:element name="NarrativeText"           type="xs:string"
     minOccurs="0" />
    </xs:sequence>
  </xs:complexType>

  <xs:complexType name="ActionType">
    <xs:sequence>
      <xs:element name="ActionCode"         type="xs:string"
     minOccurs="0" />
      <xs:element name="ActionParameter"    type="xs:string"
     minOccurs="0" maxOccurs="unbounded"  />
      <xs:element name="NarrativeText"      type="xs:string"
     minOccurs="0" />
    </xs:sequence>
  </xs:complexType>

</xs:schema>
```

III. XML Data Element Mapping for X.12

Element Name	XML Node	X.12
Filing Information	Filing	
Sender Identifier	SenderId	ISA06
Receiver Identifier	ReceiverId	ISA08
Message Date/Time	MessageDateTime	ISA09 + ISA10
Message Type	MessageType	
Message Control Number	MessageControlNumber	ISA13
Message Reference Number	MessageReferenceNumber	M1012
Conveyance Information	Conveyance	
Conveyance Carrier Code	CarrierCode	M1001
Conveyance Identifier	ConveyanceId	M1004
Conveyance Name	ConveyanceName	M1005
Voyage Number	FlightTripVoyageNumber	M1006
Conveyance Country	ConveyanceCountryCode	M1003
Mode of Transportation	ModeOfTransportationCode	M1002
Scheduled Arrival Date	ScheduledArrivalDate	P402
Arrival Port Code	ArrivalPortCode	P401
Scheduled Departure Date	ScheduledDepartureDate	P402
Departure Port Code	DeparturePortCode	P401
Conveyance Event Information	EventInfoList	
Event Type	EventType	M1501
Event Port Code	EventPortCode	M1504
Event Date / Time	EventDateTime	M1503 + M1506
Event Reference Information	EventReferenceData	M1502
Bill of Lading Information	**BOLInfoList**	
Bill of Lading Issuer Code	BOLIssuerCode	M1112 / M1301
Bill of Lading Number	BOLNumber	M1101 / M1304
Bill of Lading Type	BOLTypeCode	M1109
Bill of Lading Classification	BOLClassificationCode	N/A
Bill of Lading Action Type	BOLActionType	M1303
Amendment Reason Code	BOLAmendmentReasonCode	M1306
Split Shipment Indicator	SplitShipmentIndicator	N/A
Quantity	Quantity	M1103 / M1305
Quantity Unit of Measure	QuantityUnitOfMeasureCode	M1104
Boarded Quantity	BoardedQuantity	N/A
Weight	Weight	M1105
Weight Unit of Measure	WeightUnitOfMeasureCode	M1106
Boarded Weight	BoardedWeight	N/A
Volume	Volume	M1107
Volume Unit of Measure	VolumeUnitOfMeasureCode	M1108
Prior Mode of Transportation	ModeOfTransportationCode	M1122
Bill of Lading Location Information	**BOLlocationInfoList**	

Location Type	LocationTypeCode	N/A
Location Information	Location	M1102 / M1110 / M1120 / M1302
Bill of Lading Reference Information	**BOLReferenceInfoList**	
Reference Type	ReferenceTypeCode	N901
Reference Information	ReferenceData	N902
Bill of Lading Party Information	**BOLPartyInfoList**	
Party Type	PartyType	N101
Party Identifier	PartyIdentificationNumber	N104
Party Identifier Type	PartyIdentificationTypeCode	N103
Party Name	PartyName	N101
Address Line 1	PartyAddressLine1	N301, N302
Address Line 2	PartyAddressLine2	N301, N302
Address Line 3	PartyAddressLine3	N301, N302
City Name	CityName	N401
State / Province Code	StateCode	N402
Postal Code	PostalCode	N403
Country Code	CountryCode	N404
Contact Name	ContactName	PER02
Contact Phone Number	ContactPhoneNumber	PER04
In-bond / PTT Information	**InbondInfoList**	
In-bond Action Type	InbondAction	M1303
In-bond Control Number	InbondNumber	M1206
Previous In-bond Control Number	PreviousInbondNumber	M2106
Transporting Carrier Code	TransportingCarrierCode	M1207
Bonded Carrier Code	BondedCarrierCode	M1209
Entry Type	EntryType	M1201
Entry Number	EntryNumber	M1202
Value	Value	M1205
Quantity	Quantity	M2011 / M2113
Port of Destination Code	USPortOfDestinationCode	M1203
Foreign Port of Destination Code	ForeignPortOfDestinationCode	M1204
PTT Destination Code	PTTDestinationCode	M2006
Equipment Information	**EquipmentInfoList**	
Equipment Type	EquipmentTypeCode	VID01
Equipment Number	EquipmentNumber	VID02 + VID03
Length	EquipmentLength	VID06
Height	EquipmentHeight	VID07
Width	EquipmentWidth	VID08
Size Type	EquipmentSizeTypeCode	VID09
Loaded / Empty Status	LoadedEmptyStatus	VID10
Service Type	ServiceTypeCode	VID11
Seal Numbers	SealInfoList	
	SealNumber	VID04, VID05, M701

Cargo Information	CargoInfoList	
Quantity	Quantity	N1001
Quantity Unit of Measure	QuantityUnitOfMeasure	N1010
Cargo Description	CargoDescription	N1002
Marks and Numbers	MarksAndNumbers	N1003
Commodity Code	CommodityCode	N1005
Country of Origin	CountryOfOrigin	N1011
Value	Value	N1006
Weight	Weight	N1008
Weight Unit of Measure	WeightUnitOfMeasureCode	N1007
Vehicle Identification Numbers	VINInfoList	
	VehicleIdentificationNumber	VC01
Hazmat Information	HazmatInfoList	
Hazmat Code	HazmatCode	H101
Hazmat Class Code	HazmatClassCode	H102
Description	HazmatDescription	H104, H201
Hazmat Contact Name	HazmatContactName	H105
Hazmat Contact Phone	HazmatContactPhone	H105
Flashpoint Temperature	HazmatFlashpointTemperature	H107
Temperature Unit of Measure	TemperatureUnitOfMeasure	H108

DRAFT

IV. Examples of Manifest Transaction Filing for Ocean and Rail

***Note: The sample examples are just snippets showing how some of the key elements are mapped from the X12 format to the XML format. If there are any discrepancies in the sample regarding missing elements, please refer to the schema.**

Manifest Filing – Rail

```
ISA*04*SW309     *00*          *02*KING          *02*CUSTOMSTST     *140101*1100*U*00605*000000917*0*T*:
GS*AQ*KING*CUSTOMSTST*20140101*1100*318*X*006050
ST*309*0917
M10*KING*R*US**TRAIN****P*****28
P4*0901*20140101
LX*001
M11*142528010081*01535*100*UNT*100*L***00***KING********01535
N9*ITN*X20141234567890
N9*IB*123456789-SCAC123456789012
N1*SH*SHIPPING COMPANY
N3*100 MAIN STREET*SUITE 500
N4*ARLINGTON*VA*22315*US
N1*CN*CONSIGNEE
N3*100 MAIN STREET*SUITE 100
N4*TORONTO*ON*M4C 1B5*CA
VID*RR*CNRU*1425280181*******L
N10*100*PEN PROTECTORS*MN STAMPED ON SIDE
SE*16*0917
GE*1*318
IEA*1*000000917
```

```
<CBPManifestMessage Version="1.0" xmlns:xsi="http://manifest.cbp.dhs.gov/shared/model"
xsi:noNamespaceSchemaLocation="cbpmanifest.xsd">

  <Version>1.0</Version>
  <Filing>
    <SenderId>KING</SenderId>
    <ReceiverId>CUSTOMSTST</ReceiverId>
    <MessageDateTime>20140911 1100</MessageDateTime>
    <MessageType>01</MessageType>
    <MessageControlNumber>000000917</ MessageControlNumber >
    <MessageReferenceNumber></ MessageReferenceNumber >
  </Filing>
  <Conveyance>
    <CarrierCode>KING</CarrierCode>
    <ConveyanceName>TRAIN</ConveyanceName>
    <ModeOfTransportation>30</ModeOfTransportation>
    <ConveyanceCountryCode>US</ConveyanceCountryCode>
    <ScheduledDepartureDate>01JAN2014 0000</ScheduledDepartureDate>
    <DeparturePortCode>0901</ DeparturePortCode >
    <BOLInfoList>
```

```
<BOLIssuerCode>KING</BOLIssuerCode>
<BOLNumber>142528010081</BOLNumber>
<BOLTypeCode>00</BOLTypeCode>
<BOLClassificationCode>S</ BOLClassificationCode>
<Quantity>100</ Quantity>
<QuantityUnitOfMeasureCode>UNT</QuantityUnitOfMeasureCode>
<Weight>100</Weight>
<WeightUnitOfMeasureCode>L</WeightUnitOfMeasureCode>
<LocationInfoList>
   <LocationType>U</LocationType>
   <Location>01535</Location>
</LocationInfoList>
<LocationInfoList>
   <LocationType>M</LocationType>
   <Location>01535</Location>
</LocationInfoList>
<ReferenceInfoList>
   <ReferenceType>ITN</ReferenceType>
   <ReferenceData>X20141234567890</ReferenceData>
</ReferenceInfoList>
<ReferenceInfoList>
   <ReferenceType>IB</ReferenceType>
   <ReferenceData>123456789:SCAC123456789012</ReferenceData>
</ReferenceInfoList>
<PartyInfoList>
   <PartyType>SH</PartyType>
   <PartyName>SHIPPING COMPANY</PartyName>
   <PartyAddressLine1>100 MAIN STREET</PartyAddressLine1>
   <PartyAddressLine2>SUITE 500</PartyAddressLine2>
   <CityName>ARLINGTON</CityName>
   <StateCode>VA</StateCode>
   <PostalCode>22315</PostalCode>
   <CountryCode>US</CountryCode>
</PartyInfoList>
<PartyInfoList>
   <PartyType>CN</PartyType>
   <PartyName>CONSIGNEE</PartyName>
   <PartyAddressLine1>100 MAIN STREET</PartyAddressLine1>
   <PartyAddressLine2> SUITE 100</PartyAddressLine2>
   <CityName>TORONTO</CityName>
   <StateCode>ON</StateCode>
   <PostalCode>M4C 1B5</PostalCode>
   <CountryCode>CA</CountryCode>
</PartyInfoList>
<EquipmentInfoList>
   <EquipmentTypeCode>RR</EquipmentTypeCode>
   <EquipmentNumber>CNRU1425280181</EquipmentNumber>
   <LoadedEmptyStatus>L</LoadedEmptyStatus>
```

