

CBP Automated Manifest Interface Requirements

Automated Manifest Download

October 2011



U.S. Customs and
Border Protection



Automated Manifest Download

Provides descriptions and format requirements for each data element contained within an Automated Manifest Download transmission sent as output to a port authority or service bureau.

TRANSACTION PROCESSING [AMD-4](#)

OUTPUT RECORD USAGE MAP [AMD-5](#)

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

RECORD DESCRIPTIONS

Record Identifier ACR [AMD-10](#)

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

Record Identifier M01 [AMD-11](#)

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

Record Identifier B04..... [AMD-12](#)

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

Record Identifier P01..... [AMD-13](#)

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

Record Identifier J01 [AMD-14](#)

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

Record Identifier A01 [AMD-15](#)

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

Record Identifier B01..... [AMD-17](#)

The Bill of Lading Transaction Record provides data element descriptions and format requirements for transmitting manifest and bill of lading data.

Record Identifier B02..... [AMD-19](#)

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..... [AMD-23](#)

The Bill of Lading Reference Identifier record is used to provide auxiliary identifier information for an ocean bill of lading,

Record Identifier S01 [AMD-25](#)

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 [AMD-26](#)

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 [AMD-27](#)

The Shipper Telephone/Telex Record provides data element descriptions and format requirements for transmitting the shipper's telephone/telex number.

Record Identifier U01 [AMD-28](#)

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 [AMD-29](#)

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 [AMD-30](#)

The Consignee Telephone/Telex Record provides data element descriptions and format requirements for transmitting the consignee's telephone/telex number.

Record Identifier N00 [AMD-31](#)

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 [AMD-34](#)

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 [AMD-35](#)

The Entity Address Record provides data element descriptions and format requirements for transmitting lines two and three of the entity's address.

Record Identifier N03 [AMD-36](#)

The Notify Party Telephone/Telex Record provides data element descriptions and format requirements for transmitting the Notify Party's telephone/telex number.

Record Identifier I01..... [AMD-37](#)

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

Record Identifier I02..... [AMD-39](#)

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

Record Identifier C01 [AMD-40](#)

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 C02 [AMD-42](#)

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 D00 [AMD-43](#)

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

Record Identifier D01 [AMD-44](#)

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

Record Identifier D02 [AMD-45](#)

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

Record Identifier V01 [AMD-46](#)

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

Record Identifier V02 [AMD-48](#)

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

Record Identifier V03 [AMD-49](#)

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

Record Identifier ZCR .. [AMD-50](#)

The Transaction Control Trailer (ZCR) Record provides data element descriptions and format requirements for the record ending a transaction file.

TRANSACTION PROCESSING

This chapter describes manifest output records used by U.S. Customs and Border Protection (CBP) to provide a Port Authority or Service Bureau with a copy of data previously received and successfully processed as part of an original manifest submission or manifest amendment. Each Automated Manifest Download transaction contains the data for a single Bill of Lading. Thus, a manifest input submission containing multiple Bill(s) of Lading may result in multiple Automated Manifest Download transmissions to the appropriate Port Authority or Service Bureau. The output 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.

Automated Manifest Download transactions will use the Application Identifier (on ACR record) of “DC”. This chapter provides descriptions and format requirements for each data element contained within each output record. Refer to the section Output Record Usage Map for a layout of mandatory and conditional records and looping structures.

For Manifest Amendments containing Hazardous Material, it is possible to receive another HAZMAT Download with the VID, H1, and H2 segments that were previously reported from the original manifest submission. The HAZMAT data from the Amendment should supersede that from the original HAZMAT Download.

General Rules for Output Transmissions from CBP:

- Spaces are transmitted in all data elements marked ‘filler’.
- CBP transmits **ONLY** uppercase ENGLISH alphabetic data.
- CBP transmits **ONLY** displayable characters found on a standard keyboard. Low-values, carriage return characters, or other non-standard characters shall not be transmitted.

OUTPUT RECORD USAGE MAP

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

Since shippers, consignees, and notify parties may for privacy reasons request CBP not to distribute name and address information, this data will be “sanitized” as necessary within the corresponding Bill of Lading party information records. In such cases, the values in each field of the Name and Address records (S01, S02, S03, U01, U02, U03, N01, N02, and N03) will be replaced with the word “SANITIZED”.

The following table illustrates how the output records will be structured within an Automated Manifest Download transmission. Additional notes are provided for clarification on looping structures.

