

# CBP Automated Manifest Interface Requirements - Exports

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U.S. Customs and  
Border Protection



# Table of Changes

Revision Number	Date of Change	Brief Description of Change
3.1	9/2022	1) UPDATED OUTBOUND RESPONSES 2) UPDATED APPENDICES TO REFLECT EXPORT 3) UPDATED TYPO ON PG.EXP-31 NOTE 1 TO APPENDIX I 4) REMOVAL OF B = FREIGHT REMAINING ON-BOARD (FROB) UNDER THE BOL STATUS INDICATOR ELEMENT.
3.2	10/2024	5) UPDATED NOTES
3.3	11/2024	6) UPDATED TABLE FORMAT FOR 508 COMPLIANCE (NO DATA CHANGES)

## Export Manifest – Input to Customs and Border Protection (CBP)

*Provides descriptions and format requirements for each data element contained within an Export Manifest 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.*

**TRANSACTION PROCESSING.....** [EXP-5](#)

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

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

**OUTPUT RECORD USAGE MAP.....** [EXP-13](#)

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

### RECORD DESCRIPTIONS

**Record Identifier ACR ..** [EXP-17](#)

The Transaction Control Header (ACR) Record provides data element descriptions and format requirements for the record beginning a transaction file.

**Record Identifier M01 ...** [EXP-18](#)

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

**Record Identifier M02....** [EXP-21](#)

The Manifest Continuation Record provides data element descriptions and format requirements for transmitting the carrier-assigned batch number, and voyage number that is more than 5 characters in length.

**Record Identifier P01.....** [EXP-22](#)

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

**Record Identifier J01** .....[EXP-23](#)  
The Issuer Code Record provides data element descriptions and format requirements for transmitting issuer data.

**Record Identifier A01** ....[EXP-24](#)  
The Amendment Record provides data element descriptions and format requirements for transmitting Export Manifest amendments.

<b>Record Identifier A02</b> .....	<b><a href="#">EXP-26</a></b>
The Bill of Lading Transaction Record provides data element descriptions and format requirements for transmitting Export Manifest and bill of lading data.	
<b>Record Identifier B01</b> .....	<b><a href="#">EXP-27</a></b>
The Bill of Lading Transaction Record provides data element descriptions and format requirements for transmitting Export Manifest and bill of lading data.	
<b>Record Identifier B02</b> .....	<b><a href="#">EXP-29</a></b>
The Bill of Lading Transaction Record provides data element descriptions and format requirements for transmitting additional Export Manifest and bill of lading data.	
<b>Record Identifier B04</b> .....	<b><a href="#">EXP-31</a></b>
The Bill of Lading Reference Identifier record is used to provide auxiliary identifier information for an ocean bill of lading.	
<b>Record Identifier N00</b> .....	<b><a href="#">EXP-32</a></b>
The Entity Name Record provides data element descriptions and format requirements for transmitting a party by type of organization, name, and code.	
<b>Record Identifier N02</b> .....	<b><a href="#">EXP-34</a></b>
The Entity Address Record provides data element descriptions and format requirements for transmitting lines of the entity's address.	
<b>Record Identifier N03</b> .....	<b><a href="#">EXP-36</a></b>
The Entity Geographic Area Record provides data element descriptions and format requirements for transmitting the entity's address.	
<b>Record Identifier N04</b> .....	<b><a href="#">EXP-37</a></b>
The Administrative Communications Contact Record provides the name and communications number of a contact.	
<b>Record Identifier C01</b> .....	<b><a href="#">EXP-38</a></b>
The Bill Container Record provides data element descriptions and format requirements for transmitting container numbers and seal numbers associated with bills of lading.	
<b>Record Identifier C02</b> .....	<b><a href="#">EXP-41</a></b>
The Bill of Lading Container Record provides data element descriptions and format requirements for transmitting Vehicle Identification Numbers (VIN) associated with a specific container.	
<b>Record Identifier C03</b> .....	<b><a href="#">EXP-42</a></b>
The Additional Seal Number(s) Record provides data element descriptions and format requirements for transmitting additional seal number(s) associated with a specific container.	
<b>Record Identifier D00</b> .....	<b><a href="#">EXP-43</a></b>
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.	
<b>Record Identifier D01</b> .....	<b><a href="#">EXP-45</a></b>
The Bill Cargo Description Record provides data element descriptions and format requirements for transmitting descriptions of the cargo.	
<b>Record Identifier D02</b> .....	<b><a href="#">EXP-46</a></b>
The Marks and Numbers Record provides data element descriptions and format requirements used to specify information regarding marks and numbers.	