```
          <CargoInfoList>
            <Quantity>100</Quantity>
            <CargoDescription>PEN PROTECTORS</CargoDescription>
            <MarksAndNumbers>MN STAMPED ON SIDE</MarksAndNumbers>
          </CargoInfoList>
        </EquipmentInfoList>
      </BOLInfoList>
    </Conveyance>
</CBPManifestMessage>
```

Manifest Filing – Ocean

```
ISA*00*          *00*          *ZZ*KING          *ZZ*CUSTOMSTST     *140101*1100*U*00605*000022693*0*T*:
GS*SO*KING*CUSTOMSTST*20140101*1100*22692*X*006050
ST*309*140922
M10*KING*O*US*1234567*VESSEL NAME*09223***W*L****22
P4*0901*20140101
LX*001
M11*142658001003*01535*150*UNT*200*L***00***KING********01535
N9*ITN*X20141234567890
N9*IB*123456789-SCAC123456789012
N1*SH*SHIPPING COMPANY
N3*100 MAIN STREET*SUITE 500
N4*ARLINGTON*VA*22315
N1*CN*CONSIGNEE
N3*100 MAIN STREET*SUITE 100
N4*TORONTO*ON*M4C 1B5*CA
VID*CN*STAR*1409221003*******L
N10*150*PEN PROTECTORS*MN STAMPED ON SIDE
SE*16*140922
GE*1*22692
IEA*1*000022693
```

```
<CBPManifestMessage Version="1.0" xmlns:xsi="http://manifest.cbp.dhs.gov/shared/model"
xsi:noNamespaceSchemaLocation="cbpmanifest.xsd">

  <Version>1.0</Version>
  <Filing>
    <SenderId>KING</SenderId>
    <ReceiverId>CUSTOMSTST</ReceiverId>
    <MessageDateTime>20140911 1100</MessageDateTime>
    <MessageType>02</MessageType>
    <MessageControlNumber>000022693</ MessageControlNumber >
    <MessageReferenceNumber></ MessageReferenceNumber >
  </Filing>
  <Conveyance>
    <CarrierCode>KING</CarrierCode>
    <ConveyanceId>1234567</ConveyanceId>
```

```
<ConveyanceName>VESSEL NAME</ConveyanceName>
<FlightTripVoyageNumber >09223</FlightTripVoyageNumber>
<ModeOfTransportation>10</ModeOfTransportation>
<ConveyanceCountryCode>US</ConveyanceCountryCode>
<ScheduledDepartureDate>01JAN2014 0000</ScheduledDepartureDate>
<DeparturePortCode>0901</ DeparturePortCode >
<BOLInfoList>
  <BOLIssuerCode>KING</BOLIssuerCode>
  <BOLNumber>142658001003</BOLNumber>
  <BOLTypeCode>00</BOLTypeCode>
  <BOLClassificationCode>S</ BOLClassificationCode>
  <BOLActionType>A</ BOLActionType>
  <Quantity>150</ Quantity>
  <QuantityUnitOfMeasure>UNT</QuantityUnitOfMeasure>
  <Weight>200</Weight>
  <WeightUnitOfMeasure>L</WeightUnitOfMeasure>
  <LocationInfoList>
    <LocationType>U</LocationType>
    <Location>01535</Location>
  </LocationInfoList>
  <LocationInfoList>
    <LocationType>M</LocationType>
    <Location>01535</Location>
  </LocationInfoList>
  <ReferenceInfoList>
    <ReferenceType>ITN</ReferenceType>
    <ReferenceData>X20141234567890</ReferenceData>
  </ReferenceInfoList>
  <ReferenceInfoList>
    <ReferenceType>IB</ReferenceType>
    <ReferenceData>123456789:SCAC123456789012</ReferenceData>
  </ReferenceInfoList>
  <PartyInfoList>
    <PartyType>SH</PartyType>
    <PartyName>SHIPPING COMPANY</PartyName>
    <PartyAddressLine1>100 MAIN STREET</PartyAddressLine1>
    <PartyAddressLine2>SUITE 500</PartyAddressLine2>
    <CityName>ARLINGTON</CityName>
    <StateCode>VA</StateCode>
    <PostalCode>22315</PostalCode>
    <CountryCode>US</CountryCode>
  </PartyInfoList>
  <PartyInfoList>
    <PartyType>CN</PartyType>
    <PartyName>CONSIGNEE</PartyName>
    <PartyAddressLine1>100 MAIN STREET</PartyAddressLine1>
    <PartyAddressLine2> SUITE 100</PartyAddressLine2>
    <CityName>TORONTO</CityName>
```

```
        <StateCode>ON</StateCode>
        <PostalCode>M4C 1B5</PostalCode>
        <CountryCode>CA</CountryCode>
      </PartyInfoList>
      <EquipmentInfoList>
        <EquipmentTypeCode>CN</EquipmentTypeCode>
        <EquipmentNumber>STAR1409221003</EquipmentNumber>
        <LoadedEmptyStatus>L</LoadedEmptyStatus>
        <CargoInfoList>
          <Quantity>150</Quantity>
          <CargoDescription>PEN PROTECTORS</CargoDescription>
          <MarksAndNumbers>MN STAMPED ON SIDE</MarksAndNumbers>
        </CargoInfoList>
      </EquipmentInfoList>
    </BOLInfoList>
  </Conveyance>
</CBPManifestMessage>
```


Consist Filing – Rail

```
ISA*04*SW358     *00*          *ZZ*KING          *ZZ*USCT          *140101*1101*U*00404*000000917*0*T*:
GS*AQ*KING*USCT*20140911*1101*318*X*004040
ST*358*0917
M10*KING*R*CA**AMTRAK R 140101 001*09111***S
P4*0901*20140101***2100
VID*LO*WC*140911A*******E
VID*LO*WC*140911B*******E
VID*RR*CNRU*1425280181*******L
MBL*KING*142528010081**Y
VID*ET*CNQ*140911C*******E
SE*09*0917
GE*1*318
IEA*1*000000917
```


```
<CBPManifestMessage Version="1.0" xmlns:xsi="http://manifest.cbp.dhs.gov/shared/model"
xsi:noNamespaceSchemaLocation="cbpmanifest.xsd">

  <Version>1.0</Version>
  <Filing>
    <SenderId>KING</SenderId>
    <ReceiverId>CUSTOMSTST</ReceiverId>
    <MessageDateTime>20140101 1101</MessageDateTime>
    <MessageType>04</MessageType>
    <MessageControlNumber>000000917</ MessageControlNumber >
    <MessageReferenceNumber></ MessageReferenceNumber >
  </Filing>
  <Conveyance>
    <CarrierCode>KING</CarrierCode>
    <ConveyanceName>AMTRAK R 140101 001</ConveyanceName>
```

