

Automated Commercial Environment

Import Ocean Manifest CAMIR Implementation Guide

Manifest Input with Importer Security Filing (ISF)

February 2025



U.S. Customs and
Border Protection



Import Ocean Manifest Input to Customs and Border Protection

This transaction set is final and conforms to the published Importer Security Filing (ISF) and Additional Carrier Requirements interim final rule.

Provides descriptions and format requirements for each data element contained within a transaction record input by a carrier, NVOCC, port authority, or service bureau to transmit data to the U.S. Customs and Border Protection (CBP) Data Center.

Table of Changes.....[INP-4](#)

TRANSACTION PROCESSING.....[M0](#)

INPUT RECORD USAGE MAPS.....[INP-6](#)

This section describes the Mandatory/Conditional/Optional designation for each record, relationships between records, and looping constraints.

OUTPUT RECORD USAGE MAP.....[INP-15](#)

This section describes the Mandatory/Conditional designation for each output record, relationships between records, and looping constraints.

RECORD DESCRIPTIONS

Record Identifier M01[INP-20](#)

The Manifest Record provides data element descriptions and format requirements for transmitting manifest data.

Record Identifier M02[INP-22](#)

The Manifest Continuation Record provides data element descriptions and format requirements for transmitting the carrier-assigned batch number.

Record Identifier B04[INP-23](#)

The Manifest Reference Identifier record is used to provide the unique voyage identifier for a particular voyage.

Record Identifier P01[INP-24](#)

The Port Record provides data element descriptions and format requirements for transmitting port data.

Record Identifier J01[INP-25](#)

The Issuer Code Record provides data element descriptions and format requirements for transmitting issuer data.

Record Identifier A01	INP-26
The Amendment Record provides data element descriptions and format requirements for transmitting manifest amendments.	
Record Identifier B01	INP-28
The Bill of Lading Transaction Record provides data element descriptions and format requirements for transmitting manifest and bill of lading data.	
Record Identifier B02	INP-31
The Bill of Lading Transaction Record provides data element descriptions and format requirements for transmitting additional manifest and bill of lading data.	
Record Identifier B04	INP-35
The Bill of Lading Reference Identifier record is used to provide auxiliary identifier information for an ocean bill of lading.	
Record Identifier S01	INP-38
The Shipper Name/Address Record provides data element descriptions and format requirements for transmitting the foreign shipper's name and first line of the address.	
Record Identifier S02	INP-39
The Shipper Address Record provides data element descriptions and format requirements for transmitting lines two and three of the foreign shipper's address.	
Record Identifier S03	INP-40
The Shipper Telephone/Telex Record provides data element descriptions and format requirements for transmitting the shipper's telephone/telex number.	
Record Identifier U01.....	INP-41
The Consignee Name/Address Record provides data element descriptions and format requirements for transmitting the consignee's name and first line of the address.	
Record Identifier U02.....	INP-42
The Consignee Address Record provides data element descriptions and format requirements for transmitting lines two and three of the consignee's address.	
Record Identifier U03.....	INP-43
The Consignee Telephone/Telex Record provides data element descriptions and format requirements for transmitting the consignee's telephone/telex number.	
Record Identifier N00.....	INP-44
The Entity Name Record provides data element descriptions and format requirements for transmitting a party by type of organization, name, and code.	
Record Identifier N01.....	INP-48
The Notify Party Name/Address Record provides data element descriptions and format requirements for transmitting the notify party's name and first line of the address.	
Record Identifier N02.....	INP-49
The Entity Address Record provides data element descriptions and format requirements for transmitting lines of the entity's address.	
Record Identifier N03.....	INP-50
The Notify Party Telephone/Telex Record provides data element descriptions and format requirements for transmitting the Notify Party's telephone/telex number.	

Record Identifier N03.....INP-51

The Entity Geographic Area Record provides data element descriptions and format requirements for transmitting the entity's address.

Record Identifier N04.....INP-52

The Administrative Communications Contact Record provides the name and communications number of a contact.

Record Identifier I01INP-53

The In-bond Record provides data element descriptions and format requirements for transmitting in-bond data.

Record Identifier I02INP-55

The In-bond Record provides data element descriptions and format requirements for transmitting optional waterborne export data for the U.S. Bureau of Census.

Record Identifier C01INP-56

The Bill Container Record provides data element descriptions and format requirements for transmitting container numbers and seal numbers associated with bills of lading.

Record Identifier C02INP-59

The Bill of Lading Container Record provides data element descriptions and format requirements for transmitting Vehicle Identification Numbers (VIN) associated with a specific container.

Record Identifier D00INP-60

The Additional Cargo Description Record provides data element descriptions and format requirements used to characterize a commodity and compliments the verbal description in the D01 record.

Record Identifier D01INP-62

The Bill Cargo Description Record provides data element descriptions and format requirements for transmitting descriptions of the cargo.

Record Identifier D02INP-63

The Marks and Numbers Record provides data element descriptions and format requirements used to specify information regarding marks and numbers.

Record Identifier V01INP-64

The Hazardous Material Record provides data element descriptions used to specify information relating to hazardous materials.

Record Identifier V02INP-65

The Hazardous Material Record provides data element descriptions used to specify additional information relating to hazardous materials.

Record Identifier V03INP-66

The Hazardous Material Record provides data element descriptions used to specify additional data relating to V01 and V02 records.

Record Identifier W01 (Output Only)INP-67

The Error Record provides data element descriptions and format requirements for transmitting error conditions for each data element in error.

Record Identifier W02 (Output Only)INP-68

The Message Acceptance Record provides data element descriptions and format requirements for transmitting the cumulative result of an original Manifest or amendment transaction.

Table of Changes

Version	Date of Change	Section(s) Affected	Brief Description of Change
1.7	February 2025	Record Identifier M01 Carrier Code Description	Updated the Carrier Code description to clarify that the SCAC represents the automated carrier/MVOCC/NVOCC that initiated the manifest.
1.6	October 2021	Page INP-5, General Rules	Added Maximum allowable message transmission size is 8 Megabytes. Messages larger than 8MB will end up in CBP's dead letter queue.
		M01, N03 Country Code	Replaced mentions of CAMIR Appendix G (Country Codes) with CATAIR Appendix B – Valid Codes.
		M01 Manifest Sequence Number, Vessel Name, Vessel Code	Updated descriptions to match system behavior.
		C01 Container/Equipment Number	First part of a container/equipment number should be the 4-character initial/prefix.
		D01 Manifest Unit Code of cargo description	Updated usage to O(Optional) to match system behavior.

TRANSACTION PROCESSING

Manifest input records provide a carrier, Master Vessel Operating Common Carrier (MVOCC), Non-Vessel Operating Common Carrier (NVOCC), port authority, or service bureau with the format for transmitting manifest data to the CBP Data Center. The input records provide all identifying information for the manifest, bill of lading, reference information, shipper and consignee, notify parties, in-bond information, containers, cargo descriptions, marks and numbers, and hazardous materials.

Included in the data is information on hazardous material or substances. CBP needs to retain data on substances and materials determined by the Secretary of Transportation to be capable of posing unreasonable risk to health, safety and property when transported in commerce. The information is also for the use of other interested parties such as the Coast Guard, Port Authorities and the Department of Transportation.

Information on Harmonized Tariff Schedule codes and on values and weight for shipments traveling under Transportation and Exportation (T&E) and Immediate Exportation (IE) bonds may be downloaded to the Bureau of Census in export shipments records. Currently the information is extracted from CBP Form-7512. With the advent of Paperless T&E processing, this form is no longer collected at border points by CBP and distributed to Census. In the future, the obligation of the carrier to provide this information to Census separately may be hindered by the downloading.

Original manifest submissions are reported using an Application Identifier (on ACR record) of “**MI**”. The corresponding outbound response Application Identifier (on ACR record) is “**MR**”. When multiple loading ports exist for the same vessel, the original Manifest ‘MI’ will be submitted for each load port per 24-hour reporting requirements.

The carrier, NVOCC, service bureau, or port authority can amend bill of lading data that was previously entered into the system. Present regulations require that amendments be made to a manifest within 60 days after vessel arrival. The carrier, NVOCC, service bureau, or port authority will be allowed to electronically change the manifest as long as the manifest remains on-line with no hard copy Manifest Discrepancy Report (MDR) required. The carrier, service bureau, or port authority may add an additional bill of lading, delete a bill of lading, or replace manifest data on an existing bill of lading. Manifest amendments are reported using an Application Identifier (on ACR record) of “**AI**”. The corresponding outbound response Application Identifier is “**AR**” (on ACR record). The Manifest Amendment Application Identifier “AI” and Record Identifier “A01” must be used to add a bill of lading after vessel arrival.

This chapter provides descriptions and format requirements for each data element contained within each AMS input or output response record. Format the accumulated data into the prescribed record formats as outlined in this chapter. Refer to the sections on Input Record Usage Map and Output Record Usage Map for a layout of mandatory, conditional, and optional records and looping structures.

General Rules for Input Transmissions and Responses from CBP:

- Spaces are transmitted in all data elements marked ‘filler’.
- Transmit ONLY uppercase ENGLISH alphabetic data.
- Transmit ONLY displayable characters found on a standard keyboard. Low-values, carriage return characters, or other non-standard characters must NOT be transmitted.
- Maximum allowable message transmission size is 8 megabytes (8,388,608 bytes) of data.

INPUT RECORD USAGE MAPS

The following tables illustrate how the automated interface expects repeating groups to be structured within an original manifest submission or manifest amendment. Additional notes are provided for clarification on looping structures. When provided, all Records must be in the order described below.

