

Automated Manifest System (AMS) Rail

This chapter provides record formats pertaining to the Automated Manifest System (AMS) Rail bill of lading and train information to a specified ABI filer.

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Record Identifier 2V (Output).....
AMS-29

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Record Identifier 3V (Output).....
AMS-30

This is a conditional output record used to provide additional hazardous material information.

Record Identifier NS05 (Output).
AMS-31

This is a conditional output record used to provide conveyance information to ABI filers participating in the Rail Automated Manifest System.

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This is a conditional output record that contains the necessary header data to identify the in-bond for which the status information is being transmitted.

Record Identifier NS30 (Output).
AMS-35

This is a mandatory output record that contains the notification information relating to a particular bill of

lading.

Record Identifier NS40 (Output).

AMS-37

This is a conditional output record that contains additional notification information relating to a particular bill of lading.

Record Identifier NS50 (Output).

AMS-38

This is a conditional output record that contains remarks relating to the posting of a bill of lading or the status of the importing conveyance.

Record Identifier NS60 (Output).

AMS-39

This is a conditional output record that identifies all containers associated with the bill of lading for which the status notification is issued.

Automated Manifest System (AMS) Rail

This application is used to provide Automated Manifest System (AMS) Rail bill of lading and train information to a specified ABI filer. The U.S. Customs and Border Protection (CBP) receives this information electronically from participating rail carriers and makes it available to ABI filers as a mechanism to reduce paper handling.

In conjunction with bill of lading and train information, ABI filers also receive bill of lading status messages. Status messages include, but are not limited to, holds, Line Release compliance exam requirements and CBP keyed narrative messages. These status messages are sent in the NS application. Record layouts for the NS application are found in the In-bond chapter of this document.

With the cooperation of the ABI filer, the participating railroad may also transmit the C4 code for Line Release within the bill of lading information. When a rail bill of lading is cleared via an AMS transmitted C4 code, the ABI filer is notified of the entry number through the XR application, exactly as if the C4 code had been wanded by CBP. Record layouts for the XR application are contained in the Line Release chapter of this document.

Input: There are no ABI input records.

Output: Record identifiers 1M, 2M, 1P, 1J, 1B, 2B, 0N, 1C, 1D, 2D, and NS30 are mandatory. Records 1A, 3B, 1I, 2I, 2C, 0D, 1V, 2V, 3V, NS05, NS10, NS40, NS50 and NS60 are conditional. Records 4B, 2N, 3N, and 4N are optional.

The AMS Rail download application identifier in Record Identifier B is BD. For additional information on Record Identifier B, refer to the Application Control chapter of this document.

Record Identifier 1M (Output)

This is a mandatory output record providing train and manifest header information.

Record Identifier 1M (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 1M.	
Carrier Code	4AN	3-6	M	A code representing the importing carrier. This is the Standard Carrier Alpha Code (SCAC) of the party who issued the bill.	
Transportation Indicator	2N	7-8	M	A code indicating the method of transportation. R = Rail X = Intermodal (piggyback)	
Country Code of Importing Conveyance	2A	9-10	M	ISO country code for the importing conveyance.	
Importing Conveyance Name	23X	11-33	M	Name of the importing conveyance.	
Trip Number	5X	34-38	O	Julian date YYDDD.	
Number of Bills of Lading	5N	39-43	M	A value representing the total number of bills of lading for the manifest.	
Manifest Sequence Number	6N	44-49	O	A code representing the manifest sequence number. This number is an optional carrier-assigned number. The system-generated default is zero (000000). It may be a date. Once transmitted it cannot be changed. All subsequent transmissions must use the original manifest sequence number.	
AMS MIB (Paperless Participant)	1X	50	C	A code of Y indicating a user who is a paperless MIB participant. If not, space fill.	
Lloyds Vessel Code	7AN	51-57	C	Not used. Space fill.	
Manifest Type Code	1A	58	M	P = Preliminary Y = Amendment T = Intransit	
Filler	22AN	59-80	M	Space fill.	

Record Identifier 2M (Output)

This is a mandatory output record providing additional train and manifest header information.

<i>Record Identifier 2M (Output)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 2M.	
Carrier Assigned Batch Number	30AN	3-32	M	Control number assigned by the carrier.	
Filler	48AN	33-80	M	Space fill.	

Record Identifier 1P (Output)

This is a mandatory output record providing port of crossing information.