```
    <VoyageNumber>09111</VoyageNumber>
    <ModeOfTransportation>30</ModeOfTransportation>
    <ConveyanceCountryCode>US</ConveyanceCountryCode>
    <ConveyanceEventList>
      <EventType> 9</EventType>
      <EventPortCode>0901</EventPortCode>
      <EventDateTime> 01JAN2014 2100</EventDateTime>
    </ConveyanceEventList>
    <BOLInfoList>
      <EquipmentInfoList>
        <EquipmentTypeCode>LO</EquipmentTypeCode>
        <EquipmentNumber>WC140911A</EquipmentNumber>
        <LoadedEmptyStatus>E</LoadedEmptyStatus>
      </EquipmentInfoList>
      <EquipmentInfoList>
        <EquipmentTypeCode>LO</EquipmentTypeCode>
        <EquipmentNumber>WC140911B</EquipmentNumber>
        <LoadedEmptyStatus>E</LoadedEmptyStatus>
      </EquipmentInfoList>
      <EquipmentInfoList>
        <EquipmentTypeCode>ET</EquipmentTypeCode>
        <EquipmentNumber>CNQ140911C</EquipmentNumber>
        <LoadedEmptyStatus>E</LoadedEmptyStatus>
      </EquipmentInfoList>
    </BOLInfoList>
    <BOLInfoList>
      <BOLIssuerCode>KING</BOLIssuerCode>
      <BOLNumber>142528010081</BOLNumber>
      <EquipmentInfoList>
        <EquipmentTypeCode>RR</EquipmentTypeCode>
        <EquipmentNumber>CNRU1425280181</EquipmentNumber>
        <LoadedEmptyStatus>L</LoadedEmptyStatus>
      </EquipmentInfoList>
    </BOLInfoList>
  </Conveyance>
</CBPManifestMessage>
```

V. XML Data Element Mapping for CargoImp

Element Name	XML Node	CargoImp
Filing Information	Filing	
Sender Identifier	SenderId	Originator Code
Receiver Identifier	ReceiverId	
Message Date/Time	MessageDateTime	
Message Type	MessageType	
Message Control Number	MessageControlNumber	
Message Reference Number	MessageReferenceNumber	
Conveyance Information	Conveyance	
Conveyance Carrier Code	CarrierCode	FLT Carrier Code
Conveyance Identifier	ConveyanceId	N/A
Conveyance Name	ConveyanceName	N/A
Flight / Voyage Number	FlightTripVoyageNumber	FLT Flight Number
Conveyance Country	ConveyanceCountryCode	
Mode of Transportation	ModeOfTransportationCode	N/A
Scheduled Arrival Date	ScheduledArrivalDate	
Arrival Port Code	ArrivalPortCode	
Scheduled Departure Date	ScheduledDepartureDate	FLT Flight Date
Departure Port Code	DeparturePortCode	
Conveyance Event Information	EventInfoList	
Event Type	EventType	
Event Port Code	EventPortCode	
Event Date / Time	EventDateTime	
Event Reference Information	EventReferenceData	
Bill of Lading Information	BOLInfoList	
Bill of Lading Issuer Code	BOLIssuerCode	AWB Air Waybill Prefix MBI Air Waybill Prefix
Bill of Lading Number	BOLNumber	AWB Serial Number MBI AWB Serial Number + HBS HWB Serial Number
Bill of Lading Type	BOLTypeCode	N/A
Bill of Lading Classification	BOLClassificationCode	AWB – default to “M” HBS – default to “H”
Bill Action Type	**BOLActionType**	N/A
Amendment Reason Code	BOLAmendmentReasonCode	
Port of Departure	PortOfDepartureCode	
Quantity	Quantity	AWB Number of Pieces HBS Number of Pieces
Quantity Unit of Measure	QuantityUnitOfMeasureCode	N/A
Boarded Quantity	BoardedQuantity	
Weight	Weight	AWB Weight HBS Weight
Weight Unit of Measure	WeightUnitOfMeasureCode	AWB Weight Code

		HBS Weight Code
Boarded Weight	BoardedWeight	
Volume	Volume	AWB Volume HBS Volume
Volume Unit of Measure	VolumeUnitOfMeasureCode	AWB Volume Code HBS Volume Code
Mode of Transportation	ModeOfTransportationCode	N/A
Bill of Lading Location Information	BOLLocationInfoList	
Location Type	LocationTypeCode	
Location Information	Location	AWB Origin/ Destination, HAWB Origin / Destination
Bill of Lading Reference Information	BOLReferenceInfoList	
Reference Type	ReferenceTypeCode	
Reference Information	ReferenceData	
Bill of Lading Party Information	BOLPartyInfoList	SHP, CNE, AGT, or NFY
Party Type	PartyType	Line Identifier
Party Identifier	PartyIdentificationNumber	Account Number
Party Identifier Type	PartyIdentificationTypeCode	N/A
Party Name	PartyName	Name
Address Line 1	PartyAddressLine1	Address 1
Address Line 2	PartyAddressLine2	Address 2
Address Line 3	PartyAddressLine3	
City Name	CityName	City / Place
State / Province Code	StateCode	State / Province
Postal Code	PostalCode	Postal Code
Country Code	CountryCode	Country
Contact Name	ContactName	
Contact Phone Number	ContactPhoneNumber	Contact
Equipment Information	EquipmentInfoList	
Equipment Type	EquipmentTypeCode	RTD ULD Type ULD Type
Equipment Number	EquipmentNumber	RTD ULD Owner Code + ULD Serial Number ULD Owner Code + ULD Serial Number
Length	EquipmentLength	RTD Length
Height	EquipmentHeight	RTD Height
Width	EquipmentWidth	RTD Width
Size Type	EquipmentSizeTypeCode	
Loaded / Empty Status	LoadedEmptyStatus	
Service Type	ServiceTypeCode	
Seal Numbers	SealInfoList	
	SealNumber	

Cargo Information	CargoInfoList	
Quantity	Quantity	RTD Number of Pieces HBS Number of Pieces
Quantity Unit of Measure	QuantityUnitOfMeasure	RTD Measurement Unit Code HBS – default to 'PCS'
Cargo Description	CargoDescription	RTD Nature and Quantity of goods HBS Manifest description of goods TXT Free Text
Marks and Numbers	MarksAndNumbers	
Commodity Code	CommodityCode	RTD Harmonized Commodity Code
Value	Value	
Weight	Weight	RTD Weight
Weight Unit of Measure	WeightUnitOfMeasureCode	RTD Weight Code
Vehicle Identification Numbers	VINInfoList	
	VehicleIdentificationNumber	
Hazmat Information	HazmatInfoList	
Hazmat Code	HazmatCode	
Hazmat Class Code	HazmatClassCode	
Description	HazmatDescription	
Hazmat Contact Name	HazmatContactName	
Hazmat Contact Phone	HazmatContactPhone	
Flashpoint Temperature	HazmatFlashpointTemperature	
Temperature Unit of Measure	TemperatureUnitOfMeasure	

DRAFT

VI. Examples of Manifest Transaction Filing for Air

Preliminary Manifest Filing (FWB) - Air

```
QK IADUCCR
.FRAFMLX 120503
FWB
111-18594505BOSCGN/T1K20
RTG/ZRHLX/CGNLX
SHP
/ SHIPPING COMPANY
/100 MAIN STREET SUITE 500
/CAMBRIDGE/ MA
/US/22315
CNE
/DIGITAL MANU
/100 MAIN STREET SUITE 100
/COLOGNE
/DE/0004515
AGT//9999999/0851/CAG
/RAPID CARGO
/BOSTON
CVD/USD/PX/PP/NVD/NCV/XXX
RTD/1/P1/K20/CN/W20/R90/T1800
/NG/HUMAN CELL PELLETS I/X
OTH/P/MYC23SCC4RAC25
/P/XRC2
/C/MDC24.86
PPD/WT1800
/OC54/CT1854
COL
/OC24.79/CT24.79
ISU/02APR14/BOSTON
REF///AIR/LX/ZRH
COR/T1
SPH/XPS/ICE
```

```
<CBPManifestMessage Version="1.0" xmlns:xsi="http://manifest.cbp.dhs.gov/shared/model"
xsi:noNamespaceSchemaLocation="cbpmanifest.xsd">

  <Version>1.0</Version>
  <Filing>
    <SenderId>FRAFMLX</SenderId>
    <ReceiverId>IADUCCR</ReceiverId>
    <MessageDateTime>20141112 050300</MessageDateTime>
    <MessageType>01</MessageType>
```

```
</Filing>
<Conveyance>
  <CarrierCode>LX</CarrierCode>   <!-- From RTG line since no FLT line -->
  <FlightTripVoyageNumber/>        <!-- Unknown since no FLT line -->
  <ConveyanceCountryCode/>         <!-- Unknown since FLT is not provided -->
  <ScheduledArrivalDate/>
  <ArrivalPortCode>ZRH</ArrivalPortCode>  <!-- from first foreign port of arrival on RTG
  <ScheduledDepartureDate/>
  <DeparturePortCode>BOS</DeparturePortCode>  <!-- from Airwaybill line

    <BOLInfoList>
      <BOLIssuerCode>111</BOLIssuerCode>
      <BOLNumber>18594505</BOLNumber>
      <BOLTypeCode>00</ BOLTypeCode>
      <BOLClassificationCode>M</ BOLClassificationCode>
      <BOLActionType>A</BOLActionType>
      <BOLAmendmentReasonCode/>
      <Quantity>1</ Quantity>
      <QuantityUnitOfMeasureCode>PCS</QuantityUnitOfMeasureCode>
      <Weight>20</Weight>
      <WeightUnitOfMeasureCode>K</WeightUnitOfMeasureCode>
      <BOLLocationList>
        <LocationTypeCode>L</LocationTypeCode><Location>BOS</Location>
      </BOLLocationList>
      <BOLLocationList>
        <LocationTypeCode>D</LocationTypeCode><Location>BOS</Location>
      </BOLLocationList>
      <BOLLocationList>
        <LocationTypeCode>A</LocationTypeCode><Location>ZRH</Location>
      </BOLLocationList>
      <BOLLocationList>
        <LocationTypeCode>U</LocationTypeCode><Location>CGN</Location>
      </BOLLocationList>
      <BOLLocationList>
        <LocationTypeCode>M</LocationTypeCode><Location>CGN</Location>
      </BOLLocationList>
      <BOLLocationList>
        <LocationTypeCode>R</LocationTypeCode><Location>COLOGNE DE</Location>
      </BOLLocationList>

      <PartyInfoList>
        <PartyType>SH</PartyType>
        <PartyName>SHIPPING COMPANY</PartyName>
        <PartyAddressLine1>100 MAIN STREET SUITE 500</PartyAddressLine1>
        <CityName>CAMBRIDGE</CityName>
        <StateCode>MA</StateCode>
        <PostalCode>22315</PostalCode>
        <CountryCode>US</CountryCode>
```

```
</PartyInfoList>

<PartyInfoList>
  <PartyType>CN</PartyType>     <!-- from the AGT line -->
  <PartyName>DIGITAL MANU</PartyName>
  <PartyAddressLine1>100 MAIN STREET SUITE 100</PartyAddressLine1>
  <CityName>COLOGNE</CityName>
  <StateCode/>
  <PostalCode>0004515</PostalCode>
  <CountryCode>DE</CountryCode>
</PartyInfoList>
<PartyInfoList>
  <PartyType>AG</PartyType>
  <PartyName>RAPID CARGO</PartyName>
  <CityName>BOSTON</CityName>
</PartyInfoList>

<EquipmentInfoList>
  <EquipmentTypeCode>CN</EquipmentTypeCode>  <!-- from RTD line -->
  <EquipmentNumber>NC</ EquipmentNumber>
  <EquipmentLength/>
  <EquipmentHeight/>
  <EquipmentWidth/>
  <EquipmentSizeTypeCode/>
  <LoadedEmptyStatus/>
  <ServiceTypeCode/>
  <CargoInfoList>
    <Quantity>100</Quantity>
    <QuantityUnitOfMeasure>PCS</QuantityUnitOfMeasure>
    <CargoDescription>HUMAN CELL PELLETS I</CargoDescription>
    <MarksAndNumbers>NN</ MarksAndNumbers>
    <CommodityCode/>
    <Value>NVD</Value>
    <Weight>20</Weight>
    <WeightUnitOfMeasure>K</WeightUnitOfMeasure>

    <HazmatInfoList>   <!-- from SPH line -->
      <HazmatCode>XPS</HazmatCode>
      <HazmatClassCode>A</ HazmatClassCode>
      <HazmatDescription>Small Package</ HazmatDescription>
      <HazmatContactName/>
      <HazmatContactPhone/>
    </HazmatInfoList>

    <HazmatInfoList>   <!-- from SPH line -->
      <HazmatCode>ICE</HazmatCode>
      <HazmatClassCode>A</ HazmatClassCode>
      <HazmatDescription>Goods Packed in Ice</ HazmatDescription>
```

```
          <HazmatContactName/>
          <HazmatContactPhone/>
         </HazmatInfoList>

       </CargoInfoList>
      </EquipmentInfoList>
    </BOLInfoList>
  </Conveyance>
</CBPManifestMessage>
```

House Bill of Lading Filing (FHL) – Air

```
QK IADUCCR
.FRAFMLX 120516
FHL/4
MBI/111-68801202ORDFRA/T5K16959
HBS/1045670769/CVGCGN/1/K47.6//COMPUTER SOFTWA
TXT/COMPUTER SOFTWARE
SHP/SPA INC
/401 MILFORD PARKWAY
/MILFORD/OH
/US/45150
CNE/CINRAM GMBH
/MAURERSTRASSE
/ALSDORF
/DE/52477
```

```
<CBPManifestMessage Version="1.0" xmlns:xsi="http://manifest.cbp.dhs.gov/shared/model"
xsi:noNamespaceSchemaLocation="cbpmanifest.xsd">