Original Manifest Submission (MI) Record Usage Map:

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
ACR	Transaction Control Header	M	1		
	Manifest Grouping	M		99	1
M01	Manifest	M	1		
M02	Manifest Continuation Record	C	1		
B04	Manifest Reference Identifier	C	1		
	Port Grouping	M		20	
P01	Port	M	1		
	Issuer Grouping	M		9999	2
J01	Issuer Code	M	1		
	Bill of Lading Grouping	M		9999	2
B01	Bill of Lading Transaction	M	1		
B02	Bill of Lading Transaction	M	1		3
B04	Bill of Lading Reference Identifier	C	999		3
	Shipper Grouping	M		1	4
S01	Shipper Name/Address	M	1		
S02	Shipper Address	C	1		
S03	Shipper Telephone/Telex	O	1		
	Consignee Grouping	C		1	4
U01	Consignee Name/Address	M	1		
U02	Consignee Address	C	1		
U03	Consignee Telephone/Telex	O	1		
	Notify Party Grouping	C		3	4
N01	Notify Party Name/Address	M	1		
N02	Notify Party (Entity) Address	C	1		
N03	Notify Party Telephone/Telex	O	1		
	Entity Grouping	C		25	4
N00	Entity Name	M	1		
N02	Entity Address	C	2		
N03	Entity Geographic Area	C	1		
N04	Administrative Communication Contact	O	1		
	In-bond Grouping	C		1	8

I01	In-bond	M	1																
I02	In-bond	O	1																
	Bill of Lading Container Grouping	M		999															
C01	Bill of Lading Container	M	1																
C02	Bill of Lading Container – Motor Vehicle Control	C	9999																
	Cargo Description Grouping	M		999	5														
D00	Harmonized Nomenclature	C	999																
D01	Bill Cargo Description	M	999																
D02	Marks and Numbers	M	999																
	HAZMAT Grouping	C		99	6														
V01	Hazardous Material	C	1																
V02	Hazardous Material	C	1																
V03	Hazardous Material	C	2																
ZCR	Transaction Control Trailer	M	1																

Designation: M = Reporting Mandatory; C = Reporting Conditional

Manifest Amendment (AI) Record Usage Map:

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes														
	Block Control Grouping	M		1															
ACR	Transaction Control Header	M	1																
	Manifest Grouping	M		99	1														
M01	Manifest	M	1																
M02	Manifest Continuation Record	C	1																
	Port Grouping	M		20															
P01	Port	M	1																
	Issuer Grouping	M		9999	2														
J01	Issuer Code	M	1																
	Amendment Grouping	M		9999	7														
A01	Amendment	M	1																
	Bill of Lading Grouping	C		1	2, 7														
B01	Bill of Lading Transaction	M	1																
B02	Bill of Lading Transaction	C	1		3														
B04	Bill of Lading Reference Identifier	C	999		3														
	Shipper Grouping	C		1	4														
S01	Shipper Name/Address	M	1																
S02	Shipper Address	C	1																
S03	Shipper Telephone/Telex	O	1																
	Consignee Grouping	C		1	4														

Note 3:

Bill of Lading Transaction – SNP (B02) and Reference Identifier (B04) records are mandatory for a house bill.

Note 4:

All manifest submissions must include the shipper name and address information; additionally, the name and address must be provided for either the consignee or at least one notify party. When reporting shipper name and address information, consignee name and address and notify party name and address information, one of the following reporting practices must be used throughout a given AMS submission:

- S01/S02/S03 record loop is used for shipper information, U01/U02/U03 record loop is used for consignee information, and N01/N02/N03 record loop is used for notify party information. The Shipper Name/Address (S01) record is mandatory in this case. In addition, the N00/N02/N03/N04 record loop is used to report information for secondary notify parties (SNP), Customs Brokers (CB), “Booking” (BKP) and “Ship To” (ST) parties. Any other party in the N00 record would be rejected. The Entity Name (N00) record is mandatory in this case, and specifically when reporting the “Booking” and “Ship To” parties, the Entity Geographic Area (N03) record is optional, in this case, the maximum usage of the Entity Name record (N00) is 20.

or

- N00/N02/N03/N04 record loop is used to report name and address information for the shipper (SH), consignee (CN), notify parties (N1, N2), secondary notify parties (SNP) and /or Customs Broker (CB). The Entity Name (N00) record is mandatory in this case, and specifically when reporting the “Booking” (BKP) and “Ship To” (ST) parties, the Entity Geographic Area (N03) record is optional, in this case, the maximum usage of the Entity Name record (N00) is 25.

When used to report a Secondary Notify Party (SNP) or Customs Broker (CB), only the N00 record is provided. When used to report all other parties, the N00 record is followed by the N02 Entity Address, optional N03 Entity Geographic Area and optional N04 Administrative Communications Contact records.

Note 4 – Continued:

The following examples illustrate use of the various possibilities for party reporting:

Example 1 – Use of S01/S02/S03, U01/U02/U03, and N01/N02/N03:

S01 (Shipper)
S02
S03
U01 (Consignee)
U02
U03
N01 (Notify Party 1)
N02
N03
N01 (Notify Party 2)
N02
N03

Example 2 – Shipper, Consignee, and Security Filing (ISF) parties:

S01 (Shipper)
S02
S03
U01 (Consignee)
U02
U03
N01 (Notify Party 1)
N02
N03
N00 (Customs Broker)
N00 (Booking Party)
N02
N03
N04
N00 (Ship To Party)
N02
N03

Example 3 – Use of N00/N02/N03/N04 for all parties:

N00 (Customs Broker)
N00 (Shipper)
N02
N03
N00 (Ship To party)
N02
N02
N03
N04
N00 (Secondary Notify Party)
N00 (Consignee [or Notify Party])
N02
N02
N03
N04

Note 5:

A maximum of 999 Harmonized Nomenclature (D00) records may be submitted for each container record.

A maximum of 999 Cargo Description (D01) records may be submitted for each container record. One or more D01 records may be grouped together and preceded by one or more Harmonized Nomenclature (D00) records, in which case the D00 records are applicable to the entire group of D01 records which follows (up to the next D00 record).

A maximum of 999 Marks and Numbers (D02) records may be submitted for each container record. The D02 records typically follow associated D01 record(s).

The Cargo Description Grouping structure allows for the following as illustrated in the example below:

Example 1:

C01
C02
C02
C02
D00
D00
D01
D01
D01
D02
D02

Example 2:

C01
C02
C02
C02
D00
D01
D02
D00
D01
D02
D02
D00
D01
D01
D02

Note 5 – Continued:

Example 3:

C01
C02
C02
C02
D01
D02
D00
D01
D01
D02
D02
D02

Note 6:

Hazardous Material information (V01-V03) is mandatory if hazardous materials are being shipped. The hazardous material records V01, V02, and V03 will follow the Description (D00 and D01) records and the Marks and Numbers (D02) record. One V01, V02, V03 group is allowed for each hazardous commodity. A maximum number of 99 groups per container are permitted. The HAZMAT Grouping must be reported after all Cargo Description Groupings are complete for a Bill Of Lading Container Grouping.

The HAZMAT Grouping structure allows for the following as illustrated in the examples below:

Example 1:

C01
C02
C02
C02
D00
D00
D01
D01
D01
D02
D02
V01
V02
V03
V03
V01
V02
V03

Note 6 – Continued:

Example 2:

C01
C02
C02
C02
D00
D01
D02
D00
D01
D02
D02
D00
D01
D01
D02
V01
V02
V03
V01
V02
V03

Example 3:

C01
C02
C02
C02
D01
D02
D00
D01
D01
D02
D02
D02
V01
V02
V03
V01
V02
V01
V03

Note 7:

For amendments to add a bill of lading, the Amendment record (A01) is followed by the associated bill of lading transaction records (B01 through V03). For amendment to delete or replace a bill of lading quantity, the A01 alone is included, and B01 through V03 are not required in this case.

Note 8:

In-bond information (I01) is mandatory when the Master In-bond Indicator data element set to '1' in the B01 Record. Only one occurrence is allowed per In-bond Grouping.

OUTPUT RECORD USAGE MAP

The M01, M02, and P01 are always returned in the response from CBP, and additionally the following “group header” records will conditionally be returned in the response message when one or more errors is determined for any record within that group: J01, B01, N00, C01, I01, and V01. When one or more error(s) are determined as a result of processing a given transaction, each record in-error is returned in the response message and is immediately followed by one or more Error records (W01) describing the nature of the error. The Message Acceptance/Rejection record (W02) provides summary information on number of Bills of lading accepted/rejected and is included at the end of a response transaction prior to the ZCR record.

Conditional output records and fields will be populated only if the corresponding records and fields were included in the original or amended manifest submission.

The following table illustrates how the automated interface expects repeating groups to be structured within an original manifest submission response (MR) or manifest amendment response (AR). Additional notes are provided for clarification on looping structures.

Outbound Response for Original Manifest or Amendment (MR/AR) Record Usage Map:

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
ACR	Transaction Control Header	M	1		
	Manifest Grouping	M		1	1
M01	Manifest	M	1	2	
W01	Error Record	C	10		
M02	Manifest Continuation Record	C	1	2	
W01	Error Record	C	10		
B04	Manifest Reference Identifier	C	1		
W01	Error Record	C	10		
	Port Grouping	M		20	
P01	Port	M	1	2, 3	
W01	Error Record	C	100	3	
	Issuer Grouping	C		9999	
J01	Issuer Code	M	1	4	
W01	Error Record	C	10		
	Amendment Grouping	C		9999	
A01	Amendment	C	1	5	
W01	Error Record	C	10		
	Bill of Lading Grouping	C		1	6
B01	Bill of Lading Transaction	M	1	7	
W01	Error Record	C	10		
B02	Bill of Lading Transaction	C	1		

W01	Error Record	C	10																
	Reference Identifier Error Grouping	C		999															
B04	Bill of Lading Reference Identifier	M	1																
W01	Error Record	M	10																
	Shipper Grouping	C		1															
S01	Shipper Name/Address	C	1																
W01	Error Record	C	10																
S02	Shipper Address	C	1																
W01	Error Record	C	10																
S03	Shipper Telephone/Telex	C	1																
W01	Error Record	C	10																
	Consignee Grouping	C		1															
U01	Consignee Name/Address	C	1																
W01	Error Record	C	10																
U02	Consignee Address	C	1																
W01	Error Record	C	10																
U03	Consignee Telephone/Telex	C	1																
W01	Error Record	C	10																
	Notify Party Grouping	C		3															
N01	Notify Party Name/Address	C	1																
W01	Error Record	C	10																
N02	Notify Party (Entity) Address	C	1																
W01	Error Record	C	10																
N03	Notify Party Telephone/Telex	C	1																
W01	Error Record	C	10																
	Entity Grouping	C		25															
N00	Entity Name/Address	M	1		7														
W01	Error Record	C	10																
N02	Entity Address	C	1																
W01	Error Record	C	10																
N02	Entity Address	C	1																
W01	Error Record	C	10																
N03	Entity Geographic Area	C	1																
W01	Error Record	C	10																
N04	Administrative Communication Contact	C	1																
W01	Error Record	C	10																
	In-bond Grouping	C		1															
I01	In-bond	M	1		7														
W01	Error Record	M	10																
I02	In-bond	C	1																
W01	Error Record	C	10																
	Bill of Lading Container Grouping	C		999															
C01	Bill of Lading Container	M	1		7														

