

CBP Automated Manifest Interface Requirements

Status Notification from CBP

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U.S. Customs and
Border Protection



Status Notifications from Customs and Border Protection

Provides descriptions and format requirements for each data element contained within a transaction record transmitted to a carrier, NVOCC, port authority, or service bureau by the U.S. Customs and Border Protection (CBP) or other Federal agency indicating the current status of a bill of lading or vessel.

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TRANSACTION PROCESSING

Status Notification messages are transmitted from the U.S. Customs and Border Protection (CBP) to the carrier, NVOCC, port authority, terminal operators, container freight stations, ISF filers, or service bureau's informing them of the most current status of a Bill of Lading or a vessel (for example, an entry has been received for the cargo, a CBP or other Federal agency hold has been removed, the goods have been sent to General Order, or a vessel has been arrived).

Under this system, delivery authorized is a condition rather than a message. The carrier may deliver the merchandise as soon as the following four conditions are met:

- The cargo has arrived
- Entry has been filed
- Examination has been completed
- All holds have been removed.

A status notification may pertain to a Bill of Lading, a specific container for the Bill of Lading, or a Conveyance-level Event.

For Bill of Lading status notifications, the outbound transaction will include Manifest and Bill of Lading details, the Container Number (for status notifications that apply to a specific container), the Disposition Code and other information related to the status notification (such as Entry Number, FIRMS code, and Bonded Carrier Name), and conditional remarks. The outbound transaction also includes Container and Seal information on all containers for the given Bill of Lading. Refer to CAMIR Appendix D for a complete list of disposition codes and an explanation for each code.

For Conveyance-level Event notifications, the outbound transaction will include Manifest identification information along with the Event Code, and Date and Time of the Conveyance-level Event. Conveyance-level Event notifications are intended to provide information to the MVOCC about the arrival of a vessel, the placing/removal of a hold on the vessel or equipment, or a listing of un-manifested containers included in a Vessel Stow Plan submission.

This chapter provides descriptions and format requirements for each data element contained within each record of a Status Notification transaction. This outbound transaction has an Application Identifier (on ACR record) of "RC" and is formatted according to the prescribed record formats as outlined in this chapter. Refer to the section on 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.

GENERATION OF STATUS NOTIFICATION MESSAGES

The variable release window is a restriction placed on the generation of status notification messages based on the relation of the creation date of the manifest or amendment and the posting (system) date of the action. Normally, status notifications for bills in a manifest or amendment transmitted more than five days before the estimated date of vessel arrival (EDA) are withheld until five days prior to EDA.

- If a manifest or amendment is transmitted five, four, three, or two days prior to the EDA, the notifications are not withheld.
- If the manifest or amendment is transmitted one day prior to the EDA, or after the EDA if the vessel has not been arrived in ACE M1, the notifications are withheld until the vessel has been arrived.

The following chart explains the Variable Release Window logic:

X = System (posting) date
Y = Create date
W = Withheld
S = Send

Y

X

	-0	0	1	2	3	4	5
-0	W	W	W	S	S	S	S
0	W	W	W	S	S	S	S
1	W	W	W	S	S	S	S
2	W	W	W	S	S	S	S
3	W	W	W	S	S	S	S
4	W	W	W	S	S	S	S
5	W	W	W	S	S	S	S
6	W	W	W	S	S	S	S

OUTPUT RECORD USAGE MAPS

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

The following tables illustrate how the output records will be structured within a Status Notification transaction. Additional notes are provided for clarification on looping structures.

