MEDPID Person Identification Message

Introduction:

The message is used to pass detailed information on persons from, for instance, health insurance agencies to local government in order to verify, add, change or delete person related data in information systems. The message may also be used to transfer person information between various application systems within one organisation (i.e. hospital).

Usually detailed person related information for one or more persons is sent from one organisation to another who will acknowledge the message that is sent and proceed with changing, adding or deleting person data in their own files or use the transferred information to check their own registers and send a verification message back.

Notes:

The following notes are applicable to Customs and Border Protection (CBP) use only. This implementation guide adapts the MEDPID from a medical industry message to an Accounts Management message for the Trade and CBP use.

This Accounts Management message is to be used as an Implementation Guide to exchange account data between the Trade and Customs and Border Protection. The Trade can use this message to pre-register crew, conveyance, and equipment information for account setup.

To add crew, conveyance, and equipment information, an ACE ID or the following information is required:

Add Crew	Add Conveyance	Add Equipment
SCAC	SCAC	SCAC
First, last, and middle name (if middle name exists)	Conveyance Type	Equipment Type
Gender	Conveyance number/ID	Equipment number/ID
Date of Birth	VIN	License plate with state/province, country
Nationality	License plate with state/province, country	
Driver's License, State/Province and Country, Hazmat Endorsement	Transponder Number if it exists	
Provide the appropriate information: Laser visa/Border crossing card number Passport number with country Permanent resident card number with country U.S. visa number		

To deactivate information, the following are required:

Deactivate Crew	Deactivate Conveyance	Deactivate Equipment
ACE ID	ACE ID	ACE ID
Driver's license, state/province and country	Conveyance number/ID	Equipment number/ID

To modify information, the fields to deactivate plus only the changes are required.

Special Messaging constraints:

Limit messages to one category (crew, conveyance, or equipment) per message transmission. Multiple instances of crew, conveyance or equipment can be sent in a message, but do not mix categories in one message.

Limit one Interchange (UNB-UNZ) per message transmission.

Limit one message Group (UNG-UNE) per message transmission. However, to include UNG-UNE are strictly optional.

All elements included in this Guideline are considered usable unless identified otherwise in the element level gray notes.

Element delimiters used in this transaction should be + (plus).

Segment delimiter used in this transaction should be ' (single apostrophe).

A segment delimiter should be the last byte of data in the message transmission data stream.

Maximum allowable message transmission size is 4 megabytes (4194304 bytes) of data.

Alphanumeric fields should contain a sequence of any printable characters. Significant characters should be left justified. Leading spaces, when they occur, are assumed to be significant. Trailing spaces should not be included.

Definitions:

Conveyance Number/ID is the unique identification of conveyance. This is the vessel name or Lloyds Register of ships code, call sign & vessel flag, aircraft tail number, railroad engine number, or truck tractor license plate number.

Equipment Number is the number shown on the equipment including SCAC. This is the container number, railcar number, trailer number, or trailer license plate.

VIN is the vehicle identification number.

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
0020	UNB	Interchange Header	M	1		
0010	UNH	Message Header	M	1		
0020	BGM	Beginning of Message	M	1		
0060		Segment Group 1: PNA-ADR-CTA-COM-RFF-LAN	M		99	
0070	PNA	Party Name	M	1		
0130		Segment Group 2: GIS-PNA-ADR-RFF-DTM-IHC-NAT-FTX-LAN-HAN-LOC-FII-CTA-SG3-SG4-SG5	M		9999	
0140	GIS	General Indicator	M	1		
0150	PNA	Party Name	C	1		
0170	RFF	Reference	C	99		
0180	DTM	Date/Time/Period	C	9		
0190	IHC	Person Characteristic	C	9		
0200	NAT	Nationality	C	9		
0240	LOC	Place/Location Identification	C	9		
0270		Segment Group 3: PDI-DTM	C		9	
0280	PDI	Person Demographic Information	M	1		
0430		Segment Group 6: AUT-DTM	C		9	
0460	UNT	Message Trailer	M	1		

0050   UNZ   Interchange Trailer   M   1

Segment: **UNB** Interchange Header
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To identify an interchange.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

Data Element	Component Element	Name	Attributes	
S001		**SYNTAX IDENTIFIER**	**M**	**1**
		Identification of the agency controlling the syntax, the syntax level and version number, and the service code directory.		
	0001	**Syntax identifier**	**M**	**a4**
		Coded identification of the agency controlling the syntax, and of the character repertoire used in an interchange.		
		Always "UNOA" for UN/ECE level A		
	0002	**Syntax version number**	**M**	**an..1**
		Version number of the syntax.		
		Always "4" for Version 4		
	0080	**Service code list directory version number**	**C**	**an..6**
		Version number of the service code list directory.		
	0133	**Character encoding, coded**	**C**	**an..3**
		Coded identification of the character encoding used in the interchange.		
S002		**INTERCHANGE SENDER**	**M**	**1**
		Identification of the sending of the interchange.		
	0004	**Interchange sender identification**	**M**	**an..35**
		Name or coded identification of the sender of the interchange.		
		Enter SCAC		
	0007	**Identification code qualifier**	**C**	**an..4**
		Qualifier referring to the identification code.		
	0008	**Interchange sender internal identification**	**C**	**an..35**
		Identification (for example, a division, branch or computer system/process) specified by the sender of interchange, to be included if agreed, by the recipient in response interchanges, to facilitate internal routing.		
	0042	**Interchange sender internal sub-identification**	**C**	**an..35**
		Sub-level of sender internal identification, when further sub-level identification is required.		
S003		**INTERCHANGE RECIPIENT**	**M**	**an..35**
		Identification of the recipient of the interchange.		
	0010	**Interchange recipient identification**	**M**	**an..35**
		Name or coded identification of the recipient of the interchange.		
		"CBP-ACE" for production "CBP-ACE-TEST" for test		
	0007	**Identification code qualifier**	**C**	**an..4**
		Qualifier referring to the identification code.		
	0014	**Interchange recipient internal identification**	**C**	**an..35**

Identification (for example, a division, branch or computer system/process) specified by the sender of interchange, to be included if agreed, by the sender in response interchanges, to facilitate internal routing.