   <Version>1.0</Version>
   <Filing>
      <SenderId>FRAFMLX</SenderId>
      <ReceiverId>IADUCCR</ReceiverId>
      <MessageDateTime>20141112 051600</MessageDateTime>  <!-- Use current Year and Month, msg only
contains Day of Month -->
      <MessageType>01</MessageType>
   </Filing>
   <Conveyance>
      <CarrierCode>LX</CarrierCode>  <!-- From MBI line - map AWB prefix to carrier code -->
      <FlightTripVoyageNumber/>         <!-- Unknown since FLT line not provided
      <ConveyanceCountryCode>XX</ ConveyanceCountryCode>
      <ModeOfTransportationCode>40</ ModeOfTransportationCode>
      <ScheduledArrivalDate/>
```

```
<ArrivalPortCode>FRA</ArrivalPortCode>    <!-- from routing on MBI line
<ScheduledDepartureDate>20141112 090102</ ScheduledDepartureDate>
<DeparturePortCode>ORD</DeparturePortCode>  <!-- from routing on MBI line

<BOLInfoList>
   <BOLIssuerCode>111</BOLIssuerCode>
   <BOLNumber>68801202</BOLNumber>
   <BOLTypeCode>00</ BOLTypeCode>
   <BOLClassificationCode>M</ BOLClassificationCode>
   <BOLActionType>A</BOLActionType>
   <BOLAmendmentReasonCode/>
   <Quantity>5</ Quantity>
   <QuantityUnitOfMeasureCode>PCS</QuantityUnitOfMeasureCode>
   <Weight>16959</Weight>
   <WeightUnitOfMeasureCode>K</WeightUnitOfMeasureCode>
   <BOLLocationList>
     <LocationTypeCode>L</LocationTypeCode><Location>ORD</Location>
   </BOLLocationList>
   <BOLLocationList>
     <LocationTypeCode>U</LocationTypeCode><Location>FRA</Location>
   </BOLLocationList>
   <BOLLocationList>
     <LocationTypeCode>A</LocationTypeCode><Location>FRA</Location>
   </BOLLocationList>
   <BOLLocationList>
     <LocationTypeCode>D</LocationTypeCode><Location>ORD</Location>
   </BOLLocationList>
</BOLInfoList>

<BOLInfoList>
   <BOLIssuerCode/>
   <BOLNumber>1045670769</BOLNumber>
   <BOLClassificationCode>H</ BOLClassificationCode>
   <BOLActionType>A</ BOLActionType>
   <Quantity>1</ Quantity>
   <QuantityUnitOfMeasureCode>PCS</QuantityUnitOfMeasureCode>
   <Weight>47.6</Weight>
   <WeightUnitOfMeasureCode>K</WeightUnitOfMeasureCode>
   <BOLLocationList>
     <LocationTypeCode>O</LocationTypeCode><Location>CVG</Location>
   </BOLLocationList>
   <BOLLocationList>
     <LocationTypeCode>M</LocationTypeCode><Location>CGN</Location>
   </BOLLocationList>

   <BOLPartyInfoList>
      <PartyType>SH</PartyType>
      <PartyName>SPA INC</PartyName>
```

```
        <PartyAddressLine1>401 MILFORD PARKWAY</PartyAddressLine1>
        <CityName>MILFORD</CityName>
        <StateCode>OH</StateCode>
        <PostalCode>45150</PostalCode>
        <CountryCode>US</CountryCode>
      </BOLPartyInfoList>
      <BOLPartyInfoList>
        <PartyType>CN</PartyType>     <!-- from the AGT line -->
        <PartyName>CINRAM GMBH</PartyName>
        <PartyAddressLine1>MAUERSTRASSE</PartyAddressLine1>
        <CityName>ALSDORF</CityName>
        <StateCode/>
        <PostalCode>52477</PostalCode>
        <CountryCode>DE</CountryCode>
      </BOLPartyInfoList>

      <EquipmentInfoList>
        <EquipmentTypeCode>ULD</ EquipmentTypeCode>
        <EquipmentNumber>XX123456REF</ EquipmentNumber>
        <EquipmentLength/>
        <EquipmentHeight/>
        <EquipmentWidth/>
        <EquipmentSizeTypeCode/>
        <LoadedEmptyStatus/>
        <ServiceTypeCode/>
        <CargoInfoList>
          <Quantity>1</Quantity>
          <QuantityUnitOfMeasure>PCS</QuantityUnitOfMeasure>
          <CargoDescription>COMPUTER SOFTWA</CargoDescription> <!-- from HBS line -->
          <Weight>47.6</Weight>
          <WeightUnitOfMeasure>K</WeightUnitOfMeasure>

        </CargoInfoList>
      </EquipmentInfoList>
    </BOLInfoList>
  </Conveyance>
</CBPManifestMessage>
```

House Bill of Lading Filing (Checklist FHL) – Air

```
QK IADUCCR
.FRAFMLX 120518
FHL/4
MBI/111-68801202ORDFRA/T4K1811
HBS/FF100100100/ORDINN/T2K611
HBS/FF200200200/ORDFRA/T1K1000
HBS/FF300300300/ORDZRH/T1K200
```

```
<CBPManifestMessage Version="1.0" xmlns:xsi="http://manifest.cbp.dhs.gov/shared/model"
xsi:noNamespaceSchemaLocation="cbpmanifest.xsd">

  <Version>1.0</Version>
  <Filing>
    <SenderId>FRAFMLX</SenderId>
    <ReceiverId>IADUCCR</ReceiverId>
    <MessageDateTime>20141112 051800</MessageDateTime>
    <!-- Use current Year and Month, msg only contains Day of Month -->
    <MessageType>02</MessageType>
  </Filing>

  <Conveyance>
    <CarrierCode>LX</CarrierCode>
    <!-- From MBI line - map AWB prefix to carrier code -->
    <FlightTripVoyageNumber/>
    <!-- Unknown since FLT line not provided
    <ConveyanceCountryCode/>
    <!-- Unknown since FLT is not provided -->
    <ScheduledArrivalDate/>
    <ArrivalPortCode>FRA</ArrivalPortCode>
    <!-- from routing on MBI line
    <ScheduledDepartureDate/>
    <DeparturePortCode>ORD</DeparturePortCode>
    <!-- from routing on MBI line

    <BOLInfoList>
      <BOLIssuerCode>111</BOLIssuerCode>
      <BOLNumber>68801202</BOLNumber>
      <BOLClassificationCode>M</ BOLClassificationCode>
      <BOLAmendmentReasonCode/>
      <PortofDestinationCode>FRA</PortofDestinationCode>
      <!-- From AWB line -->
      <PortOfUnloadingCode>FRA</PortOfUnloadingCode>
      <PlaceofReceipt/>
      <PortOfLoadingCode>ORD</PortOfLoadingCode>
      <PortOfDepartureCode>ORD</PortOfDepartureCode>
      <Quantity>4</ Quantity>
      <QuantityUnitOfMeasureCode>PCS</QuantityUnitOfMeasureCode>
      <Weight>1811</Weight>
      <WeightUnitOfMeasureCode>K</WeightUnitOfMeasureCode>
      <BOLLocationList>
        <LocationTypeCode>L</LocationTypeCode><Location>ORD</Location>
      </BOLLocationList>
      <BOLLocationList>
        <LocationTypeCode>D</LocationTypeCode><Location>ORD</Location>
      </BOLLocationList>
```

```
    <BOLLocationList>
      <LocationTypeCode>A</LocationTypeCode><Location>FRA</Location>
    </BOLLocationList>
    <BOLLocationList>
      <LocationTypeCode>U</LocationTypeCode><Location>FRA</Location>
    </BOLLocationList>
  </BOLInfoList>

  <BOLInfoList>
    <BOLIssuerCode/>
    <BOLNumber>FF100100100</BOLNumber>
    <BOLClassificationCode>H</ BOLClassificationCode>
    <BOLAmendmentReasonCode/>
    <BOLLocationList>
      <LocationTypeCode>O</LocationTypeCode><Location>ORD</Location>
    </BOLLocationList>
    <BOLLocationList>
      <LocationTypeCode>M</LocationTypeCode><Location>INN</Location>
    </BOLLocationList>
    <Quantity>2</ Quantity>
    <QuantityUnitOfMeasureCode>PCS</QuantityUnitOfMeasureCode>
    <Weight>611</Weight>
    <WeightUnitOfMeasureCode>K</WeightUnitOfMeasureCode>
  </BOLInfoList>

  <BOLInfoList>
    <BOLIssuerCode/>
    <BOLNumber>FF200200200</BOLNumber>
    <BOLClassificationCode>H</ BOLClassificationCode>
    <BOLAmendmentReasonCode/>
    <BOLLocationList>
      <LocationTypeCode>O</LocationTypeCode><Location>ORD</Location>
    </BOLLocationList>
    <BOLLocationList>
      <LocationTypeCode>M</LocationTypeCode><Location>FRA</Location>
    </BOLLocationList>
    <Quantity>1</ Quantity>
    <QuantityUnitOfMeasureCode>PCS</QuantityUnitOfMeasureCode>
    <Weight>1000</Weight>
    <WeightUnitOfMeasureCode>K</WeightUnitOfMeasureCode>
  </BOLInfoList>

  <BOLInfoList>
    <BOLIssuerCode/>
    <BOLNumber>FF300300300</BOLNumber>
    <BOLClassificationCode>H</ BOLClassificationCode>
    <BOLAmendmentReasonCode/>
    <BOLLocationList>
```

```
        <LocationTypeCode>O</LocationTypeCode><Location>ORD</Location>
      </BOLLocationList>
      <BOLLocationList>
        <LocationTypeCode>M</LocationTypeCode><Location>ZRH</Location>
      </BOLLocationList>
      <Quantity>1</ Quantity>
      <QuantityUnitOfMeasureCode>PCS</QuantityUnitOfMeasureCode>
      <Weight>200</Weight>
      <WeightUnitOfMeasureCode>K</WeightUnitOfMeasureCode>
    </BOLInfoList>

  </Conveyance>
</CBPManifestMessage>
```


Freight Flight Manifest (FFM) – Air

```
QK IADUCCR
.TESTAES 292117
FFM
1/LX6791/29APR/ATL
MUC
ULD/PMC82342LX-M
111-55119024ATLMUC/T2K385MC2.23/SHIP PARTS FOR
/ZXF/HEA
COR/X
111-59106386ATLMUC/T2K520MC2.19/CONSOL
/HEA
COR/X
111-59142226ATLINN/T6K103MC1.20/CONSOLIDATION
/RMD
COR/X
LAST
```