Record Identifier 1P (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 1P.	
District/Port of Unlading	4N	3-6	M	A code representing the CBP port of crossing. Valid codes can be queried through the Extract Reference File chapter of this document.	
Original Scheduled Date of Arrival	6N	7-12	M	A numeric date in MMDDYY (month, day, year) format representing the estimated date of arrival at the port of crossing.	
Number of Bills of Lading for Port	5N	13-17	M	A value representing the total number of bills of lading transmitted for the CBP port of crossing.	
FIRMS Code	4AN	18-21	O	An element representing the Facilities Information and Resources Management System (FIRMS) code. It is provided by CBP. This code is a four-position serial number.	
Time	4AN	22-25	O	The estimated time of crossing in HHMM (hour minute) format. For preliminary bills the time will be 0000, for amended bills an actual time will be sent.	
Filler	55AN	26-80	M	Space fill.	

Record Identifier 1J (Output)

This is a mandatory output record that identifies the bill issuer.

<i>Record Identifier 1J (Output)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 1J.	
Issuer Code	4AN	3-6	M	This is the Standard Carrier Alpha Code (SCAC) of the party who issued the bill.	
Filler	74AN	7-80	M	Space fill.	

Record Identifier 1A (Output)

This is a conditional output record used to provide bill of lading action information.

Record Identifier 1A (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 1A.	
Carrier Code	4AN	3-6	M	The Standard Carrier Alpha Code (SCAC) of the importing carrier.	
CBP District/Port	4N	7-10	M	A code representing the CBP port of crossing. Valid codes can be queried through the Extract Reference File chapter of this document.	
Action Code	1N	11	M	A code representing the CBP type of manifest amendment. Valid codes are: A = Add bill of lading D = Delete bill of lading R = Replace the existing manifest quantity with new data.	
Bill of Lading Number	12AN	12-23	M	A code representing the bill of lading number. Does not include the issuer code as it is contained in the 1J record.	
Quantity	10X	24-33	C	If the action code is R on this record, the quantity of the bill of lading is replaced with a new amended quantity.	
Amendment Code	2X	34-35	M	A code representing the reason(s) for the amendment of the manifest record. See Appendix B.	
House Bill Number	12X	36-47	C	Not used. Space fill.	
Carrier Code	4AN	48-51	C	The 4-position Standard Carrier Alpha Code (SCAC) of the secondary notify party authorized to receive a copy of the bill of lading release.	
Filler	29AN	52-80	M	Space fill.	

Record Identifier 1B (Output)

This is a mandatory output record used to provide bill of lading and in-bond information.

Record Identifier 1B (Output)					
Data Element	Length /Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 1B.	
Bill of Lading	12X	3-14	M	The master bill number as listed on the manifest. If the number is less than 12 positions, it is left justified. Do not include spaces, hyphens, slashes, or other special characters.	
Foreign Port of Lading	5N	15-19	M	The Census Schedule K code representing the foreign port in which the cargo was laden on board the importing conveyance.	1
Manifest Quantity	10N	20-29	M	The quantity associated with the lowest level of the bill number being reported. It is the smallest exterior packaging unit.	
Manifest Units	5X	30-34	M	An abbreviation representing the unit of measure.	
Weight	10N	35-44	M	A value greater than zero representing the gross weight in pounds or kilos. Input only whole numbers; no decimals or fractions.	
Weight Unit	1A	45	M	A code representing the unit of weight. Valid codes are: L = Pounds K = Kilograms	
Filler	1AN	46	M	Space fill.	
Bill of Lading Status Indicator	1X	47	C	A code representing the status of the bill of lading. Valid codes are: 0 or space = regular bill 1 = Space charter 2 = Empty equipment/instruments of international traffic 3 = Sec 321 Tariff Act of 1930 4 = Intangibles 5 = Returned goods 6 = Gifts 7 = Monthly manifest 8 = American goods returned	

Record Identifier 1B (Output)					
Data Element	Length /Class	Position	Status	Description	Note
Master In-Bond Indicator	1X	48	C	A code representing the status of the master-in-bond (MIB). Valid codes are: 0 or space = Not MIB 1 = MIB	
House Bill Number	12X	49-60	O	This field is reserved for future use. Space fill.	
In-Bond Entry Type	2N	61-62	C	The ACS code representing the type of in-bond movement. Valid codes are: 61 = Immediate Transportation (IT) 62 = Transportation and Exportation (T&E) 63 = Immediate Exportation (IE) 69 = In-Transit (US-Canada-US) 70 = Multi-Transit	
In-Bond Port of Destination	4N	63-66	C	The Census Schedule D code representing the CBP port of termination for an IT (61) entry, or the port of exportation for a T&E (62) entry, or the port of arrival for an IE (63) entry.	
Filler	14AN	67-80	M	Space fill.	