	0046	**Interchange recipient internal sub-identification**	C	an..35

Sub-level of recipient internal identification, when further sub-level identification is required.

S004		**DATE AND TIME OF PREPARATION**	M	1

Date of time of preparation of the interchange.

	0017	**Date**	M	n8

Local date when an interchange or a group was prepared

Enter local date in CCYYMMDD format

	0019	**Time**	M	n4

Local time of day when an interchange or a group was prepared.

Enter local time in HHMM format where HH is 00-23 and MM is 00-59

0020		**INTERCHANGE CONTROL REFERENCE**	M	1	an..14

Unique reference assigned by the sender to an interchange.

S005		**RECIPIENT REFERENCE/PASSWORD DETAILS**	C	1

Reference or password as agreed between the communicating partners.

Enter reference

	0022	**Recipient reference/password**	M	an..14

Reference or password to the recipient's system or to a third party network as specified in the partner's interchange agreement.

	0025	**Recipient reference/password qualifier**	C	an2

Qualifier for the recipient's reference or password.

0026		**APPLICATION REFERENCE**	C	an..14

Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message type, if all the messages in the interchange are of the same type.

0029		**PROCESSING PRIORITY CODE**	C	1	a1

Code determined by the sender requesting processing priority for the interchange.

0031		**ACKNOWLEDGEMENT REQUEST**	C	1	n1

Code requesting acknowledgement for the interchange.

0032		**INTERCHANGE AGREEMENT IDENTIFIER**	C	an..35

Identification by name or code of the type of agreement under which the interchange takes place.

0035		**TEST INDICATOR**	C	1	n1

Indication that the structural level containing the test indicator is a test.

Segment:	**UNH** Message Header
Position:	0010
Group:	
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	A service segment starting and uniquely identifying a message. The message type code for the Person identification message is MEDPID.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

Data Element	Component Element	Name	Attributes
0062		**MESSAGE REFERENCE NUMBER**	M an..14
		Unique message reference assigned by the sender.	
		Unique sender reference number.	
S009		**MESSAGE IDENTIFIER**	M
		Identification of the type, version etc. of the message being interchanged.	
	0065	**Message type identifier**	M an..6
		Code identifying a type of message and assigned by its controlling agency.	
		MEDPID	
	0052	**Message type version number**	M an..3
		Version number of a message type.	
		Report "D" for Draft	
	0054	**Message type release number**	M an..3
		Release number within the current message type version number (0052).	
		02A	
	0051	**Controlling agency**	M an..2
		Code identifying the agency controlling the specification, maintenance and publication of the message type.	
		Report "UN" for United Nations	
	0057	**Association assigned code**	C an..6
		Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	
0068		**COMMON ACCESS REFERENCE**	C an..35
		Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	
S010		**STATUS OF THE TRANSFER**	C
		Statement that the message is one in a sequence of transfers relating to the same topic.	
	0070	**Sequence message transfer number**	M n..2
		Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	
	0073	**First/last sequence message transfer indication**	C a1
		Indication used for the first and last message in a sequence of the same type of message relating to the same topic.	

Segment: # BGM Beginning of Message

Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment for specifying message name and function.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

Data Element	Component Element	Name	Attributes	
C002		**DOCUMENT/MESSAGE NAME**	C	
		Identification of a type of document/message by code or name. Code preferred.		
	1001	**Document/message name, coded**	C	an..3
		Document/message identifier expressed in code.		
	1131	**Code list qualifier**	C	an..3
		Identification of a code list.		
	3055	**Code list responsible agency, coded**	C	an..3
		Code identifying the agency responsible for a code list.		
	1000	**Document/message name**	C	an..35
		Plain language identifier specifying the function of a document/message.		
C106		**DOCUMENT/MESSAGE IDENTIFICATION**	C	
		Identification of a document/message by its number and eventually its version or revision.		
	1004	**Document/message number**	C	an7
		Reference number assigned to the document/message by the issuer.		
	1056	**Version**	C	an..9
		To specify the version number or name of an object.		
	1060	**Revision number**	C	an..6
		To specify a revision number.		
1225		**MESSAGE FUNCTION, CODED**	M	an1
		Code indicating the function of the message.		
		Always "9" for Original		
4343		**RESPONSE TYPE, CODED**	C	an..3
		Code specifying the type of acknowledgment required or transmitted.		

Segment:	**PNA** Party Name			
Position:	0070 (Trigger Segment)			
Group:	Segment Group 1 (Party Name)	Mandatory		
Level:	1			
Usage:	Mandatory			
Max Use:	1			
Purpose:	A segment identifying name and identification of a communication party (i.e. sender and receiver), and other parties associated with the message.			

Dependency Notes:
Semantic Notes:
Comments:
Notes:

Use of this Segment Group is mandatory.

DATA REQUIREMENTS:

It is used to report originator name. Please provide a party to contact with contact information in case of errors within this segment.

NOTES:

If more than 9999 crew, conveyance or equipment items needs to be sent, please send another MEDPID.