<b>Record Identifier V01</b> ....	<a href="#"><u>EXP-47</u></a>
The Hazardous Material Record provides data element descriptions used to specify information relating to hazardous materials.	
<b>Record Identifier V02</b> ....	<a href="#"><u>EXP-48</u></a>
The Hazardous Material Record provides data element descriptions used to specify additional information relating to hazardous materials.	
<b>Record Identifier V03</b> ....	<a href="#"><u>EXP-49</u></a>
The Hazardous Material Record provides data element descriptions used to specify additional data relating to V01 and V02 records.	
<b>Record Identifier W01 (Output Only)</b> .....	<a href="#"><u>EXP-50</u></a>
The Error Record provides data element descriptions and format requirements for transmitting error conditions for each data element in error.	
<b>Record Identifier W02 (Output Only)</b> .....	<a href="#"><u>EXP-51</u></a>
The Message Acceptance Record provides data element descriptions and format requirements for transmitting the cumulative result of an original Export Manifest or amendment transaction.	
<b>Record Identifier ZCR</b> ..	<a href="#"><u>EXP-52</u></a>
The Transaction Control Trailer (ZCR) Record provides data element descriptions and format requirements for the record ending a transaction file.	

# TRANSACTION PROCESSING

Manifest input records provide a 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 Export 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.

Original Export Manifest submissions are reported using an Application Identifier (on ACR record) of “XI”. The corresponding outbound response Application Identifier (on ACR record) is “XR”. When multiple loading ports exist for the same vessel, the original Export Manifest ‘XI’ 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 an Export Manifest within 60 days after vessel departure from the U.S. 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. Export Manifest amendments are reported using an Application Identifier (on ACR record) of “UI”. The corresponding outbound response Application Identifier is “UR” (on ACR record). The Export Manifest Amendment application Identifier “UI” and Record Identifier “A01” must be used to add a bill of lading after vessel departure.

This chapter provides descriptions and format requirements for each data element contained within each ACE 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.

## INPUT RECORD USAGE MAPS

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

### Original Export Manifest Submission (XI) Record Usage Map:

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
<b>ACR</b>	Transaction Control Header	M	1		
	Manifest Grouping	M		99	1
<b>M01</b>	Manifest	M	1		
<b>M02</b>	Manifest Continuation Record	C	1		
	Port Grouping	M		20	
<b>P01</b>	Port	M	1		
	Issuer Grouping	M		9999	2
<b>J01</b>	Issuer Code	M	1		
	Bill of Lading Grouping	M		9999	2
<b>B01</b>	Bill of Lading Transaction	M	1		
<b>B02</b>	Bill of Lading Transaction	M	1		3
<b>B04</b>	Bill of Lading Reference Identifier	C	999		3
	Entity Grouping	C		25	4
<b>N00</b>	Entity Name	M	1		
<b>N02</b>	Entity Address	C	2		
<b>N03</b>	Entity Geographic Area	C	1		
<b>N04</b>	Administrative Communication Contact	O	1		
	Bill of Lading Container Grouping	M		999	
<b>C01</b>	Bill of Lading Container	M	1		
<b>C02</b>	Bill of Lading Container – Motor Vehicle Control	C	9999		
<b>C03</b>	Additional Seal Number(s)	C	5		
	Cargo Description Grouping	M		999	5
<b>D00</b>	Harmonized Nomenclature	C	999		
<b>D01</b>	Bill Cargo Description	M	999		
<b>D02</b>	Marks and Numbers	M	999		
	HAZMAT Grouping	C		99	6
<b>V01</b>	Hazardous Material	C	1		
<b>V02</b>	Hazardous Material	C	1		
<b>V03</b>	Hazardous Material	C	2		
<b>ZCR</b>	Transaction Control Trailer	M	1		

Designation: M = Reporting Mandatory; C = Reporting Conditional; O = Reporting Optional

