

# CBP Automated Manifest Interface Requirements

Permit to Transfer

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# Permit to Transfer

*Provides descriptions and format requirements for each data element contained within a transaction record authorizing a permit to transfer (PTT) movement.*

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**RECORD DESCRIPTIONS**

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## **TRANSACTION PROCESSING**

The request and authorization procedures for within port movements of cargo have been streamlined through the use of electronic requests for Permit to Transfer (PTT). The ACE M1 client provides the bill of lading number, container number, FIRMS code of the destined transfer location and bonded carrier identification number. The results of processing the request are routed to the carriers, MVOCC's and NVOCC's in current output sets and the authorization for a PTT movement is routed to them in a current notification set.

Each Permit to Transfer (T01 record) processed will cause ACE M1 to generate Bill of Lading Status Notification records (Record Identifier R02). One R02 record with the disposition code provides the bill number, the container associated with the permit to transfer, and the other information normally associated with the R02 record. The second R02 message provides the port of processing, the FIRMS code, and the Bonded Carrier Name for those bills that have PTT authorization.

PTT's requests will not be authorized against bills of lading in a "held" status.

Permit to Transfer transactions are reported using an Application Identifier (on ACR record) of "TP". The corresponding outbound response Application Identifier (on ACR record) is "TR".

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

General Rules for Input Transmissions and Responses from U.S. Customs and Border Protection (CBP):

- Spaces are transmitted in all data elements marked 'filler'.
- Transmit ONLY uppercase ENGLISH alphabetic data.
- Transmit ONLY displayable characters found on a standard keyboard. Low-values, carriage return characters, or other non-standard characters must NOT be transmitted.

## INPUT RECORD USAGE MAP

The following table illustrates how the automated interface expects repeating groups to be structured within a Permit to Transfer message. Additional notes are provided for clarification on looping structures.

### Permit to Transfer (TI) Record Usage Map:

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
<b><u>ACR</u></b>	Transaction Control Header	M	1		
	Manifest Grouping	M		99	
<b><u>M01</u></b>	Manifest	M	1		
<b><u>M02</u></b>	Manifest Continuation Record	C	1		
	Port Grouping	M		1	
<b><u>P01</u></b>	Port	M	1		
	Issuer Grouping	M		9999	
<b><u>J01</u></b>	Issuer Code	M	1		
	Permit to Transfer Grouping	M		9999	
<b><u>T01</u></b>	Permit to Transfer	M	1		<i>1</i>
<b><u>T02</u></b>	Permit to Transfer Continuation	C	1		
<b><u>ZCR</u></b>	Transaction Control Trailer	M	1		

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

### **Note 1:**

The Permit to Transfer Record (Record Identifier T01) is required for PTT transactions.

## OUTPUT RECORD USAGE MAP

The M01, M02, and P01 are always returned in the response from CBP. Additionally, the following “group header” records will conditionally be returned in the response message when one or more errors is determined for any record within that group: J01 and T01. When one or more error(s) are determined as a result of processing a given transaction, each record in-error is returned in the response message and is immediately followed by one or more Error records (W01) describing the nature of the error. The Message Acceptance/Rejection record (W02) provides summary information on number of PTT’s accepted/rejected, and is included at the end of a response transaction prior to the ZCR record.

Conditional output records and fields will be populated only if the corresponding records and fields were included in the inbound Permit to Transfer transmission.

The following table illustrates how ACE M1 expects repeating groups to be structured within a Permit to Transfer response (TR). Additional notes are provided for clarification on looping structures.

### Outbound Response for Permit to Transfer (TR) Record Usage Map:

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
<b>ACR</b>	Transaction Control Header	M	1		
	Manifest Grouping	M		99	1
<b>M01</b>	Manifest	M	1		2
<b>W01</b>	Error Record	C	10		
<b>M02</b>	Manifest Continuation Record	C	1		2
<b>W01</b>	Error Record	C	10		
	Port Grouping	M		1	
<b>P01</b>	Port	M	1		2, 3
<b>W01</b>	Error Record	C	10		3
	Issuer Grouping	M		9999	
<b>J01</b>	Issuer Code	M	1		4
<b>W01</b>	Error Record	C	10		
	Permit to Transfer Grouping	M		9999	5
<b>T01</b>	Permit to Transfer	M	1		6
<b>W01</b>	Error Record	C	10		
<b>T02</b>	Permit to Transfer Continuation	C	1		
<b>W01</b>	Error Record	C	10		
<b>W01</b>	Error Record	C	10		8
<b>W02</b>	Message Acceptance/Rejection	M	1		7
<b>ZCR</b>	Transaction Control Trailer	M	1		

Designation: **M** = Reporting Mandatory; **C** = Reporting Conditional

**Note 1:**

When Permit to Transfer (TI) transactions are received with multiple Manifest groupings in a single input message, a separate outbound response is generated for each separate Manifest grouping (M01 through T02 records), each with its own Transaction Control Header and Trailer records.