Data Element Summary

Data Element	Component Element	Name	Attributes	
3035		**PARTY QUALIFIER**	M	an..3
		Code giving specific meaning to a party.		
		Always "FY" for Current Sender		
C206		**IDENTIFICATION NUMBER**	C	
		The identification of an object.		
	7402	**Identity number**	M	an..35
		The number given to an object for its unique identification.		
	7405	**Identity number qualifier**	C	an..3
		Code specifying the type/source of identity number.		
	4405	**Status, coded**	C	an..3
		Provides information regarding a status.		
C082		**PARTY IDENTIFICATION DETAILS**	C	
		Identification of a transaction party by code.		
	3039	**Party id. Identification**	M	an..35
		Code identifying a party involved in a transaction.		
	1131	**Code list qualifier**	C	an..3
		Identification of a code list.		
	3055	**Code list responsible agency, coded**	C	an..3
		Code identifying the agency responsible for a code list.		
3403		**NAME TYPE, CODED**	C	an..3
		Code for type of name such as official name, alias.		
3397		**NAME STATUS, CODED**	C	an..3
		To specify the status of a name (such as current name).		
C816		**NAME COMPONENT DETAILS**	M	
		To specify a name component.		
	3405	**Name component qualifier**	M	an..3

		To indicate a part of the name such as family name or given name.		
		Always "7" for Full Name		
	3398	**Name component**	M	an..70
		Part of party name such as family name or given name.		
		Enter name and phone number of person to contact in case of errors.		
	3401	**Name component status, coded**	C	an..3
		To specify the status of a name component.		
	3295	**Name component original representation, coded**	C	an..3
		To specify the alphabet originally used to represent the name.		
C816		**NAME COMPONENT DETAILS**	C	
		To specify a name component.		
	3405	**Name component qualifier**	M	an..3
		To indicate a part of the name such as family name or given name.		
	3398	**Name component**	C	an..70
		Part of party name such as family name or given name.		
	3401	**Name component status, coded**	C	an..3
		To specify the status of a name component.		
	3295	**Name component original representation, coded**	C	an..3
		To specify the alphabet originally used to represent the name.		
C816		**NAME COMPONENT DETAILS**	C	
		To specify a name component.		
	3405	**Name component qualifier**	M	an..3
		To indicate a part of the name such as family name or given name.		
	3398	**Name component**	C	an..70
		Part of party name such as family name or given name.		
	3401	**Name component status, coded**	C	an..3
		To specify the status of a name component.		
	3295	**Name component original representation, coded**	C	an..3
		To specify the alphabet originally used to represent the name.		
C816		**NAME COMPONENT DETAILS**	C	
		To specify a name component.		
	3405	**Name component qualifier**	M	an..3
		To indicate a part of the name such as family name or given name.		
	3398	**Name component**	C	an..70
		Part of party name such as family name or given name.		
	3401	**Name component status, coded**	C	an..3
		To specify the status of a name component.		
	3295	**Name component original representation, coded**	C	an..3
		To specify the alphabet originally used to represent the name.		
C816		**NAME COMPONENT DETAILS**	C	
		To specify a name component.		
	3405	**Name component qualifier**	M	an..3
		To indicate a part of the name such as family name or given name.		
	3398	**Name component**	C	an..70
		Part of party name such as family name or given name.		
	3401	**Name component status, coded**	C	an..3
		To specify the status of a name component.		
	3295	**Name component original representation, coded**	C	an..3
		To specify the alphabet originally used to represent the name.		

Segment:	**GIS** General Indicator	
Position:	0140 (Trigger Segment)	
Group:	Segment Group 2 (General Indicator)	Mandatory
Level:	1	
Usage:	Mandatory	
Max Use:	1	
Purpose:	The segment is used to specify the type of data transferred and the subsequent action assumed to be taken by the receiver such as: - new data to be added (i.e. birth) - old data to be deleted (i.e. death) - modified data (i.e. marriage, address changes) - data to be verified.	

Dependency Notes:
Semantic Notes:
Comments:
Notes:

Use of this segment is mandatory.

DATA REQUIREMENTS:

It is used to describe:
the action to be taken (add, deactivate, or modify) and
the type of information being provided (crew, conveyance, or equipment)

NOTES:

Please refer to the beginning of document to determine which fields are required for the transaction you are performing.

This loop can be repeated 9999 times. If more than 9999 crew, conveyance or equipment items needs to be sent, please send another MEDPID.

When Group 2 loops, it includes Group 3 loop.

Data Element Summary

Data Element	Component Element	Name	Attributes	
C529		**PROCESSING INDICATOR**	**M**	
		Type of process indication.		
	7365	**Processing indicator, coded**	**M**	**an..3**
		Identifies the value to be attributed to indicators required by the processing system.		
		Report the appropriate action to be taken.		
		23 Add		
		129 Deactivate		
		36 Modify		
	1131	**Code list qualifier**	**C**	**an..3**
		Identification of a code list.		
	3055	**Code list responsible agency, coded**	**C**	**an..3**
		Code identifying the agency responsible for a code list.		
	7187	**Process type identification**	**M**	**an..17**
		Specification of a process or subprocess.		
		Report the type of information being provided.		
		1 Crew		
		2 Equipment		
		3 Conveyance		

Segment:	**PNA** Party Name		
Position:	0150		
Group:	Segment Group 2 (General Indicator)	Mandatory	
Level:	2		
Usage:	Conditional (Optional)		
Max Use:	1		
Purpose:	A segment identifying a person.		
Dependency Notes:			
Semantic Notes:			
Comments:			

Notes:

Use of this segment is conditional.

CONDITIONS:

This segment is used to add crew or modify crew name.
Otherwise, this segment is not used.

Data Element Summary

Data Element	Component Element	Name	Attributes	
3035		**PARTY QUALIFIER**	M	an..3
		Code giving specific meaning to a party.		
		Always "FM" Crew member		
C206		**IDENTIFICATION NUMBER**	C	
		The identification of an object.		
	7402	**Identity number**	M	an..35
		The number given to an object for its unique identification.		
	7405	**Identity number qualifier**	C	an..3
		Code specifying the type/source of identity number.		
	4405	**Status, coded**	C	an..3
		Provides information regarding a status.		
C082		**PARTY IDENTIFICATION DETAILS**	C	
		Identification of a transaction party by code.		
	3039	**Party id. identification**	M	an..35
		Code identifying a party involved in a transaction.		
	1131	**Code list qualifier**	C	an..3
		Identification of a code list.		
	3055	**Code list responsible agency, coded**	C	an..3
		Code identifying the agency responsible for a code list.		
3403		**NAME TYPE, CODED**	C	an..3
		Code for type of name such as official name, alias.		
3397		**NAME STATUS, CODED**	C	an..3
		To specify the status of a name (such as current name).		
C816		**NAME COMPONENT DETAILS**	M	
		To specify a name component.		
		Enter crew first name in this component.		
	3405	**Name component qualifier**	M	an..3
		To indicate a part of the name such as family name or given name.		
		2 First Name		
	3398	**Name component**	M	an..70

Part of party name such as family name or given name.