Automated Manifest Download (DC) 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	
M01	Manifest	M	1		
B04	Manifest Reference Identifier	C	1		
	Port Grouping	M		1	
P01	Port	M	1		
	Issuer Grouping	M		1	
J01	Issuer Code	M	1		
	Amendment Grouping	C		1	1
A01	Amendment	M	1		
	Bill of Lading Grouping	C		1	1
B01	Bill of Lading Transaction	M	1		
B02	Bill of Lading Transaction	M	1		
B04	Bill of Lading Reference Identifier	C	999		
	Shipper Grouping	M		1	2
S01	Shipper Name/Address	M	1		
S02	Shipper Address	C	1		
S03	Shipper Telephone/Telex	C	1		
	Consignee Grouping	C		1	2
U01	Consignee Name/Address	M	1		
U02	Consignee Address	C	1		
U03	Consignee Telephone/Telex	C	1		
	Notify Party Grouping	C		3	2
N01	Notify Party Name/Address	M	1		

Customs Automated Manifest Interface Requirements – Ocean ACE MI

<u>N02</u>	Notify Party (Entity) Address	C	1															
<u>N03</u>	Notify Party Telephone/Telex	C	1															
	Entity Grouping	C		25	2													
<u>N00</u>	Entity Name	M	1															
	In-bond Grouping	C		1														
<u>I01</u>	In-bond	M	1															
<u>I02</u>	In-bond	C	1															
	Bill of Lading Container Grouping	M		999														
<u>C01</u>	Bill of Lading Container	M	1															
<u>C02</u>	Bill of Lading Container – Motor Vehicle Control	C	9999															
	Cargo Description Grouping	M		999	3													
<u>D00</u>	Harmonized Nomenclature	C	999															
<u>D01</u>	Bill Cargo Description	M	999															
<u>D02</u>	Marks and Numbers	M	999															
	HAZMAT Grouping	C		99	4													
<u>V01</u>	Hazardous Material	M	1															
<u>V02</u>	Hazardous Material	C	1															
<u>V03</u>	Hazardous Material	C	2															
<u>ZCR</u>	Transaction Control Trailer	M	1															

Designation: M = Reporting Mandatory; C = Reporting Conditional

Note 1:

For original manifest submissions, the Automated Manifest Download transmission will include the bill of lading transaction records (B01 through V03), and the Amendment record (A01) is not provided.

For amendment to delete or replace a bill of lading quantity, the A01 alone is included, and B01 through V03 are not included in this case. 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).

Example – Original Manifest Submission Download:

- M01
- P01
- J01
- B01
- B02
- S01
- U01
- C01
- D01
- D02

Note 1 – Continued:

Example – Manifest Amendment [Delete] Download:

M01
P01
J01
A01

Example – Manifest Amendment [Add] Download:

M01
P01
J01
A01
B01
B02
S01
U01
C01
D01
D02

Note 2:

All manifest transmissions will include the shipper name and address information; additionally, the name and address will be included for either the consignee or at least one notify party. The S01/S02/S03 record loop is used for shipper information, the U01/U02/U03 record loop is used for consignee information, and the 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 record loop is used to report information for secondary notify parties (SNP, Z1) and Customs Brokers (CB).

The following example illustrates use of the various possibilities for party reporting:

Example:

S01 (Shipper)
S02
S03
U01 (Consignee)
U02
U03
N01 (Notify Party 1)
N02
N03
N01 (Notify Party 2)
N02
N03
N00 (Secondary Notify Party [SNP or Z1])

Note 3:

A maximum of 999 Cargo Description (D01) records may be included 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 included for each container record. The D02 records typically follow associated D01 record(s).

The Cargo Description Grouping structure allows for various possibilities as illustrated in the examples below:

Example 1:

C01
D00
D00
D01
D01
D01
D02
D02

Example 2:

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

Example 3:

C01
D01
D02
D00
D01
D01
D02
D02
D02

Note 4:

Hazardous Material information (V01-V03) is included 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.

Record Identifier ACR

Transaction Control Header Record

This record signals the beginning of a transaction file.

Record Identifier ACR					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3A	1-3	M	Must always equal ACR.	
ACE MI User Code	4AN	4-7	M	A code representing the CBP-assigned port authority or service bureau.	
Filler	6AN	8-13	M	Space fill.	
Application Identifier	2A	14-15	M	A code representing the type of application detail data contained within the block. Always equal to DC.	
Date	6N	16-21	M	A date in YYMMDD (year, month, day) format representing the date of processing.	
Time	6N	22-27	M	A time in HHMMSS (hours, minutes, seconds) format representing the time of processing. Eastern Standard/Daylight Time will be reported.	
Batch Number	5N	28-32	M	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.	
Filler	48AN	33-80	M	Space fill.	