```
<CBPManifestMessage Version="1.0" xmlns:xsi="http://manifest.cbp.dhs.gov/shared/model"
xsi:noNamespaceSchemaLocation="cbpmanifest.xsd">

  <Version>1.0</Version>
  <Filing>
    <SenderId>TESTAES</SenderId>
    <ReceiverId>IADUCCR</ReceiverId>
    <MessageDateTime>20140429 211700</MessageDateTime>
    <MessageType>04</MessageType>
  </Filing>

  <Conveyance>
    <CarrierCode>LX</CarrierCode>
    <FlightTripVoyageNumber>6791</FlightTripVoyageNumber>
    <ConveyanceCountryCode/>
```

```
<ScheduledArrivalDate/>
<ArrivalPortCode>MUC</ArrivalPortCode>
<ScheduledDepartureDate>20140429</ScheduledDepartureDate>
<DeparturePortCode>ATL</DeparturePortCode>

<BOLInfoList>
   <BOLIssuerCode>111</BOLIssuerCode>
   <BOLNumber>55119024</BOLNumber>
   <BOLClassificationCode>M</ BOLClassificationCode>
   <Quantity>2</ Quantity>
   <QuantityUnitOfMeasureCode>PCS</QuantityUnitOfMeasureCode>
   <Weight>385</Weight>
   <WeightUnitOfMeasureCode>K</WeightUnitOfMeasureCode>
   <BOLLocationList>
    <LocationTypeCode>L</LocationTypeCode><Location>ATL</Location>
   </BOLLocationList>
   <BOLLocationList>
    <LocationTypeCode>D</LocationTypeCode><Location>ATL</Location>
   </BOLLocationList>
   <BOLLocationList>
    <LocationTypeCode>A</LocationTypeCode><Location>MUC</Location>
   </BOLLocationList>
   <BOLLocationList>
    <LocationTypeCode>U</LocationTypeCode><Location>MUC</Location>
   </BOLLocationList>
                        <EquipmentInfoList>
                         <EquipmentTypeCode>ULD</EquipmentTypeCode>
                         <EquipmentNumber>PMC82342LX-M</EquipmentNumber>
                        </EquipmentInfoList>
                        <CargoInfoList>
                         <HazmatInfoList>
                          <HazmatCode>ZXF</HazmatCode>
                         </HazmatInfoList>
                         <HazmatInfoList>
                          <HazmatCode>HEA</HazmatCode>
                                <HazmatDescription>HEAVY</HazmatDescription>
                         </HazmatInfoList>
                        </CargoInfoList>
</BOLInfoList>

<BOLInfoList>
   <BOLIssuerCode>111</BOLIssuerCode>
   <BOLNumber>59106386</BOLNumber>
   <BOLClassificationCode>M</ BOLClassificationCode>
   <Quantity>2</ Quantity>
   <QuantityUnitOfMeasureCode>PCS</QuantityUnitOfMeasureCode>
   <Weight>520</Weight>
   <WeightUnitOfMeasureCode>K</WeightUnitOfMeasureCode>
```

```
  <BOLLocationList>
    <LocationTypeCode>L</LocationTypeCode><Location>ATL</Location>
  </BOLLocationList>
  <BOLLocationList>
    <LocationTypeCode>D</LocationTypeCode><Location>ATL</Location>
  </BOLLocationList>
  <BOLLocationList>
    <LocationTypeCode>A</LocationTypeCode><Location>MUC</Location>
  </BOLLocationList>
  <BOLLocationList>
    <LocationTypeCode>U</LocationTypeCode><Location>MUC</Location>
  </BOLLocationList>
                        <EquipmentInfoList>
                          <EquipmentTypeCode>BLK</EquipmentTypeCode>
                          <EquipmentNumber>NA</ EquipmentNumber>
                        </EquipmentInfoList>
                        <CargoInfoList>
                          <HazmatInfoList>
                            <HazmatCode>HEA</HazmatCode>
                                  <HazmatDescription>HEAVY</HazmatDescription>
                          </HazmatInfoList>
                        </CargoInfoList>
</BOLInfoList>

<BOLInfoList>
  <BOLIssuerCode>111</BOLIssuerCode>
  <BOLNumber>59142226</BOLNumber>
  <BOLClassificationCode>M</ BOLClassificationCode>
  <Quantity>6</ Quantity>
  <QuantityUnitOfMeasureCode>PCS</QuantityUnitOfMeasureCode>
  <Weight>103</Weight>
  <WeightUnitOfMeasureCode>K</WeightUnitOfMeasureCode>
  <BOLLocationList>
    <LocationTypeCode>L</LocationTypeCode><Location>ATL</Location>
  </BOLLocationList>
  <BOLLocationList>
    <LocationTypeCode>D</LocationTypeCode><Location>ATL</Location>
  </BOLLocationList>
  <BOLLocationList>
    <LocationTypeCode>A</LocationTypeCode><Location>MUC</Location>
  </BOLLocationList>
  <BOLLocationList>
    <LocationTypeCode>U</LocationTypeCode><Location>INN</Location>
  </BOLLocationList>
                        <EquipmentInfoList>
                          <EquipmentTypeCode>BLK</EquipmentTypeCode>
                          <EquipmentNumber>NA</ EquipmentNumber>
                        </EquipmentInfoList>
```

```
                        <CargoInfoList>
                         <HazmatInfoList>
                          <HazmatCode>HEA</HazmatCode>
                                <HazmatDescription>HEAVY</HazmatDescription>
                         </HazmatInfoList>
                        </CargoInfoList>
    </BOLInfoList>


  </Conveyance>
</CBPManifestMessage>
```

Flight Departure (FSU/DEP) – Air

```
QK IADUCCR
.TESTAES 090407 33333333 MESX138 JUL14
FSU/6
111-80114403ATLFRA/T20K349
DEP/LX8171/09JUL/ATLFRA/T20/A1930/E0530-N
```

```
<CBPManifestMessage Version="1.0" xmlns:xsi="http://manifest.cbp.dhs.gov/shared/model"
xsi:noNamespaceSchemaLocation="cbpmanifest.xsd">

  <Version>1.0</Version>
  <Filing>
    <SenderId>TESTAES</SenderId>
    <ReceiverId>IADUCCR</ReceiverId>
    <MessageDateTime>20140709 040700</MessageDateTime>
    <!-- Use current Year and Month, msg only contains Day of Month -->
    <MessageType>03</MessageType>
  </Filing>

  <Conveyance>
    <CarrierCode>LX</CarrierCode>
    <FlightTripVoyageNumber>8171</FlightTripVoyageNumber>
    <ConveyanceCountryCode/>
    <ScheduledArrivalDate>20140710 053000</ScheduledArrivalDate>
    <ArrivalPortCode>FRA</ArrivalPortCode>
    <ScheduledDepartureDate>20140709 193000</ScheduledDepartureDate>
    <DeparturePortCode>ATL</DeparturePortCode>

                <ConveyanceEventList>
                 <EventType>9</EventType>
                 <EventPortCode>ATL</EventPortCode>
                 <EventDateTime>20140709 193000</EventDateTime>
                 <EventReferenceData>DEP LX8171</EventReferenceData>
```

```
                </ConveyanceEventList>


      <BOLInfoList>
        <BOLIssuerCode>111</BOLIssuerCode>
        <BOLNumber>80114403</BOLNumber>
        <BOLClassificationCode>M</ BOLClassificationCode>
        <BOLAmendmentReasonCode>DEPARTURE</BOLAmendmentReasonCode>
        <Quantity>20</ Quantity>
        <QuantityUnitOfMeasureCode>PCS</QuantityUnitOfMeasureCode>
        <Weight>349</Weight>
        <WeightUnitOfMeasureCode>K</WeightUnitOfMeasureCode>
        <BOLLocationList>
          <LocationTypeCode>L</LocationTypeCode><Location>ATL</Location>
        </BOLLocationList>
        <BOLLocationList>
          <LocationTypeCode>D</LocationTypeCode><Location>ATL</Location>
        </BOLLocationList>
        <BOLLocationList>
          <LocationTypeCode>A</LocationTypeCode><Location>FRA</Location>
        </BOLLocationList>
        <BOLLocationList>
          <LocationTypeCode>U</LocationTypeCode><Location>FRA</Location>
        </BOLLocationList>
      </BOLInfoList>

    </Conveyance>
</CBPManifestMessage>
```


Freight Status Update – Discrepancy (FSU/DIS) – Air

```
QK IADUCCR
.TESTAES 010403 MESS111 JUN14
FSU/6
111-79994040CLEFRA/T16K1637
DIS/LX8189/02JUN2303/CLE/OFLD/T16K1637
```


```
<CBPManifestMessage Version="1.0" xmlns:xsi="http://manifest.cbp.dhs.gov/shared/model"
xsi:noNamespaceSchemaLocation="cbpmanifest.xsd">

    <Version>1.0</Version>
    <Filing>
      <SenderId>TESTAES</SenderId>
      <ReceiverId>IADUCCR</ReceiverId>
      <MessageDateTime>20140601 040300</MessageDateTime>
      <MessageType>03</MessageType>
    </Filing>
```

```
  <Conveyance>
    <CarrierCode>LX</CarrierCode>
    <FlightTripVoyageNumber>8189</FlightTripVoyageNumber>
    <ConveyanceCountryCode/>
    <ScheduledArrivalDate/>
    <ArrivalPortCode>FRA</ArrivalPortCode>
    <ScheduledDepartureDate/>
    <DeparturePortCode>CLE</DeparturePortCode>

    <BOLInfoList>
      <BOLIssuerCode>111</BOLIssuerCode>
      <BOLNumber>79994040</BOLNumber>
      <BOLClassificationCode>M</ BOLClassificationCode>
      <BOLAmendmentReasonCode>DISCREPANCY</BOLAmendmentReasonCode>
      <Quantity>16</ Quantity>
      <QuantityUnitOfMeasureCode>PCS</QuantityUnitOfMeasureCode>
      <Weight>1637</Weight>
      <WeightUnitOfMeasureCode>K</WeightUnitOfMeasureCode>
    </BOLInfoList>