Report the crew first name. First 40 characters will be accepted. The rest will be truncated.

	3401	Name component status, coded	C	an..3

To specify the status of a name component.

	3295	Name component original representation, coded	C	an..3

To specify the alphabet originally used to represent the name.

C816		NAME COMPONENT DETAILS	C	

To specify a name component.

Enter crew full middle name in this component.
A full middle name is mandatory for anyone who has a middle name.

	3405	Name component qualifier	M	an..3

To indicate a part of the name such as family name or given name.

7   Full Middle Name

	3398	Name component	M	an..70

Part of party name such as family name or given name.

Report the crew full middle name. First 40 characters will be accepted. The rest will be truncated.

	3401	Name component status, coded	C	an..3

To specify the status of a name component.

	3295	Name component original representation, coded	C	an..3

To specify the alphabet originally used to represent the name.

C816		NAME COMPONENT DETAILS	M	

To specify a name component.

Enter crew last name in this component.

	3405	Name component qualifier	M	an..3

To indicate a part of the name such as family name or given name.

1   Last Name

	3398	Name component	M	an..70

Part of party name such as family name or given name.

Report the crew last name. First 40 characters will be accepted. The rest will be truncated.

	3401	Name component status, coded	C	an..3

To specify the status of a name component.

	3295	Name component original representation, coded	C	an..3

To specify the alphabet originally used to represent the name.

C816		NAME COMPONENT DETAILS	C	

To specify a name component.

	3405	Name component qualifier	M	an..3

To indicate a part of the name such as family name or given name.

	3398	Name component	C	an..70

Part of party name such as family name or given name.

	3401	Name component status, coded	C	an..3

To specify the status of a name component.

	3295	Name component original representation, coded	C	an..3

To specify the alphabet originally used to represent the name.

C816		NAME COMPONENT DETAILS	C	

To specify a name component.

3405	**Name component qualifier**	**M**	**an..3**

To indicate a part of the name such as family name or given name.

3398	**Name component**	**C**	**an..70**

Part of party name such as family name or given name.

3401	**Name component status, coded**	**C**	**an..3**

To specify the status of a name component.

3295	**Name component original representation, coded**	**C**	**an..3**

To specify the alphabet originally used to represent the name.

Segment:	# RFF Reference
Position:	0170
Group:	Segment Group 2 (General Indicator) Mandatory
Level:	2
Usage:	Conditional (Optional)
Max Use:	99
Purpose:	A segment to specify alternate identification numbers of the actual person.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	Use of this segment is mandatory.

DATA REQUIREMENTS:

For crew, it is used to report the following data:

- ACE ID
- Standard Carrier Alpha Code (SCAC)
- CDL/Commercial driver's license (does not include place of registration)
- Driver's license
- Laser visa/Border crossing card number
- Military ID document
- Passport number
- Permanent resident card number (does not include place of registration)
- U.S. passport card number
- NEXUS card
- U.S. Alien registration card
- Permanent resident card 1998-2003
- Visa non-immigrant
- SENTRI card
- U.S. merchant mariner document ID
- Native American Indian/INAC
- Citizenship document
- Other travel document ID
- DHS re-entry permit
- DHS refugee travel document
- Visa immigrant
- EDL/Enhanced driver's license
- Hazmat endorsement (Yes/No)

For equipment, it is used to report the following data:
- ACE ID
- Standard Carrier Alpha Code (SCAC)
- Equipment number/ID
- License plate number (does not include place of registration)

For conveyance, it is used to report the following data:
- ACE ID
- Standard Carrier Alpha Code (SCAC)
- Conveyance number/ID
- VIN number
- Transponder identification number
- License plate number (does not include place of registration)

NOTES:

CDL, EDL, Driver's license, Permanent resident card, and license plate registration state and country are reported in LOC Segment, position 0240.

The first four license plates will be accepted.

Please refer to the beginning of document to determine which fields are required for the transaction you are performing.

Data Element Summary

Data Element	Component Element	Name	Attributes
C506		**REFERENCE**	**M**
		Identification of a reference.	
		Use of this composite is mandatory.	
	1153	**Reference qualifier**	**M an..3**
		Code giving specific meaning to a reference segment or a reference number.	

AAZ	SCAC	
ABZ	License plate number	
ACE	Enhanced driver's license (EDL) ID (number)	
AEA	ACE ID	
AFZ	Native American Indian/INAC (number)	
AGF	Military ID document (number)	
AIG	Passport Number	
AKG	VIN number	
ALH	Hazmat endorsement	
ALR	U.S. alien registration card A2 (number)	
ALV	Secure Electronic Network for Travelers Rapid Inspection (SENTRI) card (number)	
AQW	Driver's license (number)	
AQY	U.S permanent resident card C1 (1998-2003)	
ARJ	U.S. passport card (number)	
ASX	U.S. alien registration card A1 (number)	
AUB	Visa immigrant (number)	
AVP	U.S. merchant mariner document ID (number)	
CDN	Citizenship document (expired 2009)	
CON	Certificate of naturalization (expired 2009)	
CR	Laser visa/Border crossing card (number)	
CRN	Conveyance number	
DM	NEXUS number	
EQ	Equipment number	
ET	Permanent resident card C2 (number)	
GN	Visa non-immigrant (number)	
OTD	Other travel document ID (expired 2009)	
REP	DHS re-entry permit (number)	
RTP	DHS refugee travel document (number)	
TN	Transponder identification number	
ZZZ	Commercial driver's license or driver's license (CDL)	

Codes CDN, CON, OTD are no longer valid single references. They may be used as supplementary reference codes if a valid single reference code is also provided.

