

Export Manifest – 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-3](#)

OUTPUT RECORD USAGE MAP [AMD-4](#)

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

RECORD DESCRIPTIONS

Record Identifier ACR [AMD-9](#)

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

Record Identifier M01 [AMD-10](#)

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

Record Identifier M02.... [AMD-12](#)

The Manifest Continuation Record provides data element descriptions and format requirements for transmitting a Voyage Number that is more than 5 characters in length..

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 export 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 export manifest and bill of lading data.

Record Identifier B04..... [AMD-22](#)

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

Record Identifier N00 [AMD-25](#)
The Entity Name Record provides data element descriptions and format requirements for transmitting a party by type of organization, name, and code.

Record Identifier N02 [AMD-28](#)
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-29](#)
The Notify Party Telephone/Telex Record provides data element descriptions and format requirements for transmitting the Notify Party's telephone/telex number.

Record Identifier N04 [AMD-30](#)
The Administrative Communications Contact Record provides the name and communications number of a contact.

Record Identifier C01 [AMD-31](#)
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-33](#)
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 C03 [AMD-34](#)
The Additional Seal Number(s) Record provides data element descriptions and format requirements for transmitting additional seal number(s) associated with a specific container.

Record Identifier D00 [AMD-35](#)
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-36](#)
The Bill Cargo Description Record provides data element descriptions and format requirements for transmitting descriptions of the cargo.

Record Identifier D02 [AMD-37](#)
The Marks and Numbers Record provides data element descriptions and format requirements used to specify information regarding marks and numbers.

Record Identifier V01 [AMD-38](#)
The Hazardous Material Record provides data element descriptions used to specify information relating to hazardous materials.

Record Identifier V02 [AMD-40](#)
The Hazardous Material Record provides data element descriptions used to specify additional information relating to hazardous materials.

Record Identifier V03 [AMD-41](#)
The Hazardous Material Record provides data element descriptions used to specify additional data relating to V01 and V02 records.

Record Identifier ZCR .. [AMD-42](#)
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 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 Export Manifest submission or Export Manifest amendment. Each Automated Manifest Download transaction contains the data for a single Bill of Lading. Thus, an Export 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. For Standalone House BOL submissions, the Automated Manifest Download will be triggered when the complete manifest is received for the associated Master BOL; Standalone House BOL additions or updates received after the complete manifest will be reflected in the Automated Manifest Download as amendments to the manifest.

The output records provide all identifying information for the Export Manifest, bill of lading, reference information, shipper and consignee, notify parties, 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.

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 Export 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 (N00 through N04) 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		
M02	Manifest Continuation Record	C	1		
	Port Grouping	M		1	
P01	Port	M	1		
	Issuer Grouping	M		1	
J01	Issuer Code	M	1		
	Amendment Grouping	C		1	<i>I</i>
A01	Amendment	M	1		
	Bill of Lading Grouping	C		1	<i>I</i>
B01	Bill of Lading Transaction	M	1		
B02	Bill of Lading Transaction	M	1		
B04	Bill of Lading Reference Identifier	C	999		
	Entity Grouping	C		25	2
N00	Entity Name	M	1		
N02	Entity Address	C	2		
N03	Entity Geographic Area	C	1		
N04	Administrative Communication Contact	O	1		
	Bill of Lading Container Grouping	M		999	
C01	Bill of Lading Container	M	1		
C02	Bill of Lading Container – Motor Vehicle Control	C	9999		
C03	Additional Seal Number(s)	C	5		
	Cargo Description Grouping	M		999	3
D00	Harmonized Nomenclature	C	999		
D01	Bill Cargo Description	M	999		

D02	Marks and Numbers	M	999												
	HAZMAT Grouping	C		99	4										
V01	Hazardous Material	M	1												
V02	Hazardous Material	C	1												
V03	Hazardous Material	C	2												
ZCR	Transaction Control Trailer	M	1												

Designation: M = Reporting Mandatory; C = Reporting Conditional

Note 1:

For original Export 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 Export Manifest Submission Download:

- M01
- P01
- J01
- B01
- B02
- N00
- N02
- N03
- N00
- N02
- N03
- C01
- D01
- D02

Example – Export Manifest Amendment [Delete] Download:

- M01
- P01
- J01
- A01

Note 1 – Continued:

Example – Export Manifest Amendment [Add] Download:

M01
P01
J01
A01
B01
B02
N00
N02
N03
N00
N02
N03
C01
D01
D02

Note 2:

All Export Bills of Lading will include the shipper name and address information; additionally, the name and address will be provided for either the consignee or at least one notify party. The N00/N02/N03/N04 record loop is used to provide name and address information for the shipper (SH), consignee (CN), notify parties (N1, N2), and/or secondary notify parties (SNP). For Secondary Notify Party (SNP), only the N00 record is provided. For 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 the various possibilities for party reporting:

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 3:

A maximum of 999 Cargo Description (D01) records will be included for each container record. One or more D01 records will 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 will 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.	
AMS 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 Export 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 exporting 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 name of the exporting vessel as documented in the "Lloyds Registry of Ships".	
Voyage Number	5AN	35-39	C	The voyage number provided with the Export Manifest. Voyage numbers more than 5 characters in length will be returned on the M02 record.	
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 exporting vessel. Data will be returned if provided in inbound message.	
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. In the case of water carriers who own their containers, the SCAC is issued by the Intermodal Association of North America located at 6410 Kenilworth Ave., Suite 108, Riverdale, MD 20737.

Record Identifier M02

Manifest Continuation Record

This is a conditional record used to transmit a Voyage Number that is more than 5 characters in length.

Record Identifier M02					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal M02.	
Carrier-Assigned Batch Number	30AN	4-33	M	Space fill – not used for the DC transaction.	
Voyage Number (expanded)	30X	34-63	M	This field will be populated (instead of the M01 Voyage Number field) when voyage number is more than 5 characters in length.	
Filler	17AN	64-80	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 Departure	4N	4-7	M	Port of Departure of the vessel from the U.S. Refer to Census Schedule D in CAMIR Appendix E 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 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 Export Manifest amendment being transmitted. This record is returned when an ACE trade participant amends the manifest quantity, or adds or deletes a bill of lading. The A01 record is not included for original Export 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 exporting carrier/MVOCC/NVOCC.	
CBP Port	4N	8-11	M	A code representing the port of departure of the vessel from the U.S. Census Schedule D, in CAMIR Appendix E 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	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 Export Manifest. 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 Export 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)
 Entity Name/Address (N00)
 Notify Party Address (N02)
 Entity Geographic Area (N03)
 Notify Party Administrative Communications Contact (N04)

Note 1 – Continued:

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, 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 Export 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 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.

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 of Unlading	5N	16-20	M	Foreign Port of Unlading. Refer to Census Schedule K in CAMIR Appendix F 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. Piece count units are given in the D01 record. The total number of D01 record piece counts for the bill of lading will equal the amount in the manifest quantity data field. No decimals.	
Manifest Unit Code	5X	31-35	M	A code representing the manifest unit of measure. Refer to Appendix N for valid manifest units.	
Weight	10N	36-45	M	The gross weight as a whole number; no decimals or fractions.	
Weight Unit	2A	46-47	M	A code representing the unit of measure. Valid codes are: LB = Pounds KG = Kilograms LT = Long Ton ST = Short Ton ET = Metric Ton MT = Measurement Ton	

Record Identifier B01					
Data Element	Length/ Class	Position	Status	Description	Note
Bill of Lading Status Indicator	1X	48	M	A code representing the status of the bill of lading. Valid codes are: 0 or space = Regular bill 2 = Empty equipment instruments of international trade (If '2' used, C01 Load/Empty Status Code must be 'E'). M = Master Vessel Operating Common Carrier (MVOCC) N = Non Vessel Opr. Common Carrier (NVOCC)	
Filler	32AN	49-80	M	Space fill.	