W01	Error Record	C	10																
	Container-Motor Vehicle Error Grouping	C		9999															
C02	Bill of Lading Container-Motor Vehicle	M	1																
W01	Error Record	M	10																
	Cargo Description Grouping	C		1															
	Harmonized Nomenclature Error Grouping	C		999															
D00	Harmonized Nomenclature	M	1																
W01	Error Record	M	10																
	Bill Cargo Description Error Grouping	C		999															
D01	Bill Cargo Description	M	1																
W01	Error Record	M	1																
	Marks and Numbers Error Grouping	C		999															
D02	Marks and Numbers	M	1																
W01	Error Record	M	1																
	HAZMAT Grouping	C		99															
V01	Hazardous Material	M	1		7														
W01	Error Record	C	10																
V02	Hazardous Material	C	1																
W01	Error Record	C	10																
V03	Hazardous Material	C	1																
W01	Error Record	C	10																
V03	Hazardous Material	C	1																
W01	Error Record	C	10																
W01	Error Record	C	10		9														
W02	Message Acceptance/Rejection	M	1		8														
ZCR	Transaction Control Trailer	M	1																

Designation: M = Reporting Mandatory; C = Reporting Conditional

Note 1:

When Original Manifest Submission (MI) or Manifest Amendment (AI) transactions are received with multiple Manifest groupings in a single input message, a separate outbound response is generated for each separate Manifest (M01 through V03 records), each with its own Transaction Control Header and Trailer records.

Note 2:

The Manifest records (M01) and Port record (P01) are always returned in the response. If the M02 and B04 are provided on the inbound message, they will be returned in the response.

Note 3:

For an error at the Manifest level (M01, M02, or B04), all Bills of Lading will be rejected, and each Port record (P01) is returned in the response message immediately followed by an Error record (W01) with error code 102, indicating that “NO BILLS PROCESSED FOR PORT”.

For an error at the Port level (P01), all Bills of Lading for the given Port will be rejected, and the specific Port record (P01) is returned in the response message immediately followed by one or more Error record(s) (W01) describing the error conditions, followed by an additional Error record (W01) with error code 102, indicating that “NO BILLS PROCESSED FOR PORT”.

Note 4:

For an error at the Issuer record (J01) level, all Bills of Lading for the given Issuer will be rejected. The J01 will be returned in the response message immediately followed by each Bill of Lading records (B01) for the Issuer, a W01 record indicating the J01 error, and a W01 record with error code 060, indicating “BILL REJECTED”.

For an error on any record within a Bill of Lading grouping for a given Issuer, the J01 record is returned in the response prior to the record(s) in error.

Note 5:

For manifest amendments, the Amendment record (A01) is returned in the response immediately followed by 1 or more W01 records describing the specific error condition(s).

For responses to original manifest submissions, the Amendment record (A01) is not applicable.

Note 6:

For an error on a specific Bill of Lading Grouping (records B01 through V03), only the affected bill is rejected, and processing continues to the next Bill of Lading within the same Issuer group.

Note 7:

For error(s) on any record (B01 through V03) for a given Bill of Lading grouping, the B01 record for that Bill of Lading will be returned in the response message prior to the record(s) in error.

For error(s) on any record (N00 through N04) for a given Entity grouping, the N00 record for that Entity will be returned in the response message prior to the record(s) in error.

For error(s) on the I02 record for a given in-bond grouping, the I01 record for that In-bond will be returned in the response message prior to the I02 record.

Note 7 - Continued:

For error(s) on the any record (C02 through V03) for a given Bill of Lading Container grouping, the C01 record for that Container will be returned in the response message prior to the record(s) in error.

For error(s) on the V02 or V03 records for a given HAZMAT grouping, the V01 record for that HAZMAT grouping will be returned in the response message prior to the record(s) in error.

For error(s) on the header record for a group (B01, N00, I01, C01, or V01), the record in error will be returned in the response message, immediately followed by 1 or more W01 records describing the specific error condition(s); the remaining record(s) within that group will still be validated, and additional record(s) in error returned in the response, immediately followed by 1 or more W01 records as appropriate.

Immediately following the last Error record (W01) for a given Bill of Lading grouping (B01 through V03), an additional W01 record is included in the response with error code 060, indicating “BILL REJECTED”.

Note 8:

The Message Acceptance/Rejection record (W02) is always included immediately prior to the Transaction Control Trailer record (ZCR) and provides summary information including number of Bills of Lading accepted and rejected.

A successful (error-free) input transaction will result in a response consisting only of the records: ACR, M01, M02 (optional), B04 (optional), P01, W02, and ZCR.

Note 9:

This occurrence of the W01 Record is used to report errors at the ACR or ZCR level.

Record Identifier M01

Manifest Record

This is a mandatory record used to transmit vessel information and specific manifest data. Once the original manifest (ACR record positions 14-15 code MI) has been transmitted and accepted, the M01 record becomes 'frozen'. In any subsequent amendments and actions (ACR record positions 14-15 code 'AI', 'HI', 'II', 'TI') the mandatory and required elements in the M01 record in the original manifest must be submitted. This means if the vessel name (positions 12-34) were submitted in the original manifest, it is required in any subsequent amendments or actions. If the IMO Lloyds vessel code (positions 52-58) were submitted in the original manifest, it is required in any subsequent amendments or actions. If both the vessel code (positions 12-34) and the IMO Lloyds vessel code positions 52-58) were submitted in the original manifest they are required in any subsequent amendments or actions

Record Identifier M01					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal M01.	
Carrier Code	4AN	4-7	M	A Standard Carrier Alpha Code (SCAC) representing the automated carrier/MVOCC/NVOCC initiating the manifest .	1
Mode of Transportation Code	2N	8-9	M	A code indicating the type of vessel used to carry the manifested cargo. Valid codes are: 10 = Vessel, non-container, or unable to determine if container (Including Lightered, Land Bridge and LASH) 11 = Vessel Containerized (Container) This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted.	
Vessel Country Code	2A	10-11	M	An International Organization for Standardization (ISO) country code representing the flag country of the vessel. Refer to ACE CATAIR Appendix B - Valid Codes' Country and Currency Codes section for valid codes. This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted.	

Record Identifier M01					
Data Element	Length/ Class	Position	Status	Description	Note
Vessel Name	23AN	12-34	C	A valid vessel name entered using no slashes. Data will be returned as transmitted. The vessel name will always be populated in the response transmission from CBP when either the Vessel Name or Vessel Code is provided in the input transaction. This element will not be validated by CBP if sent alone without the Vessel Code but will be validated when both Vessel Name and Vessel Code are provided. The Vessel name and Vessel code must be registered with CBP when both data elements are provided.	
Voyage Number	5AN	35-39	M	The voyage number entered using no slashes. This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted.	
Filler	5AN	40-44	M	Space fill.	
Manifest Sequence Number	6N	45-50	O	The manifest sequence number. This number is an optional carrier-assigned sequence number. If not provided, the system generated default is one (000001). It may be a date. Once transmitted, it cannot be changed. All subsequent transmissions for the manifest must use the original manifest sequence number.	
Filler	1AN	51	M	Space fill.	
Vessel Code	7AN	52-58	C	International Maritime Organization (IMO) Code issued by Lloyds and registered with CBP representing the importing vessel. Data will be returned as transmitted. This element will be validated by CBP if used alone or when both Vessel Name and Vessel Code are provided.	
Filler	22AN	59-80	M	Space fill.	

Note 1:

The Standard Carrier Alpha Code (SCAC) is issued by the National Motor Freight Traffic Association, Inc. located at 1001 North Fairfax Street, Suite 600, Alexandria, VA 22314. The Internet URL is: www.NMFTA.org. In the case of water carriers who own their containers, the SCAC is issued by the Intermodal Association of North America located at 6410 Kenilworth Ave., Suite 108, Riverdale, MD 20737.

Record Identifier M02

Manifest Continuation Record

This is a conditional record used to transmit the carrier-assigned batch number.

<i>Record Identifier M02</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal M02.	
Carrier-Assigned Batch Number	30X	4-33	M	The carrier-assigned batch number. The participants may use this field for internal tracking purposes. Data is returned to Carrier in the response message.	
Filler	47AN	34-80	M	Space fill.	

Record Identifier B04

Manifest Reference Identifier

This is a conditional record used to report a Unique Voyage Identifier (UVI) associated with the Manifest record (M01). The UVI is submitted from MVOCC's only. The number used must be unique for 5 years. This record can be included with original manifest submissions but should NOT be submitted with manifest amendments. Inclusion of the B04 record in any amendments will result in a '096' error code 'Run has been terminated'

Record Identifier B04					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal B04.	
Reference Identifier Qualifier	3AN	4-6	M	This data element identifies the type of reference identifier being reported for a manifest at the manifest grouping level. Always set to 'V3' for Unique Voyage Identifier (UVI). Left justify code qualifier values that are less than 3 characters in length.	
Reference Identifier	30AN	7-36	M	This field is used to provide the Unique Voyage Identifier for the manifest. The field must be at least 5 characters in length where the first 4 characters must equal the SCAC for the vessel operator. To ensure uniqueness the unique voyage identifier cannot be re-used for another voyage for a period of 5 years.	
Filler	44AN	37-80	M	Space fill.	

Note 1:

Foreign retained on board (FROB) Cargo Laden in foreign, touching one or many U.S. ports, proceeding foreign on the same vessel/voyage. The vessel name/voyage numbers do not change during the entire trip, and the vessel does not touch foreign and return to the U.S. during the itinerary. The bill becomes "fully closed" at transmission.