	1154	**Reference number**	**M an..35**
		Identification number the nature and function of which can be qualified by an	

entry in data element 1153 Reference qualifier.

SCAC:
Standard Carrier Alpha Code
Format: 4 alphas

LICENSE PLATE NUMBER
Report only the alpha/numeric characters found on the license plate. Do not include any reference for the place of issue or registration. That information is reported in LOC0240

ENHANCED DRIVER'S LICENSE (EDL) ID (number)
Do not include any reference for the place of issue or registration. That Information is reported in LOC 0240.
Variable length. Maximum 20 positions

ACE ID
Format:10 positions

NATIVE AMERICAN INDIAN/INAC (number)
Do not include any reference for the place of issue or registration. That Information is reported in LOC 0240.
Variable length. Maximum 20 positions

MILITARY ID DOCUMENT (number)
Variable length. Maximum 20 positions

PASSPORT NUMBER
Enter 2 Alpha ISO country code and passport number
Variable length. Maximum 20 positions

VIN NUMBER
Variable length. Maximum 30 positions

HAZMAT ENDORSEMENT
Report Yes or No

U.S. ALIEN REGISTRATION CARD A2 (number)
Variable length. Maximum 20 positions

SECURE ELECTRONIC NETWORK FOR TRAVELLERS RAPID INSPECTION (SENTRI) CARD (number
Variable length. Maximum 20 positions

DRIVER'S LICENSE
Do not include any reference for the place of issue or registration. That Information is reported in LOC 0240.
Variable length. Maximum 20 positions

U.S. PERMANENT RESIDENT CARD (1998-2003)
Variable length. Maximum 20 positions

U.S. PASSPORT CARD (number)
Variable length. Maximum 20 positions

U.S. ALIEN REGISTRATION CARD A1 (number)
Variable length. Maximum 20 positions

VISA IMMIGRANT (number)
Variable length. Maximum 20 positions

U.S MERCHANT MARINER DOCUMENT ID (number)
Variable length. Maximum 20 positions

BIRTH CERTIFICATE
Do not include any reference for the place of issue or registration. That
Information is reported in LOC 0240.
Variable length. Maximum 20 positions

CITIZENSHIP DOCUMENT (expired in 2009)
Variable length

CERTIFICATE OF NATURALIZATION (expired in 2009)
Variable length

LASER VISA/BORDER CROSSING CARD (number)
Variable length. Maximum 20 positions

CONVEYANCE NUMBER
Format: 18 positions

NEXUS CARD (number)
Variable length. Maximum 20 positions

EQUIPMENT NUMBER
Format: 18 positions

PERMANENT RESIDENT CARD C2 (number)
Do not include any reference for the place of issue or registration. That
Information is reported in LOC 0240.
Variable length. Maximum 20 positions

VISA NON-IMMIGRANT (number)
Variable length. Maximum 20 positions

OTHER TRAVEL DOCUMENT ID (expired in 2009)
Variable length. Maximum 20 positions

DHS RE-ENTRY PERMIT NUMBER
Variable length. Maximum 20 positions

DHS REFUGEE TRAVEL DOCUMENT (number)
Variable length. Maximum 20 positions

TRANSPONDER IDENTIFICATION NUMBER
Variable length. Maximum 30 positions

COMMERCIAL DRIVER'S LICENSE NUMBER (number)
Do not include any reference for the place of issue or registration. That
Information is reported in LOC 0240.
Variable length. Maximum 20 positions

1156	**Line number**	C	an..6

Number of the line in the document/message referenced in 1154 Reference
number.

4000	**Reference version number**	C	an..35

To uniquely identify a reference by its revision number.

1060	**Revision Identifier**	C	an..6

To identify a revision.

Segment: # DTM Date/Time/Period

Position: 0180
Group: Segment Group 2 (General Indicator)   Mandatory
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment identifying the date and time of birth and/or death of the actual person as well as the date to perform the requested action (add, delete, change, verify).

Dependency Notes:
Semantic Notes:
Comments:
Notes: Use of this segment is conditional.

CONDITIONS:

This is used to add/modify crew birthday.

Otherwise, this segment is not used.

Data Element Summary

Data Element	Component Element	Name	Attributes	
C507		**DATE/TIME/PERIOD**	M	1
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	**Date or time or period function code qualifier**	M	an..3
		Code qualifying the function of a date, time or period.		
		329 Birth date		
	2380	**Date or time or period value**	M	an..35
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	**Date or time or period format code**	M	an..3
		Code specifying the representation of a date, time or period.		
		4 DDMMCCYY		

Segment:	**IHC** Person Characteristic	
Position:	0190	
Group:	Segment Group 2 (General Indicator)	Mandatory
Level:	2	
Usage:	Conditional (Optional)	
Max Use:	9	
Purpose:	A segment for specifying person inherited characteristics such as ethnic origin, hair colour, etc. of the actual person.	

Dependency Notes:
Semantic Notes:
Comments:
Notes:

Use of this segment is conditional.

CONDITIONS:

This is used to add or change conveyance or equipment type.
Otherwise, this segment is not used.

Data Element Summary

Data Element	Component Element	Name	Attributes	
3289		**PERSON CHARACTERISTIC CODE QUALIFIER**	**M**	**1**
		Code qualifying a type of characteristic of a person.		
		Always "1"		
C818		**PERSON INHERITED CHARACTERISTIC DETAILS**	**M**	**1**
		To specify an inherited characteristic of a person.		
	3311	**Inherited characteristic description code**	**C**	**an..8**
		Code specifying an inherited characteristic.		
	1131	**Code list identification code**	**C**	**an..17**
		Code identifying a code list.		
	3055	**Code list responsible agency code**	**C**	**an..3**
		Code specifying the agency responsible for a code list.		
	3310	**Inherited characteristic description**	**M**	**an..70**
		Free form description of an inherited characteristic.		

