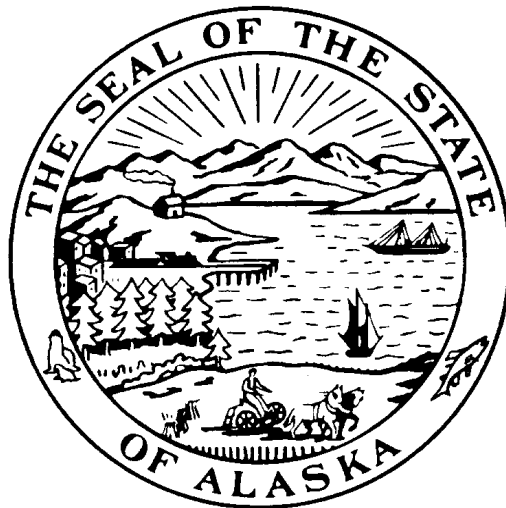


**STATE OF ALASKA
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF STATEWIDE SERVICES, INFORMATION SYSTEMS**

**APSIN / LAW
ENFORCEMENT
AGENCY INTERFACE**

TRANSACTION SPECIFICATIONS



v2.4 - July 2016

Version	Chapter	Change
v2.2 - April 2016	I Overview	Updated Table of Contents and created change log.
v2.2 - April 2016	III Person Transactions	Added QPB example 6a (section 6.2) – person with bail conditions.
v2.2 - April 2016	IX Case Transactions	Removed chapter as this interface is no longer offered to new agency customers.
v2.3 - June 2016	VIII Arrest Transactions	To implement the requirements of the omnibus Crime bill SB91, added two fields to track if a person was remanded to jail or released with a criminal citation. Custody Type and Custody Citation
v2.4 – July 2016	VIII Arrest Transactions	Inserted previously overlooked items 25 (MNT) and 26 (MNU),

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I. OVERVIEW

The APSIN/Law Enforcement Agency Interface provides access to the information contained in the Alaska Department of Public Safety Information Network (APSIN) database. The Interface is an alternative to logging onto terminals connected to the online APSIN system. Your law enforcement agency system initiates interface transactions by sending messages to the interface. The APSIN interface processes the inquiry or update transaction and returns one or more responses to your system. When queries and updates to the National Crime Information Center (NCIC) are a part of the transaction, the APSIN interface also processes these and returns a response. Your system can display the data returned in the messages from APSIN and process the response data by updating your database as appropriate. Each incoming message is processed as a separate transaction; there is no interactive “conversational” processing.

Interface transaction categories include:

- Stolen and recovered property (*Chapter II*)
- Person demographics, criminal history, and driving history data (*Chapter III*)
- Alaska Division of Motor Vehicles (DMV) vehicle registration and title data (*Chapter IV*)
- Stolen and recovered vehicles (*Chapter V*)
- Traffic and Non-Traffic Citations (*Chapter VI*)
- Arrest warrants and miscellaneous person-related transactions, including restraining orders, locates, and missing persons (not described in detail in this document) (*Chapter VII*)
- Arrests (*Chapter VIII*)
- Case interface (*Chapter IX*)

The interface, via Pacific Applied Technology (PAT) software, also forwards messages which do not involve APSIN through to NCIC and to the National Law Enforcement Telecommunications Systems (NLETS), and then forwards the responses to your agency, with no APSIN processing involved.

1.1. Message format

All messages sent by law enforcement agencies and responses returned by APSIN must be formatted in a standard layout. Messages may be sent over a LU 6.2 line, or the newer TCP/IP interface using slightly different formats.

Message formats are described in tables in each chapter (e.g., **Fig. 1 Table of Enter Person Demographics Elements: EPD** in Chapter III).

Three types of **rows** are included in each table:

- The transmission header, listed as the first row in each table.

- One or more Message Keys (“MKE”) that specify the transaction type (Query, Enter, Modify, Delete, etc.) and the transaction category (Person, Citation, Vehicle, etc.). MKE is listed as the second row in each table.
- The many individual message fields that are specific to the transaction.

The **columns** of the tables include:

- **Seq:** A field counter, for documentation purposes only.
- **Element:** The three-character field key “mnemonic” name of the field. Mnemonics generally (not always) comply with the definitions of NCIC elements.
- **Format:** The field type (A = alphanumeric, N = numeric) and maximum allowable field size.
- **Name:** The English name for the field corresponding to the mnemonic Element value.
- **Descr.:** If needed, an extended description of the field.
- **Req APSIN:** Indicates whether the field is required by APSIN. Y indicates the field is always required by APSIN; Y* indicates the field is required under some circumstances (which should be explained in the Comments column). Required fields are mandatory when adding a record to APSIN, and cannot be removed when updating a record in APSIN. Some fields are required as selection criteria for inquiry transactions.
- **Req NCIC:** Indicates whether the field is required by NCIC. In many cases the APSIN interface automatically populates NCIC-required fields, if the data needed is available in the APSIN database repository.
- **Comments:** Important details about the field including relationships with other fields in the transaction. Fields marked Y* for APSIN or NCIC usually are commented with details of the circumstances under which the field is required.

1.2. Transmission Header

See the figures below for details of the transmission headers:

- **Fig. 1 Message transmission header fields for TCP/IP messages**
- **Fig. 3 Message transmission header fields for LU 6.2 messages (not currently used)**

A transmission header must precede the input message data. All fields in the header are mandatory, fixed length, and positional.

APSIN Interface TCP/IP messages must be comprised of the following five consecutive components:

1. four-byte hexadecimal starting pattern ‘FF00AA55’
2. four-byte binary length of the message, inclusive of the starting pattern through the ending pattern
3. the 64-byte transmission header (see Fig. 1 below for its format)
4. the message contents or “payload”
5. four-byte hexadecimal ending pattern ‘55AA00FF’

A TCP/IP message sent to the APSIN interface might be structured:

```
[x'FF00AA55']  
[4B binary length]  
S1P#4GPRD AKAST0102906PPUSERIDPASSWORD123456789012  
[14B reserved space]  
QPB.ADL/1239874.NAM/DOE, JOHN  
[x'55AA00FF']
```

The underlined portion above represents the 64-byte transmission header. The **bold** portion is the message contents.

1.3. Message Key

Immediately following the transmission header, all input messages must contain a two- or three-character mnemonic for a message key (MKE) followed by a period (.).

1.4. Message Data Fields

Three-character mnemonics followed by a '/' are used to identify message fields. Message fields can be in any order. It is recommended that the person or item identifiers (name, APSIN ID, case number, item number, etc.) be placed near the beginning of the message.

The data value for each field immediately follows the '/', and a period (.) immediately follows the data. To comply with NCIC standards, the *last* field in the message should *not* be followed by a period.

A sample TCP/IP APSIN message key and message data for a query gun interface message to APSIN is:

```
[x'FF00AA55']  
[4B binary length]  
S1P#4GPRD AKAST0102906PPUSERIDPASSWORD123456789012  
[14B reserved space]  
QG.SER/B512673.MAK/REM.CAL/308  
[x'55AA00FF']
```

Multiple values for the same field are handled by sending a separate mnemonic with '/' preceding and a period following each value. The same mnemonic may thus occur more than once in a message.

An informational error response is sent when multiple occurrences of a non-multiple value field are sent to the APSIN interface. Only the first occurrence is used to process the interface transaction.

The maximum message length allowed is 32,000 bytes. There is no specific EOT (end of transmission) indicator on incoming messages or responses.

1.5. Message Responses

See the figures below for details of the response headers:

- **Fig. 2 Message response fields for TCP/IP messages**
- *Fig. 4 Message response fields for LU 6.2 messages (not currently used)*

All responses sent by APSIN begin with standard response header data. The TCP/IP response header contains the same fields as the input message header, plus twenty bytes containing the message number, message level, and date and time. These fields are all mandatory, fixed length, and positional.

There are slight variations in the formats of message responses that are due to different phases of development of the APSIN interface; hence each chapter specifies exactly the message response details for its set of transactions.

As appropriate, message data in mnemonic format such as SID/ or NIC/, followed by the APSIN data value, is included in message responses. These are necessary when a new APSIN ID number or a new NCIC number has been created resulting from your transaction. This data follows the fixed standard header and precedes any message text included in the message response. Any data passed to your system contains standard field mnemonics, followed by a '/' and the value for processing by your system, and ends with a period (.).

Three types of message response formats are sent by APSIN:

1. Presentation
2. Data Transmission
3. Text

The first two formats are for inquiry transactions only. Each inquiry transaction can inform the APSIN interface as to which text format it expects to receive by including the mnemonic FMT/Y (presentation) or FMT/N (data transmission). If this mnemonic is not provided, then the presentation format is the default response. ***As of September 2007, only the Presentation response format is available.***

The presentation format returns data that looks similar to the existing APSIN screens. The data string is formatted with newline characters to fit on a standard 24-line by 79-column terminal. This data follows the mnemonic 'TXT/'. There is no period at the end of a message. Sample presentation formats are provided in each transaction category section of this document.

The data transmission format contains a message that is in accordance with NCIC message standards. This data follows the mnemonic 'TXT/' and there is no period at the end of a message. The text messages format returns error or informational data following the mnemonic 'TXT/'. There is not a period at the end of a message. *(As of September 2007, only the Presentation response format is available.)*

Text format and data transmission format may be combined in a single response. This allows an information message to be included along with specific data such as new APSIN ID or NCIC number.

A sample TCP/IP APSIN response message for a successful QVI (query DMV vehicle) transaction is:

[x'FF00AA55']

[4B binary length]

S1APDWWLD 907P1001 P1001 372470000000

[14B reserved space]

00100041620091341457MKE/QVI.APS/B.LIC/FSTBRK.LIS/AK.TXT/.END OF
VEHICLE INFORMATION**

[x'55AA00FF']

Fig. 1 Message transmission header fields for TCP/IP messages (64 bytes)

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
1	FnCd	A 2	Function code	Determines APSIN, NCIC or NLETS. L2 - NCIC III N1 - NCIC 2000 NT - NCIC 2000 Test system NL - NLETS S1 - APSIN			Incoming/Outgoing
2	TermID	A 4	Terminal ID	Text for display by remote system from the LE interface			Incoming/Outgoing
3	UnitID	A 3	Unit ID	Unit ID on the remote system			Incoming/Outgoing
4	UnSolCd	A 1	Unsolicited code				Incoming only
5	AgencyID	A 9	ORI or Agency ID				Incoming only
6	Priority	N 1	Message priority	Priority of Message 0 - 9			0 = high 9 = low
7	QueCd	A 2	DPS queue code	A queue code as specified by DPS			
8	UserID	A 8	APSIN UserID	Identifies the APSIN user that is signed onto the system.			
9	OpID	A 8	APSIN OperatorID	The user's operator ID			
10	MsgUID	A 12	Message UID (unique identifier sent by remote agency to which to match the response)				
11	Filler	A 14	Message Filler	Blank spaces in the header			Reserved by PAT for future use

Fig. 2 Message response fields for TCP/IP messages (64 bytes + 20 bytes + variable)

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
1	---	64 bytes	PAT transmission header (the whole unit)				The PAT transmission header is included on all requests and responses.
2	MsgNbr	N 3	Message ID among 1-to-n response messages	A unique counter of response messages for the transaction number identified in the header.			<p>Begins at 001. There may be more than one response per input message.</p> <p>When a transaction is processed by both APSIN and NCIC, the responses relating to the NCIC processing will start at 100.</p>
3	MsgLvl	N 2	Message level - success / info / error				<p>Identifies the error or non-error response: 0 or 7 - Transaction successful 1 - APSIN matching error; transaction rejected 2 - Missing or invalid mandatory data; transaction rejected 3 - Data integrity error; transaction rejected 4 - Field validation error which does not cause the transaction to be rejected, but this field will be ignored 5 - System error, such as APSIN or interface line down, database error, or other serious error 6 - Notification only. Includes inquiry responses</p>
4	MsgDate	N 8	Response message date	The date the message response is sent from the LE interface			MMDDYYYY
5	MsgTime	N 7	Response message time	The time the message response is sent from the LE interface			HHMMSSST (hours, minutes, seconds, tenths of second).

Fig. 2 Message response fields for TCP/IP messages (64 bytes + 20 bytes + variable)

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
6	MsgData	Variable	Data content of the response	In response to messages which caused APSIN to be updated			<p>When appropriate, a mnemonic such as SID/ or NIC/ will be returned, followed by the APSIN data value, when a new APSIN ID or new NCIC number has been created in APSIN.</p> <p>If the incoming message contained FMT/Y, a response to an inquiry will consist of a screenfull of APSIN data.</p> <p>If the incoming message contained FMT/N, a response to an inquiry will consist of a series of field mnemonics, each followed by a "/" and the specific APSIN data.</p>
7	MsgTxt	Variable	Response message text	Text from the LE interface for display by remote system			Responses to an update transaction, whether successful or not, will consist of short message(s).

Fig. 3 Message transmission header fields for LU 6.2 messages (not presently used)

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
1	TermID	A 4	Terminal ID	Text for display by remote system from the LE interface	Y		This plus Unit ID form a unique device on the remote system, and can be used by the remote system for response routing to specific terminals.
2	UnitID	A 4	Unit ID	Unit ID on the remote system			Can be blank.
3	MsgType	A 1	Message type	Determines type of processing	Y		Message type is 'L' for messages sent to APSIN.
4	Priority	N 1	Message priority	Priority of Message 0 - 9	Y		Message priority (0 - 9; 0 is high, 9 is low). 'L' transactions on this interface will generally be priority '3'.
5	QueCd	A 2	DPS queue code	A queue code as specified by DPS	Y		'01' for messages from Anchorage Police Department.
6	TstPrd	A 1	APSIN Test/Production flag	Indicates whether the message should be sent to APSIN's Test ('T') or Production ('P') environment.	Y		
7	UserID	A 8	APSIN UserID	Identifies the APSIN user that is signed onto the system.	Y		Must contain a valid APSIN User ID.
8	OpID	A 8	APSIN OperatorID	The user's operator ID			This field may be blank, as it is not currently used by the Interface.
9	TrnNbr	A 12	Transaction number	Transaction number generated by the remote agency system to uniquely identify a transaction on the LE interface. This value will be returned with 'L' messages to allow the remote agency systems to match their transactions to responses in an asynchronous environment.			This field may be blank.

Fig. 4 Message response fields for LU 6.2 messages (not presently used)

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
1	---	A 41	PAT transmission header (the whole unit)				The PAT transmission header is included on all requests and responses. Message type in the message response is blank for successful transactions and 'E' for errors..
2	MsgNbr	N 3	Message ID among 1-to-n response messages	A unique counter of response messages for the transaction number identified in the header.			Begins at 001. There may be more than one response per input message. When a transaction is processed by both APSIN and NCIC, the responses relating to the NCIC processing will start at 100.
3	MsgLvl	N 2	Message level - success / info / error	Identifies the error or non-error response			1--APSIN matching error; transaction rejected. 2--Missing or invalid mandatory data; transaction rejected. 3--Data integrity error; transaction rejected. 4-- Field validation error which does not cause the transaction to be rejected, but this field will be ignored. 5--System error, such as APSIN or interface line down, database error, or other serious error. 6--Notification only. Includes inquiry responses. 7--Transaction successful.
4	MsgDate	N 8	Response message date	The date the message response is sent from the LE interface			MMDDYYYY
5	MsgTime	N 7	Response message time	The time the message response is sent from the LE interface			HHMMSSST (hours, minutes, seconds, tenths of second)

Fig. 4 Message response fields for LU 6.2 messages (not presently used)

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
6	MsgData	Var	Data content of the response	In response to messages which caused APSIN to be updated:			<p>When appropriate, a mnemonic such as SID/ or NIC/ will be returned, followed by the APSIN data value, when a new APSIN ID or new NCIC number has been created in APSIN.</p> <p>If the incoming message contained FMT/Y, a response to an inquiry will consist of a screenfull of APSIN data.</p> <p>If the incoming message contained FMT/N, a response to an inquiry will consist of a series of field mnemonics, each followed by a "/" and the specific APSIN data.</p>
7	MsgTxt	Var	Response message text	Text from the LE interface for display by remote system			Responses to an update transaction, whether successful or not, will consist of short message(s).

II. *STOLEN AND RECOVERED PROPERTY*

The following chart summarizes the transactions covered in this chapter.

Message		(Update, Query, No Access)		
Key	Action	APSIN	NCIC	Comment
EA	Enter article	U	U	
MA	Modify article	U	U	
XA	Cancel article	U	U	
LA	Locate article	U	U	
CA	Clear article	U	U	
QAL	Query article list	Q	N	List of articles.
QA	Query article	Q	Q/N	Display information about a specific article.
EG	Enter gun	U	U	
MG	Modify gun	U	U	
XG	Cancel gun	U	U	
LG	Locate gun	U	U	
CG	Clear gun	U	U	
QGL	Query gun list	Q	N	List of guns.
QG	Query gun	Q	Q/N	Display information about a specific gun.
ES	Enter security	U	U	
MS	Modify security	U	U	
XS	Cancel security	U	U	
LS	Locate security	U	U	
CS	Clear security	U	U	
QSL	Query security list	Q	N	List of securities.
QS	Query security	Q	Q/N	Display information about a specific security.

1. STOLEN AND RECOVERED PROPERTY TRANSACTIONS

Property transactions are used to store in APSIN information about articles, guns and securities that are stolen, recovered, missing or found. In this document “property item” refers to any of three categories of property: articles, guns and securities.

Property items are associated to who owns the property or who has reported the property status to Law Enforcement; hence each property item record requires an APSIN ID. Since all ADLs (Alaska Driver Licenses) are in APSIN and have an associated APSIN ID, the interface will allow an ADL to be sent. However, the associated APSIN ID is stored in the APSIN database. To determine if a person has an existing APSIN ID or to assign an APSIN ID see Chapter III Person Transactions. An ADL can only be assigned by DMV, however an APSIN ID can be assigned through an EPD transaction.

Transactions are not posted to the database until they have successfully passed a rigorous validation routine. This includes ensuring that mandatory fields are transmitted. If mandatory fields are missing or invalid then the transaction is rejected and no data is posted to APSIN. When non-mandatory fields are invalid, only the fields in error are not posted. As validation errors occur, descriptive error messages sent to the originating agency, informing you of the exact problem.

The details of which matching information is mandatory or optional, and how that information is used, are described in the context of the specific transactions in sections that follow.

The property *entry and update* transactions are:

EA Enter Article

EG Enter Gun

ES Enter Security

Create a property item record in the APSIN database to record a stolen or missing property item.

MA Modify Article

MG Modify Gun

MS Modify Security

Change information on the record to modify its description or status.

LA Locate Article

LG Locate Gun

LS Locate Security

Record the recovery of a property item by changing its status to L.

CA Clear Article

CG Clear Gun

CS Clear Security

Delete a property record after the property has been recovered.

XA Cancel Article**XG Cancel Gun****XS Cancel Security**

Delete a property record that was mistakenly entered as stolen or missing.

The property *query* transactions are:

QAL Query Article List**QGL Query Gun List****QSL Query Securities List**

Retrieve a list of property from APSIN that match search criteria provided by the user. If only one item suitably matches the criteria, the response will be a QA / QG / QS response message.

QA Query Article**QG Query Gun****QS Query Security**

Retrieve from the APSIN database the record for a uniquely identified stolen or recovered property item.

1.1. Text responses to stolen and recovered property transactions

All responses from the interface Property transactions contain a message header, details of the original request, and a text message that characterizes the outcome of the transaction, as follows.

1. The message header: 61 bytes if LU6.2 client, 84 bytes if TCP/IP client. The last twenty bytes of the header are the same for both LU6.2 and TCP/IP clients:
 - Three-byte message number (e.g., the first of a three-page QGL gun list response would have a value of 001 and the last page would be 003)
 - Two-byte message level (00 for successful transaction, non-zero for varying levels of error)
 - Date of the response (mmddyyyy format)
 - Time of the response (hhmmss format)
2. Two asterisks (**)
3. For the *Article* update transactions *EA*, *MA*, *XA*, *LA* and *CA*, and the *Gun* update transactions *EG*, *MG*, *XG*, *LG*, and *CG*, the following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:
 - Originating agency case number (OCA)
 - Item number on case (CIN)
 - State identification number (SID) (APSIN Person ID)

- NCIC number (NIC)
4. For the **Securities** update transactions **ES, MS, XS, LS and CS**, and query transactions **QSL and QS**, the following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:
 - Message key (MKE)
 - APSIN / NCIC indicator (APS)
 - Originating agency case number (OCA)
 - Item number on case (CIN)
 - Agency ID (AGI)
 - NCIC number (NIC)
 - Serial number (SER)
 - Type (TYP)
 - Denomination (DEN)
 5. For the **Article** query transactions **QAL and QA**, the following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:
 - Message key (MKE)
 - APSIN / NCIC indicator (APS)
 - Originating agency case number (OCA)
 - Item number on case (CIN)
 - Agency ID (AGI)
 - NCIC number (NIC)
 - Serial number (SER)
 - Last four characters of serial number (SLF)
 - Type (TYP)
 - Brand (BRA)
 - Model (MOD)
 6. For the **Gun** query transactions **QGL and QG**, the following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:
 - Message key (MKE)
 - APSIN / NCIC indicator (APS)
 - Originating agency case number (OCA)
 - Item number on case (CIN)
 - Agency ID (AGI)
 - NCIC number (NIC)

- Serial number (SER)
 - Last four characters of serial number (SLF)
 - Type (TYP)
 - Make (MAK)
 - Model (MOD)
 - Caliber (CAL)
7. The mnemonic “TXT/”
 8. The system’s response message indicating disposition of the transaction:
 - success of the transaction
 - failure of the transaction
 - error or informational message

Each of the following sections includes examples of successful and unsuccessful requests and responses.

- Sample transaction *requests*: item 1 (transaction header) is represented as “**TransmissionHeader**”.
- Sample transaction *responses*: items 1 through 8 above are represented by “**ResponseHeader**”.

Fig. 1 Table of Article Transaction Elements: EA, MA, LA, CA, XA

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 3	Message key		Y	Y	EA - Enter stolen article MA - Modify stolen article XA - Cancel stolen article LA - Locate article CA - Clear stolen article
2	APS	A 1	APSIN / NCIC indicator	A or blank = process against APSIN only B = process against APSIN and NCIC			A - APSIN only B - APSIN and NCIC If APS is not included, the transaction will be processed as APSIN-only.
3	ORI	A 9	Originating agency identifier			Y	The identifier of the originating agency. Validated against APSIN Company and Security files. ORI is mandatory when APS is B (to be processed by NCIC).
4	SID	N 7	State identification number	Alaska state ID number for person; the APSIN ID.	Y*		The APSIN ID of the property owner or person reporting the property status. The SID is required SID cannot be erased if the property is in Stolen status.
5	ADL	N 7	Alaska drivers license number	ADL is generated by Division of Motor Vehicles. ADL can be used to locate a person record in the APSIN database.	Y*		The ADL of the property owner or person reporting the property status. ADLs are stored in APSIN along with their associated SID. If the ADL is sent, the system finds the associated SID and stores the SID value on the property record.

Fig. 1 Table of Article Transaction Elements: EA, MA, LA, CA, XA

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
6	OCA	A 9	Originating agency case number		Y	Y*	Case number is always required along with the Agency (AGI). The combination OCA, CIN and AGI are required to enter a stolen article. All NCIC modify transactions (M, X, L and C) must be uniquely identifiable using the case number (OCA) along with either NIC or SER.
7	CIN	N 4	Item number on case		Y*		The combination OCA, CIN and AGI are required to enter a stolen article. The CIN can be used along with the OCA and AGI to uniquely identify a property record for update or query transactions.
8	DOT	N 8	Date of theft	Status date, date of theft or recovery	Y	Y*	Format = MMDDYYYY The Status date must be present on all article update transactions, except that it can be erased on XA and CA transactions. NCIC requires DOT on Entry transaction.
9	CAT	A 1	Property category		Y		Must be A (article).
10	TYP	A 7	Article (APSIN property subtype)		Y*	Y*	Required on Entry transaction. Validate against APSIN table 48 PR-AEDIT
11	BRA	A 6	Article brand name		Y*	Y*	Required on Entry transaction.
12	MOD	A 9	Article model		Y*		Required on Entry transaction.
13	COL	A 3, occurs 2	Color				Validated against APSIN table 42 PR-COLOR.
14	SER	A 20	Serial number of article			Y*	All NCIC modify transactions (M, X, L and C) must be uniquely identifiable using the NCIC number along with one of the following: OCA, SER or OAN.