## Export Manifest Amendment (UI) Record Usage Map:

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
<a href="#">ACR</a>	Transaction Control Header	M	1		
	Manifest Grouping	M		99	1
<a href="#">M01</a>	Manifest	M	1		
<a href="#">M02</a>	Manifest Continuation Record	C	1		
	Port Grouping	M		20	
<a href="#">P01</a>	Port	M	1		
	Issuer Grouping	M		9999	2
<a href="#">J01</a>	Issuer Code	M	1		
	Amendment Grouping	M		9999	7
<a href="#">A01</a>	Amendment	M	1		
<a href="#">A02</a>	Amendment Reference Identifier	C	1		
	Bill of Lading Grouping	M		1	2, 7
<a href="#">B01</a>	Bill of Lading Transaction	M	1		
<a href="#">B02</a>	Bill of Lading Transaction	M	1		3
<a href="#">B04</a>	Bill of Lading Reference Identifier	C	999		3
	Entity Grouping	C		25	4
<a href="#">N00</a>	Entity Name	M	1		
<a href="#">N02</a>	Entity Address	C	2		
<a href="#">N03</a>	Entity Geographic Area	C	1		
<a href="#">N04</a>	Administrative Communication Contact	O	1		
	Bill of Lading Container Grouping	M		999	
<a href="#">C01</a>	Bill of Lading Container	M	1		
<a href="#">C02</a>	Bill of Lading Container – Motor Vehicle Control	C	9999		
<a href="#">C03</a>	Additional Seal Number(s)	C	5		
	Cargo Description Grouping	M		999	5
<a href="#">D00</a>	Harmonized Nomenclature	C	999		
<a href="#">D01</a>	Bill Cargo Description	M	999		
<a href="#">D02</a>	Marks and Numbers	M	999		
	HAZMAT Grouping	C		99	6
<a href="#">V01</a>	Hazardous Material	M	1		
<a href="#">V02</a>	Hazardous Material	C	1		
<a href="#">V03</a>	Hazardous Material	C	2		
<a href="#">ZCR</a>	Transaction Control Trailer	M	1		

Designation: M = Reporting Mandatory; C = Reporting Conditional; O = Reporting Optional



### **Note 1:**

When multiple Export Manifest Groupings are received within the same ACR, all Export Manifest Groupings will be processed with the same ACR application ID.

### **Note 2:**

The total number of bill(s) of lading within a single manifest should not exceed a practical limit of 9999. All Bill of Lading transactions (records B01 through V03) may follow a single Issuer record (J01), or multiple Issuer records (J01) may be included, each followed by one or more associated Bill of Lading transaction groups.

### **Note 3:**

Reference Identifier (B04) records are mandatory for NVOCC's to report the related Master Bill of Lading.

### **Note 4:**

All Export Bills of Lading must include the shipper's name and address information; additionally, the name and address must be provided for either the consignee or at least one notify party. The N00/N02/N03/N04 record loop is used to report name and address information for the shipper (SH), consignee (CN), notify parties (N1, N2), and/or secondary notify parties (SNP). When used to report a Secondary Notify Party (SNP), 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.

The maximum usage of the Entity Name record (N00) is 25.

The following example illustrates use of N00/N02/N03/N04 for filing party information:

#### **Example – Use of N00/N02/N03/N04:**

N00 (Secondary Notify Party)  
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  
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.

## 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, 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 an original Export Manifest submission response (XR) or Export Manifest amendment response (UR). Additional notes are provided for clarification on looping structures.

### Outbound Response (XR/UR) Record Usage Map:

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
<b>ACR</b>	Transaction Control Header	M	1		
	Manifest Grouping	M		1	1
<b>M01</b>	Manifest	M	1		2
<b>W01</b>	Error Record	C	10		
<b>M02</b>	Manifest Continuation Record	C	1		2
<b>W01</b>	Error Record	C	10		
	Port Grouping	M		20	
<b>P01</b>	Port	M	1		2, 3
<b>W01</b>	Error Record	C	100		3
	Issuer Grouping	C		9999	
<b>J01</b>	Issuer Code	M	1		4
<b>W01</b>	Error Record	C	10		
	Amendment Grouping	C		9999	
<b>A01</b>	Amendment	C	1		5
<b>W01</b>	Error Record	C	10		
<b>A02</b>	Amendment Reference Identifier	C	1		
<b>W01</b>	Error Record	C	10		
	Bill of Lading Grouping	C		1	6
<b>B01</b>	Bill of Lading Transaction	M	1		7
<b>W01</b>	Error Record	C	10		
<b>B02</b>	Bill of Lading Transaction	C	1		
<b>W01</b>	Error Record	C	10		
	Reference Identifier Error Grouping	C		999	
<b>B04</b>	Bill of Lading Reference Identifier	M	1		
<b>W01</b>	Error Record	M	10		
	Entity Grouping	C		25	
<b>N00</b>	Entity Name/Address	M	1		7
<b>W01</b>	Error Record	C	10		
<b>N02</b>	Entity Address	C	1		