**Note 2:**

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

**Note 3:**

For an error at the Manifest level (M01 or M02), all PTT's will be rejected, and each Port record (P01) is returned in the response message immediately followed by an Error record (W01) with error code 102, indicating "NO BILLS PROCESSED FOR PORT".

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

**Note 4:**

For an error at the Issuer record (J01) level, all PTT's for the given Issuer will be rejected. The J01 will be returned in the response message followed by each PTT record (T01) for the Issuer and one or more Error record(s) (W01) describing the error conditions.

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

**Note 5:**

For an error on a specific PTT grouping (records T01 and T02), only the affected PTT is rejected, and processing continues to the next PTT within the same Issuer group.

**Note 6:**

For error(s) on any T02 record for a given PTT grouping, the T01 record for that PTT will be returned in the response message prior to the record(s) in error.

**Note 6 - Continued:**

For error(s) on the T01 record, the T01 record will be returned in the response message, followed by 1 or more W01 records describing the specific error condition(s); if present, the T02 record within that group will still be validated and if in error, returned in the response, followed by 1 or more W01 records.

**Note 7:**

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

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

**Note 8:**

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



## Record Identifier ACR

### Transaction Control Header Record

This record signals the beginning of a transaction file.

<b>Record Identifier ACR</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
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. For Permit to Transfer input transactions, set to TI. In the outbound response messages, Application Identifier is TR.	
Date	6N	16-21	C	A date in YYMMDD (year, month, day) format representing the date of processing.	1
Time	6N	22-27	C	A time in HHMMSS (hours, minutes, seconds) format representing the time of processing. Eastern Standard/Daylight Time should be reported.	1
Batch Number	5N	28-32	C	A CBP-generated 5-position numeric code from 00001 to 99999. The batch number is used in conjunction with the date of transmission to uniquely identify a user transmission.	1
Filler	48AN	33-80	M	Space fill.	

### Note 1:

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

## Record Identifier M01

### Manifest Record

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

<b>Record Identifier M01</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	3AN	1-3	M	Must always equal M01.	
Carrier Code	4AN	4-7	M	A Standard Carrier Alpha Code (SCAC) representing the automated carrier/MVOCC/NVOCC initiating the PTT.	1
Mode of Transportation Code	2N	8-9	M	A code indicating the type of vessel used to carry the manifested cargo. Valid codes are:  10 = Vessel, non-container, or unable to determine if container (Including Lightered, Land Bridge and LASH) 11 = Vessel Containerized (Container)  This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted.	
Vessel Country Code	2A	10-11	M	An International Organization for Standardization (ISO) country code representing the flag country of the vessel. Refer to CAMIR Appendix G for valid codes. This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted.	
Vessel Name	23AN	12-34	C	A valid vessel name entered using no slashes. This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted. The vessel name will always be populated in the response transmission from CBP when either the Vessel Name or Vessel Code is provided in the input transaction.	

<b>Record Identifier M01</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Voyage Number	5AN	35-39	M	The voyage number entered using no slashes. This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted.	
Filler	5AN	40-44	M	Space fill.	
Manifest Sequence Number	6N	45-50	C	The manifest sequence number. This number is a carrier-assigned sequence number. The system-generated default is one (000001). This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted.	
Filler	1AN	51	M	Space fill.	
Vessel Code	7AN	52-58	C	International Maritime Organization (IMO) Code issued by Lloyds representing the importing vessel. This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted.	
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](http://www.NMFTA.org) . In the case of water carriers who own their containers, the SCAC is issued by the Intermodal Association of North America located at 6410 Kenilworth Ave., Suite 108, Riverdale, MD 20737.

## Record Identifier M02

### *Manifest Continuation Record*

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

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

## Record Identifier P01

### Port Record

This is a mandatory record used to transmit port data.

<b>Record Identifier P01</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	3AN	1-3	M	Must always equal 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. This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted.	
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. This element will not be validated by CBP during electronic data exchange. Data will be returned as transmitted.	
Filler	67AN	14-80	M	Space fill.	

## Record Identifier J01

### *Issuer Code Record*

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

<b>Record Identifier J01</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	3AN	1-3	M	Must always equal 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 T01 record.	
Filler	73AN	8-80	M	Space fill.	

## Record Identifier T01

### Permit to Transfer Record

This is a mandatory record used to transmit bill of lading information needed to process a Permit to Transfer request. This record can be repeated as many times as necessary up to 9999 records.