Fig. 1 Table of Article Transaction Elements: EA, MA, LA, CA, XA

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
15	OAN	A 20	Owner applied number	Identification information that is affixed, imprinted or engraved on the property by the owner.		Y*	All NCIC modify transactions (M, X, L and C) must be uniquely identifiable using the NCIC number along with one of the following: OCA, SER or OAN.
16	FLT	A 15	Arrow fletch description				
17	ARH	A 15	Arrowhead description				
18	PST	A 1	Property status		Y		Must be one of the following: S - stolen F - found M - missing R - recovered
19	AGI	A 4	Agency ID	Issuing or arresting agency ID	Y		Agency ID is always required. The combination OCA, CIN and AGI are required to enter a stolen article. The AGI along with the OCA and a unique identifier of the article are used in property and query transactions. The Agency ID must be found in the APSIN Company file.
20	EIA	A 5	Employee ID in APSIN	Employee ID in APSIN			Must be a valid employee ID on the APSIN Person file.
21	MIS	A 200	Miscellaneous comment or information		Y*		Required on Entry transaction.

Fig. 1 Table of Article Transaction Elements: EA, MA, LA, CA, XA

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
22	NIC	A 10	NCIC number	Unique ID assigned to an article by the NCIC system		Y*	<p>The NIC can be used along with the OCA and AGI to uniquely identify a property record for update or query transactions in APSIN.</p> <p>NCIC requires NCIC number on all transactions except Entry. In an entry transaction if the APS flag is set to B, the NCIC number will be assigned by NCIC and sent back to the submitting agency.</p> <p>All NCIC modify transactions (M, X, L and C) must be uniquely identifiable using the NCIC number along with one of the following: OCA, SER or OAN.</p>
23	BIN	A 3	Storage bin number				Not permitted with status S (stolen).
24	SLT	A 30	Storage location text				Not permitted with status S (stolen).
25	SLC	A 20	Storage location city				<p>Must be a valid Alaska city validated in APSIN table 17 AD-CITY.</p> <p>Not permitted with status S (stolen).</p>
26	SCA	A 9	Special case number	Special case no, for msg to NCIC			For Locate and Clear messages to be sent to NCIC. It is used for the case number for the agency that located the property item.
27	SRI	A 9	Special ORI	Special ORI, for msg to NCIC			For Clear messages to be sent to NCIC. It is used for the ORI of the agency that located the article.

Fig. 2 Table of Gun Transaction Elements: EG, MG, LG, CG, XG

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 3	Message key		Y	Y	EG - Enter stolen gun MG - Modify stolen gun XG - Cancel stolen gun LG - Locate gun CG - Clear stolen gun
2	APS	A 1	APSIN / NCIC indicator	A or blank = process against APSIN only B = process against APSIN and NCIC			A - APSIN only B - APSIN and NCIC If APS is not included, the transaction will be processed as APSIN-only.
3	ORI	A 9	Originating agency identifier			Y	The identifier of the originating agency. Validated against APSIN Company and Security files. ORI is mandatory when APS is B (to be processed by NCIC).
4	SID	N 7	State identification number	Alaska state ID number for person; the APSIN ID.	Y*		The APSIN ID of the property owner or person reporting the property status. The SID is required SID cannot be erased if the property is in Stolen status.
5	ADL	N 7	Alaska drivers license number	ADL is generated by Division of Motor Vehicles. ADL can be used to locate a person record in the APSIN database.	Y*		The ADL of the property owner or person reporting the property status. ADLs are stored in APSIN along with their associated SID. If the ADL is sent, the system finds the associated SID and stores the SID value on the property record.

Fig. 2 Table of Gun Transaction Elements: EG, MG, LG, CG, XG

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
6	OCA	A 9	Originating agency case number		Y	Y*	Case number is always required along with the Agency (AGI). The combination OCA, CIN and AGI are required to enter a stolen gun. All NCIC modify transactions (M, X, L and C) must be uniquely identifiable using the case number (OCA) along with either NIC or SER.
7	CIN	N 4	Item number on case		Y*		The combination OCA, CIN and AGI are required to enter a stolen gun. The CIN can be used along with the OCA and AGI to uniquely identify a property record for update or query transactions.
8	DOT	N 8	Date of theft	Status date, date of theft or recovery	Y	Y*	Format = MMDDYYYY The Status date must be present on all gun update transactions, except that it can be erased on XG and CG transactions. NCIC requires DOT on Entry transaction.
9	CAT	A 1	Property category		Y		Must be G (gun).
10	TYP	A 2	Gun type (APSIN property subtype)		Y*	Y*	Required on Entry transaction. Validate against APSIN table 43 PR-WEDIT.
11	MAK	A 3	Make of gun		Y*	Y*	Required on Entry transaction. Validated against Table 70 PR-WMAKE.
12	MOD	A 9	Gun model				
13	CAL	A 15	Gun caliber		Y*		Required on Entry transaction. Validated against Table 51 PR-GCAL.
14	BBL	N 5	Barrel length of weapon				Format is NNN (feet) NN (inches).

Fig. 2 Table of Gun Transaction Elements: EG, MG, LG, CG, XG

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
15	WSD	A 15	Weapon sight description				
16	COL	A 3, occurs 2	Color				Validated against APSIN table 42 PR-COLOR.
17	SER	A 20	Gun Serial number			Y*	All NCIC modify transactions (M, X, L and C) must be uniquely identifiable using the case number (OCA) along with either NIC or SER.
18	PST	A 1	Property status		Y		Must be one of the following: S - stolen F - found M - missing R - recovered
19	AGI	A 4	Agency ID	Issuing or arresting agency ID	Y		Agency ID is always required. The combination OCA, CIN and AGI are required to enter a stolen gun. The Agency ID must be found in the APSIN Company file.
20	EIA	A 5	Employee ID in APSIN	Employee ID in APSIN			Must be a valid employee ID on the APSIN Person file.
21	MIS	A 200	Miscellaneous comment or information		Y*		Required on Entry transaction.

Fig. 2 Table of Gun Transaction Elements: EG, MG, LG, CG, XG

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
22	NIC	A 10	NCIC number	Unique ID assigned to gun by NCIC.		Y*	<p>The NIC can be used along with the OCA and AGI to uniquely identify a property record for update or query transactions in APSIN.</p> <p>NCIC requires NCIC number on all transactions except Entry. In an entry transaction if the APS flag is set to B, the NCIC number will be assigned by NCIC and sent back to the submitting agency.</p> <p>All NCIC modify transactions (M, X, L and C) must be uniquely identifiable using the NCIC number along with one of the following: OCA, SER or OAN.</p>
23	BIN	A 3	Storage bin number				Not permitted with status S (stolen).
24	SLT	A 30	Storage location text				Not permitted with status S (stolen).
25	SLC	A 20	Storage location city				<p>Must be a valid Alaska city validated in APSIN table 17 AD-CITY.</p> <p>Not permitted with status S (stolen).</p>
26	SCA	A 9	Special case number	Special case no, for msg to NCIC		Y*	For Locate and Clear messages to be sent to NCIC. It is used for the case number for the agency that located the property item.
27	SRI	A 9	Special ORI	Special ORI, for msg to NCIC			For Clear messages to be sent to NCIC. It is used for the ORI of the agency that located the gun.

Fig. 3 Table of Securities Transaction Elements: ES, MS, LS, CS, XS

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 3	Message key		Y	Y	ES - Enter stolen security MS - Modify stolen security XS - Cancel stolen security LS - Locate security CS - Clear stolen security
2	APS	A 1	APSIN / NCIC indicator	A or blank = process against APSIN only B = process against APSIN and NCIC			A - APSIN only B - APSIN and NCIC If APS is not included, the transaction will be processed as APSIN-only.
3	CAT	A 1	Property category		Y		Must be S (security).
4	ORI	A 9	Originating agency identifier			Y	The identifier of the originating agency. Validated against APSIN Company and Security files. ORI is mandatory when APS is B (to be processed by NCIC).
5	OCA	A 9	Originating agency case number		Y	Y*	Case number is always required along with the Agency (AGI). The combination OCA, CIN and AGI are required to enter a stolen security. All NCIC modify transactions (M, X, L and C) must be uniquely identifiable using the case number (OCA) along with either NIC or SER.

Fig. 3 Table of Securities Transaction Elements: ES, MS, LS, CS, XS

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
6	CIN	N 4	Item number on case		Y*		The combination OCA, CIN and AGI are required to enter a stolen security. The CIN can be used along with the OCA and AGI to uniquely identify a property record for update or query transactions.
7	TYP	A 2	Security type (APSIN property subtype)		Y*	Y*	Required on Entry transaction. Validate against APSIN table 65 PR-SEDT.
8	DEN	A 9	Denomination		Y*		Denomination is required for all securities types except CC. See APSIN table 65 PR-SEDT.
9	ISS	A 30	Issuer		Y		Issuer is required for all securities types.
10	MIS	A 200	Miscellaneous comment or information		Y		Comments are required for all securities types.
11	DOT	N 8	Date of theft	Status date, date of theft or recovery	Y	Y*	Format = MMDDYYYY The Status date must be present on all securities update transactions, except that it can be erased on XS and CS transactions. NCIC requires DOT on Entry transaction.
12	PST	A 1	Property status		Y		Must be one of the following: S - stolen F - found M - missing R - recovered

Fig. 3 Table of Securities Transaction Elements: ES, MS, LS, CS, XS

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
13	SDT	N 8	Date or series year of a security				<p>Security date is required on about one-third of securities types. See APSIN table 65 PR-SEDIT.</p> <p>If Security type is currency (money) its date must be the year of issue 1850 - 2050, and the fifth character must not be numeric.</p> <p>If Security type is non-currency, its date must be prepended with P or M (P = ISSUE DATE, M = MATURITY DATE) followed by MMDDYYYY date.</p>
14	SID	N 7	State identification number	Alaska state ID number for person; the APSIN ID.	Y*		<p>The APSIN ID of the property owner or person reporting the property status.</p> <p>The SID is required</p> <p>SID cannot be erased if the property is in Stolen status.</p>
15	ADL	N 7	Alaska drivers license number	ADL is generated by Division of Motor Vehicles. ADL can be used to locate a person record in the APSIN database.	Y*		<p>The ADL of the property owner or person reporting the property status.</p> <p>ADLs are stored in APSIN along with their associated SID. If the ADL is sent, the system finds the associated SID and stores the SID value on the property record.</p>
16	EIA	A 5	Employee ID in APSIN	Employee ID in APSIN			Must be a valid employee ID on the APSIN Person file.
17	BIN	A 3	Storage bin number				Not permitted with status S (stolen).
18	SLT	A 30	Storage location text				Not permitted with status S (stolen).
19	SLC	A 20	Storage location city				<p>Must be a valid Alaska city validated in APSIN table 17 AD-CITY.</p> <p>Not permitted with status S (stolen).</p>

Fig. 3 Table of Securities Transaction Elements: ES, MS, LS, CS, XS

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
20	SER	A 20	Serial number for articles, guns, securities, vehicle parts			Y*	All NCIC modify transactions (M, X, L and C) must be uniquely identifiable using the case number (OCA) along with either NIC or SER.
21	AGI	A 4	Agency ID	Issuing or arresting agency ID	Y		Agency ID is always required. The combination OCA, CIN and AGI are required to enter a stolen security. The Agency ID must be found in the APSIN Company file.
22	NIC	A 10	NCIC number	Unique ID assigned to a security from NCIC		Y*	The NIC can be used along with the OCA and AGI to uniquely identify a property record for update or query transactions in APSIN. NCIC requires NCIC number on all transactions except Entry. In an entry transaction if the APS flag is set to B, the NCIC number will be assigned by NCIC and sent back to the submitting agency. All NCIC modify transactions (M, X, L and C) must be uniquely identifiable using the NCIC number along with one of the following: OCA, SER or OAN.
23	SCA	A 9	Special case number	Special case no, for msg to NCIC			For Locate and Clear messages to be sent to NCIC. It is used for the case number for the agency that located the property item.
24	SRI	A 9	Special ORI	Special ORI, for msg to NCIC			For Clear messages to be sent to NCIC. It is used for the ORI of the agency that located the security.
25	LKI	A 9	Linkage agency identifier				
26	LKA	A 20	Linkage case number				

Fig. 3 Table of Securities Transaction Elements: ES, MS, LS, CS, XS							
Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
27	NOA	A 1	Notify originating agency				

2. ENTER PROPERTY INTO APSIN (EA, EG, ES)

Property categories include articles (A), guns (G) and securities (S). When property is stolen or reported missing, and there is no existing record in APSIN for the property, an entry transaction (EA, EG or ES) is used to add a property status record into APSIN.

When an item is added to NCIC using the EA, EG and ES transactions, the item's NCIC number is returned to (and stored within) APSIN, and is forwarded by APSIN to the requesting agency.

Property requires the APSIN ID (SID) of the person owning the property or the person reporting the property status. The ADL (Alaska Driving License) can be sent instead of the SID. The system finds the ADL in APSIN but will store the associated SID value on the property record.

If the person's SID or ADL is unknown, use the Chapter III Person Transactions to determine if the person is in APSIN. If the person is not in APSIN, the person must be added to APSIN before the property can be entered. The person may be added via online APSIN or through an interface EPD (Enter Person Demographic) transaction. Use the person's newly assigned SID in the enter property transaction.

APSIN uses a concatenated key for Stolen and Recovered Property consisting of the Agency Id, the Agency Case Number and the Item Number for that case. All three fields **MUST** be present to establish a record. The category field is required to determine which values are valid for the type of property being entered.

For descriptions of validation requirements for all of the individual message fields for the property update transactions, see figures:

Fig. 1 Table of Article Transaction Elements: EA, MA, LA, CA, XA

Fig. 2 Table of Gun Transaction Elements: EG, MG, LG, CG, XG

Fig. 3 Table of Securities Transaction Elements: ES, MS, LS, CS, XS

The following input fields are required (and must be valid) to add a property to APSIN as stolen, found, or other status (if the property item is to be sent to NCIC, additional criteria are specified in **Section 4**):

- Agency ID (AGI)
- Category (CAT):

Category	Description
A	Article
G	Gun
S	Security
- Case number (OCA)
- Item number (CIN)
- Either:
 - APSIN ID (SID) of the owner or person reporting the property status

- Alaska driver license (ADL) of the owner or person reporting the property status
- Property status (PST) - valid Status values for each Category:
 - S (stolen)
 - M (missing) – or Lost
 - F (found) – the item was not reported as stolen or missing
 - R – Stolen property was recovered
- Status date of theft (DOT) - date stolen, missing, or found.
- Miscellaneous comment (MIS)

Additional mandatory fields to add an Article (category A) are:

- Type (TYP) – Article type, listed in APSIN table 48 PR-AEDIT
- Article brand name (BRA)
- Model (MOD)

Additional mandatory fields to add a gun (category G) are:

- Type (TYP) – Gun type, listed in APSIN table 43 PR-WEDIT
- Make (MAK) – Gun make, listed in APSIN table 70 PR-WMAKE
- Gun caliber (CAL) – listed in APSIN table 51 PR-GCAL

Additional mandatory fields to add a security (category S) are:

- Type (TYP) – Securities type, listed in APSIN table 65 PR-SEEDIT
- Denomination (DEN) – is required for all securities types except CC
- Issuer (ISS)

2.1. Enter Property (EA, EG or ES) sample requests and responses

Successful request and response for adding a gun to APSIN and the NCIC Gun file:

- *TransmissionHeader*EG.APS/B.ORI/AKAST0102.SID/6000656.OCA/TST07G001.CIN/1.DOT/03282007.CAT/G.TYP/A.MAK/COL.MOD/450ZX9MM.CAL/9.SER/ZD99059DV.PST/S.AGI/INFO.MIS/THEFT FROM UNDER SEAT OF UNLOCKED VEHICLE
- *ResponseHeader*TXT/9000 EG MESSAGE SUCCESSFULLY UPDATED IN APSIN
- *ResponseHeader*TXT/ <===== From here down is from NCIC
TL01AJL012713200132
AKAST0102
NIC/G231140169 SER/ZD99059DV
** TEST** THIS RESPONSE IS FROM THE NCIC TEST SYSTEM.

Unsuccessful request and response for adding a gun without identifying the owner:

- *TransmissionHeader*EG.APS/B.ORI/AKAST0102.OCA/TST07G001.CIN/1.DOT/03282007.CAT/G.TYP/A.MAK/COL.MOD/450ZX9MM.CAL/9.SER/ZD99059DV.PST/S.AGI/INFO.MIS/THEFT FROM UNDER SEAT OF UNLOCKED VEHICLE
- *ResponseHeader*TXT/6126 ERROR-OWNER ID REQUIRED

- *ResponseHeader*TEXT/0123 ERROR-PLEASE SEND AN OWNER ID NUMBER OR SEND A PERSON ADD/UPDATE MESSAGE TO ADD MISC ID NUMBER TO APSIN; PROPERTY, ITEM OWNER IS UNKNOWN

3. *PROPERTY MODIFY (M), LOCATE (L), CLEAR (C), AND CANCEL (X) TRANSACTIONS*

For descriptions of validation requirements for all of the individual message fields for the property update transactions, see figures:

Fig. 1 Table of Article Transaction Elements: EA, MA, LA, CA, XA

Fig. 2 Table of Gun Transaction Elements: EG, MG, LG, CG, XG

Fig. 3 Table of Securities Transaction Elements: ES, MS, LS, CS, XS

Modification transactions are used to change data about the property, the status of an item or to clear or cancel a property record.

Property items are cleared when they have been located or their status has expired. The record will be removed from both NCIC and APSIN. Located items are automatically deleted by NCIC after ten days. A clear actually removes the record from the NCIC active files and places it in retired file status where it can be retrieved only by use of a Global Inquiry (SPRQ).

Items are canceled (XA, XG, XS) if they were mistakenly entered with a law enforcement status. Canceling results in deleting the property from the APSIN property file and NCIC. These items are not kept in the NCIC retired file.

In the normal course of business a property item is added to APSIN using the Enter transaction (EA, EG or ES), and eventually, many property items are located (LV, LG or LS) or cleared (CA, CG or CS). It is not unusual for a law enforcement agency to submit the entry transaction, and eventually attempt a Locate or Clear transaction only to receive a response from the interface that the property item is not found in APSIN. This is typically because the property item has been located or cleared by someone else. For example, a security might be added to APSIN by a police department dispatcher, and later located by the Alaska State Troopers and cleared by their dispatcher.

The following input fields are required (and must be valid) to modify a property in APSIN:

- Category (CAT)
- Agency ID (AGI)
- Case number (OCA)
- Either:
 - Case item number (CIN)
 - NCIC number (NIC)
- Property status (PST) - valid Status values for each Category:
 - S (stolen)
 - M (missing)
 - F (found)
 - R (recovered)
- Status date of theft (DOT) - date stolen, located, etc.

If the message is also to be sent to NCIC, additional criteria are specified in **Section 4**.

If the input NCIC number does not match the APSIN NCIC number for the property item in APSIN with the input case number and item number, an error is not returned, allowing agencies to update the NCIC number if necessary (such as if it had been manually entered incorrectly into APSIN).

Fields that cannot be modified:

- Agency ID (AGI)
- Category (CAT)
- Case number (OCA)
- Case item number (CIN)

Most other fields can be modified with the following conditional exceptions:

- NCIC number (NIC) – You can update a property item with the correct NCIC number on an APSIN-only transaction, but NCIC number cannot be changed by any transaction that is to be sent to NCIC (otherwise the NCIC transaction would not match correctly).
- The owner of an item of property can be changed by inputting the owner's APSIN ID/Alaska driver license number or Agency identifier number.

Error responses are sent when the item cannot be updated as follows:

- Property is not found in APSIN that matches the input combination Agency ID/Case number/(Item or NCIC number).
- The input category does not match the category in APSIN for the case number and item number.
- Missing or invalid mandatory fields.
- Existing property-item status record's agency ID is not an ID used by the sending agency.

Validation-error responses are sent when the item is successfully updated but the transaction contains invalid non-mandatory data which was passed-by for updating.

3.1. Property update (M, L, C, X) sample requests and responses

Successful MG request and response for modifying a gun's barrel length:

- *TransmissionHeader*MG.APS/B.ORI/AKAST0102.NIC/G231140169.SID/6000656.OCA/TS
T07G001.CAT/G.AGI/INFO.BBL/00006.PST/S.DOT/03282007
- *ResponseHeader*TXT/9000 MG MESSAGE SUCCESSFULLY UPDATED IN APSIN
- *ResponseHeader*TXT/TL01AJL012714000140 <===== From here down is from NCIC
AKAST0102
MODIFY NIC/G231140169
** TEST** THIS RESPONSE IS FROM THE NCIC TEST SYSTEM.

Unsuccessful MG request and response for modifying a gun without specifying status and status date:

- *TransmissionHeader*MG.APS/B.ORI/AKAST0102.NIC/G231140169.SID/6000656.OCA/TS
T07G001.CAT/G.AGI/INFO.BBL/00006

- *ResponseHeader*TEXT/6140 ERROR-STATUS CODE MUST BE 'S', 'F', 'R', OR 'M'
- *ResponseHeader*TEXT/6030 ERROR-STATUS DATE REQUIRED FOR ALL PROPERTY IN APSIN

Partially successful LG request and response for locating a gun. The NCIC portion failed because you cannot perform an NCIC locate on your own ORI's property (use Clear transaction instead):

- *TransmissionHeader*LG.APS/B.ORI/AKAST0102.NIC/G231140169.SID/6000656.OCA/TS T07G001.CAT/G.AGI/INFO.PST/R.DOT/03302007.SCA/TST07G001
- *ResponseHeader*TEXT/9000 LG MESSAGE SUCCESSFULLY UPDATED IN APSI
- *ResponseHeader*TEXT/TL01AJL012715600156<===== *From here down is from NCIC*
AKAST0102
REJECT - NOT AUTHORIZED
** TEST** THIS RESPONSE IS FROM THE NCIC TEST SYSTEM.
TN01AJL012715600156.LG.AKAST0102.NIC/G231140169.OCA/TST07G001.200

Unsuccessful LG request and response for locating a gun using NIC, but no Special case number (SCA):

- *TransmissionHeader*LG.APS/B.ORI/AKAST0102.NIC/G231140169.SID/6000656.OCA/TS T07G001.CAT/G.AGI/INFO.PST/R.DOT/03302007
- *ResponseHeader*TEXT/6033 ERROR-SPECIAL CASE NUMBER REQUIRED
- *ResponseHeader*TEXT/6121 ERROR-NCIC REQUIRES SPECIAL CASE NUMBER

Successful CG request and response for clearing a gun:

- *TransmissionHeader*CG.APS/B.ORI/AKAST0102.NIC/G231140169.SID/6000656.OCA/TS T07G001.CAT/G.AGI/INFO.PST/R.DOT/03302007
- *ResponseHeader*TEXT/9000 CG MESSAGE SUCCESSFULLY UPDATED IN APSIN
- *ResponseHeader*TEXT/TL01AJL012715700157 <===== *From here down is from NCIC*
AKAST0102
CLEAR NIC/G231140169
** TEST** THIS RESPONSE IS FROM THE NCIC TEST SYSTEM.
.....
RECORD DELETED FROM APSIN AND NCIC

4. PROPERTY UPDATE PROCESSING BY NCIC

When the APSIN/NCIC indicator (APS) is B on a property update transaction, numerous fields will be passed for processing by NCIC. For descriptions of fields that are passed to NCIC see figures:

Fig. 4 Table of NCIC Messages resulting from APSIN Article transactions: EA, MA, LA, CA, XA

Fig. 5 Table of NCIC Messages resulting from APSIN Gun transactions: EG, MG, LG, CG, XG

Fig. 6 Table of NCIC Messages resulting from APSIN Securities transactions: ES, MS, LS, CS, XS

4.1. Add Property to NCIC

NCIC number must *not* be provided for Enter transactions; the end result of a successful entry transaction will be for APSIN to have been updated by NCIC with the generated NCIC number.