Bill of Lading Status Notification (RC) 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 Header Grouping	M		1																
M01	Manifest Header	M	1																	
	Manifest Grouping	M		1																
R01	Manifest	M	1		1															
	Issuer Grouping	M		1																
J01	Issuer Code	M	1																	
	Bill of Lading Status Notification Grouping	M		9999																
R02-1	Bill of Lading Status Notification	M	1		2															
R02-2	Bill of Lading Status Notification Continuation	C	1		2															
B04	Reference Identifier	C	999		3															
R03	Status Notification Remarks	C	2		4															
R05	Bill of Lading Container	C	999		5															
ZCR	Transaction Control Trailer	M	1																	

Designation: M = Reporting Mandatory; C = Reporting Conditional

Conveyance-level Event Notification (RC) 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 Header	M	1							
R01	Manifest	M	1		1					
	Conveyance-level Event Grouping	M		1						
R06	Conveyance Event Detail	M	1		6					
	Container Grouping	C		99999	7					
C01	Container/Equipment	M	1							
C02	Container/Equipment – Additional Information	C	1							
R03	Status Notification Remarks	M	1		4					
ZCR	Transaction Control Trailer	M	1							

Designation: M = Reporting Mandatory; C = Reporting Conditional

Note 1:

The R01 provides manifest and port information and is mandatory for both Bill of Lading Status Notifications and Conveyance-level Events.

Note 2:

For Bill of Lading Status Notifications, there must be at least one R02 record for each R01 record, but there may be multiple R02 records for each R01 record. The R02 Bill of Lading Status Notification (Continuation) is a conditional record that provides the FIRMS code and the Bonded Carrier Name.

Note 3:

For Bill of Lading Status Notifications, the B04 Reference Identifier is a conditional record that is used if reference data elements were included in the original bill of lading input (MI/AI).

Note 4:

The Status Notification Remarks Record (R03) is a conditional record that can provide remarks such as reasons for a hold being placed. The Status Notification Remarks record can be included in either a Bill of Lading Status Notification or a Conveyance-level Event Notification.

Note 5:

For a Bill of Lading Status Notification, the Bill of Lading Container (R05) Record is a conditional record that provides all Container numbers and associated Seal numbers for the Bill of Lading.

Note 6:

For Conveyance Event Notifications, the Conveyance Event Detail Record (R06) is a mandatory record that provides information relating to the arrival of a vessel in port, information that a vessel is overdue for arrival, notification that a Conveyance-level or Equipment-level hold has been placed or removed, or a listing of un-manifested containers included within a Vessel Stow Plan submission.

Note 7:

For Conveyance Event Notifications, the Container/Equipment (C01) record can be used to identify equipment on which a hold has been placed or removed; in this usage, there can be only 1 C01 record, and the C02 record is not returned.

The Conveyance Event, Container Grouping can also be used to provide a listing of un-manifested containers included within a Vessel Stow Plan submission; in this usage, the C01 can repeat up to 99999 times, with 1 C02 record per C01 record.

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 M1 User Code	4AN	4-7	M	A code representing the carrier, CBP-assigned port authority, or service bureau.	
Filler	6AN	8-13	M	Space fill.	
Application Identifier	2A	14-15	M	A code representing the type of application detail data contained within the block. Always equal to RC.	
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 should 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 Header 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/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) 20 = Rail	
Vessel Country Code	2A	10-11	M	An International Organization for Standardization (ISO) country code representing the flag country of the vessel.	
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	O	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	1AN	59-59	M	Space fill.	
Manifest Type Code	1AN	60-60	M	Code identifying the type of manifest transmitted. Valid codes are: 3 = Status Notification Related to Importer Security Filing (ISF) 4 = Status Notification Related to Vessel Stow Plan Space fill otherwise.	
Filler	20AN	61-80	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 R01

Manifest Record

This is a mandatory record used to transmit necessary header data to identify the manifest for which the status information is being transmitted.