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
<a href="#">W01</a>	Error Record	C	10		
<a href="#">N02</a>	Entity Address	C	1		
<a href="#">W01</a>	Error Record	C	10		
<a href="#">N03</a>	Entity Geographic Area	C	1		
<a href="#">W01</a>	Error Record	C	10		
<a href="#">N04</a>	Administrative Communication Contact	C	1		
<a href="#">W01</a>	Error Record	C	10		
	Bill of Lading Container Grouping	C		999	
<a href="#">C01</a>	Bill of Lading Container	M	1		7
<a href="#">W01</a>	Error Record	C	10		
	Container-Motor Vehicle Error Grouping	C		9999	
<a href="#">C02</a>	Bill of Lading Container-Motor Vehicle	M	1		
<a href="#">W01</a>	Error Record	M	10		
	Additional Seal Number(s) Error Grouping	C		5	
<a href="#">C03</a>	Additional Seal Number(s)	C	1		
<a href="#">W01</a>	Error Record	C	10		
	Cargo Description Grouping	C		1	
	Harmonized Nomenclature Error Grouping	C		999	
<a href="#">D00</a>	Harmonized Nomenclature	M	1		
<a href="#">W01</a>	Error Record	M	10		
	Bill Cargo Description Error Grouping	C		999	
<a href="#">D01</a>	Bill Cargo Description	M	1		
<a href="#">W01</a>	Error Record	M	10		
	Marks and Numbers Error Grouping	C		999	
<a href="#">D02</a>	Marks and Numbers	M	1		
<a href="#">W01</a>	Error Record	M	10		
	HAZMAT Grouping	C		99	
<a href="#">V01</a>	Hazardous Material	M	1		7
<a href="#">W01</a>	Error Record	C	10		
<a href="#">V02</a>	Hazardous Material	C	1		
<a href="#">W01</a>	Error Record	C	10		
<a href="#">V03</a>	Hazardous Material	C	1		
<a href="#">W01</a>	Error Record	C	10		
<a href="#">W01</a>	Error Record	C	10		9
<a href="#">W02</a>	Message Acceptance/Rejection	M	1		8
<a href="#">ZCR</a>	Transaction Control Trailer	M	1		

Designation: M = Reporting Mandatory; C = Reporting Conditional

### **Note 1:**

When Original Export Manifest Submission (XI) or Export Manifest Amendment (UI) 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 is provided on the inbound message, it will be returned in the response.

### **Note 3:**

For an error at the Manifest level (M01 or M02), 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 Export 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 Export 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 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, 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), 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 ACR

### *Transaction Control Header Record*

This record signals the beginning of a transaction file.

Data Element	Length/Class	Position	Status	Description	Note
Control Identifier	3A	1-3	M	Must always equal ACR.	
ACE User Code	4AN	4-7	M	A code representing the carrier, CBP-assigned port authority, or service bureau.	
Filler	6AN	8-13	M	Space fill.	
Application Identifier	2A	14-15	M	<p>A code representing the type of application detail data contained within the block.</p> <p>For Export Manifest input transactions, set to XI; in the outbound response messages, Application Identifier is XR.</p> <p>For Standalone House BOL, set to PI; in the outbound response messages, Application Identifier is PR.</p> <p>For Export Manifest Amendment input transactions, set to UI; in the outbound response messages, Application Identifier is UR.</p>	
Date	6N	16-21	C	A date in YYMMDD (year, month, day) format representing the date of processing.	1
Time	6N	22-27	C	A time in HHMMSS (hours, minutes, seconds) format representing the time of processing. Eastern Standard/Daylight Time should be reported.	1
Batch Number	5N	28-32	C	A CBP-generated 5-position numeric code from 00001 to 99999. The batch number is used in conjunction with the date of transmission to uniquely identify a user transmission.	1
Filler	48AN	33-80	M	Space fill.	

### **Note 1:**

This data is not transmitted by the participant in input transaction control records. It is returned to the participant in output transaction control records. Do not use this field on input.

## Record Identifier M01

### *Manifest Record*

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

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 (not transmitting) this 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	C	An International Organization for Standardization (ISO) country code representing the flag country of the vessel. Refer to CAMIR Appendix N for valid codes. This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted.  Vessel Country Code is required for Export Manifest submissions but should be space filed for Standalone House BOL submissions.	