<b>Record Identifier T01</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	3AN	1-3	M	Must always equal T01.	
Bill of Lading Sequence Number	12AN	4-15	M	The bill of lading number for which the PTT is being requested must already be on file in ACE M1 as a viable bill. The transfer request cannot be made in the original manifest transmission.	
Container Number	14AN	16-29	C	A valid container number associated with the bill of lading. The container number must be exactly as it physically appears on the container. If the container number is left blank, the default is that a PTT authorization will be issued for all containers associated with that bill. Not valid to report against non-containerized (NC) cargo.	
FIRMS Code	4AN	30-33	M	The Facilities Information and Resources Management System (FIRMS) code representing the location of the goods. The FIRMS location must be bonded and on file in ACE M1.	
Bonded Carrier ID	12X	34-45	M	The identification (ID) number of the bonded carrier. It must include any embedded hyphens. Valid importer formats are:  NN-NNNNNNXX = IRS Number, YYDDPP-NNNNN= CBP assigned Number NNN-NN-NNNN = Social Security Number  The system will validate the ID is on file and has a valid Bond type. The bonded carrier ID must be on file in ACE M1 as an active bond.	
Free Form Text	30X	46-75	O	Additional remarks.	
Filler	5AN	76-80	M	Space fill.	

## Record Identifier T02

### *Permit to Transfer Continuation Record*

This is a conditional record used to transmit the PTT quantity when less than the full manifested quantity of the Bill of Lading.

<b>Record Identifier T02</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	3AN	1-3	M	Must always equal T02.	
PTT Quantity	10N	4-13	M	This field is required when reporting a PTT quantity less than the full BOL quantity. PTT Quantity cannot exceed full BOL quantity. No decimals.	1
Filler	67AN	14-80	M	Space fill.	

### **Note 1:**

Implemented with M1.



## Record Identifier W01 (Output Only)

### Error Record

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

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

### Note 1:

See CAMIR Change Log for future use.

## Record Identifier W02 (Output Only)

### Message Acceptance Record

This is a mandatory record used to return the cumulative result of a transmission to ACE M1. Output record only.

<b>Record Identifier W02</b>					
<b>Data Element</b>	<b>Length/Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	3AN	1-3	M	Must always equal W02.	
Carrier Code	4AN	4-7	M	A SCAC representing the automated carrier/MVOCC/NVOCC initiating the PTT.	
Date of Transmission	6N	8-13	M	A date in YYMMDD (year, month, day) format representing the date that the inbound transmission to CBP was processed. In most cases the date of processing and the date of transmission will be the same.	
Time of Transmission	6N	14-19	M	A time in HHMMSS (hour, minute, second) 24-hour clock format representing the time that the inbound transmission to CBP was processed. Eastern Standard/Daylight Time should be reported.	
Total Manifests Read	2N	20-21	M	The total number of manifests (M01 records) read on a given transmission.	
Total Ports Read	3N	22-24	M	The total number of ports (P01 records) read on a single transmission.	
Total Bills Read	5N	25-29	M	The total number of bills (T01 records) read on a single transmission.	
Total House Bills Read	5N	30-34	M	Zero filled. This field is not used by CBP.	
Total Amendments Read	5N	35-39	M	Zero filled for response to Permit to Transfer (TR).	
Total H01 Records Input	5N	40-44	M	Zero filled for response to Permit to Transfer (TR).	
Total Rejected	5N	45-49	M	The total number of Permits to Transfer (T01 record groupings) that were rejected for a single transmission.	
Total Accepted	5N	50-54	M	The total number of Permits to Transfer (T01 record groupings) that were accepted into the database.	
Total Records Read	5N	55-59	M	The total number of records read on a single transmission (excludes the ACR and ZCR).	
Filler	21AN	60-80	M	Space fill.	

## Record Identifier ZCR

### Transaction Control Trailer Record

This record signals the end of a transaction file.

<b>Record Identifier ZCR</b>					
<b>Data Element</b>	<b>Length/ Class</b>	<b>Position</b>	<b>Status</b>	<b>Description</b>	<b>Note</b>
Control Identifier	3A	1-3	M	Must always equal ZCR.	
ACE M1 User Code	4AN	4-7	M	A code representing the carrier, CBP-assigned port authority, or service bureau. Not validated upon input. ACE M1 User Code from the ACR record will be returned in response.	
Filler	6AN	8-13	M	Space fill.	
Application Identifier	2AN	14-15	C	Output application identifier. This data element is not included in input transactions (TI) but is returned to the ACE M1 participant in output transaction trailer records. Application Identifier is TR for response to TI.	
Filler	19AN	16-34	M	Space fill.	
Number of Transaction Detail Records	5AN	35-39	C	The total number of records transmitted (excludes the ACR and ZCR). Not validated upon input. Valid number will be returned in response.	
Filler	41AN	40-80	M	Space fill.	