All NCIC property-related adds require the following property-identification fields:

- Message key (MKE) – automatically included by APSIN
- Originating agency identifier (ORI) – not required by APSIN, but always required by NCIC

In addition to the fields required by APSIN (*see Section 2*), adding a property to NCIC requires fields that are described for each category:

1. Article (category A) requires at least one of the following identifiers:

- Originating agency case number (OCA)
- Either:
 - Serial number (SER)
 - Owner-applied number (OAN)
- Type (TYP)
- Brand (BRA)
- Date of theft (DOT)

2. Gun (category G):

- Originating agency case number (OCA)
- Serial number (SER)
- Type (TYP)
- Make (MAK)
- Caliber (CAL)
- Date of theft (DOT)

3. Security (category S):

- Originating agency case number (OCA)
- Serial number (SER)
- Type (TYP)
- Denomination (DEN)
- Issuer (ISS)
- Owner (OWN)
- Date of theft (DOT)

4.2. NCIC requirements for all Property update transactions

All NCIC property-related updates require the following property-identification fields:

- Message key (MKE) – automatically included by APSIN
- Originating agency identifier (ORI) – not required by APSIN, but always required by NCIC
- For ***guns*** and ***securities***:
 - Originating agency case number (OCA)
 - Either:
 - NCIC number (NIC)
 - Serial number (SER)
- For ***articles***:
 - NCIC number (NIC)
 - Any of the following:
 - Originating agency case number (OCA)
 - Serial number (SER)
 - Owner-applied number (OAN)

After an initial Enter transaction with APS = B (to be processed by both APSIN and NCIC) has been successfully processed, the APSIN record will contain the property item's unique NCIC number. When a successive update transaction (M, L, C or X) modifies the record and APS = B is specified, the required items listed above will be available automatically from APSIN in addition to the NCIC number.

4.3. Modify or delete property data in NCIC

If the NCIC number is not contained in the incoming message, APSIN will put it into the message sent to NCIC after APSIN matches the incoming item to an existing APSIN item for which NCIC number is recorded.

As described in 3.1, the required fields are added to the NCIC message by APSIN. For Modify transactions, most non-mandatory fields may be updated. For Clear (C), Locate (L) and Cancel (X) transactions, the APSIN status date field (Date of theft (DOT)) is automatically moved to the appropriate outgoing NCIC field (DCL, DOR, DOC).

Fig. 4 Table of NCIC Messages resulting from APSIN Article transactions: EA, MA, LA, CA, XA

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 4	Message key			Y	NCIC Article transactions generated by the APSIN are identical in name to the APSIN Law Enforcement interface's article-update transactions: EA - Enter stolen article MA - Modify stolen article XA - Cancel stolen article LA - Locate stolen article CA - Clear stolen article
2	ORI	A 9	Originating agency identifier			Y	Originating agency identifier is required on all property transactions.
3	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system		Y*	NCIC number is not included in Entry transactions - the Entry transaction itself establishes the NCIC number. All modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using the NCIC number along with one of the following: OCA, SER or OAN.
4	OCA	A 9	Originating agency case number			Y	Required on EA transaction. All modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using the NCIC number along with one of the following: OCA, SER or OAN.
5	SER	A 20	Serial number for articles, guns, securities, vehicle parts			Y*	The Entry transaction requires either SER or OAN. All modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using the NCIC number along with one of the following: OCA, SER or OAN.

Fig. 4 Table of NCIC Messages resulting from APSIN Article transactions: EA, MA, LA, CA, XA

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
6	OAN	A 20	Owner applied number	Identification information that is affixed, imprinted or engraved on the property by the owner.		Y*	The Entry transaction requires either SER or OAN. All modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using the NCIC number along with one of the following: OCA, SER or OAN.
7	TYP	A 7	Article/gun/security type (APSIN property subtype)			Y*	Required on Entry transaction.
8	BRA	A 6	Article brand name			Y*	Required on Entry transaction.
9	MOD	A 9	Article, gun, vehicle model				
10	DOT	N 8	Date of theft	Status date, date of theft or recovery		Y*	Required on Entry transaction.
11	MIS	A 200	Miscellaneous comment or information				
12	DOC	N 8	Date of cancellation			Y*	Date of cancellation is required on Cancel transactions. It is automatically inserted by the system when the Cancel transaction is processed.
13	DCL	N 8	Date of Clear			Y*	Date of Clear is required on Clear transactions. It is automatically inserted by the system when the Clear transaction is processed.
14	DOR	N 8	Date of apprehension, location, or recovery			Y*	Date of Recovery is required on Locate transactions. It is automatically inserted by the system when the Locate transaction is processed.
15	RRI	A 9	Recovering agency identifier				Used on Clear transaction only. RRI is copied from SRI on the incoming APSIN message, but if SRI is blank, NCIC RRI value will be copied from ORI.

Fig. 4 Table of NCIC Messages resulting from APSIN Article transactions: EA, MA, LA, CA, XA

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
16	RCA	A 9	Recovering agency case number				Used on Locate and Clear transactions. RCA is copied from SCA on the incoming APSIN message, but if SCA is blank, NCIC RCA value will be copied from OCA.

Fig. 5 Table of NCIC Messages resulting from APSIN Gun transactions: EG, MG, LG, CG, XG

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 4	Message key			Y	NCIC gun transactions generated by the APSIN are identical in name to the APSIN Law Enforcement interface's gun-update transactions: EG - Enter stolen gun MG - Modify stolen gun XG - Cancel stolen gun LG - Locate stolen gun CG - Clear stolen gun
2	ORI	A 9	Originating agency identifier			Y	Originating agency identifier is required on all property transactions.
3	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system		Y*	NCIC number is not included in Entry transactions - the Entry transaction itself establishes the NCIC number. All modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using the case number (OCA) along with either NIC or SER.
4	OCA	A 9	Originating agency case number			Y	Required on EG transaction. All modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using the case number (OCA) along with either NIC or SER.
5	SER	A 20	Serial number for articles, guns, securities, vehicle parts			Y*	The Entry transaction requires either SER or OAN. All modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using the case number (OCA) along with either NIC or SER.

Fig. 5 Table of NCIC Messages resulting from APSIN Gun transactions: EG, MG, LG, CG, XG

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
6	MAK	A 23	Make of vehicle or gun			Y*	Required on Entry transaction.
7	MOD	A 9	Article, gun, vehicle model				
8	CAL	N 4	Gun caliber			Y*	Required on Entry transaction.
9	TYP	A 7	Article/gun/security type (APSIN property subtype)			Y*	Required on Entry transaction.
10	DOT	N 8	Date of theft	Status date, date of theft or recovery		Y*	Required on Entry transaction.
11	MIS	A 200	Miscellaneous comment or information				
12	DOC	N 8	Date of cancellation			Y*	Date of cancellation is required on Cancel transactions. It is automatically inserted by the system when the Cancel transaction is processed.
13	DOR	N 8	Date of apprehension, location, or recovery			Y*	Date of Recovery is required on Locate transactions. It is automatically inserted by the system when the Locate transaction is processed.
14	DCL	N 8	Date of Clear			Y*	Date of Clear is required on Clear transactions. It is automatically inserted by the system when the Clear transaction is processed.
15	RRI	A 9	Recovering agency identifier				Used on Clear transaction only. RRI is copied from SRI on the incoming APSIN message, but if SRI is blank, NCIC RRI value will be copied from ORI.
16	RCA	A 9	Recovering agency case number				Used on Locate and Clear transactions. RCA is copied from SCA on the incoming APSIN message, but if SCA is blank, NCIC RCA value will be copied from OCA.

Fig. 6 Table of NCIC Messages resulting from APSIN Securities transactions: ES, MS, LS, CS, XS

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 4	Message key			Y	NCIC securities transactions generated by the APSIN are identical in name to the APSIN Law Enforcement interface's securities-update transactions: ES - Enter stolen security MS - Modify stolen security XS - Cancel stolen security LS - Locate stolen security CS - Clear stolen security
2	ORI	A 9	Originating agency identifier			Y	Originating agency identifier is required on all property transactions.
3	TYP	A 7	Article/gun/security type (APSIN property subtype)			Y*	Required on the Entry transaction.
4	SER	A 20	Serial number for articles, guns, securities, vehicle parts			Y*	Required on the Entry transaction. All modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using the case number (OCA) along with either NIC or SER.
5	DEN	A 9	Denomination			Y*	Required on the Entry transaction.
6	ISS	A 15	Issuer			Y*	Required on the Entry transaction.
7	OWN	A 40	Securities owner			Y*	Required on the Entry transaction.
8	SOC	N 9	Social security number				
9	SDT	N 8	Date or series year of a security				
10	DOT	N 8	Date of theft	Status date, date of theft or recovery		Y*	Required on the Entry transaction.

Fig. 6 Table of NCIC Messages resulting from APSIN Securities transactions: ES, MS, LS, CS, XS

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
11	OCA	A 9	Originating agency case number			Y	Required on all securities-update transactions (E, M, X, L and C).
12	LKI	A 9	Linkage agency identifier				
13	LKA	A 20	Linkage case number				
14	MIS	A 200	Miscellaneous comment or information				
15	NOA	A 1	Notify originating agency				
16	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system		Y*	NCIC number is not included in Entry transactions - the Entry transaction itself establishes the NCIC number. All modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using the case number (OCA) along with either NIC or SER.
17	DOC	N 8	Date of cancellation			Y*	Date of cancellation is required on Cancel transactions. It is automatically inserted by the system when the Cancel transaction is processed.
18	DOR	N 8	Date of apprehension, location, or recovery			Y*	Date of Recovery is required on Locate transactions. It is automatically inserted by the system when the Locate transaction is processed.
19	DCL	N 8	Date of Clear			Y*	Date of Clear is required on Clear transactions. It is automatically inserted by the system when the Clear transaction is processed.

Fig. 6 Table of NCIC Messages resulting from APSIN Securities transactions: ES, MS, LS, CS, XS

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
20	RRI	A 9	Recovering agency identifier				Used on Clear transaction only. RRI is copied from SRI on the incoming APSIN message, but if SRI is blank, NCIC RRI value will be copied from ORI.
21	RCA	A 9	Recovering agency case number				Used on Locate and Clear transactions. RCA is copied from SCA on the incoming APSIN message, but if SCA is blank, NCIC RCA value will be copied from OCA.

Fig. 7 Table of Article Query Transaction Elements: QAL, QA Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 3	Message key		Y	Y	<p>QA - Query Article QAL - Query Article List</p> <p>Only a QA transaction can be transmitted to NCIC (when APS is B).</p> <p>SEARCH CRITERIA At least one of the following identifiers (or sets of identifiers) must be supplied, or the transaction will be rejected:</p> <ul style="list-style-type: none"> - OCA, CIN, AGI - Serial number (SER) or Serial number last four digits (SLF) - NCIC number (NIC) - Type (TYP) and Brand (BRA) - Type (TYP) and Model (MOD)
2	APS	A 1	APSIN / NCIC indicator	A or blank = process against APSIN only B = process against APSIN and NCIC			If APS is not included, the transaction will be processed as APSIN-only.
3	FMT	A 1	Formatted response indicator	'N' for Data Transmission Format or 'Y' for Presentation Response Format.			Format response indicator can be either N or Y, however, only Y (Presentation Response Format) is presently available.

Fig. 7 Table of Article Query Transaction Elements: QAL, QA Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
4	SRT	N 4	Search return total	Used to request max number to be returned for list type query response			On a QAL transaction, use SRT to specify the maximum number of property records you wish to be listed from the interface. Note: The QAL transaction does not have the companion Search result sequence number (SRS) feature that is available in some other list transactions like QPB and QCP.
5	CAT	A 1	Property category		Y		The Category must be A (article). If it is not, the system will automatically reset it to A.
6	ORI	A 9	Originating agency identifier			Y	The identifier of the originating agency. Validated against APSIN Company and Security files. ORI is mandatory when APS is B.
7	OCA	A 9	Originating agency case number		Y*		Agency ID (AGI), Originating agency case number (OCA), and Item number on case (CIN) are a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.
8	CIN	N 4	Item number on case		Y*		Agency ID (AGI), Originating agency case number (OCA), and Item number on case (CIN) are a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.
9	TYP	A 7	Article/gun/security type (APSIN property subtype)		Y*		Type is validated against APSIN table 48 PR-AEDIT. Type (TYP) may be used in combination with either Brand (BRA) or Model (MOD) as a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.

Fig. 7 Table of Article Query Transaction Elements: QAL, QA Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
10	BRA	A 6	Article brand name		Y*		Type (TYP) and Brand (BRA) may be used as a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.
11	MOD	A 11	Article, gun, vehicle model		Y*		Type (TYP) and Model (MOD) may be used as a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.
12	OAN	A 20	Owner applied number	Identification information that is affixed, imprinted or engraved on the property by the owner.			
13	SER	A 21	Serial number for articles, guns, securities, vehicle parts		Y*		See SEARCH CRITERIA in the MKE entry.
14	SLF	A 4	Last four characters of serial number		Y*		See SEARCH CRITERIA in the MKE entry.
15	AGI	A 4	Agency ID	Issuing or arresting agency ID	Y*		Agency ID (AGI), Originating agency case number (OCA), and Item number on case (CIN) are a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry. Must be a valid agency code on APSIN Company file.
16	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system			NCIC number is edited for valid format to prevent spurious messages from being sent to NCIC. See SEARCH CRITERIA in the MKE entry.

Fig. 8 Table of Gun Query Transaction Elements: QGL, QG Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 3	Message key		Y	Y	<p>QG - Query Gun QGL - Query Gun List</p> <p>Only a QG transaction can be transmitted to NCIC (when APS is B).</p> <p>SEARCH CRITERIA At least one of the following identifiers (or sets of identifiers) must be supplied, or the transaction will be rejected:</p> <ul style="list-style-type: none"> - OCA, CIN, AGI - Serial number (SER) or Serial number last four digits (SLF) - NCIC number (NIC) - Type (TYP) / Make (MAK) - TYP / Model (MOD) - TYP / Caliber (CAL)
2	APS	A 1	APSIN / NCIC indicator	A or blank = process against APSIN only B = process against APSIN and NCIC			If APS is not included, the transaction will be processed as APSIN-only.
3	FMT	A 1	Formatted response indicator	'N' for Data Transmission Format or 'Y' for Presentation Response Format.			Format response indicator can be either N or Y, however, only Y (Presentation Response Format) is presently available.

Fig. 8 Table of Gun Query Transaction Elements: QGL, QG Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
4	SRT	N 4	Search return total	Used to request max number to be returned for list type query response			On a QGL transaction, use SRT to specify the maximum number of property records you wish to be listed from the interface. Note: The QGL transaction does not have the companion Search result sequence number (SRS) feature that is available in some other list transactions like QPB and QCP.
5	CAT	A 1	Property category		Y		The Category must be G (gun). If it is not, the system will automatically reset it to G.
6	ORI	A 9	Originating agency identifier			Y	The identifier of the originating agency. Validated against APSIN Company and Security files. ORI is mandatory when APS is B.
7	OCA	A 9	Originating agency case number		Y*		Agency ID (AGI), Originating agency case number (OCA), and Item number on case (CIN) are a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.
8	CIN	N 4	Item number on case		Y*		Agency ID (AGI), Originating agency case number (OCA), and Item number on case (CIN) are a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.
9	TYP	A 7	Article/gun/security type (APSIN property subtype)		Y*		Type is validated against APSIN table 40 PR-WEDIT. Type (TYP) may be used in combination with either Make (MAK), Model (MOD) or Caliber (CAL) as a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.

Fig. 8 Table of Gun Query Transaction Elements: QGL, QG Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
10	MAK	A 23	Make of vehicle or gun		Y*		Type (TYP) and Make (MAK) may be used as a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.
11	MOD	A 11	Article, gun, vehicle model		Y*		Type (TYP) and Model (MOD) may be used as a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.
12	CAL	A 4	Gun caliber		Y*		Type (TYP) and Caliber (CAL) may be used as a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.
13	SER	A 21	Serial number for articles, guns, securities, vehicle parts		Y*		See SEARCH CRITERIA in the MKE entry.
14	SLF	A 4	Last four characters of serial number		Y*		See SEARCH CRITERIA in the MKE entry.
15	AGI	A 4	Agency ID	Issuing or arresting agency ID	Y*		Agency ID (AGI), Originating agency case number (OCA), and Item number on case (CIN) are a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry. Must be a valid agency code on APSIN Company file.
16	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system			NCIC number is edited for valid format to prevent spurious messages from being sent to NCIC. See SEARCH CRITERIA in the MKE entry.

Fig. 9 Table of Securities Query Transaction Elements: QSL, QS Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 3	Message key		Y	Y	<p>QS - Query Security QSL - Query Security List</p> <p>Only a QS transaction can be transmitted to NCIC (when APS is B).</p> <p>SEARCH CRITERIA At least one of the following identifiers (or sets of identifiers) must be supplied, or the transaction will be rejected:</p> <ul style="list-style-type: none"> - OCA, CIN, AGI - Serial number (SER) - NCIC number (NIC) - Type (TYP) / Denomination (DEN)
2	APS	A 1	APSIN / NCIC indicator	A or blank = process against APSIN only B = process against APSIN and NCIC			If APS is not included, the transaction will be processed as APSIN-only.
3	FMT	A 1	Formatted response indicator	'N' for Data Transmission Format or 'Y' for Presentation Response Format.			Format response indicator can be either N or Y, however, only Y (Presentation Response Format) is presently available.
4	SRT	N 4	Search return total	Used to request max number to be returned for list type query response			<p>On a QSL transaction, use SRT to specify the maximum number of property records you wish to be listed from the interface.</p> <p>Note: The QSL transaction does not have the companion Search result sequence number (SRS) feature that is available in some other list transactions like QPB and QCP.</p>

Fig. 9 Table of Securities Query Transaction Elements: QSL, QS Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
5	CAT	A 1	Property category		Y		The Category must be S (security). If it is not, the system will automatically reset it to S.
6	ORI	A 9	Originating agency identifier			Y	The identifier of the originating agency. Validated against APSIN Company and Security files. ORI is mandatory when APS is B.
7	OCA	A 9	Originating agency case number		Y*		Agency ID (AGI), Originating agency case number (OCA), and Item number on case (CIN) are a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.
8	CIN	N 4	Item number on case		Y*		Agency ID (AGI), Originating agency case number (OCA), and Item number on case (CIN) are a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry.
9	TYP	A 7	Article/gun/security type (APSIN property subtype)		Y*		Type is validated against APSIN table 65 PR-SEEDIT. Type (TYP) may be used in combination with Denomination (DEN) to identify a particular stolen or recovered security. See SEARCH CRITERIA in the MKE entry.
10	SER	A 21	Serial number for articles, guns, securities, vehicle parts		Y*		See SEARCH CRITERIA in the MKE entry.

Fig. 9 Table of Securities Query Transaction Elements: QSL, QS Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
11	AGI	A 4	Agency ID	Issuing or arresting agency ID	Y*		Agency ID (AGI), Originating agency case number (OCA), and Item number on case (CIN) are a set used to identify a particular piece of stolen or recovered property. See SEARCH CRITERIA in the MKE entry. Must be a valid agency code on APSIN Company file.
12	DEN		Denomination		Y*		Type (TYP) may be used in combination with Denomination (DEN) to identify a particular stolen or recovered security. See SEARCH CRITERIA in the MKE entry.
13	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system			NCIC number is edited for valid format to prevent spurious messages from being sent to NCIC. See SEARCH CRITERIA in the MKE entry.

5. **STOLEN AND RECOVERED PROPERTY QUERY TRANSACTIONS**

There are two types of property inquiry transactions for each type of property: a “property list” query and a “property item” query. The specific transaction names are:

QAL ***Query article list***

QA ***Query article***

QGL ***Query gun list***

QG ***Query gun***

QSL ***Query security list***

QS ***Query security***

The Q*L property-list transactions are used to obtain a list of stolen-property items in APSIN that match your search criteria. If one property uniquely matches the search criteria, a property item response will be returned. Q*L will not forward a query to NCIC even if you specify APS = B.

The Q* property-item transactions are used to retrieve from the APSIN database (and from NCIC if you specify APS = B) the details of a uniquely identified stolen or recovered property item. If search criteria are not unique, a property list response will be returned (and, due to lack of unique property identification, no NCIC message will be sent).

For descriptions of validation requirements for all of the individual message fields for the stolen-property query transactions see figures:

Fig. 7 Table of Article Query Transaction Elements: QAL, QA Inbound

Fig. 8 Table of Gun Query Transaction Elements: QGL, QG Inbound

Fig. 9 Table of Securities Query Transaction Elements: QSL, QS Inbound

Sections that follow show example Q*L and Q* responses.

See ***1.1. Text responses to stolen and recovered property transactions*** for the description of the text portion of each response message.

5.1. **Input requirements for Q*L and Q***

The following input fields are required when submitting Q*L and Q* transactions:

- Message key (MKE)
- Category (CAT)

For each category of property, any of the following search criteria (or sets of search criteria) must be supplied, or the transaction will be rejected:

1. Article (category A):

- Originating agency case number (OCA), Item number on case (CIN) and Agency ID (AGI)
 - Serial number (SER) or Serial number last four digits (SLF)
 - NCIC number (NIC)
 - Type (TYP) and either Brand (BRA) or Model (MOD)
2. Gun (category G):
- Originating agency case number (OCA), Item number on case (CIN) and Agency ID (AGI)
 - Serial number (SER) or Serial number last four digits (SLF)
 - NCIC number (NIC)
 - Type (TYP) and either Make (MAK), Model (MOD) or Caliber (CAL)
3. Security (category S):
- Originating agency case number (OCA), Item number on case (CIN) and Agency ID (AGI)
 - Serial number (SER)
 - NCIC number (NIC)
 - Type (TYP) and Denomination (DEN)

5.2. Q*L and Q* search logic

The system will use, in succession, the search criteria you supply to try to match stolen-property data in APSIN. The response will be either a property-list or a property-item report, depending on whether you submitted the Q*L or Q* message, and whether the system found a single or multiple property items that matched the search criteria. After the first successful match, the system disregards any search criteria that it has not yet tried.

- Article QAL/QA search sequence:
 1. NCIC number (NIC)
 2. OCA / CIN / AGI
 3. Serial number (SER)
 4. Serial number last four digits (SLF)
 5. Brand (BRA)
 6. Type (TYP) / Model (MOD)
- Gun QGL/QG search sequence is the same as that for Articles except that item 6 is Type (TYP) with either Model (MOD) or Caliber (CAL).
- Securities QSL/QS search sequence:
 1. NCIC number (NIC)
 2. OCA / CIN / AGI
 3. Serial number (SER)

4. Type (TYP) / Denomination (DEN)

5.3. Query Property List response (QAL, QGL, QSL)

The normal successful result to a Q*L message is a list of stolen-property items that match the search criteria. A Q* message received with non-unique search criteria also will usually result in a property-list response.

The property-list response will by default include all records from APSIN that match the search criteria. You may limit the number of records returned by specifying a limiting value in the Search return total (SRT) field. For example, to limit the number of records to fifty, the message would include SRT/50.

Error responses are sent when:

- Category (CAT) is not included
- Inadequate search criteria are supplied (see 4.1)
- No property records match the criteria given

Unsuccessful QAL request due to missing Case item number (CIN) or any other complete set of search criteria:

- *TransmissionHeader*QAL.APS/A.CAT/A.ORI/AKAST0101.OCA/000000003.AGI/INFO
- *ResponseHeader*TXT/0133 ERROR - INADEQUATE SEARCH CRITERIA PROVIDED FOR TRANSACTION: QAL

5.4. Query Property Item response (QA, QG, QS)

The normal successful result to a Q* message is a detailed description of the stolen property. A Q*L message received with similarly specific search criteria also will usually result in a property-item response.

If a Q* request is received with APS = B, the interface will pass on a query message to NCIC.

Error responses are sent when:

- Category (CAT) is not included
- Inadequate search criteria are supplied (see 4.1)
- No property records match the criteria given

Unsuccessful QS request due to no matching property items in APSIN:

- *TransmissionHeader*QS.APS/A.CAT/S.TYP/FR.DEN/10000.AGI/INFO
- *ResponseHeader*TXT/6175 ERROR - ITEM NOT FOUND IN APSIN

Partially successful QS request in which the APSIN query is processed but NCIC matching requirements are inadequate:

- *TransmissionHeader*QS.APS/B.CAT/S.OCA/CASE123.CIN/9.SER/SR12345678.TYP/FR.DEN/500.AGI/INFO
- *ResponseHeader*TXT/0132 ERROR - VALID ORI REQUIRED TO SEND MESSAGE TO NCIC

5.5. SAMPLE STOLEN AND RECOVERED PROPERTY QUERY (Q*L, Q*) RESPONSES

The examples on the following pages demonstrate the presentation responses for the Q*L property-list and Q* property-item transactions.

Most interface presentation-response displays are designed to almost exactly mirror a corresponding 24-line screen of APSIN. Each “page” of the response includes only 22 lines of detail because the first two lines of the 24-line response are reserved for the PAT message header, the message key, and selected transaction mnemonics (see *1.1. Text responses to stolen and recovered property transactions* for the description of the text portion of each response message).

The transactions include property categories Article (A), Gun (G) and Securities (S). The sample responses in this section refer include all three property categories.

Example 1 - QAL or QA Transaction – Property List response

This “page” represents the response to a successful QAL transaction. It is the same response that would result from a QA transaction with the same search criteria.