Data Element	Length/Class	Position	Status	Description	Note
Vessel Name	23AN	12-34	C	A valid vessel name entered using no slashes. This element will not be validated by CBP during electronic data exchange. 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.	
Voyage Number	5AN	35-39	C	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.  Voyage numbers more than 5 characters in length can be reported on the M02 record.	2
Filler	5AN	40-44	M	Space fill.	
Manifest Sequence Number	6N	45-50	C	The manifest sequence number. This number is an optional carrier-assigned sequence number. 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 Export Manifest sequence number.	
Filler	1AN	51	M	Space fill.	
Vessel Code	7AN	52-58	C	International Maritime Organization (IMO) Code issued by Lloyds representing the exporting vessel. This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted.  Vessel Code is required for Export Manifest submissions.	
Export Flag	1AN	59-59	M	Set to 'Y' for Export Manifest.	
Filler	21AN	60-80	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](http://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.

**Note 2:**

If the Voyage Number is more than 5 characters in length, leave this field blank on the M01 record and instead provide the Voyage Number using the M02 record. When submitting an Export Manifest, Voyage Number is required and must be reported on either the M01 record or M02 record.

## Record Identifier M02

### *Manifest Continuation Record*

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

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	C	The carrier-assigned batch number. The participants may use this field for internal tracking purposes. Data is returned to Carrier in the response message.	
Voyage Number (expanded)	30X	34-63	C	<p>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.</p> <p>This field may be used (instead of the M01 Voyage Number field) when voyage number is more than 5 characters in length.</p> <p>Space fill for Standalone House BOL submissions.</p>	
Filler	17AN	64-80	M	Space fill.	

## Record Identifier P01

### *Port Record*

This is a mandatory record used to transmit port data.

Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal P01.	
Port of Departure	4N	4-7	M	Each U.S. port of export, refer to Census Schedule D in CAMIR Appendix L for valid codes.	
Original Estimated Date	6N	8-13	M	A date in MMDDYY (month, day, year) format representing the original scheduled date of departure of the vessel from the U.S.  For Export Manifest amendments, this field should equal the P01 Original Estimated Date field from the original Export Manifest submission.	
Next Port	5N	14-18	O	In a vessel coastwise movement this is the next US port of call after the port in P01. In the last port of call prior to vessel departure from the US, this is the first foreign port of call. - For US ports of call CBP only accepts 4 numeric characters in this field (Census Schedule D) - For the first foreign port CBP only accepts 5 numeric Characters in this field (Census Schedule K).	
Filler	67AN	19-80	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.

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 Export Manifest amendment being transmitted. This record is required when an ACE participant amends the manifest quantity or adds or deletes a bill of lading. The A01 record is not included for original Export 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 UI.

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 exporting carrier/MVOCC/NVOCC.	
CBP Port	4N	8-11	M	A code representing the port of departure of the vessel from the U.S. Use Census Schedule D in CAMIR Appendix L for valid port codes.	
Action Code	1A	12	M	A code representing the CBP type of Export 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	C	The bill of lading sequence number. Do not include the issuer code as it is contained in the associated J01 record.	2
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 D 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, and 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)  
Entity Name/Address (N00)  
Notify Party Address (N02)

### **Note 1 – Continued:**

Entity Geographic Area (N03)  
Notify Party Administrative Communications Contact (N04)  
Bill Container (C01)  
Bill of Lading Container (C02)  
Additional Seal Number(s) (C03)  
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 is 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 is used.

### **Note 2:**

If the Bill of Lading Sequence Number is longer than 12 characters, leave this field blank on the A01 record and instead provide the Bill of Lading Sequence Number using the reference qualifier 'BM' on the A02 record. The Bill of Lading Sequence Number is required and must be reported on either the A01 record or A02 record.

## Record Identifier A02

### *Amendment Record*

This is a conditional record used to identify the type of Export Manifest amendment being transmitted. This record is required to support longer bill number for transmitting Export Manifest amendments. The A02 record is not included for original Export Manifest submissions. This record is conditional when the ACR Application Identifier is UI.

Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal A02.	
Reference Identifier Qualifier	3AN	4-6	M	This data element identifies the type of reference identifier being reported. Left justify, code qualifier values that are less than 3 characters in length. “BM” will be used for longer bill number.	
Reference Identifier	50AN	7-56	M	The reference identifier corresponding to the code qualifier.	
Filler	24AN	57-80	M	Space fill.	