Record Identifier M01

Manifest Record

This is a mandatory record used to transmit vessel information and specific manifest data.

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 importing carrier/MVOCC/NVOCC.	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)	
Vessel Country Code	2A	10-11	M	An International Organization for Standardization (ISO) country code representing the flag country of the vessel. Refer to CAMIR Appendix G for valid codes.	
Vessel Name	23AN	12-34	M	The vessel name.	
Voyage Number	5AN	35-39	M	The voyage number.	
Filler	5AN	40-44	M	Space fill.	
Manifest Sequence Number	6N	45-50	M	The manifest sequence number. This number is an optional carrier-assigned sequence number. The system-generated default is one (000001).	
Filler	1AN	51	M	Space fill.	
Vessel Code	7AN	52-58	C	International Maritime Organization (IMO) Code issued by Lloyds representing the importing vessel. Data will be returned if provided in inbound message.	
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 B04

Manifest Reference Identifier

This is a conditional record used to return a Unique Voyage Identifier associated with the Manifest record (M01). This record is included only if provided in the original manifest input submission.

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. Will always be set to V3 for Unique Voyage Identifier.	
Reference Identifier	30AN	7-36	M	This field is used to return the Unique Voyage Identifier for the manifest. The field will be at least 5 characters in length, where the first 4 characters is the SCAC for the Vessel Operator.	
Filler	44AN	37-80	M	Space fill.	

Record Identifier P01

Port Record

This is a mandatory record used to transmit port data.

Record Identifier P01					
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.	
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.

Record Identifier J01					
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 returned when an ACE M1 participant amends the manifest quantity, or adds or deletes a bill of lading. The A01 record is not included for original manifest submissions.

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	<i>I</i>
Bill of Lading Sequence Number	12AN	13-24	M	The bill of lading sequence number. Does not include the issuer code as it is contained in the associated J01 record.	
Quantity	10N	25-34	C	Returns the new bill of lading quantity if the action code is R on this record.	
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 has been added to the database files of the associated manifest. The appropriate data elements required for the following records will be transmitted in the download:

Bill of Lading Transaction (B01)
 Bill of Lading Transaction (B02)
 Bill of Lading Reference Identifier (B04)
 Shipper Name/Address (S01)
 Shipper Address (S02)

Note 1 – Continued:

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)
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, the B01 through V03 records are NOT transmitted for the bill being deleted or updated.
- If the action code is D, the bill of lading status has been changed to 'Deleted' in the database files of the associated manifest.
- If the action code is R, the quantity at the bill level has been 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. This element only accepts 3 alphas	
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	

Customs Automated Manifest Interface Requirements – Ocean ACE MI

Record Identifier B01					
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 bill 2 = Empty equipment instruments of international trade (If '2' used, C01 Load/Empty Status Code must be 'E'). B = Regular Bill Foreign Retained On Board (FROB) M = Master Vessel Operating Common Carrier (MVOCC) N = Non Vessel Opr. Common Carrier (NVOCC) O = Master Vessel Operating Common Carrier - FROB (MVOCC-FROB) P = Non-Vessel Operating Common Carrier - FROB (NVOCC-FROB) Q = Regular Bill FROB + Importer Security Filing R = House FROB + Importer Security Filing S = House Bill + Importer Security Filing (where the Master BOL is Type 62/63 In-bond) T = In-bond Type 62/63 with Importer Security Filing</p>	
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 1 = MIB</p>	
Filler	31AN	50-80	M	Space fill.	

Record Identifier B02

Bill of Lading Transaction Record

This record is mandatory when an ACE M1 participant adds a bill of lading as part of an original manifest submission or manifest amendment. This record identifies up to two secondary notify parties nominated to receive an electronic duplicate of the bill status sent to the primary ACE M1 participant. Additional SNP's may be shown in the N00 record. The secondary notify parties must have established communications links with ACE M1.

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. No decimals.	
Volume Unit	2A	14-15	C	A code representing the unit of volume. This data element is returned 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	C	A valid city or country name in which the carrier first took possession of the cargo destined to the U.S. This field is returned for paperless manifest participants.	
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.	