Input transaction fields:

- QAL.APS/A.ORI/AKAST0101.CAT/A.TYP/BBICYCL.BRA/SCHWIN

Text portion of response:

- **MKE/QAL.APS/A.TYP/BBICYCL.BRA/SCHWIN.TXT/

(Property List response)

```

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 END OF ARTICLES DISPLAY
2 APSIN INTERFACE (QA)                ARTICLES                03/30/07      17:06:08.8
3
4 SEQ# CASE NUM  ITEM AGID SERIAL NUMBER          TYPE      BRAND  MODEL      COMNT S
5 ----
6 0001 86039374    1 ANC  108784378943      BBICYCL SCHWIN R2D2      TEST S
7 0002 885034      2 ANC  12345                BBICYCL SCHWIN GIRLS     TEST S
8 0003 112233      1 ANC  12345679            BBICYCL SCHWIN RACE      TEST S
9 0004 960000034   9 INFO 8923487923MA96      BBICYCL SCHWIN MOUNTAIN  TEST S
10 0005 98002060   1 FAI  12345                BBICYCL SCHWIN FLYER     TEST S
11 0006 98002060   2 FAI  54321                BBICYCL SCHWIN FOG       TEST S
12 0007 000000001  230 INFO TESTCYCLE2      BBICYCL SCHWIN TWO WHLS  TEST S
13 0008 000000001  232 INFO TESTARTICLE232    BBICYCL SCHWIN CHROME    TEST S
14 0009 000000003   2 INFO TESTCYCLE2      BBICYCL SCHWIN TWOWHLS   TEST S
15 0010 TESTBD001   1 INFO                                BBICYCL SCHWIN NEW SCHWI THIS S
16 0011 000000003   1 INFO TESTBIKE01      BBICYCL SCHWIN RACING    SVIN S
17 0012 TESTBD001  21 INFO                                BBICYCL SCHWIN NICE      REALL S
18 0013 05-23654   1 KOD  987654                BBICYCL SCHWIN TESTER    TESTI S
19 0014 000000003  20 INFO TESTBIKE02      BBICYCL SCHWIN RACING    BIKE S
20
21
22

```


Example 2 – QA Transaction – Property Item response with APS=B (NCIC)

This page represents the response to a successful QA transaction where APS = B causing a query of the NCIC Article File. The response is comprised of the APSIN-formatted display followed by a standard NCIC response.

The same display would result on a QAL transaction where only one property item matches the search criteria, except there would be no NCIC portion. (And, you would get following error message:)

```

      TXT/0135 ERROR - THE APSIN ONLY INDICATOR (APS) CANNOT BE A "B" FOR THE QUERY
      LIST MESSAGE KEY OF: QAL

```

Input transaction fields:

```

      QA.APS/B.ORI/AKAST0101.CAT/A.OCA/000000003.CIN/20.AGI/INFO

```

Text portion of response:

```

      **MKE/QA.APS/B.OCA/000000003.CIN/20.AGI/INFO.TXT/

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1
2 APSIN INTERFACE (QA)                ARTICLES                03/30/07      16:42:43.9
3
4      STATUS: S          CASE NUM: 000000003    ITEM NUM: 0020      DATE: 02/22/2007
5      AGENCY: INFO      EMPL ID:                ENTERED IN APSIN: 02 22 2007
6
7      SERIAL NUM: TESTBIKE02                TYPE: BBICYCL
8      BRAND: SCHWIN                MODEL: RACING
9      COLOR: RED
10     OWNER ID: 6280929
11     OWNER NUM:
12
13     COMMENTS: BIKE WAS LOCKED BY CALBE TO LIGHTPOST AT LOWE'S ON OLD SEWAR
14                D HIGHWAY.  THIEF CUT THROUGH CABLE.
15
16
17     NCIC: A134015593
18
19     ARROW HEAD:                FLETCH:
20     BIN:                LOC COMMENT:
21     LOC CITY:
22

```

```

TXT/TL01AJL012716100161

```

<==== From here down is from NCIC

```

AKAST0102
MKE/STOLEN ARTICLE
ORI/AKAST0102 TYP/BBICYCL SER/TESTBIKE02 BRA/SCHWIN
MOD/RACING DOT/20070222
OCA/000000003
MIS/BIKE WAS LOCKED BY CABLE TO LIGHTPOST AT LOWE S ON OLDSEWARD HIGHWAY THIEF
MIS/CUT THROUGH CABLE
NIC/A134015593 DTE/20070222 2046 EST
ORI IS AK DPS ALASKA STATE TROOPERS 907 352-5401
** TEST** THIS RESPONSE IS FROM THE NCIC TEST SYSTEM.
.....

```

Example 3 - QGL or QG Transaction – Property List response

These two “pages” represent the first and last pages of a multi-page response to a successful QGL transaction. It is the same response that would result from a QG transaction with the same search criteria.

“ADDITIONAL WEAPONS TO DISPLAY” on line one indicates that there are more pages.
 “END OF WEAPONS DISPLAY” on the second page indicates the last page of the response.

Input transaction fields:

- QGL.APS/A.ORI/AKAST0101.CAT/G.TYP/HG.CAL/22

Text portion of response:

- **MKE/QGL.APS/A.TYP/HG.CAL/22

(Property List response - p. 1 of 2)

```

1...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 ADDITIONAL WEAPONS TO DISPLAY
2 APSIN INTERFACE (QGL)                                WEAPONS                04/03/07  10:58:34.2
3
4 SEQ# CASE NUM  ITEM AGID SERIAL NUM  MAKE MODEL    CALIBER TYP COMMENT          S
5
6 0001 KTEST1    0003 ANC   TESTGUN1    WIN                22  HG  TESTING PRJD001 S
7 0002 960000038 0008 INFO                WIN                22  HG  COMMENTS FIELD S
8 0003 960000038 0015 INFO                WIN                22  HG  COMMENT          F
9 0004 KTEST1    0006 INFO GUN12      WIN                22  HG  TEST S REC AD H S
10 0005 960000038 0016 INFO 98347220596 WIN                22  HG  TEST              R
11 0006 8600001   0005 PALE K1      WIN                22  HG  TEST EVIDENCE F S
12 0007 8546117   0003 INFO WIN1        WIN                22  HG  WINCHESTER        S
13 0008 870000010 0001 INFO WIN3131     WIN                22  HG  TEST DELETE PER S
14 0009 880000001 0001 INFO WINCHESTER7 WIN                22  HG  ROBBERY            S
15 0010 KTEST3    0001 INFO GUN123A     WIN                22  HG  TEST OF 2 SER G S
16 0011 KTEST3    0004 INFO G48        WIN  SUPER        22  HG  TEST ISN PROBLE S
17 0012 KTEST12   0001 INFO TEST12     WIN  TEST          22  HG  TEST              S
18 0013 KTEST02   0001 INFO 123TESTGUN REM                22  HG  TEST RECORD ONL S
19 0014 KTEST1    0010 INFO 88888888881 WIN  CHESTER          22  HG  CHECK FILE UPDA S
20 0015 TESTK20   0001 INFO GUN1        WIN                22  HG  TEST RECORD ONL S
21 0016 UTAH1     0007 INFO 333Q12      WIN                22  HG  TEST RECORD ONL S
22 0017 333      0001 ANC   123123      AMF  F52            22  HG  NOTCHED HANDLE S

```

(Property List response - p. 2 of 2)

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 END OF WEAPONS DISPLAY
2 APSIN INTERFACE (QGL) WEAPONS 04/03/07 10:58:34.6
3
4 SEQ# CASE NUM ITEM AGID SERIAL NUM MAKE MODEL CALIBER TYP COMMENT S
5
6 0035 000000001 0200 INFO TESTGUN2003 WIN 22 HG NCIC TESTING BY S
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

Example 4 – QG Transaction – Property Item response with APS=B (NCIC)

This page represents the response to a successful QG transaction. The same display would result on a QGL transaction where only one property item matches the search criteria.

The same display would result on a QGL transaction where only one property item matches the search criteria, except there would be no NCIC portion. (And, you would get following error message:)

```
TXT/0135 ERROR - THE APSIN ONLY INDICATOR (APS) CANNOT BE A "B" FOR THE QUERY
LIST MESSAGE KEY OF: QGL
```

Input transaction fields:

- QG.APS/B.ORI/AKAST0101.CAT/G.NIC/G901128120

Text portion of response:

- **MKE/QG.APS/B.NIC/G901128120.TXT/

```

1....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1
2 APSIN INTERFACE (QG)                      WEAPONS                      04/03/07  11:22:02.6
3
4     STATUS: F          CASE NUM: TESTMOK14   ITEM NUM: 6          DATE: 02 17 1999
5     AGENCY: INFO       EMPL ID: MOK          ENTERED IN APSIN: 00 00 0000
6
7     SERIAL NUM: TESTG61234                      TYPE: HG
8     MAKE: ELF          DESC:                      MODEL:
9     COLOR:             CALIBER: 22      BARREL LENGTH:
10    SIGHT DESC:
11    OWNER ID:
12
13    COMMENTS: GUN STOLEN FROM OWNER'S COAT LEFT ON BARSTOOL
14    NCIC: G901128120
15
16    BIN:              LOC COMMENT:
17    LOC CITY:
18
19
20
21
22
```

TXT/TL01AJL012722300223

<===== From here down is from NCIC

```
AKAST0102
MKE/STOLEN GUN
ORI/AKAST0102 SER/TESTG61234 MAK/ELF CAL/22
TYP/HG DOT/19990217
OCA/TESTMOK14
MIS/GUN STOLEN FROM OWNER S COAT LEFT ON BARSTOOL
NIC/G901128120 DTE/20070403 1520 EDT
ORI IS AK DPS ALASKA STATE TROOPERS 907 352-5401
** TEST** THIS RESPONSE IS FROM THE NCIC TEST SYSTEM.
```

.....

Example 5 - QSL or QS Transaction – Property List response

These two “pages” represent the first and last pages of a multi-page response to a successful QSL transaction. It is the same response that would result from a QS transaction with the same search criteria.

“ADDITIONAL SECURITIES TO DISPLAY” on line one indicates that there are more pages.
 “END OF SECURITIES DISPLAY” on the second page indicates the last page of the response.

Input transaction fields:

- QSL.APS/A.ORI/AKAST0101.CAT/S.TYP/FR.DEN/500

Text portion of response:

- **MKE/QSL.APS/A.TYP/FR.DEN/500.TXT/

(Property List response - p. 1 of 2)

```

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 ADDITIONAL SECURITIES TO DISPLAY
2 APSIN INTERFACE (QSL)          SECURITIES          04/03/07      11:41:11.2
3
4 SEQ# CASE NUM  ITEM AGID SERIAL NUMBER          TYPE DENOMIN  COMMENT          S
5 ---- -
6
7 0001 CASE123    0003 INFO SERIALNBR123          FR  500      WALLET STOLEN    S
8 0002 CASE123    0004 INFO SERIALNBR123          FR  500      WALLET STOLEN    S
9 0003 CASE123    0005 INFO SERIALNBR123          FR  500      WALLET STOLEN    S
10 0005 CASE123    0008 INFO SERIALNBR1          FR  500      WALLET STOLEN    S
11 0006 CASE123    0009 INFO SR12345678          FR  500      WALLET STOLEN    S
12 0007 CASE321    0001 INFO H12345678F          FR  500      FROM WALL SAFE   S
13 0008 CASE321    0002 INFO H12345678F          FR  500      FROM WALL SAFE   S
14 0009 CASE321    0003 INFO H12345678F          FR  500      FROM WALL SAFE   S
15 0010 CASE321    0004 INFO H12345678F          FR  500      FROM WALL SAFE   S
16 0011 CASE321    0005 INFO H12345678F          FR  500      FROM WALL SAFE   S
17 0012 CASE321    0006 INFO H12345678F          FR  500      FROM WALL SAFE   S
18 0013 CASE321    0007 INFO H12345678F          FR  500      FROM WALL SAFE   S
19 0014 CASE321    0008 INFO H12345678F          FR  500      FROM WALL SAFE   S
20 0015 CASE321    0009 INFO H12345678F          FR  500      FROM WALL SAFE   S
21 0016 CASE456    0001 INFO H12345678F          FR  500      MISSING FROM CAR  S
22 0017 CASE456    0002 INFO H12345678F          FR  500      MISSING FROM CAR  S

```

(Property List response - p. 2 of 2)

1....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 END OF SECURITIES DISPLAY
2 APSIN INTERFACE (QSL) SECURITIES 04/03/07 11:41:11.2
3
4 SEQ# CASE NUM ITEM AGID SERIAL NUMBER TYPE DENOMIN COMMENT S
5 -----
6
7 0018 CASE456 0003 INFO H12345678F FR 500 MISSING FROM CAR S
8 0019 CASE456 0004 INFO H12345678F FR 500 MISSING FROM CAR S
9 0020 CASE456 0005 INFO H12345678F FR 500 MISSING FROM CAR S
10 0021 CASE456 0006 INFO H12345678F FR 500 MISSING FROM CAR S
11
12
13
14
15
16
17
18
19
20
21
22

Example 6 – QS Transaction – Property Item response with APS=B (NCIC)

This page represents the response to a successful QS transaction. The same display would result on a QSL transaction where only one property item matches the search criteria.

The same display would result on a QSL transaction where only one property item matches the search criteria, except there would be no NCIC portion. (And, you would get following error message:)

```
TXT/0135 ERROR - THE APSIN ONLY INDICATOR (APS) CANNOT BE A "B" FOR THE QUERY
LIST MESSAGE KEY OF: QSL
```

Input transaction fields:

- QS.APS/B.ORI/AKAST0101.CAT/S.OCA/CASE456.CIN/3.AGI/INFO

Text portion of response:

```

  *MKE/QS.APS/B.OCA/CASE456.CIN/3.AGI/INFO.TXT/

1....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1
2 APSIN INTERFACE (QS)                SECURITIES                04/03/07    12:37:26.4
3
4     STATUS: S          CASE NUM: CASE456      ITEM NUM: 0003      DATE: 03/28/2007
5     AGENCY: INFO       EMPL ID:                ENTERED IN APSIN: 00 00 0000
6
7     SERIAL NUM: H12345678F                TYPE: FR
8     DENOMIN: 500                          ISSUER: USTREASURY
9     SECURITY DT: 1950
10    OWNER ID: 6279279
11
12    COMMENTS: MISSING FROM CAR GLOVE COMPARTMENT AFTER CAR WAS BROKEN INTO
13               - NOTE THERE MAY ALSO HAVE BEEN A BUNDLE OF 5'S, 10'S AND 20
14               'S THAT WERE FROM A VFW RAFFLE STOLEN ALONG WITH THESE LARGE
15               R DENOMINATION BILLS
16    NCIC: S680218457
17
18    BIN:                LOC COMMENT:
19    LOC CITY:
20
21
22
```

TXT/TL01AJL012723700237

<===== From here down is from NCIC

```
AKAST0102
MKE/STOLEN SECURITY
ORI/AKAST0102 TYP/FR SER/H12345678F DEN/500 ISS/USTREASURY
OWN/BEARER SDT/1950 DOT/20070328
OCA/CASE456
MIS/MISSING FROM CAR GLOVE COMPARTMENT AFTER CAR WAS BROKEN INTO- NOTE THERE MAY
MIS/ ALSO HAVE BEEN A BUNDLE OF 5 S 10 S AND 20 S THAT WERE FROM A VFW RAFFLE
MIS/STOLEN ALONG WITH THESE LARGER DENOMINATION BILLS
NIC/S680218457 DTE/20070403 1634 EDT
ORI IS AK DPS ALASKA STATE TROOPERS 907 352-5401
** TEST** THIS RESPONSE IS FROM THE NCIC TEST SYSTEM.
```

.....

6. QUERY PROPERTY PROCESSING BY NCIC

When the APSIN/NCIC indicator (APS) is B on a Q* property item transaction, numerous fields will be passed to NCIC for processing. For descriptions of fields that are passed to NCIC see figures:

Fig. 10 Table of NCIC QA Outbound elements resulting from APSIN Article query transaction: QA

Fig. 11 Table of NCIC QG Outbound elements resulting from APSIN Gun query transaction: QG

Fig. 12 Table of NCIC QS Outbound elements resulting from APSIN Securities query transaction: QS

If NCIC number is not contained in the incoming message, APSIN will put it into the message sent to NCIC after APSIN matches the incoming item to an existing APSIN item for which NCIC number is recorded.

As described in 3.1, the required fields MKE, ORI and OCA are added to the NCIC message by APSIN.

In addition to MKE, ORI and OCA, searching for a property item on NCIC requires at least one of the following identifiers or sets of identifiers:

1. Article (category A):
 - NCIC number (NIC)
 - Type (TYP) and Serial number (SER). If SER is not present but Owner-applied number (OAN) is present, the OAN value will be sent in the SER field. If both are present, the SER field will contain the concatenation of the SER value, a comma, and the OAN value.
2. Gun (category G):
 - NCIC number (NIC)
 - Serial number (SER)
3. Security (category S):
 - NCIC number (NIC)
 - Type (TYP) with additions:
 - If Serial number (SER) is present, it will be used along with Denomination (DEN) and Issuer (ISS)
 - ...otherwise, Owner (OWN) will be added to TYP
 - Social Security number (SOC)

Fig. 10 Table of NCIC QA Outbound elements resulting from APSIN Article query transaction: QA

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 4	Message key			Y	The NCIC Message Key will be QA.
2	ORI	A 9	Originating agency identifier			Y	Originating agency identifier is required on all NCIC transactions.
3	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system		Y*	An inquiry can be made using the NCIC number as the only search criterion.
4	TYP	A 7	Article/gun/security type (APSIN property subtype)			Y*	If NCIC number is not used to identify the property being queried, then the combination of Type (TYP) plus Serial number (SER) is required.
5	SER	A 20 or A 41	Serial number for articles, guns, securities, vehicle parts			Y*	If NCIC number is not used to identify the property being queried, then the combination of Type (TYP) plus Serial number (SER) is required. SER may include a concatenation of Serial number plus Owner-applied number (OAN) (separated by a comma).

Fig. 11 Table of NCIC QG Outbound elements resulting from APSIN Gun query transaction: QG

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 4	Message key			Y	The NCIC Message Key will be QG.
2	ORI	A 9	Originating agency identifier			Y	Originating agency identifier is required on all NCIC transactions.
3	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system		Y*	An inquiry can be made using the NCIC number as the only search criterion. If NCIC number is present, NONE of the other fields (below) will be sent.
4	SER	A 11	Serial number for articles, guns, securities, vehicle parts			Y*	If NCIC number is not used to identify the property being queried, then the Serial number (SER) is required.
5	MAK	A 3	Make of vehicle or gun				
6	MOD	A 11	Article, gun, vehicle model				
7	CAL	A 4	Gun caliber				

Fig. 12 Table of NCIC QS Outbound elements resulting from APSIN Securities query transaction: QS

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 4	Message key			Y	<p>The NCIC Message Key will be QS.</p> <p>SEARCH CRITERIA Search criteria automatically built by APSIN to send QS to NCIC include the following. Once a set of criteria are set, all subsequent criteria are ignored.</p> <ol style="list-style-type: none"> 1. NIC 2. TYP with additions: <ol style="list-style-type: none"> 2a. If SER is present, it will be used along with DEN and ISS 2b. otherwise OWN will be added to TYP 3. OWN 4. SOC
2	ORI	A 9	Originating agency identifier			Y	Originating agency identifier is required on all NCIC transactions.
3	TYP	A 2	Article/gun/security type (APSIN property subtype)			Y*	See SEARCH CRITERIA in MKE entry.
4	SER	A 11	Serial number for articles, guns, securities, vehicle parts			Y*	See SEARCH CRITERIA in MKE entry.
5	DEN	A 9	Denomination			Y*	See SEARCH CRITERIA in MKE entry.
6	ISS	A 15	Issuer			Y*	See SEARCH CRITERIA in MKE entry.
7	OWN	A 40	Securities owner			Y*	See SEARCH CRITERIA in MKE entry.
8	SOC	N 9	Social security number			Y*	See SEARCH CRITERIA in MKE entry.
9	SDT	N 8	Date or series year of a security				

Fig. 12 Table of NCIC QS Outbound elements resulting from APSIN Securities query transaction: QS

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
10	OCA	A 9	Originating agency case number			Y*	See SEARCH CRITERIA in MKE entry.
11	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system		Y*	See SEARCH CRITERIA in MKE entry.

III. PERSON TRANSACTIONS

The following chart summarizes the transactions covered in this chapter.

Message Key	Action	(Update, Query, No Access)		
		APSIN	NCIC	Comment
EPD	Enter Person Demographics	U	N	Create a new person record in APSIN.
MPD	Modify Person Demographics	U	N	Modify existing person record in APSIN.
QPB	Person Basic Inquiry	Q	Q	Display basic person demographic data plus want/warrant information. Also display NCIC want/warrant data if requested (APS field = 'B').
QPC	Person Criminal History	Q	N	Display QPB plus criminal convictions. Full criminal history is displayed if requested with a special transaction mnemonic of FCH that contains the value 'Y'.
QPD	Person Driver History	Q	N	Display QPB plus Alaska driving record information.
QPA	Person Query Alias	Q	N	Display QPB plus person's aliases.
QPL	Multiple Person List	Q	N	When more than one person in APSIN matches the selection criteria, a list of persons is displayed. The most recent residence address street and city, along with the address change date, is displayed on a second line for each person.

1. PERSON DEMOGRAPHICS TRANSACTIONS

Person Demographic transactions are common to all agencies and are used to:

1. Add a person to APSIN.
2. Modify demographic information regarding a person who already exists on APSIN.
3. Search for a person in APSIN by supplying search criteria that may result in a list of person records for which detailed information may be requested.
4. Query detailed information about a person from APSIN.

To ensure that criminal justice information is associated with the correct individual, all APSIN interface transactions contain a minimal amount of identifying information that may include APSIN ID; Alaska Driver License number (ADL); last name; first name initial; and, when the APSIN ID or ADL is unknown, at least two of the following: Social Security Number, date of birth, and sex. This information is used to locate the correct person in APSIN before posting information to the repository.

Transactions are not posted to the repository until they have successfully passed through a rigorous validation routine. This includes, but is not limited to, ensuring that mandatory fields are transmitted. If mandatory fields are missing or found to be invalid then the event transaction is rejected and no data is posted. When non-mandatory fields are invalid, then only those fields in error are not posted to APSIN. As validation errors occur, appropriate error messages are formatted and sent back to the originating agency, informing you of the exact problem.

The details of which matching information is mandatory or optional, and how that information is used, are described in the context of the specific transactions in sections that follow.

The Person *update* transactions are:

- **EPD Enter Person Demographics:** Create a new person record in APSIN.
- **MPD Modify Person Demographics:** Modify or add information to an existing APSIN person record.

The Person *query* transactions are:

- **QPB Query Person – Basic:** Basic information about a person, plus wants/warrants.
- **QPA Query Person – Aliases:** All that is included in QPB, plus any aliases on record for the person.
- **QPC Query Person – Criminal History:** All that is included in QPB, plus the person's criminal convictions and, optionally, full criminal history.
- **QPD Query Person – Alaska Driver History:** All that is included in QPB, plus the person's Alaska driver history.
- **QPL Query Person – Multiple Person List:** A list of persons that match your search criteria.

1.1. Text responses to Person update transactions (EPD, MPD)

All responses from the interface Person transactions contain a message header, details of the original request, and a text message that characterizes the outcome of the transaction. The following details are for the Person update transactions EPD and MPD (see section 4.5 for the text response details for Person Query transactions).

1. The message header: 61 bytes if LU6.2 client, 84 bytes if TCP/IP client. The last twenty bytes of the header are the same for both LU6.2 and TCP/IP clients:
 - a. Three-byte message number
 - b. Two-byte message level (00 for successful transaction, non-zero for varying levels of error)
 - c. Date of the response (mmddyyyy format)
 - d. Time of the response (hhmmss format)
2. One space
3. The following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:
 - Message Key (MKE)
 - Arrest tracking number (TRN)
 - State identification number (SID) (APSIN Person ID)
 - Person full name (NAM)
4. The mnemonic "TXT"
5. The system's response message indicating disposition of the transaction:
 - success of the transaction
 - failure of the transaction
 - error or informational message

Each of the following sections includes examples of successful and unsuccessful requests and responses.

- Sample transaction *requests*: item 1 (transaction header) is represented as "**TransmissionHeader**".
- Sample transaction *responses*: items 1 through 5 above are represented by "**ResponseHeader**".