Conveyance Types:

AR	Armored Truck
AU	Automobile
BT	Box Truck
BI	Bicycle
BU	Bus
BV	Beverage Truck
CO	Construction Vehicle (general)
EV	Emergency Vehicle (general)
FE	Ferry
FM	Farm Tractor
GB	Garbage Truck
MC	Motorcycle
OC	Other
PM	Pick-up Truck with Camper

PN	Panel Truck
PU	Pick-up Truck
PV	Passenger, Van
RV	Recreation Vehicle
TR	Tractor (semi)
TV	Truck, Van

Equipment Types:

BI	Beverage rack trailer
CB	Gooseneck Trailer
CH	Chassis
CL	Other Length Sea Container (closed top)
CU	Other Length Sea Container (open top)
CZ	Refrigerated Container
DD	Double-Drop Trailer
DT	Drop Back Trailer
FR	Flat Bed Trailer
FT	Flatbed/perform Trailer
HE	Horse Trailer
LP	Logging Pipe or Pole Trailer
LT	Livestock Trailer
L1	Tank Trailer (liquids) not heated/not insulated
L2	Tank Trailer (liquids) heated/not insulated
L3	Tank Trailer (liquids) not heated/ insulated
L4	Tank Trailer (liquids) heated/ insulated
OE	Other
RD	Fix-Rack, Double Drop Trailer
RG	Gondola – closed
RO	Gondola – open
RS	Fix-Rack, Single Drop Trailer
SD	Single-Drop Trailer
TC	Trailer, Car
TK	Tank trailer (food grade liquids)
TL	Trailer (Not otherwise specified)
TW	Trailer, Refrigerated
T1	Tank Trailer (gas) – not heated/not insulated
T2	Tank Trailer (gas) – heated/not insulated
T3	Tank Trailer (gas) – not heated/insulated
T4	Tank Trailer (gas) – heated/insulated
T5	Tank Trailer (chemicals) – not heated/not insulated
T6	Tank Trailer (chemicals) – heated/not insulated
T7	Tank Trailer (chemicals) – not heated/insulated
T8	Tank Trailer (chemicals) – heated/insulated
2B	20 ft. IL container (closed top) (Sea Container)
20	20 ft. IL container (open top) (Sea Container)
4B	40 ft. IL container (closed top) (Sea Container)
40	40 ft. IL container (open top) (Sea Container)

Segment: # NAT Nationality

Position:	0200
Group:	Segment Group 2 (General Indicator) Mandatory
Level:	2
Usage:	Conditional (Optional)
Max Use:	9
Purpose:	A segment specifying place of birth and/or death of the actual person.
Dependency Notes:	
Semantic Notes:	
Comments:	

Notes:

Use of this segment is conditional.

CONDITIONS:

This is used to add or modify a crew citizenship.
Otherwise, this segment is not used.

Data Element Summary

Data Element	Component Element	Name	Attributes	
3493		**NATIONALITY QUALIFIER**	M	an..3
		To Qualify a nationality		
	2	Current citizenship		
C042		**Nationality Details**	M	
		To specify a nationality		
	3293	**Nationality, coded**	M	an..3
		Code for country of which an entity is the subject		
		Enter crew citizenship code using ISO 2 character country code.		
	1131	**Code list qualifier**	C	an..3
		Identification of a code list.		
	3055	**Code list responsible agency, coded**	C	an..3
		Code identifying the agency responsible for a code list.		
	3292	**Nationality**	C	an..35
		Name of country of which an entity is the subject		

Segment:	**LOC** Place/Location Identification		
Position:	0240		
Group:	Segment Group 2 (General Indicator)	Mandatory	
Level:	2		
Usage:	Conditional (Optional)		
Max Use:	9		
Purpose:	A segment specifying place of birth and/or death of the actual person.		
Dependency Notes:			
Semantic Notes:			
Comments:			
Notes:	Use of this segment is conditional.		

CONDITIONS:

This is used
- to add/modify/deactivate CDL, EDL, or driver's license, state and country of registration,
- to add/modify/deactivate Permanent resident card country of registration, and
- to add/modify/deactivate conveyance or equipment license plate state or country of registration

Otherwise, this segment is not used.

Data Element Summary

Data Element	Component Element	Name	Attributes	
3227		**PLACE/LOCATION QUALIFIER**	**M**	**An..3**
		Code identifying the function of a location.		
		ZZZ CDL, EDL, driver's license, License plate, or Permanent resident card registration		
C517		**LOCATION IDENTIFICATION**	**M**	
		Identification of a location by code or name.		
	3225	**Place/location identification**	**C**	**An..25**
		Identification of the name of place/location, other than 3164 City name.		
	1131	**Code list qualifier**	**M**	**An..3**
		Identification of a code list.		
		162 Country of License plate registration		
		163 Country of Permanent resident card registration		
	3055	**Code list responsible agency, coded**	**C**	**An..3**
		Code identifying the agency responsible for a code list.		
	3224	**Place/location**	**M**	**An..70**
		Name of place/location, other than 3164 City name.		
		Report License Plate or Permanent resident card registration. Use the 2 char ISO code for license plate or Permanent resident card, country of registration.		
C519		**RELATED LOCATION ONE IDENTIFICATION**	**M**	
		Identification the first related location by code or name.		
	3223	**Related place/location one identification**	**C**	**An..25**
		Specification of the first related place/location by code.		
	1131	**Code list qualifier**	**M**	**An..3**
		Identification of a code list.		
		229 Region/Geographic Location of License plate registration		
	3055	**Code list responsible agency, coded**	**C**	**an..3**

Code identifying the agency responsible for a code list.

	3222	**Related place/location one**	**M**	**an..70**

Specification of the first related place/location by name.

Report License Plate registration.
For license plate, region of registration, the 2 or 3 ISO codes will be accepted.