Note 1

The following codes are to be used when cargo was laden on the importing conveyance at an inland location and the shipment is destined for a non-seaport location in Canada or Mexico. These codes are to be used only for in-bond and for Rail AMS:

Canadian Provinces

Code	Description
80101	Alberta
80102	Manitoba
80103	Saskatchewan
80104	Northwest Territories
80105	Yukon
80106	British Columbia
80107	Ontario
80108	Quebec
80109	Nova Scotia
80110	New Brunswick
80111	Prince Edward Island

Note 1 - Continued

Canadian Provinces

Code	Description
80112	Newfoundland
80113	Nunavut

Mexican States

Code	Description
97101	Aguascalientes
97102	Baja California Norte
97103	Baja California Sur
97104	Chihuahua
97105	Colima
97106	Campeche
97107	Coahuila
97108	Chiapas
97109	Distrito Federal
97110	Durango
97111	Guerrero
97112	Guanajuato
97113	Hidalgo
97114	Jalisco
97115	Michoacan
97116	Morelos
97117	Mexico
97118	Navarit
97119	Nuevo Leon
97120	Oaxaca
97121	Puebla
97122	Quintana Roo
97123	Queretaro
97124	Sinaloa
97125	San Luis Potosi
97126	Sonora
97127	Tabasco
97128	Tlaxcala
97129	Tamaulipas
97130	Veracruz
97131	Yucatan
97132	Zacatecas

Record Identifier 2B (Output)

This is a mandatory output record used to provide information about the place of pre-carrier receipt.

Record Identifier 2B (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 2B.	
Measurement	10N	3-12	O	A value representing the measurement in cubic feet or cubic meters. Field will be zero filled if not transmitted by the rail. Not used in Rail.	
Measurement Unit	2A	13-14	C	A code representing the measure. This data element is required if the measurement value is given.	
Place of Receipt by Pre-carrier	17AN	15-31	O	A city or country name in which the pre-carrier took possession of the cargo.	
Space Charter B/L Reference	12X	32-43	C	A code representing the bill of lading number issued to the carrier that chartered the space from the vessel operator. This element is used only by the carrier who is reporting bills of lading covered by space charter agreement. This is for future use. Space fill.	
Carrier Code	4AN	44-47	O	A code representing the first secondary notify party. Currently, the only acceptable secondary notify party code is the four position Standard Carrier Alpha Code (SCAC).	
Carrier Code	4AN	48-51	O	A code representing the second secondary notify party. Currently, the only acceptable secondary notify party code is the four position Standard Carrier Alpha Code (SCAC).	
Filler	29AN	52-80	M	Space fill.	

Record Identifier 3B (Output)

This is a conditional output record that provides supplementary in-bond information on the bill.

Record Identifier 3B (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 3B.	
Bill of Lading Sequence Number	12AN	3-14	M	The master bill number as listed on the manifest. If the number is less than 12 positions, it is left justified. Do not include spaces, hyphens, slashes or special characters.	
Master In-Bond Type Code	1A	15	M	A code of P indicating transmission of a paperless in-bond. A code of C indicating transmission of a conventional in-bond.	
House Bill Number	12AN	16-27	O	This field is reserved for future use. Space fill.	
Sub-House Bill Number	12AN	28-39	O	This field is reserved for future use. Space fill.	
In-Bond Entry Type	2N	40-41	M	The ACS code representing the type of in-bond movement. Valid codes are: 61 = Immediate Transportation (IT) 62 = Transportation and Exportation (T&E) 63 = Immediate Exportation (IE) 69 = In-Transit (US-Canada-US) 70 = Multi-Transit	
Previous In-Bond Number	11AN	42-52	C	The number identifying the previous in-bond movement. If the in-bond number is less than 12 positions, it is left justified. Do not include spaces, hyphens, or other special characters.	
Quantity	10N	53-62	C	Quantity is mandatory if previous in-bond number field has been completed.	
In-Bond Port of Destination	4N	63-66	M	The Census Schedule D code representing the U.S. port of termination for an IT (61) entry, or the port of exportation for a T&E (62) entry, or the port of arrival for an IE (63) entry.	
Carrier Code	4AN	67-70	O	A code representing the first secondary notify party. Currently, the only acceptable secondary notify party code is the four position Standard Carrier Alpha Code (SCAC).	
Carrier Code	4AN	71-74	O	A code representing the second secondary notify party. Currently, the only acceptable secondary notify party code is the four position Standard Carrier Alpha Code (SCAC).	