If Bill of Lading number different than Bill of Lading Number in B01.Bill of Lading Sequence Number, then Bill of Lading number in A01.Bill of Lading Sequence Number used."

Record Identifier P01

Port Record

This is a mandatory record used to transmit port data.

<i>Record Identifier P01</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal P01.	
Port of Unlading Code	4N	4-7	M	A code representing the CBP port. See Census Schedule D in CAMIR Appendix E for valid port codes.	
Original Estimated Date	6N	8-13	M	A date in MMDDYY (month, day, year) format representing the original scheduled date of arrival (for imports) at this port. For manifest amendments, this field should equal the P01 Original Estimated Date field from the original manifest submission.	
Filler	67AN	14-80	M	Space fill.	

Record Identifier J01

Issuer Code Record

This is a mandatory record used to transmit data pertaining to the issuer of the bill(s) of lading. This record is transmitted only once within a manifest transmission for each different issuer.

<i>Record Identifier J01</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal J01.	
Issuer Code	4AN	4-7	M	The SCAC of the issuer of the bill(s) of lading. The actual bill of lading number is the combination of this code and the bill of lading sequence number transmitted on the B01 and A01 records.	
Filler	73AN	8-80	M	Space fill.	

Record Identifier A01

Amendment Record

This is a conditional record used to identify the type of manifest amendment being transmitted. This record is required when an AMS participant amends the manifest quantity or adds or deletes a bill of lading. The A01 record is not included for original manifest submissions. When a manifest is arrived the A01 record is required to add a new Bill of Lading or amend an existing Bill of Lading. This record is required when the ACR Application Identifier is AI.

Record Identifier A01					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal A01.	
Carrier Code	4AN	4-7	M	A SCAC representing the automated importing carrier/MVOCC/NVOCC.	
CBP Port	4N	8-11	M	A code representing the CBP port of lading/unlading. Use Census Schedule D in CAMIR Appendix E for valid port codes.	
Action Code	1A	12	M	A code representing the CBP type of manifest amendment. Valid codes are: A = Add a bill of lading D = Delete a bill of lading R = Replace the existing manifest quantity with new manifest quantity	1
Bill of Lading Sequence Number	12AN	13-24	M	The bill of lading sequence number. Do not include the issuer code as it is contained in the associated J01 record.	
Quantity	10N	25-34	C	Required if the action code is R on this record. Provide the new bill of lading quantity.	
Amendment Code	2N	35-36	M	A code representing the reason(s) for the amendment of the manifest record. See CAMIR Appendix C for valid Amendment codes.	
Filler	44AN	37-80	M	Space fill.	

Note 1:

The following conditions apply to the action codes:

- If the action code is A, the new bill of lading is added to the database files of the associated manifest.

Note 1 – Continued:

- If the action code is A, all the appropriate data elements required for the following records must be transmitted:

Bill of Lading Transaction (B01)
Bill of Lading Transaction (B02)
Bill of Lading Reference Identifier (B04)
Shipper Name/Address (S01)
Shipper Address (S02)
Shipper Telephone/Telex (S03)
Consignee Name/Address (U01)
Consignee Address (U02)
Consignee Telephone/ Telex (U03)
Entity Name/Address (N00) Notify
Party Name (N01)
Notify Party Address (N02)
Notify Party Telephone/Telex (N03)
Entity Geographic Area (N03)
Notify Party Administrative Communications Contact (N04)
In-Bond (I01)
In-Bond (I02)
Bill Container (C01)
Bill of Lading Container (C02)
Additional Cargo Description (D00)
Bill Cargo Description (D01)
Marks and Numbers (D02)
Hazardous Material (V01)
Hazardous Material (V02)
Hazardous Material (V03)

- If the action code is D or R, do not transmit the B01 through V03 records for the bill being deleted.
- If the action code is D, the bill of lading status is changed to deleted in the database files of the associated manifest.
- If the action code is R, the quantity at the bill level is replaced with a specified quantity.
- If Bill of Lading number different than Bill of Lading Number in B01.Bill of Lading Sequence Number, then Bill of Lading number in A01.Bill of Lading Sequence Number used."

Record Identifier B01

Bill of Lading Transaction Record

This record is mandatory when an AMS participant adds a bill of lading as part of an original manifest submission or manifest amendment. The B01 record is not included in manifest amendments to delete a bill of lading or amend the manifest quantity.

Record Identifier B01					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal B01.	
Bill of Lading Sequence Number	12AN	4-15	M	A code representing the issuer-assigned sequence number, which identifies the shipment. The sequence number must be unique for the issuer (not repeated within three years). Do not include issuer code as it is contained in the preceding J01 record.	
Foreign Port	5N	16-20	M	A code representing the foreign port in which cargo was laden on board the vessel destined to the U.S. See Census Schedule K in CAMIR Appendix F for valid foreign port codes.	
Manifest Quantity	10N	21-30	M	A value representing the total number of pieces on the bill of lading (e.g., if there are 10 cartons and 10 bales on one bill of lading, insert the number 20 only in the manifest quantity data element). Use the smallest exterior package unit. Piece count units are given in the D01 record. The total number of D01 record piece counts for the bill of lading must equal the amount in the manifest quantity data field. This value must be greater than zero. No decimals.	
Manifest Unit Code	5X	31-35	M	A code representing the manifest unit of measure. Refer to Appendix N for valid manifest units.	
Weight	10N	36-45	M	The gross weight as a whole number; no decimals or fractions. The value will be greater than zero.	
Weight Unit	2A	46-47	M	A code representing the unit of measure. Valid codes are: LB = Pounds KG = Kilograms LT = Long Ton ST = Short Ton ET = Metric Ton MT = Measurement Ton	

Record Identifier B01					
Data Element	Length/ Class	Position	Status	Description	Note
Bill of Lading Type Code	1X	48	M	<p>A code representing the status of the bill of lading. Valid codes are:</p> <p>0 or space = Simple/Regular bill</p> <p>2 = Empty equipment instruments of international trade (If '2' used, C01 Load/Empty Status Code must be 'E').</p> <p>B = Simple/Regular Bill Foreign Retained On Board (FROB)</p> <p>M = Master Bill</p> <p>N = House Bill</p> <p>O = Master FROB</p> <p>P = House FROB</p> <p>Q = Simple/Regular Bill FROB + ISF</p> <p>R = House FROB + ISF</p> <p>S = House Bill + ISF (where the Master BOL is Type 62/63 In-bond)</p> <p>T = Simple/Regular In-bond Type 62/63 with ISF</p>	2
Master In-bond Indicator	1X	49	C	<p>A code representing the status of the Master In-bond (MIB). Valid codes are:</p> <p>0 or space = not MIB</p> <p>1 = MIB</p>	
Filler	31AN	50-80	M	Space fill.	

Note 1:

Foreign retained on board (FROB) Cargo Laden in foreign, touching one or many U.S. ports, proceeding foreign on the same vessel/voyage. The vessel name/voyage numbers do not change during the entire trip, and the vessel does not touch foreign and return to the U.S. during the itinerary. The bill becomes "fully closed" at transmission.

If the A01 Bill of Lading number is different than Bill of Lading Number in the B01. Bill of Lading Sequence Number, then the Bill of Lading number in A01.Bill of Lading Sequence Number is used.

Note 2:

The empty container bill type can only be used for carrier-owned/leased instruments of international traffic.

In accordance with the CBP regulations at 19 CFR 10.41a and 19 CFR 113.66, entities requesting release (without entry) for instruments of international traffic must have a Type 3a Instruments of International Traffic bond and must have an application approved by the CBP Port Director. In order to transmit the empty container bill type and request release without entry for IIT, the IMPORTER must comply with the CBP regulations at 19 CFR 10.41a and 19 CFR 113.66. Where the IIT is completely empty and the carrier is requesting release under the CBP regulations at 19 CFR 10.41a, the principal on the type 3A CBP bond must be the applicant for release of the holder or container designated as IIT. In cases where the empty container bill type is used, the carrier transmitting the information is the importer.

Advance electronic cargo information for carrier-owned/leased IIT must be received by CBP via Vessel AMS no later than 24 hours prior to vessel arrival at the first U.S. port. Advance electronic cargo information for shipper/consignee-owned or shipper/consignee-leased IIT must be transmitted in the same manner as information for any other revenue shipment and the transmission time frames (no later than 24 hours prior to loading in the foreign port) for revenue shipments apply.

For bill types Q, R, S, T (bills of lading with security filing) the Harmonized Number (Record D00, positions 3-13) is required.

Record Identifier B02

Bill of Lading Transaction Record

This record is a conditional record that is required when an AMS participant adds a bill of lading as part of an original manifest submission or manifest amendment. Use this record to nominate up to two secondary notify parties to receive an electronic duplicate of the bill status sent to the primary AMS participant. Additional SNP's may be shown in the N00 record. The secondary notify parties must have established communications links with AMS.

The B02 record is not included in manifest amendments to delete a bill of lading or amend the manifest quantity.

Record Identifier B02					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal B02.	
Volume	10N	4-13	C	A value representing the shipment's volume. This data element is required if the Volume Unit data element is provided. No decimals.	
Volume Unit	2A	14-15	C	A code representing the unit of volume. This data element is required if the Volume data element is provided. Valid codes are: BB = Barge CC = Cubic Centimeters DD = Cord CF = Cubic feet CM = Cubic meters FF = 100 Board Feet GG = Gallons HH = Hundreds of Measurement Tons LL = Load MM = Cubic Decimeters NN = Cubic Inches RR = Car SS = Measurement Ton TT = Container UU = Volumetric Unit VV = Liter	
Place of Receipt by Carrier	17X	16-32	M	A valid city or country name in which the carrier first took possession of the cargo destined to the U.S.	
Filler	12AN	33-44	M	Space fill.	