C553		**RELATED LOCATION TWO IDENTIFICATION**	**C**	

Identification of second related location by code or name.

	3233	**Related place/location two identification**	**C**	**an..25**

Specification of a second related place/location by code.

	1131	**Code list qualifier**	**C**	**an..3**

Identification of a code list.

162	Country of CDL, EDL, or Driver's license registration
84	State of CDL, EDL, or Driver's license registration

	3055	**Code list responsible agency, coded**	**C**	**an..3**

Code identifying the agency responsible for a code list.

	3232	**Related place/location two**	**C**	**an..70**

Specification of a second related place/location by name.

Report state and country of CDL, EDL or driver's license registration.
Country is mandatory if not US, MX, or CA or if the province is British Columbia (BC), or Baja California (BC).
Use the 2 char ISO code for CDL , EDLor driver's license, country of registration.
For CDL, EDL or driver's license, region of registration, the 2 or 3 ISO codes will be accepted.

5479		**RELATION, CODED**	**C**	**an..3**

To specify the relationship between two or more items.

Segment:	**PDI** Person Demographic Information		
Position:	0280		
Group:	Segment Group 3 (Person Demographic Information)		Conditional (Optional)
Level:	2		
Usage:	Conditional (Optional)		
Max Use:	1		
Purpose:	A segment to specify the sex of the actual person.		

Dependency Notes:
Semantic Notes:
Comments:
Notes:

> Use of this segment is conditional.
>
> CONDITIONS:
>
> This is to add/modify crew gender.
> Otherwise, do not use this segment.

Data Element Summary

Data Element	Component Element	Name	Attributes	
3499		**GENDER CODE**	M	an..3
		Code giving the gender of a person, animal or plant.		
		F Female		
		M Male		
C085		**MARITAL STATUS DETAILS**	C	1
		To specify the marital status of a person.		
	3479	**Marital status description code**	C	an..3
		Code specifying the marital status of a person.		
	1131	**Code list identification code**	C	an..17
		Identification of a code list.		
	3055	**Code list responsible agency code**	C	an..3
		Code specifying the agency responsible for a code list.		
	3478	**Marital status description**	C	an..35
		Free form description of the marital status of a person.		
C101		**RELIGION DETAILS**	C	1
		To specify the religion of a person.		
	3483	**Religion name code**	C	an..3
		Code specifying the name of a religion.		
	1131	**Code list identification code**	C	an..17
		Code identifying a code list.		
	3055	**Code list responsible agency code**	C	an..3
		Code specifying the agency responsible for a code list.		
	3482	**Religion name**	C	an..35
		Name of a religion.		

Segment: ## UNT Message Trailer

Position: 0460
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

Data Element	Component Element	Name	Attributes
0074		**NUMBER OF SEGMENTS IN A MESSAGE**	**M n..6**
		Control count of number of segments in a message.	
		Report the number or segments in the message.	
0062		**MESSAGE REFERENCE NUMBER**	**M an..14**
		Unique message reference assigned by the sender.	
		Report the same reference as reported in UNH Segment, DE 0062.	

Segment: # UNZ Interchange Trailer
Position: 0050
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of an interchange.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

Data Element	Component Element	Name	Attributes
0036		**INTERCHANGE CONTROL COUNT**	M 1 n6
		The number of messages and packages in an interchange or, if used, the number of groups in an interchange.	
		Report number of messages in the interchange.	
0020		**INTERCHANGE CONTROL REFERENCE**	M an..14
		Unique reference assigned by the sender to an interchange.	
		Unique sender reference number.	

APPENDIX A

ISO Country Codes

For use in identifying the country of issuance for personal identity documents in RFF0170 that require it

CODE	DEFINITION
AF	Afganistan
AX	Aland Islands
AL	Albania
DZ	Algeria
AS	American Samoa
AD	Andorra
AO	Angola
AI	Anguilla
AQ	Antarctica
AG	Antigua and Barbuda
AR	Argentina
AM	Armenia
AW	Aruba
AU	Australia
AT	Austria
AZ	Azerbaijan
BS	Bahamas
BH	Bahrain
BD	Bangladesh
BB	Barbados
BY	Belarus
BE	Belgium
BZ	Belize
BJ	Benin
BM	Bermuda
BT	Bhutan
BO	Bolivia
BA	Bosnia-Herzegovina
BW	Botswana
BV	Bouvet Island
BR	Brazil
IO	British Indian Ocean Territory
VG	British Virgin Islands
BN	Brunei
BG	Bulgaria
BF	Burkina Faso
BI	Burundi
KH	Cambodia
CM	Cameroon
CA	Canada
CV	Cape Verde
KY	Cayman Islands
CF	Central African Republic
TD	Chad
CL	Chile
CN	China (mainland)
TW	China (Taiwan)
CX	Christmas Islands
CC	Cocos (Keeling) Islands
CO	Colombia
KM	Comoros
CG	Congo (Brazzaville)
CD	Congo (Kinshasa)
CK	Cook Islands
CR	Costa Rica
CI	Cote d'Ivoire
HR	Croatia
CU	Cuba
CY	Cyprus
CZ	Czech Republic
DK	Denmark

DJ	Djibouti
DM	Dominica
DO	Dominican Republic
TL	East Timor
EC	Ecuador
EG	Egypt
SV	El Salvador
GQ	Equatorial Guinea
ER	Eritrea
EE	Estonia
ET	Ethiopia
FK	Falkland Islands
FO	Faroe Islands
FJ	Fiji
FI	Finland
FR	France
GF	French Guiana
PF	French Polynesia
TF	French Southern and Antarctic Islands
GA	Gabon
GM	Gambia
DE	Germany
GE	Georgia
GG	Guernsey
GH	Ghana
GI	Gibraltar
GR	Greece
GL	Greenland
GD	Grenada
GP	Guadeloupe
GU	Guam
GT	Guatemala
GG	Guernsey
GN	Guinea
GW	Guinea-Bissau
GY	Guyana
HT	Haiti
HM	Heard and McDonald Islands
HN	Honduras
HK	Hong Kong
HU	Hungary
IS	Iceland
IM	Isle of Man
IN	India
ID	Indonesia
IR	Iran
IQ	Iraq
NT	Iraq-Saudi Arabia Neutral Zone
IE	Ireland
IM	Isle of Man
IL	Israel
IT	Italy
CI	Ivory Coast
JM	Jamaica
JP	Japan
JE	Jersey
JO	Jordan
KZ	Kazakhstan
KE	Kenya
KI	Kiribati
KR	Korea
KW	Kuwait
KG	Kyrgyzstan
LA	Laos
LV	Latvia
LB	Lebanon