Filler	6AN	75-80	M	Space fill.	
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Record Identifier 4B (Output)

This is an optional output record used to provide additional reference numbers to identify the shipment. This record may be repeated up to ten times.

Record Identifier 4B (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 4B.	
Reference Qualifier	3AN	3-5	M	Number type identifier. If using the two character code qualifiers it must be left justified.	1
Reference Number	30AN	6-35	M	Number identified by the reference qualifier.	
Filler	45AN	36-80	M	Space fill.	

Note 1

The list of valid reference qualifiers and narrative description is as follows:

Code	Description
8S	Broker Identification
BL	Government Bill of Lading
BM	Bill of Lading Number
BN	Booking Number
CG	Consignee's Order Number
CN	Carrier's Reference Number (Pro or Invoice Number)
CO	Customer Order Number
CR	Customer Reference Number
CX	Consignment Classification Number
ED	Export Declaration
FN	Forwarders or Agents Reference Number
FP	Forestry Permit Number
GB	Grain Block Number
GR	Grain Order Reference Number
HS	Harmonized Code System
IN	Consignee's Invoice Number
LT	Lot Number
MA	Ship Notice or Manifest Number
MB	Master Bill of Lading
OB	Ocean Bill of Lading
OM	Ocean Manifest
OW	Service Order Number

Note 1 - Continued

Code	Description
PK	Packing List Number
PN	Permit Number
PO	Purchase Order Number
RC	Rail Routing Code
RR	Railroad
S7	Stack Train Identification
SI	Shipper's Identifying Number for Shipment (SID)
SO	Shipper's Order (Invoice Number)
ST	Store Number
SW	Seller's Sale Number
UT	Unit Train
VA	Vessel Agent Number
WU	Vessel
WY	Rail Waybill Number
XP	Previous Cargo Control Number
ZE	Coal Authority Number
ZZ	Mutually Defined
FEN	Foreign Entry Number

Record Identifier 0N (Output)

This is a mandatory output record used to identify the entities involved in the import transaction. This record may be repeated up to five times per bill of lading.

Record Identifier 0N (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2A	1-2	M	Must always equal 0N.	
Entity ID Code	2AN	3-4	C	BN = Beneficial Owner C1 = In Care of Party CB = CBP Broker CD = Consignee to Receive Mail & Small Parcels CN = Consignee N1 = Notify Party #1 N2 = Notify Party #2 OO = Order of Party PF = Payer of Freight SF = Shipped From SH = Shipper UC = Ultimate Consignee	
Name	35AN	5-39	C	Free form name of the identified entity.	
Code Qualifier	2AN	40-41	C	9 = DUNS + 4 AB = ABI Routing Code	
ID Code	17AN	42-58	C	Either DUNS + 4 Code or ABI Routing Code as related to preceding Code Qualifier. Must be at least seven characters, but no more than seventeen.	
Entity Relationship Code	2AN	59-60	O	This field is reserved for future use. Space fill.	
Entity ID Code	2AN	61-62	O	This field is reserved for future use. Space fill.	
Filler	18AN	63-80	M	Space fill.	

Record Identifier 2N (Output)

This is an optional output record used to identify the entities involved in the import transaction. If used, this record will immediately follow record 0N.

<i>Record Identifier 2N (Output)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 2N.	
Entity Party Address	35X	3-37	M	A representation of the first line of the entity's address or just entity country if that is the only information available.	
Entity Party Address	35X	38-72	C	A representation of the second line of address of the entity, if available.	
Filler	8AN	73-80	M	Space fill.	

Record Identifier 3N (Output)

This is an optional record used to identify the entities involved in the import transaction. If used, this record will immediately follow record 2N.

Record Identifier 3N (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 3N.	
City Name	19AN	3-21	C	Free form text for the city name. Limited to 19 characters for rail.	
State/Province	2AN	22-23	O	Code (State/Province) as defined by the appropriate government agency.	
Postal Code	9AN	24-32	O	Code defining the international postal code, excluding punctuation and blanks. Zip codes will be used for U.S.A. addresses.	
Country Code	2AN	33-34	O	ISO country code.	
Location Identifier	5AN	35-39	C	Not used in Rail. Space fill.	
Filler	41AN	40-80	M	Space fill.	

Record Identifier 4N (Output)

This is an optional record used to identify the entities involved in the import transaction. If used, this record will immediately follow record 3N.