## Record Identifier B01

### *Bill of Lading Transaction Record*

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

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	C	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.	1
Foreign Port of Unlading	5N	16-20	M	Foreign Port of Unlading. Refer to Census Schedule K in CAMIR Appendix O for valid codes. If not specified in Schedule K use generic Schedule K Code for all Canadian Provinces and Mexican States.	
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 E 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	

Data Element	Length/ Class	Position	Status	Description	Note
Bill of Lading Status Indicator	1X	48	M	<p>A code representing the status of the bill of lading. Valid codes are:</p> <p>0 or space = Regular/ simple bill</p> <p>2 = Empty equipment instruments of international trade (If '2' used, C01 Load/Empty Status Code must be 'E').</p> <p>M = Master Vessel Operating Common Carrier (MVOCC) (vessel master bill)</p> <p>N = Non Vessel Opr. Common Carrier (NVOCC) (House bill)</p>	
Filler	32AN	49-80	M	Space fill.	

**Note 1:**

If the Bill of Lading Sequence Number is longer than 12 characters, leave this field blank on the B01 record and instead provide the Bill of Lading Sequence Number using the reference qualifier 'BM' on the B04 record. The Bill of Lading Sequence Number is required and must be reported on either the B01 record or B04 record.

## Record Identifier B02

### *Bill of Lading Transaction Record*

This record is a conditional record that is used to provide additional Bill of Lading data when an ACE participant adds a bill of lading as part of an original Export Manifest submission, Standalone House BOL submission, or Export Manifest amendment.

The B02 record is not included in Export Manifest amendments to delete a Bill of Lading or amend the manifest quantity.

Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal B02.	
Volume	8N	4-11	C	A value representing the shipment's volume. This data element is required if the Volume Unit data element is provided. No decimals.	
Filler	2AN	12-13	M	Space Fill	
Volume Unit	2A	14-15	C	<p>A code representing the unit of volume. This data element is required if the Volume data element is provided. Valid codes are:</p> <p>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</p>	
Place of Receipt by Carrier	17X	16-32	M	Required by CBP. A city or country name in which the carrier took possession of the cargo.	
Filler	12AN	33-44	M	Space fill.	
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.	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

Data Element	Length/ Class	Position	Status	Description	Note
Port of Unloading	5N	53-57	M	First Foreign Port of Unloading. Refer to Census Schedule K in CAMIR Appendix O for valid codes. If not specified in Schedule K, use a generic Schedule K code for all Canadian provinces and Mexican states.	
Filler	23AN	58-80	M	Space fill.	

**Note 1:**

Secondary notify party allows ACE participants to nominate up to twenty-five 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 participant. The secondary notify parties are designated via the B02 or N00 Records.

## 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 NVOCC's.** The maximum number of times the record loop may be repeated is 999 times.

The B04 record is not included in Export Manifest amendments to delete a bill of lading or amend the manifest quantity.

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. Left justify code qualifier values that are less than 3 characters in length.	1, 2
Reference Identifier	50AN	7-56	M	The reference identifier corresponding to the code qualifier.	2
Filler	24AN	57-80	M	Space fill.	

### **Note 1:**

For Valid qualifier codes See “Appendix I – Reference & Exemption Codes – Exports” in the Manifest Appendices document under the ACE Export Manifest Implementation Guides – MMM.

### **Note 2:**

The B04 record is used to provide the Place of Delivery (“ULC”, UNLOCCode) beyond the 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 56.



## 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. ACE 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).

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.

Note: Complete party details shall be entered for SH – Shipper, CN – Consignee, and UC – Ultimate Consignee.

The N00 record is not included in Export Manifest amendments to delete a Bill of Lading or amend the manifest quantity.

Data Element	Length/Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal N00.	
Entity Code	3AN	4-6	M	<p>A code identifying the type of entity.</p> <p><b>BKP</b> Booking Party Requirement  <b>CB</b> Customs Broker  <b>CN</b> Consignee  <b>N1</b> Notify Party no. 1  <b>N2</b> Notify Party no. 2  <b>SH</b> Shipper  <b>ST</b> Ship To Ship To Name and Address  <b>SNP</b> Secondary Notify Party An organization that will receive information about a transaction</p>	1,2
Entity Name	35AN	7-41	C	A free form text for name of entity.	
Code Qualifier	2AN	42-43	C	<p>If positions 4-6, Entity Code=CB, 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 (<b>NOTE</b>: 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 Importer Security Filing), Code Qualifier '1' (DUNS) can be used in positions 42-43 (<b>NOTE</b>: The leading numeric 1 must be followed by one column</p>	

Data Element	Length/ Class	Position	Status	Description	Note
				of space fill). The DUNS is placed in the ID Code field starting in position 44.  The Code Qualifier and ID Code fields should be space filled for all other Entity Codes.	
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 ACE participants to nominate up to twenty-five 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 ACE participant. The secondary notify parties are designated via the B02 or N00 Records.