Record Identifier B02

Bill of Lading Transaction Record

This record is mandatory when an ACE trade participant adds a bill of lading as part of an original Export Manifest submission or Export 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 trade participant. Additional SNP's will be shown in the N00 record. The secondary notify parties must have established communications links with ACE.

The B02 record is not included in Export 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 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.	
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.	
Foreign Port of Destination	5N	53-57	M	First Foreign Port of Destination. Refer to Census Schedule K in CAMIR Appendix F	

Record Identifier B02					
Data Element	Length/ Class	Position	Status	Description	Note
				for valid codes. If not specified in Schedule K, use a generic Schedule K code for all Canadian provinces and Mexican states.	
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
Filler	18AN	63-80	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
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

Note 2 - Continued:

Code	Description
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
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 Export Manifest input submission or Export Manifest amendment. The maximum number of times the record loop will 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.

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. Code qualifier values that are less than 3 characters in length will be left-justified.	1, 2
Reference Identifier	30AN	7-36	M	The reference identifier corresponding to the code qualifier.	2
Filler	44AN	37-80	M	Space fill.	

Note 1:

For Valid qualifier codes:

See Draft 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”, UNLOCODE) 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 to provide 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 with Reference Qualifier ‘BM’ to provide a Bill of Lading Sequence Number longer than 12 characters. Issuer will not be included since Issuer is contained in the preceding J01 record.

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 Export Manifest input submission or Export Manifest amendment. The maximum number of times the record will be repeated is twenty-five (25) times.

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

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 BKP Booking Party Importer Security Filing Requirement CN Consignee N1 Notify Party no. 1 N2 Notify Party no. 2 SH Shipper ST Ship To Ship To Name and Address (Importer Security Filing Requirement) SNP Secondary Notify Party 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. Space fill.	
Entity ID Code	2AN	63-64	C	For future use. Space fill.	
Filler	16AN	65-80	M	Space fill.	

Note 1:

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

Note 1- Continued:

Code	Description
PW	Pick Up Address
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
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 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 Export Manifest input submission or Export Manifest amendment.

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

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

Entity Geographic Area Record

This is a conditional record used by participants to report a geographic area associated with an entity. This record is included only if provided in the original Export Manifest input submission or Export Manifest amendment.

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

<i>Record Identifier N03</i>					
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 G for valid ISO Country codes.	
Filler	45AN	36-80	M	Space fill.	

Record Identifier N04

Administrative Communications Contact-Notify Party Record

This is a conditional record used by participants to identify a person or office to which administrative communications should be directed. This record is included only if provided in the original Export Manifest input submission or Export Manifest amendment.

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

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

Note 1:

Valid Communications Number Qualifier Codes are:

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

Record Identifier C01

Bill Container Record

This record is mandatory when an ACE trade participant adds a bill of lading as part of an original Export Manifest submission or Export 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 Export 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.	

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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 trade participants. This record is included only if provided in the original Export Manifest input 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.

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 C03

Additional Seal Number(s) Record

This is a conditional record used to transmit additional Seal Number(s) for a specific container (if reported with the original Export Manifest submission). Up to 5 C03 records may exist per Container/Equipment (C01) record. This record is included only if provided in the original Export Manifest input submission or Export Manifest amendment.

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

Record Identifier C03					
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 carrier seal number associated with the container.	
Seal Number	15AN	19-33	C	A valid carrier seal number associated with the container.	
Seal Number	15AN	34-48	C	A valid carrier seal number associated with the container.	
Seal Number	15AN	49-63	C	A valid carrier seal number associated with the container.	
Filler	17AN	64-80	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 Export Manifest input submission or Export 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.

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

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 trade participant adds a bill of lading as part of an original Export Manifest submission or Export 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 Export 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 trade participant adds a bill of lading as part of an original Export Manifest submission or Export 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 Export 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 trade 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 Export Manifest input submission or Export Manifest amendment. 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.

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 Export Manifest input submission or Export Manifest amendment.

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

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 Export Manifest input submission or Export Manifest amendment.

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

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.	
AMS 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.	