Record Identifier 4N (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 4N.	
Contact Name	23AN	3-25	O	Free form name for the contact person.	
Comm Number Qualifier	2AN	26-27	C	Code Identifying the type of communications number. FX = fax TE = telephone	
Communications Number	25AN	28-52	C	The complete communications number, including country and area code when applicable.	
Comm Number Qualifier	2AN	53-54	C	This field is reserved for future use. Space fill.	
Communications Number	25AN	55-79	C	This field is reserved for future use. Space fill.	
Filler	1AN	80	M	Space fill.	

Record Identifier 1I (Output)

This is a conditional record used to provide supplemental in-bond information on the bill.

Record Identifier 1I (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 1I.	
In-Bond Entry Type	2N	3-4	M	The ACS code representing the type of in-bond movement. Valid codes are: 61 = Immediate Transportation (IT) 62 = Transportation and Exportation (T&E) 63 = Immediate Exportation (IE) 69 = In-Transit (US-Canada-US) 70 = Multi-Transit	
Filler	2AN	5-6	M	Space Fill.	
Conventional In-Bond Number	9N	7-15	C	The in-bond entry number. The only format currently used is the conventional 9 character all numeric in-bond number as listed on the CF-7512. It will be left justified and will not contain spaces, hyphens, slashes, or other special characters. Will be zero filled if rail transmits a "V" in-bond.	
In-Bond Carrier Code	4AN	16-19	C	A code representing the Standard Carrier Alpha code (SCAC) of the in-bond carrier assuming liability for the in-bond movement.	
U.S. Port of Destination	4N	20-23	C	The Census Schedule D code representing the CBP port of termination for an IT (61) entry, or the port of exportation for a T&E (62) entry, or the port of arrival for an IE (63) entry.	
Foreign Destination	5N	24-28	C	The Census Schedule K code representing the foreign port of destination for T&E (62) or IE (63) entries. This field is left blank for IT (61) entries. For rail exports see supplemental Schedule K codes in Appendix B.	
Value	8N	29-36	M	A value in whole dollars of the in-bond movement. Twenty dollars per kilo may be used if the value is unknown. Must be greater than zero.	

Record Identifier 11 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Bonded Carrier ID Number	12X	37-48	M	<p>A code representing the identification (ID) number of the bonded carrier (also referred to as the importer or IRS number). Must include any embedded hyphens. Valid formats for importer number are:</p> <p>NN-NNNNNNNXX = Internal Revenue Service Number; YYDDPP-NNNN = CBP Assigned Number; NNN-NN-NNNN = Social Security Number</p>	
Paperless In-Bond	11AN	49-59	C	A code representing the carrier assigned V in-bond number used with paperless MIB movements. Either the conventional in-bond number data element or the paperless in-bond data element must be completed.	
Port of In-Bond Arrival/Departure	4N	60-63	C	The Census Schedule D code representing the CBP port where the shipment exits the U.S. to transit Canada or reenters the U.S. from Canada, incidental to traveling to the in-bond destination.	
Port of In-Bond Arrival/Departure	4N	64-67	C	The Census Schedule D code representing the CBP port where the shipment exits the U.S. to transit Canada or reenters the U.S. from Canada, incidental to traveling to the in-bond destination.	
Port of In-Bond Arrival/Departure	4N	68-71	C	The Census Schedule D code representing the CBP port where the shipment exits the U.S. to transit Canada or reenters the U.S. from Canada, incidental to traveling to the in-bond destination.	
Port of In-Bond Arrival/Departure	4N	72-75	C	The Census Schedule D code representing the CBP port where the shipment exits the U.S. to transit Canada or reenters the U.S. from Canada, incidental to traveling to the in-bond destination.	
Port of In-Bond Arrival/Departure	4N	76-79	C	The Census Schedule D code representing the CBP port where the shipment exits the U.S. to transit Canada or reenters the U.S. from Canada, incidental to traveling to the in-bond destination.	
Filler	1AN	80	M	Space fill.	

Record Identifier 2I (Output)

This is a conditional output in-bond record used only for water borne exports. If used it will immediately follow the 1I record.

<i>Record Identifier 2I (Output)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 2I.	
Transportation Indicator	2N	3-4	O	Code for the transportation indicator must be: S = Sea	
Vessel Name	23AN	5-27	O	Valid name of the exporting vessel.	
Filler	53AN	28-80	M	Space fill.	

Record Identifier 1C (Output)

This is a mandatory output record used to provide equipment and seal numbers.