### **Note 2:**

Additional Entity Codes:

Code	Description
B5	Affiliated Company
BK	Bank
BKP	Booking Party
BN	Beneficial Owner (CBP will map to notify party)
BO	Broker or Sales Office
BS	Bill and Ship To
BT	Bill-to-Party
BY	Buying Party (Purchaser)
C1	In Care Of Party no. 1 (CBP will map to a notify party)
C2	In Care Of Party no. 2 (CBP will map to a notify party)
CA	Carrier
CB	Customs Broker
CD	Consignee (To receive mail and small parcels) (CBP will map to a consignee)
CE	Consignee (To receive large parcels and freight)
CF	Subsidiary/Divisions
CG	Carnet Issuer
CI	Consignor
CJ	Automated Data Processing (ADP) Point
CL	Container Location
CN	Consignee

Code	Description
CP	Party to Receive Cert. of Compliance
CQ	Corporate Office
CR	Container Return Company
CS	Consolidator
D8	Dispatcher
DA	Delivery Address
DB	Distributor Branch
DC	Destination Carrier
DF	Material Disposition Authorization
DH	Doing Business As
DM	Destination Mail Facility
DR	Destination Drayman
DS	Distributor
DT	Destination Terminal
DU	Resale Dealer
DV	Division
DW	Downstream Party
DX	Distiller
EH	Exhibitor
EV	Selling Agent
EX	Exporter
FN	File Name
FQ	Filer Name
FS	Final Scheduled Destination
FW	Forwarder (CBP will map a shipper)
HW	Designated Hazardous Waste Facility
HX	Transporter of Hazardous Waste
I1	Interested Party
IC	Intermediate Consignee
IF	International Freight Forwarder
IK	Intermediate Carrier
IM	Importer
J3	Broker's Assistant
J6	Power of Attorney
JV	Joint Owner
JW	Joint Venture
LA	Attorney
LL	Location of Load Exchange
MA	Party for whom item is ultimately intended
MC	Motor Carrier
MF	Manufacturer of Goods
MO	Release Drayman
MQ	Metering Location
MXN	The Mexican Taxpayer's Identification Number. Required in Mexican Transactions and usage but optional in U.S. Shipments to Mexico when the Consignee is in Mexico
N1	Notify Party no. 1
N2	Notify Party no. 2
OB	Ordered By
OO	Order of (Shippers Orders) – (Transportation)

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

## 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.

The N02 record is not included in Export Manifest amendments to delete a bill of lading or amend the manifest quantity.

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

### *Entity Geographic Area Record*

This is a conditional record used by participants to report a geographic area associated with an entity.

The N03 record is not included in Export Manifest amendments to delete a bill of lading or amend the manifest quantity.

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 in U.S.).	
Country Code	2AN	34-35	C	An ISO code identifying the country of origin. See Appendix N 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.

The N04 record is not included in Export Manifest amendments to delete a bill of lading or amend the manifest quantity.

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 C01

### Bill Container Record

This record is mandatory when an ACE participant adds a bill of lading as part of an original Export Manifest submission, Standalone House BOL submission, or Export 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. Additional Seal Number(s) can be reported on the C03 record. 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 Export Manifest amendments to delete a Bill of Lading or amend the manifest quantity.

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. 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 F 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.	
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	



Data Element	Length/ Class	Position	Status	Description	Note
				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	A code which specifies the loaded condition of the transportation equipment. Valid status codes are:  E = Empty L = Loaded  This field must equal E when the B01 Bill of Lading Status Indicator equals 2 (Empty Equipment).	
Type of Service Code	2AN	76-77	C	A code specifying the extent of transportation service required. Valid codes are:  <b>BB</b> = Break Bulk <b>CS</b> = Container Station <b>CY</b> = Container Yard <b>HH</b> = House-to-House <b>HL</b> = Headload or Devanning <b>HP</b> = House-to-Pier <b>MD</b> = Mixed Delivery <b>NC</b> = Non-Containerized <b>PH</b> = Pier-to-House <b>PP</b> = Pier-to-Pier <b>RR</b> = Roll on - Roll Off	
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 as part of an original Export Manifest submission, Standalone House BOL submission or Export Manifest amendment.

The C02 record is not included in Export Manifest amendments to delete a Bill of Lading or amend the manifest quantity.

<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
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 C03

### *Additional Seal Number(s) Record*

This is a conditional record used to report additional Seal Number(s) for a specific container as part of an original Export Manifest submission, Standalone House BOL submission or Export Manifest amendment. Up to five (5) C03 records may exist per Bill Container (C01) record.