Record Identifier B02					
Data Element	Length/ Class	Position	Status	Description	Note
Second Notify Party (1)	4AN	45-48	C	The SCAC or automated FIRMS code of the secondary notify party authorized to receive a copy of the bill of lading status notification. NOTE: Mandatory for B01 Bill of Lading Type Codes N, P, R and S - NVOCC (insert SCAC of Master Bill of Lading Issuer).	1
Second Notify Party (2)	4AN	49-52	C	The SCAC or automated FIRMS code of the secondary notify party authorized to receive a copy of the bill of lading status notification.	1
Last Foreign Port Before Departing for the U.S.	5N	53-57	M	A code representing the foreign port from where the vessel departed for the U.S. See Census Schedule K in CAMIR Appendix F for valid foreign port codes.	
Mode of Transportation From the Place Prior to Loading	2N	58-59	C	A code indicating the type of vessel used to carry the manifested cargo to the port of lading.	2
Method of Payment for Transportation	3AN	60-62	C	Code identifying the method of payment for transportation to U.S.	3
First Foreign Port	5N	63-67	C	A code representing the foreign port in which the carrier takes contractual possession of the cargo. See Census Schedule K in CAMIR Appendix F for valid foreign port codes.	
Filler	13AN	68-80	M	Space fill.	

Note 1:

Secondary notify party allows AMS participants to nominate up to eight other entities to receive a copy of the status notification for an individual bill of lading. The information transmitted to the second party is a duplicate of the data received by the primary AMS participant. The secondary notify parties are designated via the B02 or N00 Records.

Note 2:

A code that specifies the method or type of transportation for the shipment prior to loading. Valid codes are:

Code	Description
10	Vessel, non-container, or unable to determine if container (including Lightered, Land Bridge and LASH)
11	Vessel containerized (Container)
20	Rail
21	Intermodal
30	Truck
40	Air
70	Pipeline

Note 3:

A code identifying the method for the movement of payment instructions. Valid codes are:

Code	Description
ACH	Automated Clearing House
BKW	Book Entry
BOP	Financial Institution Option
CAS	Cash
CCC	Credit Card
CCF	Collect Payment by Certified Funds
CCH	Cashier's Check
CDA	Credit/Debit Account
CHK	Check
CLH	Clearinghouse
CPC	Collect Payment by Company Check
CWT	Clearing House Interbank Payment System (CHIPS) Funds/Wire Transfer
DCC	ACH Demand Cash Concentration/Disbursement (CCD) Credit
DCD	ACH Demand Cash Concentration/Disbursement (CCD) Debit
DDP	Direct Deposit
DEB	Debit Card
DLC	Pre-Arranged Payment or Deposit Plus Addendum (PPD+) Credit to a Demand Deposit Account
DLD	Pre-Arranged Payment or Deposit Plus Addendum (PPD+) Debit to a Demand Deposit Account
DXC	ACH Demand Corporate Trade Exchange (CTX) Credit
DXD	ACH Demand Corporate Trade Exchange (CTX) Debit
DYC	Pre-Arranged Payment or Deposit (PPD) Credit to a Demand Deposit Account
DYD	Pre-Arranged Payment or Deposit (PPD) Debit to a Demand Deposit Account

Note 3 - Continued:

Code	Description
DZC	ACH Demand Cash Concentration/Disbursement Plus (CCD+) Credit
DZD	ACH Demand Cash Concentration/Disbursement Plus (CCD+) Debit
EBX	EDIBANX Clearing Network
EXC	1035 Exchange
FEW	Federal Reserve Funds/Wire Transfer-Repetitive
FWT	Federal Reserve Funds/Wire Transfer-Non-repetitive
NON	Non-Payment Data
PAC	Preauthorized Check (Draft)
PBD	Draft
PDC	ACH Savings Cash Concentration/Disbursement (PPD) Credit
PDD	ACH Savings Cash Concentration/Disbursement (PPD) Debit
PDE	Payroll Deduction
PRO	Proprietary Network
REV	ACH Reversal
SCC	ACH Savings Cash Concentration/Disbursement (CCD) Credit
SCD	ACH Savings Cash Concentration/Disbursement (CCD) Debit
SDC	ACH Savings Cash Concentration/Disbursement (PPD+) Credit
SDD	ACH Savings Cash Concentration/Disbursement (PPD+) Debit
SWT	Society For Worldwide Interbank Financial Telecommunications (S.W.I.F.T.)
SXC	ACH Savings Corporate Trade Exchange (CTX) Credit
SXD	ACH Savings Corporate Trade Exchange (CTX) Debit
SYC	Pre-Arranged Payment or Deposit (PPD) Credit To Savings
SZC	ACH Savings Cash Concentration/Disbursement Plus (CCD+) Credit
SZD	ACH Savings Cash Concentration/Disbursement Plus (CCD+) Debit
TRA	Traveler's Check
VIS	VISA Special Electronic Funds Transfer Network
X12	X12
ZZZ	Mutually Defined

Record Identifier B04

Bill of Lading Reference Identifier

This is a conditional record used to transmit the auxiliary reference identifiers associated with the B01 record, and other shipment-specific details. **NOTE: This record is mandatory for a house bill.**

Record Identifier B04					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal B04.	
Reference Identifier Qualifier	3AN	4-6	M	This data element identifies the type of reference identifier being reported for a bill of lading at the BOL grouping level. Use qualifier 'OB' to identify Master bill when B01.Bill of Lading Type Code is N, P, R or S. Left justify code qualifier values that are less than 3 characters in length.	1
Reference Identifier	30AN	7-36	M	The reference identifier corresponding to the code qualifier	2
Filler	44AN	37-80	M	Space fill.	

Note 1:

Valid qualifier codes are:

Code	Description
2K	Food and Drug Administration (FDA) Product Type
BL	Government Bill of Lading
BM	Bill of Lading Number
BN	Booking Number
CG	Consignee's Order Number
CN	Carrier's Reference Number (PRO/Invoice)
CO	Customer Order Number
CR	Customer Reference Number
CSK	Census Schedule K (ISF Requirement)
CUB	CBP Bill of Lading Number
CX	Consignment Classification ID
ED	Export Declaration
FEN	Foreign Entry Number
FN	Forwarder's/Agent's Reference Number
FP	Forestry Permit Number
GB	Grain Block Number

Note 1 - Continued:

Code	Description
GR	Grain order Reference Number
HS	Harmonized Code System (Used when the shipment is not an IE or T&E movement, or if the HS code received from the shipper is greater than 6 digits)
IN	Consignee's Invoice Number
LT	Lot Number
MA	Ship Notice/Manifest Number (Used for the Automotive ASN Number)
MB	Master Bill of Lading
MXC	Mexican CAAT code. This is required for Mexican transactions and usage and is not required for U.S. importations.
MXE	Mexican warehouse for export code. This is required for Mexican transactions and usage and is not required for U.S. importations.
MXI	Mexican warehouse for import code. This is required for Mexican transactions and usage and is not required for U.S. importations.
OB	Ocean Bill of Lading
OL	Identifies the original bill when the bill of lading has been split after initial loading. (Ocean only - does not apply to Rail)
OM	Ocean Manifest
OW	Service Order Number
PK	Packing List Number
PN	Permit Number
PO	Purchase Order Number
RC	Rail Routing Code Used by Automotive Manufacturers and Brokers
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
ULC	UNLOCCode (ISF Requirement)
UT	Unit Train
VA	Vessel Agent Number
WU	Vessel
WY	Rail Waybill Number
XC	Cargo Control Number
XP	Previous Cargo Control Number
ZE	Coal Authority Number
ZZ	Mutually Defined

Note 2:

For the BOL Status Indicator in the B01 of Q, R, or S, the B04 record is used to provide both the Foreign Port of Unlading (“CSK”, Census Schedule K Code) and Place of Delivery (“ULC”, UNLOCode). The Foreign Port of Unloading is a 5-character numeric code, left justified in the B04 record positions 7 to 11. The UNLOCode is 5 alpha/numeric characters, left justified in the B04 record positions 7 to 11.

For the BOL Status Indicator in the B01 of T (T&E and IE), use the B04 record to provide the Place of Delivery (“ULC”, UNLOCode) beyond the Foreign Destination, i.e., Foreign Port of Unlading that is reported in the Record Identifier I01, data element Foreign Destination. The Place of Delivery is 5 alpha/numeric characters, left justified in the B04 record positions 7 to 11.

The B04 record is used by carriers filing House Bills of Lading to report the associated Master Bill of Lading Number (“OB”, Ocean Bill of Lading). The Master Bill of Lading is 5 to 16 characters in length, left justified in the B04 record positions 7 to 22. For Rail: The 'OB' qualifier in the N901 is used to report the Bill of Lading number of the original ACE M1 waterborne carrier (OB) who initially imported the cargo into Canada or Mexico.

The B04 record is used by carriers to report the original bill of lading number (“OL”) in cases where the original shipment is modified. The new bill of lading must be related to the original bill of lading. The original bill of lading number is 5 to 16 characters in length in the B04 record positions 7 to 22.

The B04 record is also used by carriers to report the Mexican Pedimento Number (“FEN”, Foreign Entry Number). The Mexican Pedimento Number is 15 numeric characters, left justified in the B04 record positions 7 to 21. There should be no embedded hyphens, dashes or other special characters. The required format for a Mexican Pedimento Number is as follows:

yyppbbbbddddd, where:

yy	- the last two digits of a year
pp	- the Mexican customs port code
bbbb	- the Mexican broker code
ddddd	- the document number

Record Identifier S01

Shipper Name/Address Record

This is a record used to transmit the shipper's name and the first line of the address. This data must be transmitted exactly as it appears on the ocean bill of lading. AMS participants must provide shipper name and address information that is as full and complete as possible.

Shipper information is mandatory for a bill of lading and must be provided using either the S01/S02/S03 or the N00/N02/N03/N04 record loop.

<i>Record Identifier S01</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal S01.	
Shipper Name/Code	35X	4-38	M	A valid shipper name.	
Shipper Address, Line 1	35X	39-73	M	The first line of the shipper's address, or the city and country, if that is the only information available.	
Filler	7AN	74-80	M	Space fill.	

Record Identifier S02

Shipper Address Record

This is a conditional record used to transmit lines two and three of the shipper's address. This data must be transmitted exactly as it appears on the ocean bill of lading.

<i>Record Identifier S02</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal S02.	
Shipper Address, Line 2	35X	4-38	M	The shipper's address, if available.	
Shipper Address, Line 3	35X	39-73	C	The shipper's address, if available.	
Filler	7AN	74-80	M	Space fill.	