Record Identifier R01					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal R01.	
Carrier Code	4AN	4-7	M	A SCAC representing the importing carrier.	
CBP Port	4N	8-11	M	A code representing the U.S. Customs and Border Protection (CBP) port of lading/unlading. See Census Schedule D in CAMIR Appendix E for valid port codes.	
Vessel Name	23X	12-34	M	The name of the importing/exporting vessel as documented in the "Lloyds Registry of Ships".	
Voyage Number	5X	35-39	M	The voyage number provided with the manifest.	
Manifest Sequence Number	6N	40-45	C	A code representing the manifest sequence number. This number is an optional, carrier-assigned sequence number. The default is one (000001). It may be a date. Once transmitted, it cannot be changed. All subsequent transmissions for the manifest must use the original manifest sequence number.	
Estimated Date	6N	46-51	C	A date in YYMMDD (year, month, day) format representing the scheduled date of arrival/departure at this port.	
Filler	29AN	52-80	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.

<i>Record Identifier J01</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal J01.	
Issuer Code	4AN	4-7	M	The SCAC of the issuer of the bill(s) of lading. The actual bill of lading number is the combination of this code and the bill of lading sequence number transmitted on the R02 record.	
Filler	73AN	8-80	M	Space fill.	

Record Identifier R02*Bill of Lading Status Notification Record*

This is a mandatory record used to transmit Status Notification information relating to a particular Bill of Lading. This record can be repeated as many times as necessary.

Record Identifier R02					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must equal R02.	
Bill of Lading Sequence Number	12AN	4-15	M	The bill of lading sequence number. The sequence number must be unique for the issuer (not repeated within three years). This data element does not contain the issuer code; the issuer is included in the preceding J01 record.	
Disposition Code	2AN	16-17	M	A code advising the carrier, NVOCC, port authority, service bureau, exporter, or agent of the posting action taken on a bill of lading, or export transaction. The first character identifies the posting agency and the second identifies the transaction. Refer to the CAMIR Appendix D for valid disposition codes.	
Quantity	10N	18-27	C	The quantity associated with the Disposition Code. Quantity can be partial amount for release.	
Entry Type	2N	28-29	C	A code representing the category of entry. See CAMIR Appendix B for valid entry type codes.	
Entry Number	15AN	30-44	C	The CBP entry number, form number (e.g., CBP Form 3299), a regulatory provision, or an in-bond number.	
Action Date	6N	45-50	M	A date in YYMMDD (year, month, day) format representing the date on which the action was authorized by CBP or another Federal Agency.	
Action Time	4N	51-54	M	A time in HHMM (hour, minute) 24-hour clock format representing the time that the release (or other posting action) was authorized. Eastern Standard/Daylight time will be returned.	
Filler	12AN	55-66	M	Space fill.	
Negative Indicator	1X	67	C	A code N is used when a negative quantity is associated with a disposition code of 1A, 1B or 1C. If not, space fill.	
Line Delimiter	1AN	68	C	A code 1 indicates there is a second R02 record. Space filled if there is no continuation record.	

Record Identifier R02					
Data Element	Length/ Class	Position	Status	Description	Note
Re-send Indicator	1AN	69	C	A code Y is used when a HOLD disposition code in R02.Disposition Code is re-sent as a result of a change in Port of Unlading, Vessel Name, IMO Code, or when a Secondary Notify Party has been added to the bill. Space filled if disposition is not being re-sent.	
Filler	10AN	70-80	M	Space fill.	

Record Identifier R02 (Continuation)*Bill of Lading Status Notification (Continuation) Record*

This is a conditional record used to transmit Status Notification information relating to a particular bill of lading. The R02 Continuation record can be included once per R02 record.