Fig. 1 Table of Enter Person Demographics Elements: EPD

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)		Y	Y	The PAT transmission header is included on all requests and responses.
2	MKE	A 3	Message key		Y		EPD - Enter person demographics
4	TRN	N 9	ATN (Alaska arrest tracking number)	Arrest tracking number uniquely identifies the arrest associated with the charge and is used to locate an existing record in the APSIN database.	Y*		<p>If sending subsequent arrest data (using UAR Enter/Modify Arrest transactions), the ATN must be sent with the EPD transaction.</p> <p>The ATN must not already exist in the APSIN data base for a different person. If it does, the SID of the person assigned to that ATN will be returned in the EPD response.</p>
5	NAM	A 25 A 15 A 15 A 4, Occurs up to 5	Person full name	<p>Sometimes "last, first middle suffix"</p> <p>Sometimes "first middle last suffix"</p>	Y	Y	<p>See "Person identification and matching."</p> <p>The format is detailed in NCIC 2000 Code Manual "Personal Descriptors" SECTION 2-NAME FIELDS. The data must be formatted as "Last,^First^Middle^Suffix", where the ^ character represents a space. The field terminator or period can appear after the first name if the middle name and suffix are not transmitted.</p> <p>Last name should not exceed 25 characters in length. First and middle names should not exceed 15 characters in length. The suffix cannot be larger than four characters, and will be validated against Table 7 PE-SFX.</p> <p>When multiple "NAM/" fields appear in one transaction, the first occurrence will be used in matching. All subsequent values are considered alias data.</p>

Fig. 1 Table of Enter Person Demographics Elements: EPD

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
6	SOC	N 9	Social security number		Y*		See "Person identification and matching." Two of the following three fields must be included: SSN (SOC), Date of Birth (DOB), Sex (SEX). Up to four SSNs can be sent in one transaction. Only the first SSN is used to match against APSIN; the rest of the SSNs are considered Alias data.
7	DOB	N 8, occurs up to 4	Person date of birth		Y*	Y	See "Person identification and matching." A maximum of four occurrences may be sent in a message. The first occurrence will be used to match against APSIN. Additional occurrences will be treated as alias data. Two of the following three fields must be included: SSN (SOC), Date of Birth (DOB) and Sex (SEX). Format MMDDYYYY. When multiple DOB fields appear in one transaction, only the first DOB will be used to match against APSIN; the rest of the occurrences will be treated as alias data.
8	SEX	A 1	Person sex		Y*	Y	See "Person identification and matching." Two of the following three fields must be included: SSN (SOC), Date of Birth (DOB) and Sex (SEX). A field match will only be attempted when the corresponding APSIN field contains an F or M. Validated against Table 11 PE-SEX

Fig. 1 Table of Enter Person Demographics Elements: EPD

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
9	MON	A 25	Monikers, nicknames or gang names by which a perso				A maximum of twenty monikers can be transmitted in one transaction.
10	RAC	A 1	Person race			Y	Validated against Table 21 PE-RACE.
11	HGT	N 3	Approximate height			Y	Feet(1-8), inches (00-11)
12	WGT	N 3	Approximate weight			Y	
13	HAI	A 3	Hair color			Y	Validated against Table 8 PE-HAIR.
14	EYE	A 3	Eye color			Y	Validated against Table 9 PE-EYE.
15	SKN	A 3	Skin tone				Validated against Table 10 PE-SKIN.
16	SMT	A 10	Scars marks tattoos		Y*		Validated against Table 23 PE-MARK. A maximum of ten marks can be sent in one transaction. SMT and SMD are handled as a pair. SMT is valid without SMD; however, SMD without SMT is invalid.
17	SMD	A 60	Description of scars	Free format description of the coded scars, marks, and tattoos			Description of Scars, Marks or Tattoos. SMT and SMD are handled as a pair. SMT is valid without SMD; however, SMD without SMT is invalid.
18	OLN	A 20	Operator license number	Alaskan or non-Alaskan license number (but usually non-Alaska because ADL is the Alaska driver license)			Out-of-state driver license. Cannot be used as search criteria in APSIN.
19	OLS	A 2	Operator license state		Y*	Y*	Cannot be Alaska. Required if OLN given.
20	BCT	A 20	Person birth city				
21	BST	A 2	Person birth state				Validated against Table 12 AD-STATE.
22	POB	A 15	Place of birth		Y*		Required if State of birth (BST) is transmitted.
23	ATY	A 1	Address type		Y*	Y	M = mailing, R = residence, E = employer. Required with all addresses. Must precede the other address fields. Up to three addresses can be sent. Only one address of each type will be stored in APSIN.

Fig. 1 Table of Enter Person Demographics Elements: EPD

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
24	ASN	A 25	Address street				
25	AXL	A 25	Address extra line				
26	CTY	A 20	City		Y*		Required if ASN is sent. If state is AK, the city must be in Table 17 AD-CITY.
27	STA	A 2	State		Y*		If ASN is sent, either State or Country is required. Validated against Table 12 AD-STATE (includes Canadian provinces). Country of US or USA is not stored in APSIN. (US is assumed when there is a state and zip, unless Canada is specified).
28	ZIP	A 9	Zip code				If state is AK, Zip must be in Table 13 AD-ZIPCT.
29	CRY	A 15	Country	Country associated with address	Y*		If ASN is sent, either State or Country is required. If in the US, must enter State and Zip code. If not in US send country. With State and Zipcode, country of US is assumed (and is not stored).
30	TNT	A1	Telephone number type	R = residence B = business (work) C = cell M = message			R = residential B = business C = cell phone M = message phone
31	TNA	N 3	Telephone number area code				
32	TNO	N7	Telephone number				Enter seven-digit phone number without dashes. Only one phone number per type will be stored.
33	ENM	A 30	Employer name				The person's most recently reported employer.
34	IAF	A 1	Illegal alien flag				Must be Y if transmitted.
35	MDF	A 1	Mental defective flag				Must be Y if transmitted.

Fig. 1 Table of Enter Person Demographics Elements: EPD

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
36	CSF	A 1	Controlled substance flag	Unlawful user/addicted to controlled substance flag			Must be Y if transmitted.
37	CRS	A 1	Person temperament code				Maximum of ten temperament codes can be transmitted in one transaction. Must validate to Table 22 PE-TEMP.
38	MIS	A 79	Miscellaneous comment or information				Person description comments are sent with these transactions.
39	COC	A 20	Country of citizenship				Maximum of five Citizenship values can be transmitted in one transaction.
40	OCC	A 20	Occupation				The person's most recently reported occupation.

2. ENTER PERSON IN APSIN (EPD)

See **Fig. 1 Table of Enter Person Demographics Elements: EPD** (above) for descriptions of validation requirements for all of the individual message fields for the EPD transaction.

The process of adding a person to APSIN involves verifying the information in the transaction, assigning an APSIN ID, and adding the person to the repository. APSIN returns a notification message informing you of the APSIN ID (SID) that has been assigned to the person (since the person record does not exist before the EPD transaction is processed, you *must not* specify an APSIN ID in an EPD transaction).

Your agency's system should utilize APSIN message responses, especially notification messages, because they contain information that can be used to update the agency system data. The system should locate the APSIN ID in the response message and use it to populate missing fields in the agency system database. If the system behaves in this fashion, the APSIN ID will be available for subsequent transactions.

2.1. Person identification and matching

The following minimum fields are required to add a new person record to APSIN:

- Person full name (NAM) minimally consisting of last name and first initial. Person name format requirements are detailed in NCIC 2000 Code Manual "Personal Descriptors" SECTION 2-NAME FIELDS. The data must be formatted as "Last,^First^Middle^Suffix", where the ^ character represents a space. The field terminator or period can appear after the first name if the middle name and suffix are not transmitted. Last name should not exceed 25 characters in length. First and middle names should not exceed 15 characters in length. The suffix cannot be larger than four characters.
- Two of the following three fields:
 - Person Social Security Number (SOC)
 - Person Date of birth (DOB)
 - Person sex (SEX)

The database uses a matching algorithm based on Name, DOB, Sex and SSN to search the repository database for a match. If the matching threshold is reached, the person is considered to already exist in APSIN (you will receive a response message indicating this).

2.2. Validation of fields

Non-mandatory field errors: If non-mandatory fields are in error, *the person will be added*; the invalid field(s) will not be added; and an error message will be sent, one for each error discovered. These errors could include invalid codes like race, hair color, eye color, etc.

Social Security Number: Up to four SSNs may be transmitted in one transaction. The first SSN is stored as the primary and is used for matching purposes on other transactions. The others are considered alias data.

Date of birth: Up to four dates of birth can be sent in one transaction. The first DOB is considered the primary and is used for matching purposes on other transactions. The others are considered alias data.

Addresses: Up to three addresses can be transmitted in one transaction. The three types of addresses (ATY) are mailing (M), residence (R) and employer (E). APSIN stores *one occurrence of each transmitted type* in the repository. If multiple addresses for the same type are transmitted, APSIN stores the first set only. The ATY must precede each type of address. The street and city with either a state or country are required. If a state is transmitted, then a zip code is required.

Arrest tracking number (TRN): The ATN associated with a charging incident *must* be included in the EPD transaction when one or more Arrest transactions (UAR – see Chapter 8) are to follow for the same charging incident. If the APSIN interface finds that the ATN in the EPD transaction already exists in the repository, the transaction will be rejected and an APSIN response message will identify the APSIN ID that has already been associated with that ATN. The POSITIVE ID indicator is used when the person who has the ATN in the repository has fingerprints on file.

Two error situations can occur:

1. The *same person* with the ATN exists in APSIN. (This situation would occur when another agency has already added the person to APSIN.)

- *ResponseHeader*MKE/EPD.TRN/710471741.NAM/ANDERSON,
ELLEN.TXT/006**TRANSACTION REJECTED** PERSON AND ATN ALREADY ON APSIN.
BASED ON POSITIVE ID, THE APSIN ID IS: 6278402

2. The second situation is when the ATN is already assigned to a *different* person. You should then run the found SID associated with the ATN to identify to whom the ATN is currently assigned.

- *ResponseHeader*MKE/EPD.TRN/710471741.NAM/ANDERSON,
ELLEN.TXT/006**TRANSACTION REJECTED** ATN ALREADY ON APSIN. BASED ON
POSITIVE ID, THE APSIN ID IS: 6278402

Prohibited fields: The following three fields are prohibited on the EPD transaction:

1. APSIN ID (SID): To add a person to APSIN the person must *not* already exist in APSIN. Individuals who have an APSIN ID already exist in the repository. You would use an MPD (Modify Person Demographic) to update information on the person. If the SID is passed in the EPD transaction, the transaction will automatically be rejected.
2. Alaska driver license (ADL): To add a person to APSIN the person must not already exist in APSIN. Individuals who have been issued an Alaska Driving License should already exist in APSIN. If the ADL is passed in the EPD transaction, the transaction will automatically be rejected.
3. Miscellaneous ID number (MNU) and Miscellaneous number ID type (MNT): The Alaska Driver license can also be transmitted through the combination of Miscellaneous Number Type (MNT) and Misc. Number ID (MNU). If the MNT value is ADL or DMV (for a Department of Motor Vehicle Identification Card) the transaction will automatically be rejected. These numbers cannot be added by an EPD transaction. To enable APSIN to store Miscellaneous ID Number types other than DMV, new MNT

values that represent additional agencies would have to be set up by DPS security.

2.3. EPD sample requests and responses:

The APSIN interface sends Success, Notification and Error response messages for every transaction. This section explains the different types of responses with examples of each.

Successful request and response for adding a person:

- **TransmissionHeader**EPD.NAM/DOE, JOHN.SOC/789789789.DOB/01151960.SEX/M.RAC/W.HGT/601.WGT/190.ENM/QUALITY CONSTRUCTION.ATY/M.ASN/1000 BIRCH LANE.ACT/ANCHORAGE.AST/AK.AZP/99501
- **ResponseHeader**SID/6789678.TXT/3020-PERSON ADDED TO APSIN.

The successful transaction response includes the APSIN ID of the new person (in the example, SID/6789678).

Unsuccessful response for adding a person: If the person is found to exist in APSIN because the matching threshold has been reached, the APSIN ID of the suggested matching record is included in the response message. “POSITIVE ID” indicates the found record has fingerprints on file. A QPB transaction should be sent using the returned APSIN ID to verify it is indeed the same person. If it is not the same person already on file, more identifying information like middle name, suffix or SSN (SOC) should be added to help distinguish between the two people. If you continue to receive the same matching error, the new person may need to be added using APSIN directly.

- **ResponseHeader**MKE/EPD.NAM/MOPPET, MIRANDA.TXT/068**TRANSACTION REJECTED** PERSON ALREADY ON APSIN, POSITIVE ID HAS NOT OCCURRED, THE APSIN ID IS: 6284340

Transaction rejection: If a new person cannot be added, an error message will be sent – one for each error discovered, whether it be missing or invalid required data.

- **ResponseHeader**MKE/EPD.NAM/MOPPET.TXT/0102 ERROR-NOT ENOUGH DATA WAS SENT TO IDENTIFY A NEW PERSON

Fig. 2 Table of Modify Person Demographics Elements: MPD

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
1	---	A 41 or A 39	PAT transmission header (the whole unit)		Y	Y	The PAT transmission header is included on all requests and responses.
2	MKE	A 3	Message key		Y		MPD - Modify person demographics
3	SID	N 7	State identification number	Alaska state ID number for person; the APSIN ID.	Y*		See "Person identification and matching." Either SID or ADL must be present to identify the Person record to be modified.
4	ADL	N 7	Alaska drivers license number	ADL is generated by Division of Motor Vehicles. ADL can be used to locate a person record in the APSIN database.	Y*		See "Person identification and matching." Either SID or ADL must be present to identify the Person record to be modified.

Fig. 2 Table of Modify Person Demographics Elements: MPD

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
5	NAM	A 25 A 15 A 15 A 4, Occurs up to 5	Person full name	Sometimes "last, first middle suffix" Sometimes "first middle last suffix"	Y		<p>See "Person identification and matching." Last and first names must be sent to verify person.</p> <p>The format is detailed in NCIC 2000 Code Manual "Personal Descriptors" SECTION 2-NAME FIELDS. The data must be formatted as "Last,^First^Middle^Suffix", where the ^ character represents a space. The field terminator or period can appear after the first name if the middle name and suffix are not transmitted.</p> <p>Last name should not exceed 25 characters in length. First and middle names should not exceed 15 characters in length. The suffix cannot be larger than four characters and will be validated against Table 7 PE-SFX.</p> <p>When multiple NAM fields appear in one transaction, the first occurrence will be used in matching. All other values are considered alias data.</p> <p>New alias occurrences will be inserted into the person record when the parsed name fields do not match up with an existing name entry.</p>
6	SOC	N 9	Social security number		Y*		<p>See "Person identification and matching."</p> <p>Two of the following three fields must be included: SSN (SOC), Date of birth (DOB), Sex (SEX).</p> <p>A maximum of four SSNs can be sent in one transaction. The first value is considered the primary and is used for matching criteria. All other SSNs are considered Alias data.</p>

Fig. 2 Table of Modify Person Demographics Elements: MPD

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
7	DOB	N 8, occurs up to 4	Person date of birth		Y*		<p>See "Person identification and matching."</p> <p>A maximum of four occurrences may be sent in a message. The first occurrence will be used to match against APSIN. Additional occurrences will be treated as alias data.</p> <p>Two of the following three fields must be included: SSN (SOC), Date of irth (DOB), Sex (SEX).</p> <p>Format MMDDYYYY.</p> <p>When multiple DOB fields appear in one transaction, then the first occurrence will be used in matching. All subsequent occurrences will be treated as alias data.</p>
8	SEX	A 1	Person sex		Y*		<p>See "Person identification and matching."</p> <p>Two of the following three fields must be included: SSN (SOC), Date of irth (DOB), Sex (SEX).</p> <p>A field match will only be attempted when the corresponding APSIN field contains an F or M.</p> <p>Validated against Table 11 PE-SEX</p>
9	MON	A 25	Monikers, nicknames or gang names by which a perso				Maximum of twenty monikers can be transmitted in a one transaction.
10	MNT	A 3	Person miscellaneous ID number type	ADL = Alaska Driver License DOC = Dept. of Corrections	Y*		Must send if sending MNU. Cannot send a type of DMV or ADL because the ADL is already present for that purpose.

Fig. 2 Table of Modify Person Demographics Elements: MPD

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
11	MNU	A 25	Person miscellaneous ID number	Usually used for the Alaska DMV ID number (ADL) for person. Usually the SID and ADL are the same.	Y*		Additional unique identifier for the offender. Required when Miscellaneous Type (MNT) is transmitted.
12	RAC	A 1	Person race				Validated against Table 21 PE-RACE. Can be deleted.
13	HGT	N 3	Approximate height				Feet(1-8), inches (00-11)
14	WGT	N 3	Approximate weight				Enter a value of 999 to delete weight.
15	HAI	A 3	Hair color				Validated against Table 8 PE-HAIR. Can be deleted.
16	EYE	A 3	Eye color				Validated against Table 9 PE-EYE. Can be deleted.
17	SKN	A 3	Skin tone				Validated against Table 10 PE-SKIN. Can be deleted.
18	SMT	A 10	Scars marks tattoos		Y*		Maximum of ten marks can be sent in one transaction. SMT and SMD will be handled as a pair. SMT is valid without SMD; however, SMD without SMT is invalid. Validated against Table 23 PE-MARK.
19	SMD	A 60	Description of scars	Free format description of the coded scars, marks, and tattoos			Description of scars, marks or tattoos. SMT and SMD will be handled as a pair. SMT is valid without SMD; however, SMD without SMT is invalid.
20	OLN	A 20	Operator license number	Alaskan or non-Alaskan license number (but usually non-Alaska because ADL is the Alaska driver license)			Out-of-state driver license. Cannot be used as search criteria in APSIN. OLS is required if OLN is sent. Only one current OLS can be stored per person.
21	OLS	A 2	Operator license state		Y*		Required if OLN given.; cannot be Alaska. Validated against Table 12 AD-STATE.

Fig. 2 Table of Modify Person Demographics Elements: MPD

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
22	BCT	A 20	Person birth city				Can be deleted.
23	BST	A 2	Person birth state				Validated against Table 12 AD-STATE. Can be deleted.
24	POB	A 15	Place of birth		Y*		Required if State of birth (BST) not transmitted. Can be deleted.
25	ATY	A 1	Address type		Y*		M = mailing, R = residence, E = employer. Required with all addresses. Must precede the other address fields. Up to three addresses can be sent. Only one of each type will be stored in APSIN. To delete an entire address, it is necessary to send only the ATY along with 'ASN/.'
26	ASN	A 25	Address street				Street Name is required if ATY submitted.
27	AXL	A 25	Address extra line				
28	CTY	A 20	City		Y*		Required if ASN is sent. If state is AK, city must be in Table 17 AD-CITY.
29	STA	A 2	State		Y*		If ASN is sent, either State or Country is required. Validated against Table 12 AD-STATE (includes Canadian provinces).
30	ZIP	A 9	Zip code				If state is AK, Zip must be in Table 13 AD-ZIPCT.
31	CRY	A 15	Country	Country associated with address	Y*		If ASN is sent, either State or Country is required.
32	TNT	A1	Telephone number type	R = residence B = business (work) C = cell M = message			R = residential B = business C = cell phone M = message phone
33	TNA	N 3	Telephone number area code				
34	TNO	N7	Telephone number				Enter seven-digit phone number without dashes. Only one phone number per type will be stored.

Fig. 2 Table of Modify Person Demographics Elements: MPD

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
35	COC	A 20	Country of citizenship				Maximum of five citizenship values can be transmitted in one transaction.
36	OCC	A 20	Occupation				The person's most recently reported occupation. Can be deleted.
37	ENM	A 30	Employer name				The person's most recently reported employer. Can be deleted.
38	PAL	A 4	Palm print location	The location value is a valid APSIN agency code			Not currently being stored.
39	IAF	A 1	Illegal alien flag				Must be Y if transmitted. Can be deleted.
40	MDF	A 1	Mental defective flag				Must be Y if transmitted. Can be deleted.
41	CSF	A 1	Controlled substance flag	Unlawful user/addicted to controlled substance flag			Must be Y if transmitted. Can be deleted.
42	CRS	A 1	Person temperament code				Maximum of ten temperment codes can be transmitted in one transaction. Validated against Table 22 PE-TEMP.
43	MIS	A 79	Miscellaneous comment or information				Person description comments are sent with these transactions.

3. PERSON MODIFICATION TRANSACTIONS (MPD)

See **Fig. 2 Table of Modify Person Demographics Elements: MPD** (above) for descriptions of validation requirements for all of the individual message fields for the MPD transaction.

Processing Modify Person Transactions involves locating and verifying the person in APSIN. This ensures that the transmitted data is attached to the proper person record. To locate the person in APSIN, the transmitted data *must include the APSIN ID or ADL, last name, and first name initial* and two of the following: *DOB, SSN and Sex*.

Multiple names can be transmitted with the transaction, but only the first transmitted name will be used in the matching logic. The additional names will be added to the existing person record as alias names, if they do not already exist.

Agencies *will not be able to request or perform person deletes* using the interface.

To delete a field on a found record, enter the mnemonic followed by a slash '/' and a period. Some fields cannot be deleted. See **Fig. 2** to identify if a specific field can be deleted.

3.1. Person identification and matching

The minimum fields required to identify a person are:

- Person full name (NAM) minimally consisting of last name and first initial. Person name format requirements are detailed in NCIC 2000 Code Manual "Personal Descriptors" SECTION 2-NAME FIELDS. The data must be formatted as "Last,^First^Middle^Suffix", where the ^ character represents a space. The field terminator or period can appear after the first name if the middle name and suffix are not transmitted. Last name should not exceed 25 characters in length. First and middle names should not exceed 15 characters in length. The suffix cannot be larger than four characters.
- APSIN ID (SID) or ADL
- Two of the following three fields:
 - Person Social Security Number (SOC)
 - Person Date of birth (DOB)
 - Person sex (SEX)

The database uses the same matching algorithm used by EPD based on Name, DOB, Sex and SSN to search the repository database for a match. If an exact match is found, your MPD transaction will be processed to modify the person's demographic data.

3.2. MPD field validation and sample requests and responses:

The APSIN interface sends Success, Notification and Error response messages for every transaction. This section explains the different types of responses with examples of each.

Successful request and response for modifying person demographics:

- *TransmissionHeader*MPD.SID/6276474.NAM/DRIVER,
TEST.DOB/03031903.SEX/M.HAI/BLK.WGT/250

- **ResponseHeader**MKE/MPD.SID/6276474.NAM/DRIVER, TEST.TXT/029***TRANSACTION PROCESSED SUCCESSFULLY***

Merged person records: If the APSIN ID (SID) sent in your transaction has been merged into another APSIN record, the transaction will be processed against the current (new) APSIN ID. The response message will include the requested APSIN ID following the mnemonic 'SID/', and the response text will indicate the SID of the record into which the record corresponding to the input SID has been merged.

Agencies will not be able to request or perform person merges using the interface.

- **ResponseHeader**MKE/MPD.SID/6276475.NAM/TEST, DRIVER.TXT/028***NOTIFICATION*** APSIN ID HAS BEEN CONSOLIDATED TO ANOTHER APSIN PERSON RECORD. THE TRANSMITTED APSIN ID IS: 6276475 AND THE CONSOLIDATED-TO UNI/ID IS: 6276474

No person found: If no persons match your criteria, an error message will be returned, and a new person must be created in APSIN by sending an Enter Person Demographics (EPD) transaction. Until the person exists in APSIN, sending any other transaction types for the person will result in a person-not-found error response.

- **ResponseHeader**MKE/MPD.NAM/PERSON, NONE.TXT/054**TRANSACTION REJECTED** PERSON ADL NOT FOUND ON APSIN. THE TRANSMITTED ADL IS: 7276475

Conflicting data: An error message will be returned when some of the input fields match an APSIN person record but some conflict. For example, if the input SID exists in APSIN, but the input last name and first name initial do not match the APSIN name, a matching error message will be returned.

- **ResponseHeader**MKE/MPD.SID/6276475.NAM/PERSON, NONE.TXT/017**TRANSACTION REJECTED** PERSON NAME DATA ON TRANSACTION DOES NOT MATCH APSIN NAME DATA FOR APSINID: 6276475 TRANSACTION NAME: PERSON , NONE --APSIN Name: TEST , DRIVER

ADL and APSIN ID (SID):

1. If both fields be passed, only the SID is used to find the person record. If the SID is not found, the ADL is not used to find the person. Instead you will receive a record-not-found error.