The C03 record is not included in Export Manifest amendments to delete a Bill of Lading or amend the manifest quantity.

Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal C03.	
Seal Number	15AN	4-18	M	A valid exporter/carrier seal number associated with the container/equipment. Cannot include "." or "-". Required by CBP for if additional seals are applied.  Must contain at least 2 non-blank alpha/numeric characters.	
Seal Number	15AN	19-33	C	A valid exporter/carrier seal number associated with the container/equipment. Cannot include "." or "-". Required by CBP for if additional seals are applied.  When provided, this field must contain at least 2 non-blank alpha/numeric characters.	
Seal Number	15AN	34-48	C	A valid exporter/carrier seal number associated with the container/equipment. Cannot include "." or "-". Required by CBP for if additional seals are applied.  When provided, this field must contain at least 2 non-blank alpha/numeric characters.	
Seal Number	15AN	49-63	C	A valid exporter/carrier seal number associated with the container/equipment. Cannot include "." or "-". Required by CBP for if additional seals are applied.  When provided, this field must contain at least 2 non-blank alpha/numeric characters.	
Filler	17AN	64-80	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. ACE will accept all 10 positions of the code number, but fewer positions of the code are acceptable. ACE participants are requested to submit a commodity value and net weight for each type of commodity referenced in the D01 record.

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.

The D00 record is not included in Export Manifest amendments to delete a bill of lading or amend the manifest quantity.

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.	
Filler	1AN	14-14	M	Space fill.	
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.	
Weight	10N	23-32	M	A value greater than zero representing the net weight of the commodity. No decimals.	

Data Element	Length/ Class	Position	Status	Description	Note
Weight Unit	2A	33-34	M	<p>A code representing the unit of measure. Valid codes are:</p> <p><b>LB</b> = Pounds  <b>KG</b> = Kilograms  <b>LT</b> = Long Ton  <b>ST</b> = Short Ton  <b>ET</b> = Metric Ton  <b>MT</b> = Measurement Ton</p>	
Filler	46AN	35-80	M	Space fill.	

## Record Identifier D01

### *Bill Cargo Description Record*

This record is mandatory when an ACE participant adds a Bill of Lading as part of an original Export Manifest submission, Standalone House BOL submission or Export 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. ACE participants must provide complete and accurate commodity descriptions in this record.

The D01 record is not included in Export Manifest amendments to delete a Bill of Lading or amend the manifest quantity.

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	M	A code representing the manifest unit of measure - the smallest package unit for the bill of lading. Refer to CAMIR Appendix E 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 ACE participant adds a bill of lading as part of an original Export Manifest submission, Standalone House BOL submission or Export 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 ACE, 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. ACE 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 Export Manifest amendments to delete a bill of lading or amend the manifest quantity.

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 ACE 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 Export Manifest amendments to delete a bill of lading or amend the manifest quantity.

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.

The V02 record is not included in Export Manifest amendments to delete a bill of lading or amend the manifest quantity.

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.

The V03 record is not included in Export Manifest amendments to delete a bill of lading or amend the manifest quantity.

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.

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 L 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.	

**Note 1:**

See CAMIR Change Log for future use.

## Record Identifier W02 (Output Only)

### Message Acceptance Record

This is a mandatory record used to return the cumulative result of a transmission to ACE.

Output record 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 exporting 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 (XR).	
Total H01 Records Input	5N	40-44	M	Zero filled for Original Export Manifest response (XR), Standalone House BOL response (PR), and Manifest Amendment response (UR).	
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.	

**Record Identifier ZCR***Transaction Control Trailer Record*

This record signals the end of a transaction file.

Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3A	1-3	M	Must always equal ZCR.	
ACE User Code	4AN	4-7	M	A code representing the carrier, CBP-assigned port authority, or service bureau. Not validated upon input. ACE User Code from the ACR record will be returned in response.	
Filler	6AN	8-13	M	Space fill.	
Application Identifier	2AN	14-15	C	Output application identifier. This data element is not included in input transactions (HI, UI).  For Export Manifest response messages, Application Identifier is HR.  For Export Manifest Amendment response messages, Application Identifier is UR.	
Filler	19AN	16-34	M	Space fill.	
Number of Transaction Detail Records	5AN	35-39	C	The total number of records transmitted (excludes the ACR and ZCR). Not validated upon input. Valid number will be returned in response.	
Filler	41AN	40-80	M	Space fill.	