Record Identifier 1C (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always be 1C.	
Equipment Initial	4AN	3-6	O	Prefix or alphabetic part of an equipment unit's identifying number. Can be up to four characters.	
Equipment Number	10AN	7-16	M	Sequencing or serial part of an equipment unit's identifying number. Indicate NC for non-containerized freight.	
Seal Number 1	15AN	17-31	C	A valid exporter/carrier seal number associated with the container.	
Seal Number 2	15AN	32-46	C	A valid exporter/carrier seal number associated with the container.	
Container/ Equipment Description Code	2AN	47-48	C	Type of container or equipment used for the shipment. See Appendix B.	
Container/ Equipment Length	5N	49-53	O	Not used. Space fill.	
Height	8X	54-61	O	Not used. Space fill.	
Width	8X	62-69	O	Not used. Space fill.	
Container/ Equipment Type	4AN	70-73	O	Not used. Space fill.	
Load/Empty Status Code	1A	74	O	Code which specifies the loaded condition of transportation equipment. E = Empty L = Loaded	
Type of Service	2AN	75-76	O	Not used. Space fill.	
Filler	4AN	77-80	M	Space fill.	

Record Identifier 2C (Output)

This is a conditional output record relating to finished vehicles of Canadian origin. This record may be repeated up to twenty one times.

<i>Record Identifier 2C (Output)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always be 2C.	
VIN	25AN	3-27	M	Vehicle Identification Number. A unique number stamped on the vehicle by the manufacturer.	
Factory Car Order Number	10AN	28-37	O	The shipper for Canadian customer requirements at border points supplies this number for all finished vehicles exported to the U.S. from Canada.	
Filler	43AN	38-80	M	Space fill.	

Record Identifier 0D (Output)

This is a conditional output record. It may be transmitted at any time, but is required for in-bond shipments.

Record Identifier 0D (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 0D.	
Harmonized Number	11N	3-13	C	The code located in the Harmonized Tariff Schedule of the United States Annotated that represents the tariff number. Left justify the number and fill any remaining positions with zeros (0). If only six positions are sent the remaining positions will be space filled.	
Value	8N	14-21	C	A value greater than zero, in whole dollars, of the commodity. Twenty dollars per kilo may be used if the value is unknown.	
Weight	10N	22-31	C	A value greater than zero representing the net weight in pounds or kilos of the commodity.	
Weight Unit	1A	32	C	A code representing the unit of measure. Valid codes are: L = pounds K = kilograms	
Filler	48AN	33-80	M	Space fill.	

Record Identifier 1D (Output)

This is a mandatory output record used to provide quantity and description information. This record may be repeated up to 999 times. If transmitted the line release C4 code is in this record.

Record Identifier 1D (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 1D.	
Piece Count	10N	3-12	C	A value representing the total number of pieces in the container being described, if there is only one description record for a container. This field is required for the first record. This is the number of the smallest exterior package units. A carton, box, bag, or crate are examples of smallest exterior packaging, a pallet and container are not.	
Description	45X	13-57	M	A description of the cargo. Multiple description lines may be used for one container record.	
C4 Number	14AN	58-71	O	CBP C4 number for line release.	
Manifest Unit Code	3AN	72-74	O	A code representing the manifest unit of measure - the smallest exterior package unit for the bill of lading.	
Country Code	2AN	75-76	O	An International Organization for Standardization (ISO) country code representing the country of origin of the commodity.	
Filler	4AN	77-80	M	Space fill.	

Record Identifier 2D (Output)

This is a mandatory output record used to provide marks and numbers. If there are none, “No Marks or Numbers” should appear in the first 2D. Subsequent 2D records may contain “.” (a period). This record can be repeated 999 times.

<i>Record Identifier 2D (Output)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 2D.	
Marks and Numbers	45AN	3-47	M	The written description of the symbols and marking that are on the outside of the packaging.	
Filler	33AN	48-80	M	Space fill.	

Record Identifier 1V (Output)

This is a conditional output record used to provide hazardous material information. This record may be repeated ten times.

Record Identifier 1V (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 1V.	
Hazardous Material Code	10X	3-12	M	A code representing the identification number assigned to the hazardous material.	
Hazardous Material Class	4X	13-16	O	A code representing the hazardous class or division designated for the materials in the International Maritime Dangerous Goods (IMDG) code handbook. (Not used in rail. Space fill.)	
Hazardous Material Code Qualifier	1X	17	O	A code that describes the hazardous material class. (Not used in rail. Space fill.)	
Hazardous Material Description	30AN	18-47	O	The proper shipping name of the material designated as hazardous.	
Hazardous Material Contact	24AN	48-71	O	The name and/or phone number of the person or department to contact in case of an emergency.	
UN Hazardous Material Page	6AN	72-77	O	The page number in the IMDG code in which the hazardous material identification appears. (Not used in rail. Space fill.)	
Filler	3AN	78-80	M	Space fill.	