Record Identifier R02 (Continuation)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal R02.	
Port of Transaction	4N	4-7	C	The CBP port code. See Census Schedule D in CAMIR Appendix E for valid port codes.	
FIRMS Code	4N	8-11	C	A Facilities Information and Resources management Systems (FIRMS) code representing the location of goods. For Permit to Transfer Status Notifications, the FIRMS code is the same as that transmitted on the T01 input record.	
U.S. Port of Destination/ Intermediate Destination	4N	12-15	C	A code representing the CBP port of termination for an IT (61) entry, or the port of exportation for a T&E (62) entry. When used with Record Identifier B03, this code is the port of destination for the second or subsequent in-bond. See CAMIR Appendix E for valid port codes.	
Foreign Destination	5N	16-20	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.	
Filler	3AN	21-23	M	Space fill.	
Container Number	14AN	24-37	C	A valid container number associated with the bill of lading. The container number must reflect the number exactly as it physically appears on the container.	1
Reference Identifier Qualifier	3AN	38-40	C	A code indicating the type of reference qualifier. The character code qualifier is left justified. Valid codes are: 8S – Broker Initiating In-bond – Future Use OB – Ocean Bill of Lading Number BN – Booking Number	2
Reference Identifier	30AN	41-70	C	The reference identifier corresponding to the code qualifier	3
Filler	10AN	71-80	M	Space fill.	

Note 1:

The R02 Container Number field will be returned for “Container-level” Status Notifications which are specific to a given Container for a Bill of Lading. When the R02 Container Number field is not populated, then the Status Notification is assumed to apply to the entire Bill of Lading.

Note 2:

The first occurrence of any of the reference qualifiers 8S (Future Use), OB, or BN is reported on the R02 Continuation record. If more than one of these applies, additional values are reported on the Reference Identifier record (B04). A Secondary Notify Party (SNP) can only be reported using the B04 record.

Note 3:

For Reference Identifier Qualifier "8S", the Reference Identifier is the filer code of the broker initiating an in-bond move against the bill. The filer code is 3 alpha/numeric, left justified in the R02 Continuation record positions 41 to 43. – Future Use

For Reference Identifier Qualifier "OB", the Reference Identifier is the Master bill of lading number. The Master Bill of Lading is 5 to 16 characters in length, left justified in the R02 Continuation record positions 41 to 56.

For Reference Identifier Qualifier “BN”, the Reference Identifier is the Booking Number.

Record Identifier B04

Reference Identifier

This is a conditional record that will appear following the R02 (Continuation) record and will contain reference data that was included in the Bill of Lading input (MI) transaction received by CBP. Maximum use is 999.

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	A code indicating the type of reference qualifier. The character code qualifier is left justified. Valid codes are: 7U = ISF Transaction Reference Number 8S = Broker Initiating In-bond – Future Use OB = Ocean Bill of Lading Number BN = Booking Number CR = User Defined Reference Number FC = Agent/Filer Code (for Importer Security Filing) SNP= Secondary Notify Party	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:

The first occurrence of any of the reference qualifiers 8S (Future Use), OB, or BN is reported on the R02 Continuation record. If more than one of these applies, additional values are reported on the Reference Identifier record (B04).

A Secondary Notify Party (SNP) is returned using the B04 record.

The Reference Identifier Qualifiers FC (Filer Code) and 7U (ISF Transaction Reference Number) are returned on the B04 record and are only applicable to status notifications being returned to the ISF filer.

Note 2:

For Reference Identifier Qualifier "8S", the Reference Identifier is the filer code of the broker initiating an in-bond move against the bill. The filer code is 3 alpha/numeric characters, left justified in the B04 record positions 7 to 9. – Future Use

Note 2 - Continued:

For Reference Identifier Qualifier "OB", the Reference Identifier is the Master bill of lading number. The Master Bill of Lading is 5 to 16 characters in length, left justified in the B04 record positions 7 to 22.

For Reference Identifier Qualifier "BN", the Reference Identifier is the Booking Number.

For Reference Identifier Qualifier "FC", the Reference Identifier is the Agent/filer code provided in the Importer Security Filing. The Agent/filer code is 3 or 4 alpha/numeric characters, left justified in the B04 record positions 7 to 10.

For Reference Identifier Qualifier "SNP", the Reference Identifier is the SCAC identifying a Secondary Notify Party for the Bill of Lading. The SCAC is 4 alpha/numeric characters, left justified in the B04 record positions 7 to 10.