LS	Lesotho
LR	Liberia
LY	Libya
LI	Liechtenstein
LT	Lithuania
LU	Luxembourg
MO	Macao
MK	Macedonia (Skopje)
MG	Madagascar (Malagasy)
MW	Malawi
MY	Malaysia
MV	Maldives
ML	Mali
MT	Malta and Gozo
MH	Marshall Islands
MQ	Martinique
MR	Mauritania
MU	Mauritius
YT	Mayotte
MX	Mexico
FM	Micronesia
MD	Moldova
MC	Monaco
MN	Mongolia
ME	Montenegro
MS	Montserrat
MA	Morocco
MZ	Mozambique
MM	Myanmar
NA	Namibia
NR	Nauru
NP	Nepal
NL	Netherlands
AN	Netherlands Antilles
NC	New Caledonia
NZ	New Zealand
NI	Nicaragua
NE	Niger
NG	Nigeria
NU	Niue
NF	Norfolk Island
KP	North Korea
MP	Northern Mariana Islands
NO	Norway
OM	Oman
PK	Pakistan
PW	Palau
PS	Palestinian Territory
PA	Panama
PG	Papua New Guinea
PY	Paraguay
PE	Peru
PH	Philippines
PN	Pitcairn Island
PL	Poland
PT	Portugal
PR	Puerto Rico
QA	Qatar
ZA	Republic of South Africa
YE	Republic of Yemen
RE	Reunion (French)
RO	Romania
RU	Russia
RW	Rwanda
SH	St. Helena
KN	St. Kitts and Nevis

PM St. Pierre and Miquelon
LC St. Lucia
VC St. Vincent and the Grenadines
WS Samoa
SM San Marino
ST Sao Tomes and Principe
SA Saudi Arabia
SN Senegal
RS Serbia
SC Seychelles
SL Sierra Leone
SG Singapore
SK Slovakia
SI Slovenia
SB Solomon Islands
SO Somalia
GS South Georgia and South Sandwich Islands
ES Spain
LK Sri Lanka
SD Sudan
SR Surinam
SJ Svalbard and Jan Mayen Islands
SZ Swaziland
SE Sweden
CH Switzerland
SY Syria
TJ Tajikistan
TZ Tanzania
TH Thailand
TG Togo
TK Tokelau Islands
TO Tonga
TT Trinidad and Tobago
TN Tunisia
TR Turkey
TM Turkmenistan
TC Turks and Caicos Islands
TV Tuvulu
UG Uganda
UA Ukraine
AE United Arab Emirates
GB United Kingdom
US United States
UM United States Outlying Islands
UY Uruguay
UZ Uzbekistan
VU Vanuatu
VA Vatican City
VE Venezuela
VN Vietnam
VG British Virgin Islands
VI U.S. Virgin Islands
WF Wallis and Futuna Islands
EH Western Sahara
ZM Zambia
ZW Zimbabwe

APPENDIX B
ISO State/province Codes
For use in identifying the state/province of issuance for personal identity documents in RFF0170 that require it

U.S. States
AK Alaska
AL Alabama
AR Arkansas
AZ Arizona
CA California
CO Colorado
CT Connecticut
DC District of Columbia
DE Delaware
FL Florida
GA Georgia
GU Guam
HI Hawaii
IA Iowa
ID Idaho
IL Illinois
IN Indiana
KS Kansas
KY Kentucky
LA Louisiana
MA Massachusetts
MD Maryland
ME Maine
MI Michigan
MN Minnesota
MO Missouri
MS Mississippi
MT Montana
NC North Carolina
ND North Dakota
NE Nebraska
NH New Hampshire
NJ New Jersey
NM New Mexico
NV Nevada
NY New York
OH Ohio
OK Oklahoma
OR Oregon
PA Pennsylvania
PR Puerto Rico
RI Rhode Island
SC South Carolina
SD South Dakota
TN Tennessee
TX Texas
UT Utah
VA Virginia
VI Virgin Islands
VT Vermont
WA Washington
WI Wisconsin
WV West Virginia
WY Wyoming

Mexican States
AGU Aguascalientes
BCN Baja California Nord
BCS Baja California Sur
CAM Campeche
CHH Chihuahua

CHP	Chiapas
COA	Coahuila
COL	Colima
DIF	Distrito Federal
DUR	Durango
GRO	Guerrero
GUA	Guanajuato
HID	Hidalgo
JAL	alisco
MEX	Mexico State
MIC	Michoacan
MOR	Morelos
NAY	Nayarit
NLE	Nuevo Leon
OAX	Oaxaca
PUE	Puebla
QUE	Queretaro
ROO	Quintana Roo
SIN	Sinaloa
SLP	San Luis Potosi
SON	Sonora
TAB	Tabasco
TAM	Tamaulipas
TLA	Tlaxcala
VER	Vera Cruz
YUC	Yucatan
ZAC	Zacatecas

Canadian Provinces

AB	Alberta
BC	British Columbia
MB	Manitoba
NB	New Brunswick
NL	Newfoundland and Labrador
NS	Nova Scotia
NT	Northwest Territories
NU	Nunavut
ON	Ontario
PE	Prince Edward Island
QC	Quebec
SK	Saskatchewan
YT	Yukon Territory