Sample response for no SID found:

- **ResponseHeader**MKE/MPD.SID/8276474.NAM/DRIVER, TEST.TXT/016**TRANSACTION REJECTED** PERSON APSIN ID NOT FOUND ON APSIN. THE TRANSMITTED APSIN ID IS: 8276474

2. If the SID is found in APSIN, the ADL transmitted should match the ADL on the person record. If the ADL does not match and is *not* found on another record, the other transmitted data will be posted to the record and the correct ADL will be returned to you in the message response.

Sample response for non-existent ADL transmitted with found SID:

- **ResponseHeader**MKE/MPD.SID/6276475.NAM/DRIVER, TEST.TXT/055***NOTIFICATION*** PERSON IS ATTACHED TO THE FOLLOWING ALASKA DRIVER'S LICENSE: 6276475

3. If the SID is correct, but the ADL is found on a different person's record, the transaction is rejected and an error message is sent.

Sample response for existing ADL on another record transmitted with a found SID:

- *ResponseHeader*. MKE/MPD.SID/6276474.NAM/DRIVER,
TEST.TXT/019**TRANSACTION REJECTED** A MANDATORY TRANSACTION FIELD
IS MISSING OR INVALID. FIELD NAME AND INVALID DATA ARE: THE ADL:
6280016 AND THE APSIN ID: 6276474 DO NOT POINT TO THE SAME RECORD

ADL only: Should the ADL without a SID be sent, the person's SID will be returned to you in the message response.

- *ResponseHeader*MKE/MPD.NAM/DRIVER,TEST.TXT/062***NOTIFICATION*** PERSON
IDENTIFIED BY ADL. THE APSIN ID FOR THE PERSON IS: 6276474

3.3. Non-updatable fields

Once a specific person has been identified, not all APSIN data for that person is available for update via the interface. The following data cannot be modified by the MPD transaction.

- APSIN ID Number (SID)
- Alaska driver license (ADL)
- FBI number (FBI)
- Person's primary name (NAM, first occurrence)
- Person's primary Social Security Number (SOC, first occurrence)
- Person's primary Date of Birth (DOB, first occurrence)

3.4. Updating record criteria

The record will not be updated and an error response will be sent in circumstances including:

- Unable to identify matching person in APSIN.
- Mandatory fields are not transmitted.
- The input message requests deletion of mandatory fields.

The record will be updated and an error message will also be sent when:

- Invalid input codes, such as values validated against APSIN tables, are sent for non-mandatory fields (the invalid non-mandatory fields will not be updated).
- The input message specifies updating non-modifiable fields.

3.5. Specific field update information

Miscellaneous number (MNU): Miscellaneous number (MNU) cannot be used to add an ADL or DMV ID number. If MNT is ADL or DMV, the transaction is automatically rejected. To enable APSIN to store Miscellaneous ID Number types other than DMV, new MNT values that represent additional agencies would have to be set up by DPS security.

Adding alias names (NAM): A name alias will be added to APSIN if an existing APSIN name is included in the first of the name occurrences in the message, along with enough other criteria to identify a specific person.

Multiple dates of birth (DOB): Up to four DOBs can be transmitted in one transaction. Each must be a valid date and cannot be in the future. Each DOB is added if it does not already exist in the person's record. This is considered to be alias data.

Multiple Social Security Numbers (SOC): Up to four SSNs can be transmitted in one transaction. Each SSN is added if it does not already exist in the person's record. This is considered to be alias data.

Scars, marks and tattoos (SMT): A person record can specify up to 25 scars, marks and tattoos. If more than 25 total values are sent in multiple transactions, the first value is deleted and new values are added at the end of the list.

Interstate Identification Index program (III) is updated when the person record being modified has finger prints on file with an III status of M (multi) or S (single) state and the DOB, SSN or SMT information has been updated. An EHN message is sent to III automatically through APSIN.

Address information: To process address data, APSIN requires differentiation between mailing, residence, and employer addresses with an address type field (ATY) of M, R, and E respectively. Only one set of values will be stored per address type.

Fig. 3 Table of Query Person Elements: QPB, QPA, QPC, QPD, QPL

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)		Y	Y	The PAT transmission header is included on all requests and responses.
2	MKE	A3	Message key		Y		Input requirements for QPB, QPA, QPC, QPD and QPL
3	APS	A1	APSIN / NCIC indicator	A or blank = process against APSIN only B = process against APSIN and NCIC		Y	
4	FMT	A1	Formatted response indicator	'N' for Data Transmission Format or 'Y' for Presentation Response Format.			Format response indicator can be either N or Y, however, only Y (Presentation Response Format) is presently available.
5	FCH	A1	Full criminal history indicator, Y/N/blank				Used for QPC only, to indicate person's full criminal history.
6	ORI	A9	Originating agency identifier (first 3 digits)			Y	Validates against APSIN security file by checking User ID against authorized ORIs.
7	SID	N7	State identification number	Alaska state ID number for person; the APSIN ID.	Y*		Identifies a unique person in APSIN. If sent, matching data from the APSIN Person record is used to format NCIC message if APS is Y.
8	ADL	N7	Alaska drivers license number	ADL is generated by Division of Motor Vehicles. ADL can be used to locate a person record in the APSIN database.	Y*		Cannot be used for out-of-state license numbers. Cannot be sent using the MNT of ADL.
9	NIC	A10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system			

Fig. 3 Table of Query Person Elements: QPB, QPA, QPC, QPD, QPL

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
10	TRN	N9	ATN (Alaska arrest tracking number)	Arrest tracking number uniquely identifies the arrest associated with the charge and is used to locate an existing record in the APSIN database.			
11	NAM	A25, A15, A15, A4	Person full name	Sometimes "last, first middle suffix" Sometimes "first middle last suffix"	Y	Y	If only the NAM mnemonic is sent, a QPL response will be sent. The format is detailed in NCIC 2000 Code Manual "Personal Descriptors" SECTION 2-NAME FIELDS. The data must be formatted as "Last,^First^Middle^Suffix", where the ^ character represents a space. The field terminator or period can appear after the first name if the middle name and suffix are not transmitted. Last name should not exceed 25 characters in length. First and middle names should not exceed 15 characters in length. The suffix cannot be larger than four characters.
12	LNМ	A25	Last name		Y*	Y	This mnemonic, in conjunction with the FNM, MNM and SNM can be used instead of the NAM mnemonic. If both the NAM and LNM are sent, the LNM is ignored. If only the LNM and FMN are sent, a QPL response will be sent.
13	FNM	A15	First name		Y*	Y	If this mnemonic is sent, then LNM must be sent. If the LNM is sent, then this mnemonic must contain data. If only the LNM and FMN are sent, a QPL response will be sent.
14	MNM	A15	Middle name				If this mnemonic is sent, then LNM must be sent.
15	SNM	A4	Name suffix				If this mnemonic is sent, then the LNM must be sent. Validated against Table 7 PE-SFX.

Fig. 3 Table of Query Person Elements: QPB, QPA, QPC, QPD, QPL

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
16	SOC	P9	Social security number		Y*		Is used as a search criterion if it is the ONLY matching field transmitted. Can result in a QPL response if more than one person has the transmitted SOC value. If sent with the NAM or LNM / FNM combo, SOC is included in the search match scoring process.
17	DOB	N8	Person date of birth		Y*	Y	Used to assist in identifying a specific person if only NAM or LNM / FNM combo are sent. Included in the search match scoring process.
18	SEX	A1	Person sex		Y*	Y	Used to assist in identifying a specific person if only NAM or LNM / FNM combo are sent. Validated against Table 11 PE-SEX. Included in the search match scoring process.
19	MNT	A3	Person miscellaneous ID number type		Y*	Y*	Must be present if sending Miscellaneous ID number (MNU). The only values used for person queries are DMV (to uniquely specify an APSIN person) and FBI (to pass to NCIC on the query warrant (QW) message).
20	MNU	A25	Person miscellaneous ID number		Y*		Must appear after the MNT mnemonic.
21	RAC	A1	Person race			Y	Used to assist in identifying a specific person if only NAM or LNM / FNM combo are sent. Validated against Table 21 PE-RAC. Included in the search match scoring process.
22	OLN	A 20	Operator license number	Non-Alaska driver license number			Used to pass on to NCIC query warrant (QW) query.

Fig. 3 Table of Query Person Elements: QPB, QPA, QPC, QPD, QPL

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
23	SRT	N 4	Search return total	Used to request max number to be returned for list type query response			<p>On a query person transaction for which you expect to receive the Query Person List (QPL) response (i.e., you do not uniquely identify the person for whom you are searching), use SRT to specify the maximum number of person records you wish to be listed from the interface.</p> <p>SRT can be used in conjunction with SRS. For example, if you want 16 records listed beginning with the ninth record found by the interface, you would supply values as follows:</p> <p>SRT/16.SRS/9.</p> <p>Use SRT value of 9999 to cause all records to be returned. If SRT is not specified, the system defaults its value to 8.</p>
24	SMS	N 2	Search match score				<p>On a query person transaction for which you expect to receive the Query Person List (QPL) response, use SMS to specify the minimum match score for your search.</p> <p>The Interface will list only records that have a match score greater than or equal to the SMS value. If you do not specify SMS, the system defaults it to 0 to cause the most-inclusive person matching.</p> <p>SMS is meaningful only if you do not use unique identifying data (SID, ADL, MNT/MNU) to identify the person.</p>

Fig. 3 Table of Query Person Elements: QPB, QPA, QPC, QPD, QPL

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
25	SRS	N 4	Search result sequence number				<p>If you are requesting that the returned person list begin at a particular position in the sequence other than the first position, you may specify that position using SRS.</p> <p>The value of SRS may not be greater than 210. If you do not specify SRS, its value is defaulted to 1.</p>
26	AAE	A 2	APSIN access explanation				Required if the located person record is one that must be monitored by the APSIN Security Officer. Valid values are RT, AC, CR and OT.
27	AAD	A 120	APSIN access description				Optional if the located person record is one that must be monitored by the APSIN Security Officer. The description is always required when the AAE value is OT. It is optional for the other three AAE codes.
28	DET	A 1	Details (Y/N to request detailed info)				Use Y to request full criminal history details on a QPC transaction. The default is N.

4. PERSON QUERIES

See *Fig. 3 Table of Person Query Elements: QPB, QPA, QPC, QPD, QPS* (above) for descriptions of validation requirements for all of the individual message fields for person query transactions.

As listed in Section 1, the Person *query* transactions are:

- **QPB Query Person – Basic:** Basic information about a person, plus wants/warrants.
- **QPA Query Person – Aliases:** All that is included in QPB, plus any aliases on record for the person.
- **QPC Query Person – Criminal History:** All that is included in QPB, plus the person's criminal convictions and, optionally, full criminal history.
- **QPD Query Person – Alaska Driver History:** All that is included in QPB, plus the person's Alaska driver history.
- **QPL Query Person – Multiple Person List:** A list of persons that match your search criteria.

Individual person queries QPB, QPA, QPC and QPD require input of any of the following unique identifiers (or sets of identifiers the combination of which typically result in the identification of a particular person):

- APSIN ID (SID)
- Alaska driver license (ADL)
- Arrest tracking number (TRN)
- NCIC number (NIC)
- Social Security Number (SOC)
- Miscellaneous number (MNU) with Type (MNT) of DMV
- Name (NAM) with Date of birth (DOB) or Social Security Number (SOC)
- Separate name mnemonics (LNM, FNM, MNM, SNM) with DOB
- Separate name mnemonics (LNM, FNM, MNM, SNM) with SOC

If the data transmitted for the QPB, QPA, QPC and QPD transactions do not result in a unique match in APSIN, a QPL response will be automatically sent. Use the QPL to find a unique identifier for a successive individual person query.

Multiple person list inquiries (QPL) require the input of:

- Name (NAM) (last name and first initial at a minimum) or separate name mnemonics (LNM, FNM)
- Social Security Number (SOC)
- Name and SOC
- Name and DOB

- APSIN ID (SID)
- Alaska driver license (ADL)
- Arrest tracking number (TRN)
- NCIC number (NIC)
- Miscellaneous number (MNU) with Type (MNT) of DMV

When only one matching person is found in APSIN, the individual person information is still returned using the QPL format. Under this condition, the APSIN interface does not revert to the basic QPB format.

4.1. Multiple person-match response

The procedure described in this section is performed when the transaction supplies a person name but does *not* supply a unique person identifier (ADL, SID, DMV ID, or TRN).

Match scoring: A match scoring process determines the order in which matched APSIN person records are returned. A predetermined match score minimum threshold is set by the interface. This value is initialized to zero by default. Records having a score greater than or equal to the threshold value are returned in a list format. Records with the highest value appear at the top of the list. A record's search score can be a negative value, based on the search criteria sent in the transaction and how those criteria match up with APSIN data. The mnemonic SMS (Search Match Score minimum) can be used to override the default scoring threshold. SMS can contain a negative value, thus increasing the number of records returned in the list. Conversely, the higher the SMS value, the shorter the list.

Return group format: The formatted list presents records in groups of eight that satisfy the search criteria. You can review the list and use the APSIN ID to identify a specific person for update or query transactions.

The SRT (Search Return Total) mnemonic is used to expand the number of items returned by one transaction. Only the first eight people (one full page) are returned by default. To expand the number of formatted pages from one to three, the query transaction would include a mnemonic and data value of SRT/24. The interface is programmed to always return one or more full pages of data. Hence, any value between 17 and 24 would return three full, formatted pages. A value between 9 and 16 would return two full, formatted pages, and so forth.

Request subsequent pages: When you cannot find the person you are looking for on the returned list, you may request a subsequent page of data to be returned. This is accomplished by using the SRS (Search Result Sequence) mnemonic. The SRS field is returned as part of the response and it represents the sequence number of the next record that would be returned. For instance, when a full page of eight records is returned, then the SRS field would contain the value of nine. The message at the top of a formatted page would also read "ADDITIONAL PERSON RECORDS TO DISPLAY". Sending the original transaction back to APSIN with a mnemonic and data value of SRS/9 returns records with a sequence number of nine through 16. Theoretically, you can continue this iterative process until you receive the message "END OF PERSON DISPLAY" at the top of the formatted page. If the search criteria are not specific enough, and APSIN contains too many potential matches, then the final message may read "MORE NAMES EXIST

– REFINED YOUR CRITERIA”. The maximum number of potential matches that will be returned is 200.

Qualifying a name search: To generate a multiple person name list, the last name and the first name (or first initial) fields are usually sent (using either the NAM or the LNM/FNM mnemonics). Other qualifiers, as with the *Basic Person Record* function on the APSIN Main Menu, may be used to limit the number of records returned (if these other mnemonics are sent, the last name and at least the first initial must be sent). These fields include:

- Middle name (or initial) (MNM)
- Date of birth (DOB)
- Sex (SEX)
- Race (RAC)

The SSN by itself can produce a multiple person name list if more than one APSIN person record contains the same SSN.

4.2. Unique Person inquiries

These responses contain detailed information for an individual person on APSIN. When the APSIN / NCIC indicator (APS) is B, the inquiry is also made against NCIC.

To return an individual record from APSIN, the selection criteria must identify a unique person. In all cases an APSIN ID by itself is adequate; but if the transaction also includes the person's name, then the name must also match before the record is returned.

Other identifiers: Other unique identifiers that can be used are the Alaska driver license (ADL), NCIC number (NIC), ATN (TRN), SSN (SOC), and the DMV ID. The DMV ID is sent with the MNU mnemonic and is indicated by sending the value “DMV” in the MNT mnemonic.

Multiple “hits:” When more than one item matches any of the above input criteria, APSIN automatically returns a multiple list response, as described in the previous section. If more than one record is found for the ADL, DMV ID, NIC or TRN, then an informational message is also sent to the “INFO” terminal so DPS can research the anomaly.

Name-only search: When only a name is provided in the transaction without the presence of a unique identifier, then a name list is generated by using the search routine described in the previous section. When there is a single record in the returned list that has a match score of 20 or greater, then the APSIN interface considers that record to be an exact match. However, a QPL list is still returned to allow you to verify it is indeed the person you are requesting.

No record found: An informational message is returned when no records are found to match the input criteria.

4.3. Inquiry search logic

Once all basic field validation has succeeded, then the search logic described below is used to access the APSIN database to determine what the transaction response will contain. “Person unique identifiers” are defined as the APSIN ID (SID), ADL, DMV ID, ATN (TRN), and NCIC number (NIC). “Person demographic data” is defined as Last name (LNM), First name (or

initial) (FNM), Middle name (or initial) (MNM), Date of birth (DOB), Sex (SEX), Race (RAC), and Social Security Number (SOC).

Found unique identifier: When a unique identifier is provided in the transaction, then only one matching person record should exist in the database. When person demographic data are also provided in the transaction, then that data must also match the found person record. If either condition is not true, then a record-not-found message is returned.

Not found using unique identifier: When a record cannot be found for a provided unique identifier, and person demographic information is also supplied, then this demographic data is not used to further the search. In other words, the name search routine is not invoked when a unique identifier appears in the transaction.

Social Security Number only: An SSN search is performed only when SSN is the only search criterion supplied in the transaction.

Name search: The name search routine is invoked when no unique identifiers are provided in the transaction, and if, at a minimum, the last name and first name initial are provided. Additional demographic data supplied in the transaction are not used as “filter criteria,” but rather as “scoring criteria.” In other words, a record might be returned even if a supplied date of birth does not match the name record. However, its match score will be significantly lower than if the supplied date of birth matched the APSIN date of birth, and therefore the returned record will appear further down in a list of potential “hits.” The match scoring process functions as follows.

Soundex: The last name is processed through an existing APSIN program to compute the last name’s Soundex code. APSIN records are accessed using the Soundex code.

Matching score: Each record is scored based on how the data supplied in the transaction compares to the APSIN data. An exact match increases the score value. A mismatch reduces the score. It is possible to have a record whose total score is a negative value. The default SMS field value of zero eliminates these types of records from the returned person list. The total score is not affected by demographic data not supplied in the transaction. In this case, a field comparison is simply not performed.

Values used in the Match Score are:

- Soundex value
- Last name (LNM)
- First name (FNM)
- Middle name (MNM)
- Name suffix (SNM)
- Person date of birth (DOB)
- Social Security Number (SOC)
- Person sex (SEX)
- Person race (RAC)

4.4. Interested Person inquiries

APSIN keeps a table of specific people whose personal information is considered confidential. People on this list are called Interested Persons. Access of these records is monitored by the APSIN security officer. If an individual query attempts to access an “Interested Person” you will get back the following “screen:”

```
Access and attempts to access the record of WALTERS, WALTER
are monitored by the APSIN Security Officer.

The criminal justice information contained in APSIN is confidential.  It is
to be used by criminal justice agencies for criminal justice purposes only.

If you wish to cancel this transaction, press PF1. If you wish to continue
enter a brief explanation of the criminal justice purpose for this record
review.

_Routine traffic stop

_Active Case

_Confidential research

_Other (please describe):
```

To view the record the query must be re-transmitted adding the APSIN access explanation (mnemonic AAE) followed by a value for viewing the record.

- RT - Routine Traffic Stop
- AC - Active Case
- CR - Confidential Research
- OT - Other

If AAE is OT, then the APSIN access description (mnemonic AAD) must also be included. This is a comment field of 120 bytes explaining why the record is being viewed. All viewed records are written to a security log and monitored by the APSIN security officer, who may contact the sender.

4.5. Person inquiry text responses

All responses from the interface Person query transactions contain a message header, details of the original request, and a text message that characterizes the outcome of the transaction, as follows.

1. The message header: 61 bytes if LU6.2 client, 84 bytes if TCP/IP client. The last twenty bytes of the header are the same for both LU6.2 and TCP/IP clients:
 - a. Three-byte message number

- b. Two-byte message level (00 for successful transaction, non-zero for varying levels of error)
 - c. Date of the response (mmddyyyy format)
 - d. Time of the response (hhmmss format)
2. One space
3. The following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:
 - Message key (MKE)
 - APSIN / NCIC indicator (APS)
 - Last name (LNM)
 - Middle name (MNM)
 - First name (FNM)
 - Name suffix (SNM)
 - APSIN ID (SID)
 - Alaska driver license (ADL)
 - DMV ID (derived from MNT, MNU combination)
 - NCIC number (NIC)
 - Arrest tracking number (TRN)
 - Social Security Number (SOC)
 - Person date of birth (DOB)
 - Person race (RAC)
 - Person sex (SEX)
 - Search result sequence number (SRS)
4. The mnemonic "TXT/"
5. The system's response message indicating disposition of the transaction:
 - failure of the transaction
 - error or informational message

– OR –

 - a Presentation Response page successfully generated by the transaction

Each of the following sections includes examples of successful and unsuccessful requests and responses.

- Sample transaction *requests*: item 1 (transaction header) is represented as "**TransmissionHeader**".
- Sample transaction *responses*: items 1 through 5 above are represented by "**ResponseHeader**".

Name response: When the NAM field is sent in the transaction without the LNM field, then the transaction-parsing program is responsible for placing the individually parsed names into the appropriate LNM, FNM, MNM and SNM fields. These separate name fields are returned in the response, which allows you to view the exact name that was used to perform the search.

SRS field: The SRS field is sent only when a multiple person list response is sent. The SRS value represents the starting point of where a subsequent person list would begin. For instance, the original transaction can be returned to APSIN with a value of nine in the SRS field to indicate that the person list should start with the ninth record, thus bypassing the first eight records.

A sample message to query a person in APSIN:

- *TransmissionHeader*QPB.ORI/AKAST0123.NAM/SMITH,JANE.DOB/09091950.SSN/888551234

A sample error response to the message above is:

- *ResponseHeader*MKE/QPB.LNM/SMITH.FNM/JANE.DOB/09091950.SSN/888551234.TXT/ERROR - NO PERSON RECORDS MATCH CRITERIA GIVEN

5. NCIC PERSON FILE INQUIRY PROCESSING THROUGH THE APSIN INTERFACE

If the APSIN / NCIC indicator (APS) is B, the person query is against both APSIN and NCIC. An NCIC Query Warrant (QW) message is sent to inquire against all of the following NCIC files:

- Wanted Person File
- Missing Person
- Foreign Fugitive
- Violent Gang and Terrorist Organizations
- Protection Order
- ATF Violent Felon
- Deported Felon
- U.S. Secret Service Protective Files

When the name is supplied in the transaction, it must be accompanied by one, more than one, or all of the following alphanumeric identifiers:

- Person date of birth (DOB)
- FBI number (FBI)
- Social Security Number (SOC)
- Operator license number (OLN)

The DOB field should be sent to the interface using APSIN's MMDDYYYY format, and the Interface automatically converts it to NCIC's YYYYMMDD format. When DOB is not sent in a transaction, then the DOB from APSIN is used when an exact record match is found. The sex and race fields (if they are provided in the transaction or if they are already recorded in APSIN) are also sent in the NCIC QW message to limit the scope of the name search. Finally, the Alaska driver license (ADL) number is inserted into the OLN field as appropriate.

6. PERSON QUERY TRANSACTION EXAMPLES

The following subsections describe additional detailed information regarding person query transactions.

6.1. Person list responses--Presentation Format

The following page shows the presentation responses for a person query that results in the return of multiple records. This type of response normally occurs for a QPL transaction; however, all person queries might return this type of response when the search criteria do not result in identification of one particular person. A brief description of each response sample follows:

- Sample 1 represents the first response to a successful person query transaction where multiple records match the provided search criteria. This response includes only the first eight records, as represented by the message on the first line: "ADDITIONAL PERSON RECORDS TO DISPLAY". Additional responses are formatted until all records have been returned according to the SRT mnemonic. The "S#" column values change for each response list, thus representing the total number of records returned so far. For example, the response following the first response would list sequence numbers nine through 16. The sequence number is incremented accordingly until all records have been returned.
- Sample 2 represents the last response to a successful person list transaction where multiple records match the provided selection criteria. This final response for the query transaction is represented by the message on the first line: "END OF PERSON DISPLAY".