Record Identifier R03

Status Notification Remarks Record

This is a conditional record used to transmit remarks relating to the posting to a Bill of Lading or Conveyance-level Event.

<i>Record Identifier R03</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal R03.	
Remarks	30X	4-53	M	This is a free form field that allows CBP to return pertinent information.	
Filler	47AN	54-80	M	Space fill.	

Record Identifier R05*Bill of Lading Container Record*

This is a conditional record used to identify all containers associated with the bill of lading for which a status of notification is issued. There is a maximum use of 999 Bill of Lading Container (R05) records for each Bill of Lading Status Notification (R02) Record.

Record Identifier R05					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must equal R05.	
Container Number	14AN	4-17	M	A valid container number associated with a bill of lading.	
Seal Number 1	15AN	18-32	C	A valid carrier seal number associated with the container.	
Seal Number 2	15AN	33-47	C	A valid carrier seal number associated with the container.	
Filler	33AN	48-80	M	Space fill.	

Record Identifier R06*Conveyance Event Detail Record*

This is a conditional record used to notify an ACE M1 participant of the status of a vessel.

Record Identifier R06					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	3AN	1-3	M	Must always equal R06.	
Event Code	3AN	4-6	M	<p>A code identifying the event about which the notification is made. Valid codes are as follows:</p> <p>Vessel Arrival events: AAD = Arrival of vessel OCA = Arrival overdue COC = Arrival Cancelled</p> <p>Hold events: HMI = Hold vessel/equipment HRE = Release vessel/equipment</p> <p>Vessel Stow Plan events: ACC = All Loads Manifested INC = Not Manifested</p>	
Action Date	6N	7-12	O	A date in YYMMDD (year, month, day) format representing the date on which CBP or another federal agency authorized the action or the date the action was scheduled to occur.	
Action Time	4N	13-16	O	A time in HHMM (hour, minute) 24-hour clock format representing the time the original transmission to CBP was processed. Eastern Standard/Daylight Time should be reported.	
Filler	64AN	17-80	M	Space fill.	

Record Identifier C01

Container/Equipment Record

This is a conditional record used to notify an ACE M1 participant of the status of equipment on the Vessel Stowage Plan. In this usage, the C01 record will be repeated as needed, up to 99999 times.

This record is also used to identify equipment on which a hold has been placed or removed; in this usage, there can be only 1 C01 record.

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 Vessel Stowage Plan where the container/equipment has been listed as loaded but no manifest exists for it in ACE M1.	
Seal Number 1	15AN	18-32	M	Space fill.	
Seal Number 2	15AN	33-47	M	Space fill.	
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. Space filled for the INC (Not Manifested) status notification for Vessel Stow Plan.	
Container/ Equipment Length	5N	50-54	M	Space fill.	
Height	8X	55-62	M	Space fill.	
Width	8X	63-70	M	Space fill.	
Container/ Equipment Type	4AN	71-74	M	Space fill.	
Load/Empty Status Code	1A	75	M	A code which specifies the loaded condition of the transportation equipment. Valid status codes are: E = Empty L = Loaded	
Type of Service Code	2AN	76-77	M	Space fill.	
Filler	3AN	78-80	M	Space fill.	

Record Identifier C02*Container Record Continuation*

This is a conditional record used to notify an ACE M1 participant of the status of equipment on the Vessel Stowage Plan. There may be 1 C02 record per C01 record.

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	Space fill.	
Filler	1AN	34	M	Space fill.	
Container Operator Line	4AN	35-38	C	A SCAC representing the Container Operator Line.	
Foreign Port	5N	39-43	C	Code representing the foreign port in which the container/equipment was laden onboard the conveyance. See Census Schedule K in CAMIR Appendix F for valid foreign port codes.	
Factory Car Order Number	10AN	44-53	M	Space fill.	
Filler	27AN	54-80	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 M1 User Code	4N	4-7	M	A code representing the carrier, 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 RC.	
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.	