Record Identifier S03

Shipper Telephone/Telex Record

This is an optional record used to transmit the telephone or telex number of the shipper. This data must be transmitted exactly as it appears on the ocean bill of lading.

<i>Record Identifier S03</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal S03.	
Shipper Telephone or Telex Number	35X	4-38	M	The telephone or telex number of the shipper, if available. Place the word <i>TELEX</i> before the telex number. For the telephone number, insert only the number. If neither number is available, the S03 record may contain a fourth address line.	
Filler	42AN	39-80	M	Space fill.	

Record Identifier U01

Consignee Name/Address Record

This is a conditional record used to transmit the consignee's name and the first line of the address. This data must be transmitted exactly as it appears on the ocean bill of lading. AMS participants must provide consignee name and address information that is as complete and accurate as possible.

Either the Consignee information or Notify Party information is mandatory for a bill of lading. Consignee information may be provided using either the U01/U02/U03 or N00/N02/N03/N04 record loop.

<i>Record Identifier U01</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal U01.	
Consignee Name/ Code	35X	4-38	M	A valid consignee name.	
Consignee Address, Line 1	35X	39-73	M	The first line of the consignee address, or the city and country, if that is the only available information.	
Filler	7AN	74-80	M	Space fill.	

Record Identifier U02

Consignee Address Record

This is conditional record used to transmit lines two and three of the consignee's address data. This data must be transmitted exactly as it appears on the ocean bill of lading.

<i>Record Identifier U02</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal U02.	
Consignee Address, Line 2	35X	4-38	M	The second line of the consignee address, if available.	
Consignee Address, Line 3	35X	39-73	C	The third line of the consignee address, if available.	
Filler	7AN	74-80	M	Space fill.	

Record Identifier U03

Consignee Telephone/Telex Record

This is an optional record used to transmit the telephone or telex number of the consignee. This data must be transmitted exactly as it appears on the ocean bill of lading.

<i>Record Identifier U03</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal U03.	
Consignee Telephone or Telex Number	35X	4-38	M	The telephone or telex number of the consignee (depending upon the type specified in the U01 record). Place the word <i>TELEX</i> before the telex number. For the telephone number, insert only the number. If neither number is available, the U03 record may contain a fourth address line.	
Filler	42AN	39-80	M	Space fill.	

Record Identifier N00

Entity Name Record

This conditional record is required when the Entity Grouping is used to transmit a party by type of organization, name, and code. The data must be transmitted exactly as it appears on the bill of lading. AMS participants must provide complete information. This record may be repeated to identify other parties associated to a bill (such as Secondary Notify Party and Customs Broker). For Importer Security Filing (ISF), the N00/N02/N03/N04 loop must be used to report Ship To (Ship to Name and Address) and Booking Party.

When used to report a Secondary Notify Party or Customs Broker, only the N00 record is provided. When used to report all other parties, the N00 record is followed by the N02 Entity Address, N03 Entity Geographic Area and optional N04 Administrative Communications Contact-Notify Party records. The maximum number of times the record loop may be repeated is twenty-five (25) times.

The N00/N02/N03/N04 record loop can be used for reporting shipper name and address information (Entity Code=SH), consignee name and address information (Entity Code = CN and notify party name and address information (Entity Code=N1 or N2), in lieu of the S01/S02/S03, U01/U02/U03, and N01/N02/N03 record loops. **Implemented with M1.**

Record Identifier N00					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal N00.	
Entity Code	3AN	4-6	M	A code identifying the type of entity. BKP Booking Party (ISF Requirement) CB Customs Broker CN Consignee N1 Notify Party number 1 N2 Notify Party number 2 SH Shipper ST Ship To (ISF Requirement -- Ship To Name and Address) SNP Secondary Notify Party An organization that will receive information about a transaction	1,2
Entity Name	35AN	7-41	C	A free form text for name of entity.	

Record Identifier N00					
Data Element	Length/ Class	Position	Status	Description	Note
Code Qualifier	2AN	42-43	C	<p>If positions 4-6, Entity Code=CB or SNP, then Code Qualifier '17' is used in positions 42-43 and the ABI Routing Code is placed in the ID Code field starting in position 44.</p> <p>If positions 4-6, Entity Code=SNP, then Code Qualifier '2' is used in positions 42-43 (NOTE: The leading numeric '2' must be followed by one column of space fill). The SCAC or FIRMS of the SNP is placed in the ID Code field starting in position 44.</p> <p>If positions 4-6, Entity Code=ST or BKP (used for ISF), Code Qualifier '1' (DUNS) can be used in positions 42-43 (NOTE: The leading numeric 1 must be followed by one column of space fill). The DUNS is placed in the ID Code field starting in position 44.</p> <p>The Code Qualifier and ID Code fields should be space filled for all other Entity Codes.</p>	
ID Code	17AN	44-60	C	A code related to preceding Code Qualifier data element. This code is required if the Code Qualifier is '1' (DUNS), '17' (ABI Office Routing code) or '2' (SCAC or FIRMS code).	
Entity Relationship Code	2AN	61-62	C	For future use. Leave this data element blank.	
Entity ID Code	2AN	63-64	C	For future use. Leave this data element blank.	
Filler	16AN	65-80	M	Space fill.	

Note 1:

Secondary notify party allows AMS participants to nominate up to eight other entities to receive a copy of the status notification for an individual bill of lading. With the implementation of M1, this number expands to 25 entities. The information transmitted to the second party is a duplicate of the data received by the primary AMS participant. The secondary notify parties are designated via the B02 or N00 Records.

Note 2:

Additional Entity Codes:

Code	Description	Code	Description
B5	Affiliated Company	DR	Destination Drayman
BK	Bank	DS	Distributor
BKP	Booking Party (ISF Requirement)	DT	Destination Terminal
BN	Beneficial Owner CBP will map to a notify party.	DU	Resale Dealer
BO	Broker or Sales Office	DV	Division
BS	Bill and Ship To	DW	Downstream Party
BT	Bill-to-Party	DX	Distiller
BY	Buying Party (Purchaser)	EH	Exhibitor
C1	In Care Of Party no. 1 CBP will map to a notify party	EV	Selling Agent
C2	In Care Of Party no. 2 CBP will map to a notify party.	EX	Exporter
CA	Carrier	FN	Filer Name
CB	Customs Broker	FQ	Pier Name
CD	Consignee (To Receive Mail and Small Parcels) CBP will map to a consignee.	FS	Final Scheduled Destination
CE	Consignee (To receive large parcels and freight)	FW	Forwarder CBP will map to a shipper.
CF	Subsidiary/Division	HW	Designated Hazardous Waste Facility
CG	Carnet Issuer	HX	Transporter of Hazardous Waste
CI	Consignor	I1	Interested Party
CJ	Automated Data Processing (ADP) Point	IC	Intermediate Consignee
CL	Container Location	IF	International Freight Forwarder
CN	Consignee	IK	Intermediate Carrier
CP	Party to Receive Cert. of Compliance	IM	Importer
CQ	Corporate Office	J3	Broker's Assistant
CR	Container Return Company	J6	Power of Attorney
CS	Consolidator	JV	Joint Owner
D8	Dispatcher	JW	Joint Venture
DA	Delivery Address	LA	Attorney
DB	Distributor Branch	LL	Location of Load Exchange (Export)
DC	Destination Carrier	MA	Party for whom Item is Ultimately Intended
DF	Material Disposition Authorization Location	MC	Motor Carrier
DH	Doing Business As	MF	Manufacturer of Goods
DM	Destination Mail Facility	MO	Release Drayman
		MQ	Metering Location
		N1	Notify Party no. 1
		N2	Notify Party no. 2
		OB	Ordered By
		OO	Order Of (Shippers Orders) - (Transportation) CBP will map to a consignee.

Note 2 - Continued:

Code	Description	Code	Description
OP	Operator of property or unit	SH	Shipper
OR	Origin Drayman	SM	Party to Receive Shipping Manifest
OW	Owner of Property or Unit	SNP	Secondary Notify Party
OY	Owner of Vehicle	SO	Sold To, if Different from Bill To
PE	Payee	SP	Party filling Shipper's Order
PF	Party to Receive Freight Bill CBP will map to a shipper	SQ	Service Bureau
PJ	Party to Receive Correspondence	SS	Steamship Company
PK	Party to Receive Copy	ST	Ship To (ISF Requirement)
PL	Party to Receive Purchase Order	SU	Supplier/Manufacturer
PM	Party to receive paper Memo of Invoice	T3	Terminal Location
PN	Party to Receive Shipping Notice	T4	Transfer Point
PO	Party to Receive Invoice for Goods or Services	T6	Terminal Operator
PR	Payer	TR	Terminal
PU	Party at Pick-up Location	TT	Transfer To
PW	Pick Up Address	UC	Ultimate Consignee CBP will map to a notify party.
RD	Destination Intermodal Ramp	V1	Surety
RO	Original Intermodal Ramp	WH	Warehouse
SD	Sold To and Ship To	XR	Mexican Customs Broker
SE	Selling Party	XU	United States Customs Broker
SF	Ship From CBP will map to a shipper.	ZF	Break Bulk Point

Record Identifier N01

Notify Party Name/Address Record

This is a conditional record used to transmit the notify party's name and the first line of the address data. This data must be transmitted exactly as it appears on the ocean bill of lading. AMS participants must provide notify party name and address information that is as full and complete as possible.

The N01 record is immediately followed by the N02 Entity Address and optional N03 Notify Party Telephone/Telex records. The maximum number of times the record may be repeated is three (3) times.

Either the Consignee information or Notify Party information is mandatory for a bill of lading. Consignee information may be provided using either the U01/U02/U03 or N00/N02/N03/N04 record loop.

<i>Record Identifier N01</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal N01.	
Notify Party Name/Code	35X	4-38	M	A valid notify party name.	
Notify Party Address, Line 1	35X	39-73	M	The first line of the notify party address, or the city and country, if that is the only available information.	
Filler	7AN	74-80	M	Space fill.	