                <ConveyanceEventList>
                  <EventType>11</EventType>
                  <EventPortCode>CLE</EventPortCode>
                  <EventDateTime>20140602 230300</EventDateTime>
                  <EventReferenceData>OFLD - Off Loaded</EventReferenceData>
                </ConveyanceEventList>

  </Conveyance>
</CBPManifestMessage>
```


Examples of Manifest Transaction Filing Response Messages

Here is an example of a response message with fatal error:


```
<CBPManifestMessage Version="1.0" xmlns:xsi="http://manifest.cbp.dhs.gov/shared/model"
xsi:noNamespaceSchemaLocation="cbpmanifest.xsd">
  <Version>1.0</Version>
  <Filing>
    <SenderId>CUSTOMS</SenderId>
    <ReceiverId>KING</ReceiverId>
    <MessageDateTime>20140911 1100</MessageDateTime>
    <MessageType>01</MessageType>
    <MessageControlNumber>000000917</ MessageControlNumber >
    <MessageReferenceNumber>12345678</ MessageReferenceNumber >
  </Filing>
  <Conveyance>
```

```
    <CarrierCode>KING</CarrierCode>
    <ConveyanceName>TRAIN</ConveyanceName>
    <ModeOfTransportation>30</ModeOfTransportation>
    <ConveyanceCountryCode>US</ConveyanceCountryCode>
    <ScheduledDepartureDate>01JAN2014 0000</ScheduledDepartureDate>
    <DeparturePortCode>0901</ DeparturePortCode >
    <BOLInfoList>
      <BOLIssuerCode>KING</BOLIssuerCode>
      <BOLNumber>142528010081</BOLNumber>
      <BOLTypeCode>00</BOLTypeCode>
      <ReferenceInfoList>
        <ReferenceType>ITN</ReferenceType>
        <ReferenceData>X20141234567890
                    <ErrorType>
                        <ResponseCode>695</ResponseCode>
                        <SeverityIndicator>F</SeverityIndicator>
                        <NarrativeText>ITN NOT ON FILE </NarrativeText>
                    </ErrorType>
        </ReferenceData>
      </ReferenceInfoList>
        </BOLInfoList>
  </Conveyance>
</CBPManifestMessage>
```

Here is an example of a response message with no errors:

```
<CBPManifestMessage Version="1.0" xmlns:xsi="http://manifest.cbp.dhs.gov/shared/model"
xsi:noNamespaceSchemaLocation="cbpmanifest.xsd">
  <Version>1.0</Version>
  <Filing>
    <SenderId>CUSTOMS</SenderId>
    <ReceiverId>KING</ReceiverId>
    <MessageDateTime>20140911 1100</MessageDateTime>
    <MessageType>01</MessageType>
    <MessageControlNumber>000000917</ MessageControlNumber >
    <MessageReferenceNumber>12345678</ MessageReferenceNumber >
  </Filing>
  <Conveyance>
    <CarrierCode>KING</CarrierCode>
    <ConveyanceName>TRAIN</ConveyanceName>
    <ModeOfTransportation>30</ModeOfTransportation>
    <ConveyanceCountryCode>US</ConveyanceCountryCode>
    <ScheduledDepartureDate>01JAN2014 0000</ScheduledDepartureDate>
    <DeparturePortCode>0901</ DeparturePortCode >
                    <ErrorType>
                        <ResponseCode>000</ResponseCode>
                        <SeverityIndicator>I</SeverityIndicator>
                        <NarrativeText>MESSAGE PROCESSED </NarrativeText>
```

```
                    </ErrorType>
  </Conveyance>
</CBPManifestMessage>
```

Examples of CBP Manifest Notificatiion Messages

Here is an example of hold message:

```
<CBPManifestMessage Version="1.0" xmlns:xsi="http://manifest.cbp.dhs.gov/shared/model"
xsi:noNamespaceSchemaLocation="cbpmanifest.xsd">
  <Version>1.0</Version>
  <Filing>
    <SenderId>CUSTOMS</SenderId>
    <ReceiverId>KING</ReceiverId>
    <MessageDateTime>20140911 1100</MessageDateTime>
    <MessageType>01</MessageType>
    <MessageControlNumber>000000917</ MessageControlNumber >
    <MessageReferenceNumber>12345678</ MessageReferenceNumber >
  </Filing>
  <Conveyance>
    <CarrierCode>KING</CarrierCode>
    <ConveyanceName>TRAIN</ConveyanceName>
    <ModeOfTransportation>30</ModeOfTransportation>
    <ConveyanceCountryCode>US</ConveyanceCountryCode>
    <ScheduledDepartureDate>01JAN2014 0000</ScheduledDepartureDate>
    <DeparturePortCode>0901</ DeparturePortCode >
    <BOLInfoList>
      <BOLIssuerCode>KING</BOLIssuerCode>
      <BOLNumber>142528010081</BOLNumber>
      <BOLTypeCode>00</BOLTypeCode>
        <ActionType>
              <ActionCode>1H</ActionCode>
              <NarrativeText>Bill placed on hold by CBP </NarrativeText>
        </ActionType>
        </BOLInfoList>
  </Conveyance>
</CBPManifestMessage>
```

Appendix A – Mode of Transportation

Mode of Transportation Description	Proprietary Format Code
Vessel, Non-containerized	10
Vessel, Containerized	11
Barge	12
Rail	20
Rail, Containerized	21
Truck	30
Truck, Containerized	31
Auto	32
Pedestrian	33
Road, Other	34
Air	40
Air, Containerized	41
Mail	50
Passenger, Hand-carried	60
Fixed Transport Installations (Pipeline, powerhouses)	70

DRAFT

Appendix B – Party Type

TBD

DRAFT

Appendix C – ISO Country Codes

Country/Territory Name	ISO Country Code
Afghanistan	AF
Albania	AL
Algeria	DZ
American Samoa	AS
Andorra	AD
Angola	AO
Anguilla	AI
Antigua and Barbuda	AG
Argentina	AR
Armenia	AM
Aruba	AW
Australia	AU
Austria	AT
Azerbaijan	AZ
Azores	PT
Bahamas	BS
Bahrain	BH
Bangladesh	BD
Barbados	BB
Belgium	BE
Belize	BZ
Benin	BJ
Bermuda	BM
Bhutan	BT
Bolivia	BO
Bosnia-Hercegovina	BA
Botswana	BW
Brazil	BR
British Indian Ocean Territory	IO
British Virgin Islands	VG
Brunei Darussalam	BN
Bulgaria	BG
Burkina	BF
Burma (Myanmar)	BU
Burundi	BI
Byelarus	BY
Cambodia	KH
Cameroon	CM
Canada	CA
Canary Island	ES
Canton and Enderbury Islands	KI
Cape Verde	CV
Cayman Island	KY
Central African Republic	CF

DRAFT

Country/Territory Name	ISO Country Code
Chad	TD
Chile	CL
China	CN
Christmas Islands	CX
Cocos (Keeling) Island	CC
Colombia	CO
Comoros	KM
Congo (Brazzaville)	CG
Cook Islands	CK
Costa Rica	CR
Croatia	HR
Cuba	CU
Curacao	CW
Cyprus	CY
Czech Republic, The	CZ
Democratic Republic of Congo (Kinshasa)	CD
Denmark	DK
Djibouti	DJ
Dominica	DM
Dominican Republic	DO
Ecuador	EC
Egypt	EG
El Salvador	SV
Equatorial Guinea	GQ
Eritrea	ER
Estonia	EE
Ethiopia	ET
Falkland Islands (Malvinas)	FK
Faroe Islands	FO
Fiji	FJ
Finland	FI
France	FR
French Guiana	GF
French Polynesia	PF
French Southern and Antarctic Lands	TF
Gabon	GA
Gambia, The	GM
Gaza Strip	GZ
Georgia	GE
Germany, Federal Republic of	DE
Ghana	GH
Gibraltar	GI
Greece	GR
Greenland	GL
Grenada	GD
Guadeloupe	GP
Guam	GU
Guatemala	GT

DRAFT

Country/Territory Name	ISO Country Code
Guinea	GN
Guinea-Bissau	GW
Guyana	GY
Haiti	HT
Heard Island and McDonald Islands	HM
Honduras	HN
Hong Kong	HK
Hungary	HU
Iceland	IS
India	IN
Indonesia	ID
Iran	IR
Iraq	IQ
Ireland	IE
Israel	IL
Italy	IT
Ivory Coast	CI
Jamaica	JM
Japan	JP
Johnston Atoll	UM
Jordan	JO
Kampuchea, Democratic	KH
Kazakhstan	KZ
Kenya	KE
Kiribati	KI
Korea, Democratic People's Republic of	KP
Korea, North	KP
Korea, Republic of	KR
Korea, South	KR
Kosovo	KV
Kuwait	KW
Kyrgyzstan	KG
Lao Peoples' Democratic Republic	LA
Latvia	LV
Lebanon	LB
Lesotho	LS
Liberia	LR
Libya	LY
Liechtenstein	LI
Lithuania	LT
Luxembourg	LU
Macau	MO
Macedonia (Skopje)	MK
Madagascar	MG
Madeira Island	PT
Malawi	MW
Malaysia	MY
Maldives	MV

DRAFT

Country/Territory Name	ISO Country Code
Mali	ML
Malta	MT
Marshall Islands	MH
Martinique	MQ
Mauritania	MR
Mauritius	MU
Mayotte	YT
Mexico	MX
Micronesia, Federal States of	FM
Midway Islands	UM
Moldova	MD
Monaco	MC
Mongolia	MN
Montenegro	ME
Montserrat	MS
Morocco	MA
Mozambique	MZ
Myanmar (see Burma)	
Namibia	NA
Nauru	NR
Nepal	NP
Netherlands	NL
New Caledonia	NC
New Zealand	NZ
Nicaragua	NI
Niger	NE
Nigeria	NG
Niue	NU
Norfolk Island	NF
North Korea	KP
Northern Mariana Island	MP
Norway	NO
Oman	OM
Pakistan	PK
Palau	PW
Panama	PA
Papua New Guinea	PG
Paraguay	PY
Peru	PE
Philippines	PH
Pitcairn Island	PN
Poland	PL
Portugal	PT
Puerto Rico	PR
Qatar	QA
Reunion	RE
Romania	RO
Russia	RU

DRAFT

Country/Territory Name	ISO Country Code
Rwanda	RW
St. Christopher	KN
St. Helena	SH
St. Kitts and Nevis	KN
Saint Lucia	LC
St. Pierre and Miquelon	PM
Saint Vincent and the Grenadines	VC
Samoa	WS
San Marino	SM
Sao Tome and Principe	ST
Saudi Arabia	SA
Senegal	SN
Serbia	RS
Seychelles	SC
Sierra Leone	SL
Singapore	SG
Saint Maarten	SX
Slovakia	SK
Slovenia	SI
Solomon Islands	SB
Somalia	SO
South Africa	ZA
South Korea	KR
South Sudan	SS
Spain	ES
Spanish Africa	ES
Sri Lanka	LK
Sudan	SD
Suriname	SR
Svalbard and Jan Mayen Islands	SJ
Swaziland	SZ
Sweden	SE
Switzerland	CH
Syrian Arab Republic	SY
Taiwan	TW
Tajikistan	TJ
Tanzania, United Republic of	TZ
Thailand	TH
Timor-Leste	TL
Togo	TG
Tokelau	TK
Tonga	TO
Trinidad and Tobago	TT
Tunisia	TN
Turkey	TR
Turkmenistan	TM
Turks and Caicos Island	TC
Tuvalu	TV

DRAFT

Country/Territory Name	ISO Country Code
Uganda	UG
Ukraine	UA
United Arab Emirates	AE
United Kingdom	GB
United States	US
United States Minor Outlying Islands	UM
Uruguay	UY
Uzbekistan	UZ
Vanuatu	VU
Vatican City	VA
Venezuela	VE
Viet Nam	VN
Virgin Islands of the United States	VI
Wake Island	UM
Wallis and Futuna Islands	WF
West Bank	WE
Western Sahara	EH
Western Samoa	WS
Yemen, Republic of	YE
Zambia	ZM
Zimbabwe	ZW

DRAFT

Appendix D – Amendment Codes

Table A: Exporting Carrier Amendment Codes.

Amendment Code	Exporting Carrier Amendment Code Description
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 from the United States, per evidence in files.
03	Clerical error in manifesting per bill of lading in files.
04	Pilfered prior to departure in United States per signed statement of master of his agent or vessel log extract in our files.
05	Erroneously duplicated by another bill of lading on the same manifest.
12	Overage – manifest for discharge at another port and inadvertently discharged at this port.

Table B: Bonded Carrier Amendment Codes.

Amendment Code	Bonded Carrier Amendment Code Descriptions
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. MDR (Manifest Discrepancy Report) will be filed at origin to correct in-bond entry. A copy will be delivered to this port within 90 days or duty and taxes will be paid.
17	Merchandise removed from original container and repacked as part of the in-bond movement.

DRAFT

Appendix E – Units of Measure

Unit of Measure Description	Proprietary Format Code
Barrels	BBL
Carats	CAR
Clean Yield Kilogram	CYK
Content Gram	CGM
Content Kilogram	CKG
Content Tons	CTN
Cubic Meters	CBM
Curie	CUR
Dose	DS
Dozen	DOZ
Dozen Pairs	DPR
Dozen Pieces	DPC
Fiber Meters	FBM
Gigabecquerels	GBQ
Gold Content Grams	AUG
Grams	GM
Gross	GRS
Gross Containers	GCN
Gross Lines	GRL
Hundred	HUN or HND
Iridium Content Grams	IRG
Jewels	JWL
Kilograms	KG or KG. or KGS
Kilograms Total Sugar	KTS
Kilowatt Hours	MWH
Liters	L or LTR
Megabecquerels	MBQ
Meters	M or MTR or LNM
Millicuries	MC
Number	NO or NO.
Osmium Content Grams	OSG
Ozone Depletion Equivalent	ODE
Packs	PK or PKS
Pairs	PRS or PR
Palladium Content Gram	PDG
Pieces	PCS
Proof Liters	PFL
Plutonium Content Grams	PTG
Rhodium Content Grams	RHG
Running Bales	RBA
Ruthenium Content Grams	RUG
Silver Content Grams	AGG
Square	SQ
Square Centimeters	CM2 or SCM
Square Meters	M2 or SQM
Thousand	THS or K

DRAFT

Unit of Measure Description	Proprietary Format Code
Thousand Cubic Meters	TCM or KM3
Thousand Meters	KM or THM
Ton	T or TON
Ton Raw Value	TNV
X = No Unit Required	X

DRAFT

Appendix F – Equipment Type Code

Description of Container/Equipment	Code
20 ft.IL Container (Open Top)	20
20 ft. IL Container (Closed Top)	2B
Control Unit	2D
Helper Unit	2E
Roadrailer	2F
40 ft. IL Container (Open Top)	40
40 ft. IL Container (Closed Top)	4B
Closed Container	AC
Air Freight (Break Bulk)	AF
Container, Aluminum (Container must be made of aluminum)	AL
Aircraft	AP
Closed Container (Controlled Temperature)	AT
Covered Barge	BC
Bi-level Railcar Fully Open	BE
Bi-level Railcar Fully Enclosed	BF
Bogie	BG
Bi-level Railcar Screen, With Roof	BH
Bi-level Railcar Screen, No Roof	BJ
Container, Bulk	BK
Barge Open	BO
Barge	BR
Boxcar	BX
Caboose	CA
Chassis, Gooseneck	CB
Container Resting on a Chassis	CC
Container with Bag Hangers (Rings or bars located in upper part of container walls to suspend bulk bags within the ocean-type container)	CD
Container, Tank (Gas)	CG
Chassis	CH
Container, Insulated	CI
Container, Insulated/Ventilated	CJ
Container, Heated/Insulated/Ventilated	CK
Container (Close Top – Length Unspecified)	CL
Container, Open-Sided	CM
Container	CN
Coil Car Open	CP
Container, Tank (Food Grade-Liquid)	CQ
Coil-Car Covered	CR
Container-Low Side Open Top	CS
Container-High Side Open Top	CT
Container (Open Top – Length Unspecified)	CU
Close Van	CV
Container, Tank (Chemicals)	CW
Container, Tank	CX

DRAFT

Description of Container/Equipment	Code
Refrigerated Container	CZ
Double-Drop Trailer (A flatbed with two drop decks)	DD
Container with Flush Doors (Container doors must be flush with the inside walls of the ocean-type container)	DF
Drop Back Trailer	DT
Boxcar, Damage Free Equipped	DX
End of Train Device	ET
Flat Bed Trailer with Headboards	FH
Flat Bed Trailer – Removable Sides	FN
Flatcar with Pedestal	FP
Flat Bed Trailer – Removable Sides	FR
Container with Floor Securing Rings (Appliances at floor level that can be used to secure cargo)	FS
Flat Bed Trailer	FT
Boxcar Cushion Under Frame of	FX
Generator Set	GS
Container with Hangar Bars (Container must be equipped with hanger beams/bars for garment shipments)	HB
Hopper Car (Covered)	HC
Hopper Car (Open)	HO
Hopper Car (Covered; Pneumatic Discharge)	HP
Head of Train Device	HT
High Cube Van	HV
Hydrant-Cart (Used at large airports with installed distribution systems to make into-plane deliveries; distinguished from other types of fueling vehicles)	HY
Idler Car	ID
Boxcar (Insulated)	IX
Locomotive	LO
Half Height Flat Rack	LS
Load/Unload Device on Equipment	LU
Boxcar (Interior Bulkheads)	NX
Ocean Vessel (Break Bulk)	OB
Open-Top/Flatbed Trailer	OT
Open Top Van	OV
Container, Platform	PL
Power Pack (A container holding a motor, generator, and fuel tank; used to provide power for refrigerated containers on a double stack train)	PP
Protected Trailer	PT
Pick-up Truck	PU
Fixed-Rack, Flatbed Trailer (A Flatbed Trailer with A-frame)	RA
Refrigerated (Reefer) Car	RC
Fixed-Rack, Double-Drop Trailer (A double drop flatbed with an A-frame)	RD
Flat Car (End Bulkheads)	RE
Flat Car	RF
Gondola Covered	RG
Gondola Car (Covered-Interior Bulkheads)	RI

Description of Container/Equipment	Code
Gondola Car (Open)	RO
Rail Car	RR
Fixed-Rack, Single-Drop Trailer (A single-drop flatbed with an A-frame)	RS
Controlled Temperature Trailer (Reefer)	RT
Saddle (Device to stack containers on a rail car)	SA