Record Identifier B02					
Data Element	Length/ Class	Position	Status	Description	Note
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.	
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.	1
Method of Payment for Transportation	3AN	60-62	C	Code identifying the method of payment for transportation to U.S.	2
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:

A code that specifies the method or type of transportation for the shipment. 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 2:

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

Note 2 - Continued:

Code	Description
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
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
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

Note 2 - Continued:

Code	Description
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. This record is included only if provided in the original manifest input submission or manifest amendment.

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. 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
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
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
OB	Ocean Bill of Lading

Note 1 - Continued:

Code	Description
OL	Identifies the original bill when the bill of lading has been split after initial loading.
OM	Ocean Manifest
OW	Service Order Number
PK	Packing List Number
PN	Permit Number
PO	Purchase Order Number
SI	Shipper's Identifying Number for Shipment (SID)
SO	Shipper's Order (Invoice Number)
ST	Store Number
SW	Seller's Sale Number
ULC	UNLOCCode
VA	Vessel Agent Number
WU	Vessel
WY	Waybill Number
XC	Cargo Control Number
XP	Previous Cargo Control Number
ZE	Coal Authority Number
ZZ	Mutually Defined

Note 2:

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.

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, in the B04 record positions 7 to 21. There will be no embedded hyphens, dashes or other special characters. The required format for a Mexican Pedimento Number is as follows:

yyppbbbbdddddd

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

Record Identifier S01

Shipper Name/Address Record

This is a mandatory record when an ACE M1 participant adds a bill of lading as part of an original manifest submission or manifest amendment. The S01 record is used to transmit the shipper's name and the first line of the address.

The S01 record is not included in manifest amendments to delete a bill of lading or amend the manifest quantity.

Record Identifier S01					
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 record is included only if provided in the original manifest input submission or manifest amendment.

Record Identifier S02					
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 a conditional record used to transmit the telephone or telex number of the shipper. This record is included only if provided in the original manifest input submission or manifest amendment.

Record Identifier S03					
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. The word <i>TELEX</i> will be placed before the telex number. For the telephone number, only the number will be returned. If neither number is available, the S03 record may return a fourth address line if provided in the inbound message.	
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 record is included only if provided in the original manifest input submission or manifest amendment.

Record Identifier U01					
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 a conditional record used to transmit lines two and three of the consignee's address data. This record is included only if provided in the original manifest input submission or manifest amendment.

Record Identifier U02					
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 consignee's address, if available.	
Consignee Address, Line 3	35X	39-73	C	The consignee's address, if available.	
Filler	7AN	74-80	M	Space fill.	

Record Identifier U03

Consignee Telephone/Telex Record

This is a conditional record used to transmit the telephone or telex number of the consignee. This record is included only if provided in the original manifest input submission or manifest amendment.

Record Identifier U03					
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. The word <i>TELEX</i> will be placed before the telex number. For the telephone number, only the number will be returned. If neither number is available, the U03 record may return a fourth address line if provided in the inbound message.	
Filler	42AN	39-80	M	Space fill.	

Record Identifier N00

Entity Name Record

This is a conditional record used to return entity type, name, and code for a Secondary Notify Party or Customs Broker. This record is included only if provided in the original manifest input submission or manifest amendment. The maximum number of times the record may be repeated is twenty-five (25) times.

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. CB Customs Broker SNP or Z1 Party to Receive Status An organization that will receive information about a transaction	1
Entity Name	35AN	7-41	C	A free form text for name of entity.	
Code Qualifier	2AN	42-43	C	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. If positions 4-6, Entity Code = SNP or Z1, then Code Qualifier '2' is used in positions 42-43 (NOTE: The leading numeric 2 will 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.	
ID Code	17AN	44-60	C	A code related to preceding Code Qualifier data element. This code is returned if the Code Qualifier is '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:

Code Description

B5 Affiliated Company
 BK Bank
 BKP Booking Party
 Importer Security Filing
 Requirement

Code Description

BN Beneficial Owner
 BO Broker or Sales Office
 BS Bill and Ship To
 BT Bill-to-Party
 BY Buying Party (Purchaser)

Note 1- Continued:

Code	Description	Code	Description
C1	In Care Of Party no. 1	HW	Designated Hazardous Waste Facility
C2	In Care Of Party no. 2	HX	Transporter of Hazardous Waste
CA	Carrier	I1	Interested Party
CB	Customs Broker	IC	Intermediate Consignee
CD	Consignee (To Receive Mail and Small Parcels)	IF	International Freight Forwarder
CE	Consignee (To receive large parcels and freight)	IK	Intermediate Carrier
CF	Subsidiary/Division	IM	Importer
CG	Carnet Issuer	J3	Broker's Assistant
CI	Consignor	J6	Power of Attorney
CJ	Automated Data Processing (ADP) Point	JV	Joint Owner
CL	Container Location	JW	Joint Venture
CN	Consignee	LA	Attorney
CP	Party to Receive Cert. of Compliance	LL	Location of Load Exchange (Export)
CQ	Corporate Office	MA	Party for whom Item is Ultimately Intended
CR	Container Return Company	MC	Motor Carrier
CS	Consolidator	MF	Manufacturer of Goods
D8	Dispatcher	MO	Release Drayman
DA	Delivery Address	MQ	Metering Location
DB	Distributor Branch	N1	Notify Party no. 1
DC	Destination Carrier	N2	Notify Party no. 2
DF	Material Disposition Authorization Location	OB	Ordered By
DH	Doing Business As	OO	Order Of (Shippers Orders) - (Transportation)
DM	Destination Mail Facility	OP	Operator of property or unit
DR	Destination Drayman	OR	Origin Drayman
DS	Distributor	OW	Owner of Property or Unit
DT	Destination Terminal	OY	Owner of Vehicle
DU	Resale Dealer	PE	Payee
DV	Division	PF	Party to Receive Freight Bill
DW	Downstream Party	PJ	Party to Receive Correspondence
DX	Distiller	PK	Party to Receive Copy
EH	Exhibitor	PL	Party to Receive Purchase Order
EV	Selling Agent	PM	Party to receive paper Memo of Invoice
EX	Exporter	PN	Party to Receive Shipping Notice
FN	Filer Name	PO	Party to Receive Invoice for Goods or Services
FQ	Pier Name	PR	Payer
FS	Final Scheduled Destination	PU	Party at Pick-up Location
FW	Forwarder	PW	Pick Up Address

Note 1- Continued:

Code	Description
RD	Destination Intermodal Ramp
RO	Original Intermodal Ramp
SD	Sold To and Ship To
SE	Selling Party
SF	Ship From
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
PW	Pick Up Address
SS	Steamship Company
ST	Ship To Importer Security Filing Requirement
SU	Supplier/Manufacturer
T3	Terminal Location
T4	Transfer Point
T6	Terminal Operator
TR	Terminal
TT	Transfer To
UC	Ultimate Consignee
V1	Surety
WH	Warehouse
XR	Mexican Customs Broker
XU	United States Customs Broker
Z1	Party to Receive Status
ZF	Break Bulk Point

Record Identifier N01

Notify Party Name/Address Record

This is a conditional record used to return the notify party's name and the first line of the address. This record is included only if provided in the original manifest input submission or manifest amendment. The maximum number of times the Notify Party Grouping may be repeated is three (3) times.

Record Identifier N01					
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 record is included only if provided in the original manifest input submission or manifest amendment.

Record Identifier N02					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal N02	
Notify Party's Address Line	35X	4-38	M	The notify party's address, if available.	
Notify Party's Address Line	35X	39-73	C	The notify party's address, if available.	
Filler	7AN	74-80	M	Space fill.	

Record Identifier N03

Notify Party Telephone/Telex Record

This is a conditional record used to transmit the telephone or telex number of the Notify Party. This record is included only if provided in the original manifest input submission or manifest amendment.

Record Identifier N03					
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. The word <i>TELEX</i> will be placed before the telex number. For the telephone number, only the number will be returned. If neither number is available, the N03 record may return a fourth address line if provided in the inbound message.	
Filler	42AN	39-80	M	Space fill.	

Record Identifier I01

In-bond Record

This is a conditional record used to transmit in-bond data. This record is included only if provided in the original manifest input submission or manifest amendment.

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	Values are “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.	
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 will be returned.	
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, 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 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. This data element is always greater than zero.	

Customs Automated Manifest Interface Requirements – Ocean ACE MI

Record Identifier I01					
Data Element	Length/ Class	Position	Status	Description	Note
Bonded Carrier ID	12X	38-49	M	The identification (ID) number of the original bonded carrier, including any embedded hyphens. Valid formats for importer number are: NN-NNNNNNXX = Internal Revenue Service Number; YYDDPP-NNNNN = CBP assigned Number; or NNN-NN-NNNN = Social Security Number	
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 will be returned.	
Filler	20AN	61-80	M	Space fill.	

Record Identifier I02

In-bond Record

This is a conditional record used to transmit waterborne export data for the U.S. Bureau of the Census if I01 In-bond Entry Type is '62' or '63'. This record is included only if provided in the original manifest input submission or manifest amendment.