Record Identifier N02

Entity Address Record

This is a conditional record used to transmit lines of the entity's address data. This data must be transmitted exactly as it appears on the ocean bill of lading. Up to two (2) occurrences of the N02 are allowed to report the entity's address data when used with the N00 Record as the loop header. Only one occurrence is valid when used with the N01 Record as the loop header.

<i>Record Identifier N02</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal N02	
Entity's Address Line	35X	4-38	M	The next line of the entity's address. This may be a street address or post office box number.	
Entity's Address Line	35X	39-73	C	Additional line of the entity's address, if available.	
Filler	7AN	74-80	M	Space fill.	

Record Identifier N03

Notify Party Telephone/Telex Record

This is an optional record used to transmit the telephone or telex number of the Notify Party. This data must be transmitted exactly as it appears on the ocean bill of lading. This record is only valid when using N01 as the loop header.

<i>Record Identifier N03</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal N03.	
Notify Party Telephone or Telex Number	35X	4-38	M	The telephone or telex number of the Notify Party, if available. Place the word <i>TELEX</i> before the telex number. For the telephone number, insert only the number. If neither number is available, the N03 record may contain a fourth address line.	
Filler	42AN	39-80	M	Space fill.	

Record Identifier N03

Entity Geographic Area Record

This is a conditional record used by participants to report a geographic area associated with an entity. This record is only valid when using N00 as the loop header.

Record Identifier N03					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal N03.	
City Name	19AN	4-22	C	Free form text for the name of the city.	
State/Province Code	2AN	23-24	C	The U.S. postal code for the State/Province.	
Postal Code	9AN	25-33	C	A code representing the international postal zone code (Zip code in U.S.)	
Country Code	2AN	34-35	C	An ISO code identifying the country of origin. See ACE CATAIR Appendix B - Valid Codes' Country and Currency Codes section for valid ISO Country codes.	
Filler	45AN	36-80	M	Space fill.	

Record Identifier N04

Administrative Communications Contact-Notify Party Record

This is a conditional record used by participants to identify a person or office to which administrative communications should be directed. This record is only valid when using N00 as the loop header.

Record Identifier N04					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal N04.	
Contact Name	23AN	4-26	C	Free form text for the name of the person or office to which communications should be directed.	
Comm Number Qualifier	2AN	27-28	C	A code identifying the type of communications number.	1
Communications Number	25AN	29-53	C	A complete communications number including country or area code, when applicable.	
Comm Number Qualifier	2AN	54-55	C	A code identifying the type of communications number.	1
Communications Number	25AN	56-80	C	A complete communications number including country or area code, when applicable.	

Note 1:

Valid Communications Number Qualifier Codes are:

Code	Description
AU	Defense - Switched Network Department of Defense Telecommunications System and Successor of the Automatic Voice Network (AUTOVON)
CP	Cellular Phone
ED	Electronic Data Interchange Access Number
EM	Electronic Mail
EX	Telephone Extension
FT	Federal Telecommunications System (FTS)
FX	Facsimile
HP	Home Phone Number
IT	International Telephone
PS	Packet Switching
TE	Telephone
TL	Telex
TM	Telemail
TX	TWX
WP	Work Phone Number

Record Identifier I01

In-bond Record

This is a conditional record used to transmit in-bond data.

Record Identifier I01					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal I01.	
In-bond Entry Type	2N	4-5	M	A code representing the various types of in-bond movements. Valid codes are: 61 = Immediate Transportation (IT) 62 = Transportation and Exportation (T&E) 63 = Immediate Exportation (IE)	
BTA/FDA Indicator	1A	6	C	Must be "Y" or "N" to indicate whether or not any of the cargo on this in-bond is subject to the Bioterrorism Act of 2002 reporting requirements. This field is required only for In-bond Type 62 (T&E).	1
Filler	1X	7	M	Space fill.	
Conventional In-bond Number	9N	8-16	C	A CBP assigned in-bond control number used with conventional MIB movements. Either this data element or the Paperless In-bond Number data element must be completed.	
In-bond Carrier Code	4AN	17-20	C	A SCAC representing the original in-bond carrier, if other than the importing/exporting carrier.	
U.S. Port of Destination	4N	21-24	M	A 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. See CAMIR Appendix E for valid port codes.	
Foreign Destination	5N	25-29	C	A code representing the foreign port of destination for T&E (62) or IE (63) entries. This data field is left blank for IT (61) entries. See Census Schedule K, included in CAMIR Appendix F for valid foreign port codes.	
Value	8N	30-37	M	A value in whole dollars of the shipment moving in-bond. Twenty dollars per kilo may be used if the value is unknown. This data element must be greater than zero. No decimals.	

Record Identifier I01					
Data Element	Length/ Class	Position	Status	Description	Note
Bonded Carrier ID	12X	38-49	M	<p>The identification (ID) number of the original bonded carrier, including any embedded hyphens. Valid formats for importer number are:</p> <p>NN-NNNNNNNXX = Internal Revenue Service Number; YYDDPP-NNNNN = CBP assigned Number; or NNN-NN-NNNN = Social Security Number</p> <p>The system will validate the ID is on file and has a valid Bond type.</p>	
Paperless In-bond Number	11AN	50-60	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 Number data element must be completed.	
Filler	20AN	61-80	M	Space fill.	

Note 1:

In-bond type 63 (IE) cargo is not subject to BTA/FDA reporting and the indicator should always be “N”.

Record Identifier I02

In-bond Record

This is an optional record used to transmit waterborne export data for the U.S. Bureau of the Census (in lieu of CR7513) if available at the time of Manifest reporting and the I01 In-bond Entry Type is '62' or '63'. This record must be paired with the I01 record. If not reported here, it can be reported in the H02 record in the HI message.

Record Identifier I02					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal I02.	
Mode of Transportation Code	2N	4-5	M	Equals 10.	
Vessel Name	23AN	6-28	M	The valid name of the exporting vessel.	
Filler	52AN	29-80	M	Space fill.	

Record Identifier Q

Bill Container Record

This record is mandatory when an AMS participant adds a bill of lading as part of an original manifest submission or manifest amendment. This record is used to transmit the container/equipment number and seal numbers associated with a bill of lading. Transmit as many C01 records as necessary to record container/ equipment and seal numbers that exist per bill of lading. Cannot exceed 999 containers (C01's) per bill of lading. There can only be one container/equipment number per C01 record, but up to two seal numbers. Quantities for each container/equipment are the sum of the Piece Count field in the Bill Cargo Description (D01) record(s). The C01 record must precede the D00, D01, and D02 cargo description records for commodities associated with container/equipment. If using ISO codes for container type from Appendix M, participant does not have to send length, height and width.

The C01 record is not included in manifest amendments to delete a bill of lading or amend the manifest quantity.

Record Identifier C01					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal C01.	
Container/ Equipment Number	14AN	4-17	M	A valid container/equipment number associated with a bill of lading. The first 4 characters should be the container/equipment initial/prefix. This container/equipment number must reflect the number exactly as it physically appears on the container. Indicate NC for non-containerized freight. Neither an identical container/equipment number nor the designation NC should be repeated within the same bill.	
Seal Number 1	15AN	18-32	C	A valid exporter/carrier seal number associated with the container/equipment. When provided, this field must contain at least 2 non-blank alpha/numeric characters.	
Seal Number 2	15AN	33-47	C	A valid exporter/carrier seal number associated with the container/equipment. When provided, this field must contain at least 2 non-blank alpha/numeric characters.	
Container/ Equipment Description Code	2AN	48-49	M	A code for describing the type of container or equipment used for shipment. Refer to CAMIR Appendix I for valid Container/ Equipment Description codes.	
Container/ Equipment Length	5X	50-54	C	Length (in feet and inches) of container/ equipment used to transport shipment. The formula is FFFII, where FFF is feet and II is inches. The range for II is 00 through 11. Length is space filled if Container/ Equipment Type is provided.	

Record Identifier C01					
Data Element	Length/ Class	Position	Status	Description	Note
Height	8X	55-62	C	Vertical dimension of an object when object is in upright position. The formula is FFFFFFFII, where FFFFFFF is feet and II is inches. The range for II is 00 through 11. Height should be space filled if Container/Equipment Type is provided.	
Width	8X	63-70	C	A shorter measurement of the two horizontal dimensions measured with the object in the upright position. The formula is FFFFFFFII, where FFFFFFF is feet and II is inches. The range for II is 00 through 11. Width should be space filled if Container/Equipment Type is provided.	
Container/ Equipment Type	4AN	71-74	C	A code identifying the type of container/equipment. A container/equipment type code alone may be used in lieu of the container/equipment length, height and width. Refer to CAMIR Appendix M valid codes. The Container/Equipment Length, Height, and Width fields should be space filled when the Container/Equipment Type is given, otherwise they will be ignored.	
Load/Empty Status Code	1A	75	M	<p>A code which specifies the loaded condition of the transportation equipment. Valid status codes are:</p> <p>E = Empty L = Loaded</p> <p>This field must equal E when the B01 Bill of Lading Type Code equals 2 (Empty Equipment).</p>	

Record Identifier C01					
Data Element	Length/ Class	Position	Status	Description	Note
Type of Service Code	2AN	76-77	C	<p>A code specifying the extent of transportation service required. Valid codes are:</p> <p>BB = Break Bulk CS = Container Station CY = Container Yard HH = House-to-House HL = Headload or Devanning HP = House-to-Pier MD = Mixed Delivery NC = Non-Containerized PH = Pier-to-House PP = Pier-to-Pier RR = Roll on - Roll Off</p>	
Filler	3AN	78-80	M	Space fill.	

Record Identifier C02

Bill of Lading Container Record - Motor Vehicle Control

This is a conditional record used to report vehicle identification numbers (VINs) of vehicles associated with a specific container by ACE M1 participants. This record is included only if provided in the original manifest input submission or manifest amendment.

<i>Record Identifier C02</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal C02.	
VIN	30AN	4-33	M	The unique vehicle identification number stamped on a vehicle by the manufacturer.	
Filler	47AN	34-80	M	Space fill.	