QPB or QPL Transaction (1)
Multiple Record Response (first response)

PIBN110P

```

1...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 ADDITIONAL PERSON RECORDS TO DISPLAY
2 APSIN INTERFACE (QPL)          MULTIPLE PERSON SELECTION          04/20/99  06:27:30.9
3
4 S#    FULL NAME/                DOB/        SOC SEC NUM S R HGT  WGT  ID NUM
5      RES ADDR: STREET            CITY              ADDR CHG DATE
6
7 1 * INFORMAT S INTERFACE        01/01/80 254-54-0019 M W 6 02 190 6279234
8      234 SPRUCE STREET          ANCHORAGE          12/29/98
9 2 * IMPY INTERFACE              04/15/57           M W           6279289
10     524 SNOW STREET            FAIRBANKS          03/23/96
11 3 ITTY INTERFACE                11/19/70 234-76-8345 M W 6 01 250 6279879 W
12     10102 RIVER ROAD           EAGLE RIVER        11/14/97
13 4 * ITTY BITTY INTERFACE        01/01/81           F B 5 04 130 1239234
14     7890 SUMMER STREET          SITKA              06/21/95
15 5 * IMPY DIMPY INTERFACE        04/15/57           F W           3219289
16     5432 TUDOR ROAD            ANCHORAGE          02/08/99
17 6 ITTY SMALL INTERFACE          11/19/75 456-78-4321 M W 5 01 160 4569879 W
18     15678 GLACIER PLACE         WASILLA            07/28/97
19 7 ITTY DINKY INTERFACE          11/19/74 789-78-4321 M B 6 02 215 3219879 W
20     2067 BOULDER LANE           GIRDWOOD           12/04/99
21 8 ITTY SHRIMP INTERFACE         11/19/73 654-78-4321 M W 5 01 150 6549879 W
22     510 MIDDLE STREET           JUNEAU             03/16/98

```

QPB or QPL Transaction (2)
Multiple Record Response (last response)

PIBN110P

```

1...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 END OF PERSON DISPLAY
2 APSIN INTERFACE (QPL)          MULTIPLE PERSON SELECTION          04/20/99  06:27:30.9
3
4 S#    FULL NAME/                DOB/        SOC SEC NUM S R HGT  WGT  ID NUM
5      RES ADDR: STREET            CITY              ADDR CHG DATE
6
7 1 * INFORMAT SNOOP INTERFACE    01/01/80 254-54-0019 M W 6 02 190 6279234
8      234 CEDAR STREET           ANCHORAGE          12/29/98
9 2 * IMPY Z INTERFACE            04/15/57           M W           6279289
10     524 RAIN STREET            FAIRBANKS          03/23/96
11
12
13
14
15
16
17
18
19
20
21
22

```

6.2. Query Basic Person (QPB) responses--Presentation Format

The following pages show the presentation responses for the QPB transaction when one person record peerlessly matches the provided search criteria. A brief description of each response sample follows:

- Sample 3 represents the Basic Person Record data in a format very similar to the APSIN Basic Person Record screen.
- Samples 4 and 5 represent the Want/Warrant Information stored in APSIN for the matched person. If there are additional Want/Warrant data to display, then the first line also contains the message "MORE WANT/WARRANT INFORMATION". Otherwise, the message reads "END OF WANT/WARRANT INFORMATION". If the Person is "linked" to a vehicle, then these messages are preceded by this linked information just as APSIN does.
- Sample 6 represents the Basic Person response that occurs when no want/warrant data exists for the displayed person.

QPB Transaction (3) Basic Person Record

PIBN110P

```

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 WANT/WARRANTS FOUND FOR THIS PERSON.
2 APSIN INTERFACE (QPB)          BASIC PERSON RECORD          09/27/07  13:08:37.8
3
4     PERSON NAME: ITTY INTERFACE
5         AKA: ITDITAROD IZZYALIAS INTERFACING
6     (MORE)  DOB: 11/19/1970    (MORE)  SSN: 234-76-8345      PERM ID:
7         SEX: M  HGT: 6 00  WGT: 180  HAIR: BRO  EYE COLOR: BRO  RACE: W
8 BIRTH PLACE CITY: CORDOVA          STATE: AK      MONIKER:      IFFS: D
9                                FP ON FILE: Y      FELON: Y      SOR: N
10
11     MOST CURRENT  STREET/EXTRA LINE      CITY/COUNTRY      ST LAST CHG
12     MAILING ADDR: 500 BIRCH STREET      APO                AE 09/16/2007
13     (APSIN)
14     RES ADDR: 500 BIRCHY STREET          PALMER             AK 09/16/2007
15     (APSIN)      BLANK COMMENT
16     APSIN ID: 6279879  STATUS:          CDL STATUS:
17 CLASS EXPIRES      CLASS EXPIRES      CLASS EXPIRES      CLASS EXPIRES
18 D      01/28/2010
19
20
21     ADL: 6279685          RESTRICTIONS:          CORR LENSES
22 DMV ID: 6279685

```

QPB Transaction (4)
Want/Warrant Information

PIBN111P

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 PERSON AND VEHICLE LINKED - LICENSE ZZN528 -MORE WANT/WARRANT INFORMATION
2 APSIN INTERFACE (QPC) WANT/WARRANT INFORMATION 09/27/07 15:02:29.2
3
4 PERSON NAME: ITTY INTERFACE
5 (MORE) AKA: ITDITAROD IZZYALIAS INTERFACING
6 (MORE) DOB: 11/19/1970 (MORE) SSN: 234-76-8345 RACE: W SEX: M
7 HEIGHT: 6 00 WEIGHT: 180 HAIR: BRO EYE: BRO SKIN:
8 APSIN ID: 6279879 ADL: 6279685 MARKS: TAT ABDOM
9 FBI NO: AST NO:
10 TEMPERAMENT:
11 DR LIC NO: STATE: COUNTRY:
12 * * * * * WANTS/WARRANTS * * * * *
13 C.O. NUM/ WARRANT SUB TYPE/ ATN OFFENSE DESCRIPTION/
14 C.O. DATE BAIL AMT AGENCY ID AGENCY CASE NCIC NUM
15 EXPIRE DATE SERVE DATE TIME AGENCY
16 (& OPTIONAL COMMENTS)
17 ***** THIS PERSON IS A CONVICTED SEX OFFENDER WHOSE *****
18 ***** REGISTRATION IS NOT COMPLIANT WITH SOR REGULATIONS. *****
19 %% APSIN CRIMINAL HISTORY RECS INDICATE SUBJECT REQ'D TO PROVIDE DNA SAMPLE %%
20 TESTMOK10011 FELONY 100720098 INSUFF FUNDS-CHECK
21 10/01/2001 INFORMATION SYSTEMS
22 TEST RECORD

QPB Transaction (5)
Want/Warrant Information

PIBN111P

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 PERSON AND VEHICLE LINKED - LICENSE ZZN528 -MORE WANT/WARRANT INFORMATION
2 APSIN INTERFACE (QPC) WANT/WARRANT INFORMATION 09/27/07 15:02:29.2
3 PERSON NAME: ITTY INTERFACE
4 (MORE) AKA: ITDITAROD IZZYALIAS INTERFACING
5 (MORE) DOB: 11/19/1970 (MORE) SSN: 234-76-8345 RACE: W SEX: M
6 * * * * * WANTS/WARRANTS * * * * *
7 C.O. NUM/ WARRANT SUB TYPE/ ATN OFFENSE DESCRIPTION/
8 C.O. DATE BAIL AMT AGENCY ID AGENCY CASE NCIC NUM
9 EXPIRE DATE SERVE DATE TIME AGENCY
10 (& OPTIONAL COMMENTS)
11 MOK210002 FELONY 100720071 LITTERING/PUB/PRIV
12 02/10/2000 INFORMATION SYSTEMS
13 MOK210001 FELONY 100720071 LITTERING/PUB/PRIV
14 02/10/2000 INFORMATION SYSTEMS
15 TESTMOK12081 FELONY 100720098 INSUFF FUNDS-CHECK
16 12/08/1999 INFORMATION SYSTEMS
17 TEST RECORD
18 TESTMOK1206991 FELONY 100720071 MAINTN HSE OF PROSTI
19 12/05/1999 INFORMATION SYSTEMS 000001234
20
21
22

QPB Transaction (6)
Basic Person Record

PIBN110P

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 NO WANT/WARRANTS FOUND FOR THIS PERSON.
2 APSIN INTERFACE (QPB) BASIC PERSON RECORD 09/27/07 13:08:37.8
3
4 PERSON NAME: ITTY INTERFACE
5 AKA: ITDITAROD IZZYALIAS INTERFACING
6 (MORE) DOB: 11/19/1970 (MORE) SSN: 234-76-8345 PERM ID:
7 SEX: M HGT: 6 00 WGT: 180 HAIR: BRO EYE COLOR: BRO RACE: W
8 BIRTH PLACE CITY: CORDOVA STATE: AK MONIKER: IFFS: D
9 FP ON FILE: Y FELON: Y SOR: N
10
11 MOST CURRENT STREET/EXTRA LINE CITY/COUNTRY ST LAST CHG
12 MAILING ADDR: 500 BIRCH STREET APO AE 09/16/2007
13 (APSIN)
14 RES ADDR: 500 BIRCHY STREET PALMER AK 09/16/2007
15 (APSIN) BLANK COMMENT
16 APSIN ID: 6279879 STATUS: CDL STATUS:
17 CLASS EXPIRES CLASS EXPIRES CLASS EXPIRES CLASS EXPIRES
18 D 01/28/2010
19
20
21 ADL: 6279685 RESTRICTIONS: CORR LENSES
22 DMV ID: 6279685

6.3. Query Person Alias (QPA) responses--Presentation Format

The following page shows the presentation responses for the QPA transaction when one person record peerlessly matches the provided search criteria. The initial sample responses are all of those shown for the QPB transaction, plus the following:

- Sample 7 represents the Person Alias Names response returned when there are more than 15 alias names to display.
- Sample 8 represents the Person Alias Names response returned when there are fewer than 15 alias names to display or all alias name displays have been exhausted.

QPA Transaction (7)
Person Alias Names

PIBN112P

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....

1 ADDITIONAL PERSON ALIAS NAMES TO DISPLAY

2 APSIN INTERFACE (QPA) PERSON ALIAS NAMES 04/20/99 06:14:57.1

3

4 PERSON NAME: ITTY INTERFACE

5 DOB: 11/19/1970 10/12/1970 04/29/1970 02/09/1970

6 SSN: 234-76-8345

7

8 AKA: 1. ITDITAROD IZZY INTERFACING

9 2. TEST RECORD INTERFACE

10 3. IT TEE IZ ZEE INTER FACE

11 4. ITTY IZ ZEE INTERFACE

12 5. HARRY GRANT MICHAEL INTERFACE

13 6. TESTING RECORD INTERFACE

14 7. IT TWO IZ ZEE INTER FACE

15 8. ITTY BIZEE INTERFACE

16 9. HARRY CARY MICHAEL INTERFACE

17 10. RECORD TO TEST INTERFACE

18 11. IT EEE IZ ZEE INTER FACE

19 12. ITTY FIZ ZEE INTERFACE

20 13. HARRY LARRY MICHAEL INTERFACE

21 14. ITTY COZ ZEE INTERFACE

22 15. HARRY BARRY MICHAEL INTERFACE

QPA Transaction (8)
Person Alias Names

PIBN112P

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....

1 END OF PERSON ALIAS NAMES TO DISPLAY

2 APSIN INTERFACE (QPA) PERSON ALIAS NAMES 04/20/99 06:14:57.1

3

4 PERSON NAME: ITTY INTERFACE

5 DOB: 11/19/1970 10/12/1970 04/29/1970 02/09/1970

6 SSN: 234-76-8345

7

8 AKA: 1. ITDITAROD LAZZY INTERFACING

9 2. IT C BIT C INTERFACE

10 3. IT ZEE ZEE INTER FACE

11

12

13

14

15

16

17

18

19

20

21

22

6.4. Query Person Criminal (QPC) responses--Presentation Format

The following pages show the presentation responses for the QPC transaction when one person record peerlessly matches the provided search criteria. The initial sample responses are all of those shown for the QPB transaction, plus the following:

- Sample 9 represents the Criminal Convictions response returned when there are more than ten convictions to display.
- Sample 10 represents the Criminal Convictions response returned when there are ten or fewer convictions to display or all criminal conviction displays have been exhausted. When a conviction record shows that the court disposition has not been entered into APSIN, and the arrest date is less than 120 days ago, then the message “ARREST INFORMATION EXISTS FOR THE PREVIOUS 120 DAYS” is displayed instead of the one shown on the sample.
- Sample 11 represents the Criminal Convictions response returned when there are not any criminal convictions to display for the individual.

QPC Transaction (9)
Person Convictions

PIBN113P

```
1...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 ADDITIONAL CONVICTIONS TO DISPLAY
2 APSIN INTERFACE (QPC)          CRIMINAL CONVICTIONS          10/05/07      14:32:06.9
3
4 PERSON NAME: ITTY INTERFACE
5 AKA: ITDITAROD IZZYALIAS INTERFACING
6 UPDATED:          AST NUM:          APSIN ID: 6279879      FBI NUM:
7 CRIMINAL HISTORIES MAY EXIST IN: WA OR CA ID
8 FP CLASS:
9
10 CONV      CONV      CONVICTING      COURT      POS
11 COURT     DATE      CHARGE          DOCKET      ID FEL      ATN
12 -----
13 ANC      06/21/04 SEX ABUSE MINOR 4 - UNDR 16, VIC ANC9080234      Y N 100720071
14 ANC      05/01/04 SEXUAL ASSAULT 1 MOK0501200401 Y Y 100720071
15 ANC      02/08/99 SEX ASLT/CHILD FOND MOK020901      Y Y 100720071
16 ANC      01/11/99 MAINTN HSE OF PROSTI MOK011101      Y N 100720071
17 ANC      08/06/98 MAINTN HSE OF PROSTI MOK0806001      Y N 100720071
18 ANC      06/07/98 LITTERING/PUB/PRIV MOK0819001      Y N 100720071
19 ANC      06/05/98 RAPE - GUN INVOLVED ANC987234      Y Y
20 ANC      06/08/98 RAPE - GUN INVOLVED ANC978234      Y Y
21
22
```

QPC Transaction (10)
Person Convictions

PIBN113P

```
1...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 END OF PERSON CONVICTIONS DISPLAY
2 APSIN INTERFACE (QPC)          CRIMINAL CONVICTIONS          10/05/07      14:32:06.9
3
4 PERSON NAME: ITTY INTERFACE
5 AKA: ITDITAROD IZZYALIAS INTERFACING
6 UPDATED:          AST NUM:          APSIN ID: 6279879      FBI NUM:
7 CRIMINAL HISTORIES MAY EXIST IN: WA OR CA ID
8 FP CLASS:
9
10 CONV      CONV      CONVICTING      COURT      POS
11 COURT     DATE      CHARGE          DOCKET      ID FEL      ATN
12 -----
13 ANC      06/01/98 RAPE - GUN INVOLVED ANC237849      Y Y
14
15 ** THIS RECORD SHOWS CONVICTION INFORMATION AND RECENT ARRESTS. **
16 ** ARRESTS OVER 120 DAYS OLD AND NOT ADJUDICATED ARE OMITTED. **
17
18
19
20
21
22
```

QPC Transaction (11) **Person Convictions**

PIBN113P

```

1...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 END OF PERSON CONVICTIONS DISPLAY
2 APSIN INTERFACE (QPC)          CRIMINAL CONVICTIONS          10/05/07      14:32:06.9
3
4  PERSON NAME: ITTY INTERFACE
5      AKA: ITDITAROD IZZYALIAS INTERFACING
6  UPDATED:          AST NUM:          APSIN ID: 6279879      FBI NUM:
7  CRIMINAL HISTORIES MAY EXIST IN:
8  FP CLASS:
9
10 CONV      CONV      CONVICTING      COURT      POS
11 COURT      DATE      CHARGE      DOCKET      ID FEL      ATN
12 -----
13
14          * * * NO CRIMINAL CONVICTIONS FOR THIS PERSON * * *
15
16
17
18
19
20
21
22

```

6.5. QPC – Full Criminal History (FCH)

The QPC transaction can specify that the returned data is to also include full criminal history information by including the FCH mnemonic. When this is the case, then all of the previous samples are returned, plus the following:

- Samples 12 and 13 represent the Criminal History response returned when there are more than one criminal history records to display.
- Sample 14 represents the Criminal History response returned when there is only one criminal history record to display or when all criminal history records have been returned.
- Sample 15 represents the Criminal History response returned when there are not any criminal history records to display for the selected individual.

QPC Transaction (12)
Criminal History

PIBN114P

1....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....

1

2 APSIN INTERFACE (QPC) CRIMINAL HISTORY 09/27/07 13:10:14.3

3 PERSON NAME: ITTY INTERFACE

4 AKA: ITDITAROD IZZYALIAS INTERFACING

5 DOB: 11/19/1970 11/28/1990 01/28/1950 01/28/1970 10/12/1970

6 SSN: 234-76-8345 211-28-2005 212-82-0051 201-28-2005 234-76-8343

7 SEX: M WEIGHT: 180 HEIGHT: 6 00 HAIR: BRO

8 EYE COLOR: BRO RACE: W SKIN:

9 TEMPERAMENT: MARKS: TAT ABDOM

10 BIRTH CITY: CORDOVA STATE: AK COUNTRY:

11 APSIN ID: 6279879 AST NUMBER: FBI NUMBER:

12 CITIZEN: FELON: Y SOR: N DNA: R FP ON FILE: Y

13 STREET/EXTRA LINE CITY/COUNTRY STATE LAST CHGD

14 MAILING ADDR: 500 BIRCH STREET APO AE 09/16/2007

15

16 RES ADDR: 500 BIRCHY STREET PALMER AK 09/16/2007

17 BLANK COMMENT

18 OCCUPATION: BARISTA EMPLOYMT: HERITAGE CAFE

19 PER COMMENT: TEST RECORD

20

21 CRIMINAL HISTORIES MAY EXIST IN: WA OR CA ID

22 UPDATED: FP CLASS:

QPC Transaction (13)
Criminal History

PIBN115P

1....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....

1 APSIN INTERFACE (QPC) CRIMINAL HISTORY 09/27/07 13:10:14.3

2 PERSON NAME: ITTY INTERFACE

3 AKA: ITDITAROD IZZYALIAS INTERFACING APSIN ID: 6279879

4 ARRESTING AGENCY/CASE: INFO MOK209001 FBI NBR:

5 ATN: 100720071 UCN: DATE: 12/30/1998 CHRG: 4001 MAINTN HSE OF PROSTI DV: N

6 STATUTE: *

7 CONVICTING COURT: ANC DATE: 01/11/1999 CHRG: 4001 MAINTN HSE OF PROSTI DV:

8 STATUTE: *

9 COURT DOCKET: MOK011101 POS ID: Y FELONY: N DISP: GUILTY

10 CONDITION: XX

11 XX

12 SENTENCE YEARS DAYS AMOUNT DATE TO COMPLETE FP DATE: 12/30/1998

13 JAIL 112 182

14 JAIL SUSP 1

15 FINE \$123,456,789.00 12/31/1999 *CHARGE MODIFIER

16 FINE SUSP \$ 500.00 CODES ARE:

17 JAIL 1 A = ATTEMPTED

18 JAIL 1 S = SOLICITED

19 JAIL SUSP 1 C = CONSPIRACY

20 DEFER PROS G = GANG

21 RESTITUTIO \$500,000,099.00

22 FINE \$ 500.00 MORE....

QPC Transaction (14)
Criminal History

PIBN115P

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 APSIN INTERFACE (QPC) CRIMINAL HISTORY 09/27/07 13:10:14.3
2 PERSON NAME: ITTY INTERFACE
3 AKA: ITDITAROD IZZYALIAS INTERFACING APSIN ID: 6279879
4 ARRESTING AGENCY/CASE: INFO MOK209001 FBI NBR:
5 ATN: 100720071 UCN: DATE: 08/01/1998 CHRG: 4001 MAINTN HSE OF PROSTI DV:
6 STATUTE: *
7 CONVICTING COURT: ANC DATE: 08/06/1998 CHRG: 4001 MAINTN HSE OF PROSTI DV:
8 STATUTE: *
9 COURT DOCKET: MOK0806001 POS ID: Y FELONY: N DISP: GUILTY
10 CONDITION:
11
12 SENTENCE YEARS DAYS AMOUNT DATE TO COMPLETE FP DATE: 06/02/1998
13
14
15 *CHARGE MODIFIER
16 CODES ARE:
17 A = ATTEMPTED
18 S = SOLICITED
19 C = CONSPIRACY
20 G = GANG
21
22 * AT END *

QPC Transaction (15)
Criminal History

PIBN115P

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 APSIN INTERFACE (QPC) CRIMINAL HISTORY 04/20/99 06:14:57.1
2 PERSON NAME: ITTY INTERFACE
3 AKA: ITDITAROD IZZYALIAS INTERFACING APSIN ID: 6279879
4
5
6
7
8
9
10
11
12
13
14
15 * * * NO CRIMINAL HISTORY RECORDS FOR THIS PERSON * * *
16
17
18
19
20
21
22 * AT END *

6.6. Query Alaska Driver History (QPD) responses--Presentation Format

The following pages show the presentation responses for the QPD transaction when one person record peerlessly matches the provided search criteria. The initial sample responses will be all of those shown for the QPB transaction, plus the following:

- Sample 16 represents “Page 1” of the Driver History response. Unless DET/Y has been included in the request, only this page will be returned.
- Sample 17 represents “Page 2” of the Driver History response. This response is returned only when there is driver demographic data to report and DET/Y has been included in the request.
- Sample 18 represents the Driver History response returned when there is “License Actions” data to report and DET/Y has been included in the request.
- Sample 19 represents the Driver History response returned when there is “Violations” data to report and DET/Y has been included in the request.
- Samples 20 through 22 show how the responses will appear when there is no data to report for a specific category (driver demographic, license actions, and violations), and DET/Y has been included in the request.