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 C01

Bill Container Record

This record is mandatory when an ACE M1 participant adds a bill of lading as part of an original manifest submission or manifest amendment. This record is used to return the container/equipment number and seal numbers associated with a bill of lading. Cannot exceed 999 containers (C01's) per bill of lading. There will 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 precedes the D00, D01, and D02 cargo description records for commodities associated with container/equipment. 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 No.	14AN	4-17	M	A valid container/equipment number associated with a bill of lading. This field will indicate NC for non-containerized freight.	
Seal Number 1	15AN	18-32	C	A valid exporter/carrier seal number associated with the container/equipment.	
Seal Number 2	15AN	33-47	C	A valid exporter/carrier seal number associated with the container/equipment.	
Container/Equipment Description Code	2AN	48-49	C	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.	
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.	
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.	
Container/Equipment Type	4AN	71-74	C	A code identifying the type of container/equipment. Refer to CAMIR Appendix M for valid codes.	

Customs Automated Manifest Interface Requirements – Ocean ACE MI

Record Identifier C01					
Data Element	Length/ Class	Position	Status	Description	Note
Load/Empty Status Code	1A	75	C	A code which specifies the loaded condition of the transportation equipment. Valid status codes are: E = Empty L = Loaded	
Type of Service Code	2AN	76-77	C	A code specifying the extent of transportation service required. Valid codes are: 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	
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.

Record Identifier C02					
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 return Harmonized Tariff information for a commodity. This record is included only if provided in the original manifest input submission or manifest amendment. 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	C	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.	
Filler	1AN	14-14	M	Space fill.	
Value	8N	15-22	C	A value greater than zero, in whole dollars, of the commodity. No decimals.	
Weight	10N	23-32	C	A value greater than zero representing the net weight of the commodity. No decimals.	
Weight Unit	2A	33-34	C	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	
Filler	46AN	35-80	M	Space fill.	

Record Identifier D01

Bill Cargo Description Record

This record is mandatory when an ACE M1 participant adds a bill of lading as part of an original manifest submission or manifest amendment. This record is used to return the description of the cargo. Up to 999 D01 records may exist per Bill Container (C01) 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	C	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.	1
Description	45X	14-58	M	A description of the cargo. Multiple description lines may be used for one container record. Every D01 record will have data in the description.	
Filler	14AN	59-72	M	Space fill.	
Manifest Unit Code	3AN	73-75	C	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.	
Country Code	2AN	76-77	C	An International Organization for Standardization (ISO) country code representing the country of origin of the commodity.	
Filler	3AN	78-80	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 will 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 M1 participant adds a bill of lading as part of an original manifest submission or manifest amendment. This record is used to return information regarding marks and numbers. 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.	
Filler	32AN	49-80	M	Space fill.	

Record Identifier V01

Hazardous Material Record

This record is mandatory when an ACE MI 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. The V01 record is included only if provided in the original manifest input submission or manifest amendment. 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	C	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	C	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	C	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
4	46 Level DOT Code
6	Airline Tariff 6D
9	Title 49 Code of Federal Regulations
A	International Civil Aviation
D	Hazardous Materials ID DOT
E	Endorsement
F	Air Force Regulation 71-4
I	International Maritime Organization (IMO) Code issued by Lloyds
R	Bureau of Explosives 600-A
U	United Nations

Of the above, the most commonly used codes are I and U.

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. This record is included only if provided in the original manifest input submission or manifest amendment.

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	M	A value representing the lowest temperature at which the vapor of a hazardous combustible liquid will ignite in the air. When returned, the Flashpoint Temperature is a whole number. No decimals.	
Unit of Measure Code	2A	7-8	M	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. This record is included only if provided in the original manifest input submission or manifest amendment.

Record Identifier V03					
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 ZCR

Transaction Control Trailer Record

This record signals the end of a transaction file.

Record Identifier ZCR					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3A	1-3	M	Must always equal ZCR.	
ACE MI User Code	4N	4-7	M	A code representing the CBP-assigned port authority or service bureau.	
Filler	6AN	8-13	M	Space fill.	
Application Identifier	2AN	14-15	M	Output application identifier. Always equal to DC.	
Filler	19AN	16-34	M	Space fill.	
Number of Transaction Detail Records	5N	35-39	M	The total number of records transmitted (excludes the ACR and ZCR).	
Filler	41AN	40-80	M	Space fill.	