Record Identifier 2V (Output)

This is a conditional output record used to provide additional hazardous material information. It is not used in rail.

Record Identifier 2V (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 2V.	
Flashpoint Temperature	3N	3-5	C	A code representing the lowest temperature at which the vapor of a hazardous combustible liquid will ignite in the air. (Not used in rail. Space fill.)	
Unit of Measure Code	2X	6-7	C	A code, CE, representing degrees Centigrade/ Celsius, the basic unit of measurement (UOM) for the flashpoint temperature. (Not used in rail. Space fill.)	
Negative Indicator	1A	8	C	A code of "N" is used when a flashpoint temperature is negative, that is, below 0 degrees Celsius. (Not used in rail. Space fill.)	
Filler	72AN	9-80	M	Space fill.	

Record Identifier 3V (Output)

This is a conditional output record used to provide additional hazardous material information. This record may be repeated up to 99 times.

<i>Record Identifier 3V (Output)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	2AN	1-2	M	Must always equal 3V.	
Hazardous Material Description	30AN	3-32	O	Material name, special instructions and/or phone number if any.	
Hazardous Material Classification	30AN	33-62	C	Free form description of hazardous material classification or division or label requirements. (Not used in rail. Space fill.)	
Filler	18AN	63-80	M	Space fill.	

Record Identifier NS05 (Output)

This is a conditional output record used to provide conveyance information to ABI filers participating in the Rail Automated Manifest System.

Record Identifier NS05 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Record Type	2AN	1-2	M	Must always equal 05.	
Train ID	23AN	3-25	O	The name which identifies the importing conveyance.	
Trip Number	5X	26-30	O	Julian Date YYDDD of crossing.	
Port	4N	31-34	O	A code representing the CBP port. See Census Schedule D for valid port codes.	
Estimated Date of Arrival	6N	35-40	O	Dates in YYMMDD (year, month, day) format representing the original scheduled date of arrival.	
Estimated Time of Arrival	6N	41-46	O	A time in HHMMSS (hour, minute, second) 24 hours clock format representing the estimated time of conveyance arrival.	
Filler	34AN	47-80	M	Space fill.	

Record Identifier NS10 (Output)

This conditional output record contains the necessary header data to identify the in-bond for which the status information is being transmitted.

Record Identifier NS10 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Record Type	2N	1-2	M	Must always equal 10.	
In-Bond Entry Type	2N	3-4	M	The ACS code representing the type of in-bond movement. Valid codes are: 61 = Immediate Transportation (IT) 62 = Transportation and Exportation (T&E) 63 = Immediate Exportation (IE)	
In-Bond Number	12AN	5-16	M	The in-bond entry number. The only format currently used is the conventional 9 numeric in-bond number as listed on the CF-7512 (Transportation Entry and Manifest of Goods Subject to CBP Inspection and Permit). This number is left justified and contains no spaces, hyphens, slashes, or special characters.	
U.S. Port of Destination	4N	17-20	M	The Census Schedule D code representing the CBP port of termination for an immediate transportation (61) entry, or the port of exportation for a transportation and exportation (62) entry, or the port of arrival for an immediate exportation (63) entry.	
Foreign Destination	5N	21-25	C	The Census Schedule K code representing the foreign port of destination for transportation and exportation (62) or immediate exportation (63) entries. Space fill for immediate transportation (61) entries.	1
Filler	55AN	26-80	M	Space fill.	

Note 1

The following codes are to be used when cargo was laden on the importing conveyance at an inland location and the shipment is destined for a non-seaport location in Canada or Mexico. These codes are to be used for in-bond:

Canadian Provinces

Code	Description
80101	Alberta
80102	Manitoba
80103	Saskatchewan
80104	Northwest Territories
80105	Yukon
80106	British Columbia
80107	Ontario
80108	Quebec
80109	Nova Scotia
80110	New Brunswick
80111	Prince Edward Island
80112	Newfoundland
80113	Nunavut

Mexican States

Code	Description
97101	Aguascalientes
97102	Baja California Norte
97103	Baja California Sur
97104	Chihuahua
97105	Colima
97106	Campeche
97107	Coahuila
97108	Chiapas
97109	Distrito Federal
97110	Durango
97111	Guerrero
97112	Guanajuato
97113	Hidalgo
97114	Jalisco
97115	Michoacan
97116	Morelos
97117	Mexico

Note 1 - Continued

Mexican States

Code	Description
97118	Navarit
97119	Nuevo Leon
97120	Oaxaca
97121	Puebla
97122	Quintana Roo
97123	Queretaro
97124	Sinaloa
97125	San Luis Potosi
97126	Sonora
97127	Tabasco
97128	Tlaxcala
97129	Tamaulipas
97130	Veracruz
97131	Yucatan
97132	Zacatecas

Record Identifier NS30 (Output)

This mandatory output record contains the notification information relating to a particular bill of lading. This record can be repeated as many times as necessary.