Service Car	SC
Single-Drop Trailer (A flatbed trailer with one drop deck)	SD
Stack Car	SK
Container, Steel (Container must be made of steel)	SL
STAK-RAK (A device upon which empty chassis may be stacked for movement on a railcar stack train, trailer or waterborne vessel)	SR
Container with Smooth Sides (Walls in ocean container must be flat/smooth)	SS
Removable Side Trailer	ST
Van-Special Inside Length, Width or Height Requirements	SV
Trailer, Heated/Insulated/Ventilated	TA
Trailer, Board	TB
Trailer, Car	TC
Trailer, Dry Freight	TF
Trailer, Tank (Gas)	TG
Truck, Open Top High Side	TH
Trailer, Insulated	TI
Trailer, Tank (Chemicals)	TJ
Trailer, Tank (Food Grade-Liquid)	TK
Trailer (not otherwise specified)	TL
Trailer, Insulated/Ventilated	TM
Tank Car	TN
Truck, Open Top	TO
Trailer, Pneumatic (A specialized trailer with a pneumatic device for loading or unloading)	TP
Trailer, Electric Heat (A trailer with electric heat to keep product from freezing)	TQ
Tractor	TR
Telescoping Trailer	TT
Truck, Open Top Low Side	TU
Truck, Van	TV
Trailer, Refrigerated (A refrigerated trailer capable of keeping product cold. Different from a temperature controlled trailer which is able to keep product at a constant temperature)	TW
Tri-level Railcar 20 Feet	UA
Tri-level Railcar Screened, Fully Enclosed	UB
Tri-level Railcar Screened, with Roof	UC
Tri-level Railcar Screened, No Roof	UD
Tri-level Railcar Screened, With Doors, No Roof	UE
Unit Load Device (ULD)	UL
Container, Upgrade (Container must be upgraded for higher weights)	UP
Container, Vented (Dry container must be vent openings for air exchange)	VA
Vessel, Ocean	VE
Vessel, Lake	VL
Vessel, Ocean, Roll-on/Roll-off	VR

DRAFT

Description of Container/Equipment	Code
Vessel, Ocean, Lash	VS
Vessel, Ocean, Containership	VT
Container with Wavy or Ripple Sides (Walls must be wavy or ripples type)	WR
Railroad Maintenance of Way Car	WY

DRAFT

Appendix G – Transportation Service Type Codes

Description of Container/Equipment	**Code**
20 ft.IL Container (Open Top)	20
20 ft. IL Container (Closed Top)	2B
Control Unit	2D
Helper Unit	2E
Roadrailer	2F
40 ft. IL Container (Open Top)	40
40 ft. IL Container (Closed Top)	4B
Closed Container	AC
Air Freight (Break Bulk)	AF
Container, Aluminum (Container must be made of aluminum)	AL
Aircraft	AP
Closed Container (Controlled Temperature)	AT
Covered Barge	BC
Bi-level Railcar Fully Open	BE
Bi-level Railcar Fully Enclosed	BF
Bogie	BG
Bi-level Railcar Screen, With Roof	BH
Bi-level Railcar Screen, No Roof	BJ
Container, Bulk	BK
Barge Open	BO
Barge	BR
Boxcar	BX
Caboose	CA
Chassis, Gooseneck	CB
Container Resting on a Chassis	CC
Container with Bag Hangers (Rings or bars located in upper part of container walls to suspend bulk bags within the ocean-type container)	CD
Container, Tank (Gas)	CG
Chassis	CH
Container, Insulated	CI
Container, Insulated/Ventilated	CJ
Container, Heated/Insulated/Ventilated	CK
Container (Close Top – Length Unspecified)	CL
Container, Open-Sided	CM
Container	CN
Coil Car Open	CP
Container, Tank (Food Grade-Liquid)	CQ
Coil-Car Covered	CR
Container-Low Side Open Top	CS
Container-High Side Open Top	CT
Container (Open Top – Length Unspecified)	CU
Close Van	CV
Container, Tank (Chemicals)	CW
Container, Tank	CX
Refrigerated Container	CZ

DRAFT

Description of Container/Equipment	**Code**
Double-Drop Trailer (A flatbed with two drop decks)	DD
Container with Flush Doors (Container doors must be flush with the inside walls of the ocean-type container)	DF
Drop Back Trailer	DT
Boxcar, Damage Free Equipped	DX
End of Train Device	ET
Flat Bed Trailer with Headboards	FH
Flat Bed Trailer – Removable Sides	FN
Flatcar with Pedestal	FP
Flat Bed Trailer – Removable Sides	FR
Container with Floor Securing Rings (Appliances at floor level that can be used to secure cargo)	FS
Flat Bed Trailer	FT
Boxcar Cushion Under Frame of	FX
Generator Set	GS
Container with Hangar Bars (Container must be equipped with hanger beams/bars for garment shipments)	HB
Hopper Car (Covered)	HC
Hopper Car (Open)	HO
Hopper Car (Covered; Pneumatic Discharge)	HP
Head of Train Device	HT
High Cube Van	HV
Hydrant-Cart (Used at large airports with installed distribution systems to make into-plane deliveries; distinguished from other types of fueling vehicles)	HY
Idler Car	ID
Boxcar (Insulated)	IX
Locomotive	LO
Half Height Flat Rack	LS
Load/Unload Device on Equipment	LU
Boxcar (Interior Bulkheads)	NX
Ocean Vessel (Break Bulk)	OB
Open-Top/Flatbed Trailer	OT
Open Top Van	OV
Container, Platform	PL
Power Pack (A container holding a motor, generator, and fuel tank; used to provide power for refrigerated containers on a double stack train)	PP
Protected Trailer	PT
Pick-up Truck	PU
Fixed-Rack, Flatbed Trailer (A Flatbed Trailer with A-frame)	RA
Refrigerated (Reefer) Car	RC
Fixed-Rack, Double-Drop Trailer (A double drop flatbed with an A-frame)	RD
Flat Car (End Bulkheads)	RE
Flat Car	RF
Gondola Covered	RG
Gondola Car (Covered-Interior Bulkheads)	RI
Gondola Car (Open)	RO
Rail Car	RR

DRAFT

Description of Container/Equipment	**Code**
Fixed-Rack, Single-Drop Trailer (A single-drop flatbed with an A-frame)	RS
Controlled Temperature Trailer (Reefer)	RT
Saddle (Device to stack containers on a rail car)	SA
Service Car	SC
Single-Drop Trailer (A flatbed trailer with one drop deck)	SD
Stack Car	SK
Container, Steel (Container must be made of steel)	SL
STAK-RAK (A device upon which empty chassis may be stacked for movement on a railcar stack train, trailer or waterborne vessel)	SR
Container with Smooth Sides (Walls in ocean container must be flat/smooth)	SS
Removable Side Trailer	ST
Van-Special Inside Length, Width or Height Requirements	SV
Trailer, Heated/Insulated/Ventilated	TA
Trailer, Board	TB
Trailer, Car	TC
Trailer, Dry Freight	TF
Trailer, Tank (Gas)	TG
Truck, Open Top High Side	TH
Trailer, Insulated	TI
Trailer, Tank (Chemicals)	TJ
Trailer, Tank (Food Grade-Liquid)	TK
Trailer (not otherwise specified)	TL
Trailer, Insulated/Ventilated	TM
Tank Car	TN
Truck, Open Top	TO
Trailer, Pneumatic (A specialized trailer with a pneumatic device for loading or unloading)	TP
Trailer, Electric Heat (A trailer with electric heat to keep product from freezing)	TQ
Tractor	TR
Telescoping Trailer	TT
Truck, Open Top Low Side	TU
Truck, Van	TV
Trailer, Refrigerated (A refrigerated trailer capable of keeping product cold. Different from a temperature controlled trailer which is able to keep product at a constant temperature)	TW
Tri-level Railcar 20 Feet	UA
Tri-level Railcar Screened, Fully Enclosed	UB
Tri-level Railcar Screened, with Roof	UC
Tri-level Railcar Screened, No Roof	UD
Tri-level Railcar Screened, With Doors, No Roof	UE
Unit Load Device (ULD)	UL
Container, Upgrade (Container must be upgraded for higher weights)	UP
Container, Vented (Dry container must be vent openings for air exchange)	VA
Vessel, Ocean	VE
Vessel, Lake	VL
Vessel, Ocean, Roll-on/Roll-off	VR
Vessel, Ocean, Lash	VS
Vessel, Ocean, Containership	VT

DRAFT

Description of Container/Equipment	**Code**
Container with Wavy or Ripple Sides (Walls must be wavy or ripples type)	WR
Railroad Maintenance of Way Car	WY

DRAFT

Appendix H – Hazardous Material

Hazardous Class Code	Description
4	46 Level DOT Code
6	Airline Tariff 6D
9	Title 49 Code of Federal Regulations
A	International Civil Aviation
D	Hazardous Materials ID DOT
E	Endorsement
F	Air Force Regulation 71-4
I	International Maritime Organization (IMO) Code issued by Lloyds
R	Bureau of Explosives 600-A
U	United Nations

DRAFT

Appendix I1 – Reference Type Codes - Export

Reference Code	Narrative Text
EXA	Reports the exclusion of shipments outbound from the U.S. or U.S. Virgin Islands or Puerto Rico for the U.S.
EXB	Reports the exemption for shipments originating in the U.S. destined for Canada.
EXC	Reports the exemption for shipments valued $2500 or less
EXD	Reports the exemption for the export of technology and software
EXE	Reports the exemption for the export of books, maps to foreign libraries
EXF	Reports the exemption for the export of gift parcels and humanitarian donations
EXG	Reports the exemption for the export of diplomatic pouches and their contents
EXH	Reports the exemption for the export of human remains
EXI	Reports the exemption for the export Interplant correspondence and company business records
EXJ	Reports the exemption for the export aircraft parts and equipment for use of U.S. airlines
EXK	Reports the exemption for the export of banknotes, securities and coins
EXL	Reports the exemption for the export of documents used in international transactions
EXM	Reports the exemption for the export technical data and defense service transactions
EXN	Reports the exemption for the export of vessels, locomotives, aircraft engaged in international traffic
EXO	Reports the exemption for the export of shipments to army Post Offices, Diplomatic Post Offices, and Fleet Post Offices
EXQ	Reports the exemption for the export of shipments exported under license exception: Baggage
EXR	Reports the exemption for the export of shipments destined for countries in Country Group E
EXS	Reports the exemption for the export of shipments consigned to the U.S. armed forces
EXT	Reports the exemption for the export of office furniture etc. for U.S. government use
EXU	Reports the exemption for the export of household goods and personal property for Use of U.S. government personnel
EXV	Reports the exemption for the export of food, medicines, etc. shipped to U.S. government offices or government employees for their own use
EXW	Reports the exemption for the export of books, maps, etc. shipped by U.S. government offices to U.S. or foreign libraries.
FEN	Foreign Entry Number
HS	Harmonized Code System if the HS code received from the shipper is greater than 6 digits.
IB	In-bond Number. Report Inbond number and the corresponding import bill number separated by hyphen.
ITN	Internal Transaction Number (ITN)
MXC	Mexican CAAT code. This is required for Mexican transactions and usage and is optional for U.S. exports to Mexico
MXE	Mexican export bonded warehouse number. This is required for Mexican transactions and usage is optional for U.S, exports to Mexico. Refer to the Schedule located in http://www.Gob.mx/ref.5x12appendix for valid codes.

DRAFT

MXI	Mexican import bonded warehouse number. This is required for Mexican transactions and usage is optional for U.S, exports to Mexico. Refer to the Schedule located in http://www.gob.mx/ref.5x12appendix for valid codes.
OB	Ocean Bill of Lading

Appendix I2 – Reference Type Codes - Import

Reference Code	Narrative Text

DRAFT

Appendix J – Response Codes

Response Code	Severity Indicator	Narrative Text
000	**I**	MESSAGE PROCESSED
630	**E**	INVALID LADING PORT CODE
631	**E**	INVALID UNLADING PORT CODE
632	**E**	INVALID DESTINATION PORT CODE
633	**E**	INVALID FOREIGN DEST PORT CODE
634	**E**	INVALID ARRIVAL PORT CODE
695	**E**	ITN NOT ON FILE
696	**E**	IN BOND NOT ON FILE
697	**E**	ITN OR EXEMPTION CODE REQUIRED

Appendix K – Action Codes

Action Code	Narrative Text
1H	A hold is placed on the item.
1I	Hold released
IR	Inspection requested
DR	Documents requested.
SU	Seal updated.

DRAFT