Record Identifier D00

Additional Cargo Description Record

This is a conditional record used to report Harmonized Tariff information for a commodity. The universally recognized reference number, the Harmonized Tariff Schedule Code, characterizes a commodity and complements the written description in the D01 record. It is not used for classification purposes. At least the Harmonized Tariff Schedule Code number must appear in this record to make it valid. A commodity value and/or net weight without the code number will not be accepted. AMS will accept all 10 positions of the code number, but fewer positions of the code are acceptable. AMS participants are requested to submit a commodity value and net weight for each type of commodity referenced in the D01 record. It is mandatory for participants in the paperless T&E and IE programs to submit a D00 record as part of their bill data.

If the descriptions in the D01 record correspond to the information in the D00 record, and the commodity remains unchanged, it is not necessary to repeat the D00 record. If the commodity is different in the second or subsequent D01 records, a new D00 record with that new commodity's Harmonized Tariff Schedule Code number, commodity value and net weight information should be submitted. If different harmonized numbers describe a single commodity, multiple D00 records, each with a different Harmonized number may be grouped before a D01 record.

Record Identifier D00					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal D00.	
Harmonized Number	10AN	4-13	M	The 10-character code located in the Harmonized Tariff Schedule of the United States Annotated which represents the tariff number or Harmonized Tariff Schedule B that represents the commodity export. The HTS number will be reported at a minimum of 6-positions. Left justify the number and fill any remaining positions with spaces. CBP will only validate the first 6 bytes and return the associated description when necessary. On import manifests, the Harmonized Code is mandatory for 1) in-bond entry types T&E (62) and IE (63) for waterborne export shipments; and 2) B01. Bill of Lading Type Codes 'Q', 'R', 'S', 'T' Bills of Lading with ISF.	
Filler	1AN	14-14	M	Space fill.	

Record Identifier D00					
Data Element	Length/ Class	Position	Status	Description	Note
Value	8N	15-22	M	A value greater than zero, in whole dollars, of the commodity. Twenty dollars per kilo may be used if the value is unknown. No decimals. On import manifests, the Value is mandatory for in-bond entry types T&E (62) and IE (63) for waterborne export shipments.	
Weight	10N	23-32	M	A value greater than zero representing the net weight of the commodity. No decimals. On import manifests, the Weight is mandatory for in-bond entry types T&E (62) and IE (63) for waterborne export shipments.	
Weight Unit	2A	33-34	M	<p>A code representing the unit of measure. Valid codes are:</p> <p>LB = Pounds KG = Kilograms LT = Long Ton ST = Short Ton ET = Metric Ton MT = Measurement Ton</p> <p>On import manifests, the Weight Unit is mandatory for in-bond entry types T&E (62) and IE (63) for waterborne export shipments.</p>	
Filler	46AN	35-80	M	Space fill.	

Record Identifier D01

Bill Cargo Description Record

This record is mandatory when an AMS participant adds a bill of lading as part of an original manifest submission or manifest amendment. This record is used to transmit the description of the cargo. Up to 999 D01 records may exist per Bill Container (C01) record. AMS participants must provide complete and accurate commodity descriptions in this record.

The D01 record is not included in manifest amendments to delete a bill of lading or amend the manifest quantity.

Record Identifier D01					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal D01.	
Piece Count	10N	4-13	M	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.	1
Description	45X	14-58	M	A description of the cargo. Multiple description lines may be used for one container record. Every D01 record must have data in the description.	
Filler	14AN	59-72	M	Space fill.	
Manifest Unit Code	3AN	73-75	O	A code representing the manifest unit of measure - the smallest package unit for the bill of lading. Refer to CAMIR Appendix N for valid manifest unit codes.	
Filler	5AN	76-80	M	Space fill.	

Note 1:

If there is more than one line of description for a container, each D01 record may contain an entry in the piece count giving the quantity for that record only. CBP computes the container quantity by totaling the D01 records.

Alternately, the first D01 record's piece count may contain the total piece count for the entire container with subsequent description piece counts embedded in the description. For example, 9 cartons plastic toys, 5 bales textile pieces, and 7 coils steel wire. The quantity for this container is 21 pieces.

The total amount in all piece count fields in all D01 records must equal the amount in the manifest quantity field on the associated B01 record.

Record Identifier D02

Marks and Numbers Record

This record is mandatory when an AMS participant adds a bill of lading as part of an original manifest submission or manifest amendment. This record is used to specify information regarding marks and numbers. Diagrams, drawings, figures and other representations appearing on packaging may be described in writing. By capturing marks and numbers data in AMS, CBP seeks to incorporate in an automated environment information that is already made mandatory in the CBP manifest by Part 4 of the CBP Regulations. AMS users must provide full and complete manifest marks and numbers information, as in the paper manifest. There may be 999 D02 records per container per bill of lading.

The D02 record is not included in manifest amendments to delete a bill of lading or amend the manifest quantity.

<i>Record Identifier D02</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal D02.	
Marks and Numbers	45X	4-48	M	The written description of the symbols and markings that are on the outside of the packaging. If marks and numbers do not exist or are not available value should be 'No Marks' in this element.	
Filler	32AN	49-80	M	Space fill.	

Record Identifier V01

Hazardous Material Record

This is a conditional record required when an AMS participant adds a bill of lading for a shipment that contains hazardous materials. This record is used to specify information relative to hazardous materials, as defined in the 49th Code of Federal Regulations, for Ocean and Intermodal manifests. There may be 99 V01 records per container.

The V01 record is not included in manifest amendments to delete a bill of lading or amend the manifest quantity.

Record Identifier V01					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal V01.	
Hazardous Material Code	10X	4-13	M	A code representing the identification number assigned to the hazardous material.	1
Hazardous Material Class	4X	14-17	O	A code representing the hazardous class or division designated for the material in the International Maritime Dangerous Goods (IMDG) code.	
Hazardous Material Code Qualifier	1X	18	M	A code that describes the hazardous material class.	2
Hazardous Material Description	30AN	19-48	C	The proper shipping name of the material designated as hazardous.	
Hazardous Material Contact	24AN	49-72	C	The name and/or phone number of the person or department to contact in case of an emergency.	
UN Hazardous Material Page	6AN	73-78	O	The page number in the IMDG code in which the hazardous material identification appears.	
Filler	2AN	79-80	M	Space fill.	

Note 1:

The codes preceded by UN are associated with descriptions considered appropriate for international shipments as well as domestic shipments.

Note 2:

Valid codes for hazardous materials are:

Code	Description
U	United Nations

Record Identifier V02

Hazardous Material Record

This is a conditional record used to specify information relative to hazardous materials, as defined in the 49th Code of Federal Regulations, for Ocean and Intermodal manifests.

Record Identifier V02					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal V02.	
Flashpoint Temperature	3N	4-6	C	A value representing the lowest temperature at which the vapor of a hazardous combustible liquid will ignite in the air. When provided, the Flashpoint Temperature must be a whole number. No decimals.	
Unit of Measure Code	2A	7-8	C	A code representing the basic unit of measurement (UOM) for the flashpoint temperature. This is always CE = Degrees Centigrade/Celsius.	
Negative Indicator	1A	9	C	A code of N is used when a flashpoint temperature is negative, that is, below 0 degrees Centigrade/Celsius.	
Filler	71AN	10-80	M	Space fill.	

Record Identifier V03

Hazardous Material Record

This is a conditional record used to specify free form hazardous descriptive data in addition to the information provided in the V01 and V02 for Ocean and Intermodal manifests. For each commodity, there may be two V03 records per V01/V02 record.

<i>Record Identifier V03</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal V03.	
Hazardous Material Description	30AN	4-33	C	The material name and/or special instructions if applicable.	
Hazardous Material Classification	30AN	34-63	C	Free form description of hazardous material classification, division, or label requirements.	
Filler	17AN	64-80	M	Space fill.	

Record Identifier W01 (Output Only)

Error Record

This is a conditional record returned for each data element that is in error. Output record only.

Record Identifier W01 (Output Only)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal W01	
Entity Number	14AN	4-17	M	The bill of lading sequence number on which the error occurred.	1
Filler	12AN	18-29	M	Space fill.	
CBP Port	4N	30-33	M	A code representing the CBP port of arrival. Use Census Schedule D in CAMIR Appendix E for valid port codes.	1
Manifest Sequence Number	6N	34-39	M	A code representing the manifest sequence number. This number is an optional, carrier assigned sequence number. The default is one (000001).	1
Error Message	40X	40-79	M	A narrative explaining the error.	
Filler	1AN	80	M	Space fill.	

Record Identifier W02 (Output Only)

Message Acceptance Record

This is a mandatory record used to return the cumulative result of a transmission to AMS.
Output record only.

Record Identifier W02 (Output Only)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal W02.	
Carrier Code	4AN	4-7	M	A SCAC representing the automated importing carrier/MVOCC/NVOCC.	
Date of Transmission	6N	8-13	M	A date in YYMMDD (year, month, day) format representing the date that the inbound transmission to CBP was processed. In most cases the date of processing and the date of transmission will be the same.	
Time of Transmission	6N	14-19	M	A time in HHMMSS (hour, minute, second) 24-hour clock format representing the time that the inbound transmission to CBP was processed. Eastern Standard/Daylight Time should be reported.	
Total Manifests Read	2N	20-21	M	The total number of manifests (M01 records) read on a given transmission.	
Total Ports Read	3N	22-24	M	The total number of ports (P01 records) read on a single transmission.	
Total Bills Read	5N	25-29	M	The total number of bills (B01 records) read on a single transmission.	
Total House Bills Read	5N	30-34	M	Zero filled. This field is not used by CBP.	
Total Amendments Read	5N	35-39	M	The total number of amendments (A01 records) read on a single transmission. Zero filled for response to Original Manifest submission (MR).	
Total H01 Records Input	5N	40-44	M	Zero filled for response to Original Manifest submission (MR) and Manifest Amendment response (AR).	
Total Bills Rejected	5N	45-49	M	The total number of Bills of Lading (B01 record groupings) that were rejected for a single transmission.	
Total Bills Accepted	5N	50-54	M	The total number of Bills of Lading (B01 record groupings) that were accepted into the database.	
Total Records Read	5N	55-59	M	The total number of records read on a single inbound transmission (excludes the ACR and ZCR).	
Filler	21AN	60-80	M	Space fill.	