Record Identifier NS30 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Record Type	2N	1-2	M	Must always equal 30.	
Disposition Code	2AN	3-4	M	A code advising the recipient of the posting action taken on a bill of lading. Valid Disposition Codes are listed in Appendix B.	
Issuer Code of Master Bill Number	4AN	5-8	C	A code representing the Standard Carrier Alpha Code (SCAC) of the party who actually issued the bill of lading. Do not confuse the issuer of the bill with the operator of the vessel. This code is mandatory for ocean bills.	
Master Bill Number	12AN	9-20	M	The master bill number as listed on the manifest. If the number is less than 12 positions, it is left justified. Do not include spaces, hyphens, slashes, or special characters.	
Issuer Code of House Bill Number	4AN	21-24	C	This field is reserved for future use. Space fill.	
House Bill Number	12AN	25-36	C	This field is reserved for future use. Space fill.	
Issuer Code of Sub-house Bill Number	4AN	37-40	C	This field is reserved for future use. Space fill.	
Sub-house Bill Number	12AN	41-52	C	This field is reserved for future use. Space fill.	
Quantity	10N	53-62	M	A value representing the total number of pieces on the bill of lading/air waybill affected by the action indicated by the disposition code.	
Negative Indicator	1A	63	C	A code of <i>N</i> when a negative number is associated with a disposition code of <i>1A</i> , <i>1B</i> or <i>1C</i> ; otherwise, space fill.	
Action Date	6N	64-69	M	The date in YYMMDD (year, month, day) format on which the action was authorized by CBP or another Federal Agency, or the date that the action was scheduled to occur.	
Action Time	4N	70-73	M	A time in HHMM (hour, minute) military time format representing the time that the transmission to CBP was processed.	

Record Identifier NS30 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
In-bond Carrier Code	4X	74-77	M	A code representing the Standard Carrier Alpha Code (SCAC) or the International Air Transport Association Code (IATA) of the in-bond carrier.	
Filler	3AN	78-80	M	Space fill.	

Record Identifier NS40 (Output)

This conditional output record contains additional notification information relating to a particular bill of lading. This record, if used, will immediately follow the associated NS30 record.

Record Identifier NS40 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Record Type	2N	1-2	M	Must always equal 40.	
Entry Type	2N	3-4	C	The code representing the entry category. Entry type codes are listed in Appendix B.	
Entry Number	15AN	5-19	C	A code representing the CBP entry number, form number or a regulatory provision.	
District/Port of Transaction	4N	20-23	M	The Census Schedule D port code representing the location at which the action occurred. Always use 9900 for disposition code <i>IW</i> status notifications.	
FIRMS Code	4AN	24-27	C	A Facilities Information and Resources Management System (FIRMS) code representing the location of the goods.	
Container Number	14AN	28-41	C	A container/equipment number associated with the bill of lading.	
Filler	39AN	42-80	M	Space fill.	

Record Identifier NS50 (Output)

This conditional output record contains remarks relating to the posting of a bill of lading or the status of the importing conveyance. There will be no more than two remarks (NS50) records per bill of lading (NS30) record.

Record Identifier NS50 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Record Type	2N	1-2	M	Must always equal 50.	
Remarks	45X	3-47	M	The reason a hold is placed on a bill of lading/air waybill. The remarks may contain hold quantities or other information.	
Filler	33AN	48-80	M	Space fill.	

Record Identifier NS60 (Output)

This conditional output record identifies all containers associated with the bill of lading for which the status notification is issued. There is a maximum use of 999 container status notification (NS60) records for each bill status notification (NS30) records.

Record Identifier NS60 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Record Type	2N	1-2	M	Must always equal 60.	
Action Indicator	1N	3	C	A code of <i>1</i> (one) indicates that the disposition action indicated in the NS30 record is a container-level action taken specifically against the container. A blank indicates that the disposition action was not a container-level action taken against the container.	
Container Number	14AN	4-17	C	A container/equipment number associated with the bill of lading/air waybill.	
Seal Number 1	15AN	18-32	C	An exporter/carrier seal number associated with the container.	
Seal Number 2	15AN	33-47	C	An exporter/carrier seal number associated with the container.	
Filler	33AN	48-80	M	Space fill.	