QPD Transaction (16)
Alaska Driver History

PIBN116P

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 ADDITIONAL DRIVING RECORD INFORMATION TO DISPLAY
2 APSIN INTERFACE (QPD) ALASKA DMV DRIVING RECORD 04/20/99 06:14:57.1
3
4 PERSON NAME: MIRANDA ELIZABETH MOPPET III PAGE 1
5
6 DOB: 11/19/1970 SSN: 234-76-8345 SEX: M
7 HEIGHT: 6 00 WEIGHT: 180 HAIR: BRO EYE COLOR: BRO
8 BIRTH PLACE CITY: STATE: COUNTRY:
9 APSIN ID: 6000656 DMV ID: 6000656
10 ORGAN-DONOR: N ORGAN-DATE: 06/09/2006
11 ALCH END: 10/10/2009 IID END: 11/11/2009 HAZMAT EXPIRE: 01/03/2008
12 STREET/EXTRA LINE CITY/COUNTRY ST ZIP CODE
13 DL MAILING ADDR: FOURTH OF JULY STREET ANCHORAGE AK 99507
14 CHGD: 07/01/1998
15 DL RES ADDR: FOURTH OF JULY STREET ANCHORAGE AK 99507
16 CHGD: 07/01/1998
17 ADL NUM: 6000656 STATUS: 12-MO PTS: 0 24-MO PTS: 0
18 LICENSE COMMENT:
19 LAST ROAD TEST: 11/19/1997 CLASS: D CDL STATUS:
20 GUARDIAN NAME:
21 RELATIONSHIP: PDPS DATE:
22 ADL NUM: STATE: COUNTRY:

QPD Transaction (17)
Alaska Driver History

PIBN116P

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 ADDITIONAL DRIVING RECORD INFORMATION TO DISPLAY
2 APSIN INTERFACE (QPD) ALASKA DMV DRIVING RECORD 04/20/99 06:14:57.1
3
4 PERSON NAME: MIRANDA ELIZABETH MOPPET III PAGE 2
5
6 ADL NUM: 6000656 STATUS: RESTRICTION: 1 2 3 4
7 PREV LICENSE NO: 6000656 B STATE: WA COUNTRY:
8 DATE SURRENDER: 12/28/1990 LIC RETURN: 01/01/1993 STATE: OR
9 CDL ENDORSE: CDL STATUS:
10 IMPROVMT COURSE: DRIVER NOTICE: Z
11 ROAD TEST
12 CL ORIG DATE EXPIRE DATE ISSUE DATE OFFICE DUP OFFICE DATE
13 D 12/12/1980 02/04/2003 12/30/1998 INFO INFO 12/12/1980
14
15
16
17
18
19
20
21
22

QPD Transaction (18)

Alaska Driver History

PIBN117P

```

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 ADDITIONAL DRIVING RECORD INFORMATION TO DISPLAY
2 APSIN INTERFACE (QPD)      ALASKA DMV DRIVING RECORD      04/20/99      06:14:57.1
3
4 APSIN ID: 6000656          ADL NUM: 6000656          DMV NUM: 6000656          PAGE 3
5 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
6 ACTION/DETAIL      REASON FOR ACTION      OCCURRENCE      EFFECTIVE
7 TICKET NO          AGENCY          COURT          CONVICTION      ENDING
8 LIMITED            090            11/01/1984      11/11/1984
9                    ALASKA STATE TR /          11/11/1984      06/15/1985
10
11 SUSPENDED 330      FT POST SECUR/RELEAS      12/31/1984      01/01/1985
12                    AST0 /          01/01/1986
13
14 REVOKED 110        REFUSAL/IMP CONSENT      03/01/1985      04/04/1985
15                    INFORMATION SYS / DISTRICT COUR      05/01/1985      05/05/1986
16
17 SUSPENDED          INFORMATION SYS /          01/27/1988      01/27/1988
18                    03/27/1988
19
20 REVOKED 110        VIOLATE LIMITED LIC      07/15/1988      08/01/1988
21                    ODC0 / NB          07/31/1988      08/01/1990
22

```

QPD Transaction (19)

Alaska Driver History

PIBN118P

```

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 END OF DRIVING RECORD INFORMATION DISPLAY
2 APSIN INTERFACE (QPD)      ALASKA DMV DRIVING RECORD      04/20/99      06:14:57.1
3
4 APSIN ID: 6000656          ADL NUM: 6000656          DMV NUM: 6000656          PAGE 4
5
6 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
7 NUMBER      CDL DESCRIPTION      ATN      OCCURRENCE      FINE-----SUSP
8            ARREST AGENCY      CONV COURT      CONVICTION      JAIL-----SUSP
9 A9999954      FOLLOW TOO CLOSE      01/01/1984
10            ALASKA STATE TR / DISTRICT COUR      02/02/1984
11
12 A9999950      DUI ALCOHOL OR DRUG      01/01/1984
13            ANCHORAGE POLIC / DISTRICT COUR      03/15/1984      0.030
14
15 A9999954      FOLLOW TOO CLOSE      01/01/1984
16            ALASKA STATE TR / DISTRICT COUR      03/15/1984      0.030
17
18 A9999965      IMP LANE CHANGE      03/13/1984      $90      $45
19            OUT-OF-STATE DR / NB      03/21/1984      2.000      1.000
20
21 A9999966      FOLLOW TOO CLOSE      06/05/1984
22            ALASKA STATE TR / DISTRICT COUR      06/06/1984

```

QPD Transaction (20)
Alaska Driver History

PIBN116P

```
1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 END OF DRIVING RECORD INFORMATION DISPLAY
2 APSIN INTERFACE (QPD)    ALASKA DMV DRIVING RECORD    04/20/99    06:14:57.1
3
4     PERSON NAME: MIRANDA ELIZABETH MOPPET III                PAGE 1
5
6             DOB: 11/19/1970                SSN: 234-76-8345                SEX: M
7             HEIGHT: 6 00                WEIGHT: 180                HAIR: BRO                EYE COLOR: BRO
8 BIRTH PLACE CITY:                STATE:                COUNTRY:
9     APSIN ID: 6000656    DMV ID: 6000656
10
11
12
13
14
15
16             * * * NO LICENSE ON FILE FOR THIS PERSON * * *
17
18
19
20
21
22
```

QPD Transaction (21)
Alaska Driver History

PIBN117P

```
1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 ADDITIONAL DRIVING RECORD INFORMATION TO DISPLAY
2 APSIN INTERFACE (QPD)    ALASKA DMV DRIVING RECORD    04/20/99    06:14:57.1
3
4     APSIN ID: 6000656    ADL NUM: 6000656    DMV NUM: 6000656    PAGE 3
5 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
6     ACTION/DETAIL    REASON FOR ACTION    OCCURRENCE    EFFECTIVE
7     TICKET NO    AGENCY    COURT    CONVICTION    ENDING
8
9
10
11
12
13
14             * * * NO LICENSE ACTIONS FOR THIS PERSON * * *
15
16
17
18
19
20
21
22
```

QPD Transaction (22)
Alaska Driver History

PIBN118P

```

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 END OF DRIVING RECORD INFORMATION DISPLAY
2 APSIN INTERFACE (QPD)      ALASKA DMV DRIVING RECORD      04/20/99      06:14:57.1
3
4  APSIN ID: 6000656          ADL NUM: 6000656          DMV NUM: 6000656          PAGE 4
5  * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
6  NUMBER      CDL DESCRIPTION          ATN      OCCURRENCE      FINE-----SUSP
7              ARREST AGENCY      CONV COURT      CONVICTION      JAIL-----SUSP
8
9
10
11              * * * NO VIOLATIONS FOR THIS PERSON * * *
12
13
14
15
16
17
18
19
20
21
22 ABOVE RECORD IS THE MOST CURRENT AVAILABLE--DOES NOT INCLUDE ANY PENDING DATA

```

IV. DMV VEHICLE INQUIRY

The following chart summarizes the transactions covered in this chapter.

Message		(Update, Query, No Access)		
<u>Key</u>	<u>Action</u>	<u>APSIN</u>	<u>NCIC</u>	<u>Comment</u>
QVI	DMV Vehicle Inquiry	Q	Y	Display DMV vehicle data. Allow inquiry by person or company name, APSIN ID, ADL, NCIC number, or vehicle data.

1. DMV INQUIRY (QVI) TRANSACTIONS

DMV vehicle inquiries are made with a QVI transaction. The primary purpose of running a QVI transaction is to identify a specific vehicle and obtain registration, title, license and warrant information. DMV vehicles include passenger vehicles, trucks, buses, vans, motorhomes, motorcycles, boats, ATV's, snowmachines and trailers.

Inquiries for an individual vehicle require the input of a license number, a tab number, an NCIC number or a VIN. Vehicle make and model fields can also be supplied in the transaction, but they are used only as filter criteria. When multiple vehicles are found to match the supplied criteria, a list of vehicles is returned (QVL) instead of the detailed DMV vehicle information responses. The QVL will list specific identifiers for the vehicle. To return the vehicle information an additional QVI with specific vehicle identifiers must be sent.

DMV may store vehicle owner data by person or company name. A vehicle can have up to four owners.. Since the law does NOT require a vehicle owner to have a driver's license, the actual name on the vehicle registration or title form may be stored on the DMV vehicle record. This may create an inconsistency when searching by person or company names. DMV customers may not be consistent and use monikers, add or leave out middle names or initials as well as drop suffixes on their registration or title forms. In addition the exact same owner name may be used to register different owners. It is up to the user to determine if the returned data does indeed belong to the person they are searching for.

The input query message may specify vehicle owner data (either person or a company) or vehicle-identifying data, but not both. When both types of data are supplied, only the owner data is used to process the inquiry request, and a message is returned stating that the other vehicle data was not used for the request. Also, when both person and company owner name are provided, no search is conducted and an error message is returned.

Linking the owner name to the driver's license number is optional in DMV. The registration and title process does allow the DMV customer service representative to link the vehicle to the person's driver license if the name on the driver license and vehicle registration or title forms match exactly. When this happens the QVL and vehicle information will display the DMV ID/LIC value which is the owner's driver license number. If the DMV ID/LIC value is blank then the license number and vehicle owner have not been linked.

The name of a person or a company name is used to perform a Vehicle Owner Name search. When an Owner Name search finds more than one matching DMV vehicle record, a Vehicle List by Name (QVL) is returned indicating that an owner could not be uniquely matched using the provided name data. If the Owner Name search finds a unique person or company with multiple vehicles, then an Owner Vehicle List is returned. When a unique person or company is found with only one vehicle, then a series of detailed vehicle information pages is returned. When want/warrant information is associated with the located vehicle record, that data also is included in the detailed response.

Inquiries for linked vehicles owners may be searched by person identifiers using the APSIN ID, the ADL, or the NCIC number found on an existing want/warrant. If the unique identifier is found and more than one vehicle is linked to it, an Owner Vehicle List is returned. When the

person identifier search finds only one vehicle, then a series of detailed vehicle information pages is returned. When want/warrant information is associated with the located vehicle record, that data also is included in the detailed response. The response data will be for the specific individual searched for but may NOT include ALL of the person's vehicle information. It will NOT include any UNLINKED vehicles.

In summary, inquiries for a DMV vehicle inquiry produce the following types of responses:

1. Vehicle list by owner (person or company) name
2. Vehicle list belonging to a specific person or company
3. Unique DMV vehicle record response consisting of a series of detailed screens (may include want/warrant information)
4. List of vehicles that match license plate or tab number

These inquiry responses are described in detail in sections 2.1 through 2.4; and examples are shown in sections 6.1 through 6.4.

2. TYPES OF QVI RESPONSES

2.1. DMV Vehicle list by owner (person or company) name response

The logic described in this section is performed when the transaction supplies person or company owner name data without a linked unique person identifier such as Alaska driver license (ADL), APSIN person ID (SID), or NCIC number (NIC). The person Last name (LNM) and First name (FNM), or the Company name (CNM), in the transaction is used to try to locate a single record in the DMV vehicle database. When a single, exact match against the DMV owner name is unsuccessful, then a list by person or company owner name is generated using the name search described as follows.

- The last name and first name (or first name initial) supplied in the transaction are used as a starting point in the DMV database. For example, if the owner name supplied is John Smith, then the first owner returned will be greater than or equal to that name on an alphabetical scale. Therefore, names like Jane Smith and Joe Smith will not appear in the response since the first name characters “JA” and “JOE” appear before the characters “JOH”. Furthermore, if John Smith does not exist in the database, then the response list may start with a name such as Johnny Smith, since the first name characters “JOHNN” appear after the characters “JOHN”. Company name is processed similarly.
- As shown in Section 6 QUERY VEHICLE INFORMATION TRANSACTION EXAMPLES, the formatted list presents records in groups of 15 starting from the first record that satisfies the name data. You can review the list and use the license number to identify a specific vehicle for a subsequent query transaction. You can also use the company's name or the person's last name and first name to identify a specific company or person for a subsequent query transaction.
- When you cannot find the person or company you are looking for on the returned list, then you may request a subsequent page of data to be returned by using the Search result sequence (SRS). The SRS value is returned as part of the response and it represents the sequence number of the next record that would be returned. For instance, when a full page of 15 records is returned, then the SRS value would be 16. The message at the top of a formatted page would also read “ADDITIONAL VEHICLE OWNER RECORDS TO DISPLAY”. Sending the original transaction back to APSIN with SRS/16 returns records with a sequence number of 16 through 30. You can continue this iterative process until you receive the message “END OF VEHICLE OWNER DISPLAY” at the top of the formatted page. However, the maximum number of DMV persons or companies that can be returned is 210 or 14 full-page responses. As such, it is more likely that the final message will read “MORE NAMES EXIST – REFINE YOUR CRITERIA”.
- As an alternative or in addition to the above, the Search return total (SRT) field is used to expand the number of items returned by a single transaction. As mentioned, only the first 15 people or companies (one full page) are returned by default. To expand the number of formatted pages from one to three, the query transaction would include SRT/45. The interface is programmed to always return one or more full screens of data. Hence, any

value between 31 and 45, would in fact return three, full formatted pages. A value between 16 and 29 would return only two, full formatted pages, and so forth.

In order for a vehicle list by person owner name to be generated, the last name and the first name (or first name initial) are required in the input message (via either the NAM or LNM and FNM).

2.2. DMV Vehicle list for a specific person or company response

The logic described in this section is performed when the transaction supplies owner data sufficient to identify a specific person or company at DMV, and the owner has more than one DMV vehicle.

- In order for a person's or company's list of DMV vehicles to be returned, the selection criteria must uniquely identify either a specific person or a company.
- When more than one vehicle is associated with a person or a company, the APSIN interface automatically returns a vehicle list response for the person or company.
- In order to view the detailed DMV vehicle information, a new transaction must be sent back through the interface and it must contain only unique vehicle data such as License plate number (LIC) and/or Vehicle identification number (VIN).
- When a vehicle list for a specific person or company is returned, an NCIC inquiry cannot be generated (an NCIC message will be sent only when a unique DMV vehicle is found and the APSIN/NCIC indicator (APS) is B – see the next section).
- There is no limit on the number of vehicles returned for an owner. Fifteen vehicle records per page are listed. If 22 vehicle records are found, then two pages are returned. When 34 records are found, then three pages are returned, and so forth.

2.3. Unique DMV vehicle record response

The processing flow is described as follows.

- These responses contain detailed information for an individual vehicle in DMV. When the APS field is B, the inquiry is also made against NCIC. If want/warrant information exists for the vehicle, it also is returned.
- In order for DMV vehicle detail information to be returned, the selection criteria must uniquely identify a specific vehicle. This can be done by supplying unique vehicle data such as License plate number (LIC), Tab number (TAB), and/or VIN, as well as by identifying a specific person or a specific company who has only one DMV vehicle. Inquiring by a non-current LIC or TAB will successfully identify the vehicle that used to have that license plate or tab number. However, inquiring by an owner who is no longer the current owner will not find the specific vehicle. This is similar to the DMV Vehicle Check function in APSIN.
- When an inquiry is made using vehicle data only, and if the transaction includes the vehicle model and/or make, the make/model information will be used to filter the query results.

- Only under the circumstance that an individual vehicle has been found, will an NCIC inquiry be generated. The APS field must be B and the Originating agency ID (ORI) must be supplied for an NCIC inquiry.
- An informational error message is returned when no records are found to match the input criteria or no vehicle information exists for a found owner. The message suggests the use of the QV (query vehicle) or QVL (query vehicle list) transactions, using the same input criteria. These transactions search the APSIN database for stolen or recovered vehicle information instead of searching for DMV vehicle information.

2.4. List of DMV vehicles response

The processing flow is described as follows.

- These responses contain multiple vehicle records from the DMV database. This type of response occurs when the License plate number (LIC) or Tab number (TAB) selection criteria identify multiple vehicles in the DMV database. Even though multiple vehicles may have the same LIC, or more rarely the same TAB, only zero or one of those vehicles will have a current status for the LIC or TAB. Vehicle identification number (VIN) is unique on the DMV database, so no more than one vehicle should have the same VIN.
- As shown in Section 6 QUERY VEHICLE INFORMATION TRANSACTION EXAMPLES of this chapter, the formatted list presents records in groups of 15 that satisfy the search criteria. There is no limit on the number of vehicles returned. If 22 records satisfy the criteria, then two responses are returned. If 34 records are found, then three responses are returned, and so forth.
- An informational message is returned when no records are found to match the input vehicle criteria. The message suggests the use of the QV (query vehicle) or QVL (query vehicle list) transactions, using the same input criteria. These transactions search the APSIN database for stolen and recovered vehicle information instead of searching for DMV vehicle information.

3. OWNER SEARCH LOGIC

Once all field validation has successfully occurred, then the search logic described below is used to access the DMV database to determine the contents of the transaction response. Person unique identifiers are defined as the State identification number (SID, or APSIN ID), Alaska driver license (ADL), DMV ID (MNT value of “DMV” paired with an MNU value of DMV’s unique ID), and NCIC number (NIC). Furthermore, person name data is defined as Last name (LNM), and First name (or initial) (FNM).

- When a unique person identifier is provided in the transaction, then only one matching person record should exist in the database. When a person name is also provided in the transaction, then that name must also match the found person record in order for it to be returned. If either condition is not true, then a “record not found” error message is returned.
- When a record cannot be found for a provided unique identifier, and a person name is also supplied, then this name data is NOT used to further the search. In other words, the name search routine is invoked only if no unique identifier appears in the transaction.
- The person name search routine is invoked only when no unique identifiers are provided in the transaction, and if, at a minimum, LNM and FNM are provided. Additional person demographic data are not allowed in a QVI message. Error messages are returned when unrecognized field mnemonics appear in the transaction.
- The Company name (CNM) search routine is invoked when no person unique identifiers or name fields are provided in the transaction, and if CNM is provided.
- Vehicle records are selected only when the uniquely identified person, the person name, or the company name is a current owner of the vehicle. **Vehicles owned by the person or company in the past, but not owned by them currently, are not selected.**

4. TEXT RESPONSES TO VEHICLE INQUIRY TRANSACTIONS

All responses from the interface Arrest transactions contain a message header, details of the original request, and a text message that characterizes the outcome of the transaction, as follows.

1. The message header: 61 bytes if LU6.2 client, 84 bytes if TCP/IP client. The last twenty bytes of the header are the same for both LU6.2 and TCP/IP clients:
 - Three-byte message number
 - Two-byte message level (07 for successful transaction; 06 for notification msg.; 04 for validation error; 05 for system error; 01, 02, or 03 for rejected transaction)
 - Date of the response (mmddyyyy format)
 - Time of the response (hhmmss format)
2. Two asterisks (**)
3. The following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:
 - Message key (MKE)
 - APSIN/NCIC indicator (APS)
 - Search result sequence number (SRS)
 - State identification number (SID) (APSIN Person ID)
 - Alaska driver license (ADL)
 - DMV ID (MNU value)
 - Last name (LNM)
 - First name (FNM)
 - Company name (CNM)
 - NCIC number (NIC)
 - Vehicle identification number (VIN)
 - License plate number (LIC)
 - License plate state (LIS)
 - Vehicle tab number (TAB)
 - Vehicle make (VMA)
 - Vehicle model (VMO)
4. The mnemonic "TXT/"
5. The system's response message indicating disposition of the transaction:
 - success of the transaction
 - failure of the transaction
 - error or informational message

When the NAM field is sent in the transaction without the LNM and FNM fields, the interface parses the name into the LNM and FNM fields. These separate name fields are returned in the response, which allows you to view the exact name that was used to perform the search.

The SRS field is returned only when a vehicle list by person name response is sent. The value in the SRS field represents the starting point of where a subsequent vehicle list by person name would begin. For instance, the original transaction can be returned to APSIN with a value of 16 in the SRS field to indicate that the list should start with the sixteenth record, thus bypassing the first 15 records.

Each of the following sections includes examples of successful and unsuccessful requests and responses.

- Sample transaction *requests*: item 1 (transaction header) is represented as “**TransmissionHeader**”.
- Sample transaction *responses*: items 1 through 3 above are represented by “**ResponseHeader**”.

4.1. Error responses from QVI transactions

Error responses are sent when a query cannot be processed for numerous specific reasons. Review **Fig. 1 Table of DMV Vehicle Query Elements: QVI** for details of the validation requirements that, if not met, may result in the rejection of a transaction. Examples of reasons a QVI transaction might be rejected include:

- Missing mandatory field(s)
- Neither owner- nor vehicle-identifying data provided on the transaction
- A record matching provided unique identifying owner data (Person’s ADL, APSIN ID, DMV ID) is not present in APSIN, or the name provided does not match the Person record obtained using the unique identifying data
- License state (LIS) provided is not AK

There are numerous detailed error messages you may receive due to validation errors that do not prevent processing the transaction. In these cases the field in error is not critical, and is skipped for processing while the valid data on the transaction is successfully processed.

4.2. QVI sample request with error response

Unsuccessful request and response where Miscellaneous number type (MNT) is invalid (only ‘DMV’ is allowed):

- **TransmissionHeader**QVI.APS/A.ORI/AKAST0102.MNT/DOC.MNU/1546777.NAM/INTERFAC
E,I
- **ResponseHeader**TXT/2526 ERROR - INVALID MISCELLANEOUS NUMBER TYPE OF: DOC
- CANNOT BE USED IN THIS TRANSACTION

Fig. 1 Table of DMV Vehicle Query Elements: QVI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)		Y	Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 3	Message key		Y		QVI
2	APS	A 1	APSIN / NCIC indicator	A or blank = process against APSIN only B = process against APSIN and NCIC			If APS is not included, the transaction will be processed as APSIN-only.
3	FMT	A 1	Formatted response indicator	'N' for Data Transmission Format or 'Y' for Presentation Response Format.			Format response indicator can be either N or Y, however, only Y (Presentation Response Format) is presently available.
4	SRT	N 4	Search return total	Used to request max number to be returned for list type query response			<p>Use SRT to specify the maximum number of person-list records you wish to be returned by the interface.</p> <p>SRT can be used in conjunction with SRS. For example, if you want 16 records listed beginning with the ninth record found by the interface, you would supply values as follows:</p> <p>SRT/16.SRS/9.</p> <p>Use SRT value of 9999 to cause all records to be returned. If SRT is not specified, the system defaults its value to 15.</p>
5	SRS	N 4	Search result sequence number				<p>If you are requesting that the returned person list begin at a particular position in the sequence other than the first position, you may specify that position using SRS.</p> <p>The value of SRS may not be greater than 210. If you do not specify SRS, its value is defaulted to 1.</p>

Fig. 1 Table of DMV Vehicle Query Elements: QVI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
6	AAE	A 2	APSIN access explanation		Y*		Required if the located person record is one that must be monitored by the APSIN Security Officer. Valid values are RT, AC, CR and OT.
7	AAD	A 120	APSIN access description		Y*		Optional if the located person record is one that must be monitored by the APSIN Security Officer. The description is always required when the AAE value is OT. It is optional for the other three AAE codes.
8	ORI	A 9	Originating agency identifier			Y	The identifier of the originating agency. Validates against APSIN Company and Security files . ORI is mandatory when APS is B.
9	SID	N 7	State identification number	Alaska state ID number for person; the APSIN ID.	Y*		The APSIN ID of the vehicle owner. Either SID or ADL is required for the transaction to identify the vehicle owner.
10	ADL	N 7	Alaska drivers license number	ADL is generated by Division of Motor Vehicles. ADL can be used to locate a person record in the APSIN database.	Y*		Alaska Driver License may be used as a unique matching criterion. The ADL must be found in APSIN -- and the Person on record for the ADL must match any other identifying information included on the transaction. If the APSIN record for the ADL has been consolidated into another APSIN Person record, the transaction will be processed using the "consolidate-to" record. You will receive an advisory message indicating this.
11	MNT	A 3	Person miscellaneous ID number type	ADL = Alaska Driver License DOC = Dept. of Corrections	Y*	Y*	The combination of Miscellaneous Number Type (MNT) and Misc. Number (MNU) may be used as matching criteria. The MNT value may only be "DMV". The MNU field must contain the DMV ID that is to be used for matching.

Fig. 1 Table of DMV Vehicle Query Elements: QVI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
12	MNU	A 25 or N 7	Person miscellaneous ID number	Usually used for the Alaska DMV ID number (ADL) for person. Usually the SID and ADL are the same.	Y*		<p>The DMV ID may be supplied in the MNU field to be used as a unique matching criterion.</p> <p>The DMV ID must be found in APSIN -- and the Person on record for the DMV ID must match any other identifying information included on the transaction.</p> <p>If the APSIN record for the DMV ID has been consolidated into another APSIN Person record, the transaction will be processed using the "consolidate-to" record. You will receive an advisory message indicating this.</p>
13	NAM	A 25, A 15	Person full name	Sometimes "last, first middle suffix" Sometimes "first middle last suffix"	Y*	Y	<p>Name fields may be used as matching criteria.</p> <p>Instead of using NAM, you may include names separately using LNM and FNM.</p> <p>The format is detailed in NCIC 2000 Code Manual "Personal Descriptors" SECTION 2-NAME FIELDS. The data must be formatted as "Last,^First", where the ^ character represents a space. Last name should not exceed 25 characters in length. First name should not exceed 15 characters in length.</p> <p>If one of the unique identifying fields (SID, ADL, or DMV-ID supplied in MNU field) were included on the transaction, then all included name fields (the components of NAM, or the individually transmitted fields LNM and FNM) must match a name listed on the uniquely identified Person record.</p>

Fig. 1 Table of DMV Vehicle Query Elements: QVI

Seq	Element	Format	Name	Descr	Req AP SIN	Req NCIC	Comments
14	LNM	A 25	Last name		Y*	Y	Last Name may be included as part of NAM, or separately as LNM. See NAM for how names are treated.
15	FNM	A 15	First name		Y*	Y	First Name may be included as part of NAM, or separately as FNM. See NAM for how names are treated.
16	VMA	A 24	Vehicle make		Y		Comprised of 4-character make, and an [optional] expanded 20-character "make text." Validation is against only the first four characters. Validated (with VMO) against table 101 PR-MKMO combination.
17	VMO	A 3	Vehicle model				Validated (with VMA) against table 101 PR-MKMO combination.
18	VIN	A 21	Vehicle identification number				
19	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system			Must start with W for an owner-specific (Person or Company) inquiry; must start with V for a vehicle-specific vehicle inquiry.
20	CNM	A 30	Company name				Indicates the name of the company that owns the vehicle. Must not be present if the NAM (or LNM, FNM) field is present.
21	LIC	A 10	License plate number				
22	LIS	A 2	License plate state		Y*		Must be present if LIC is present; the only allowed value is AK since the QVI transaction is specific to the Alaska DMV.
23	TAB	A 7	Property registration number				

Fig. 1 Table of DMV Vehicle Query Elements: QVI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
24	DET	A 1	Details (Y/N to request detailed info)				Use Y to request all license and title details for the vehicle. The default is N.

5. NCIC VEHICLE FILE INQUIRY PROCESSING THROUGH THE APSIN INTERFACE

When the APSIN/NCIC indicator (APS) is B and a unique DMV vehicle record is found, then an NCIC Query Vehicle (QV) message is sent to inquire against all appropriate NCIC files, if you have authority to send vehicle queries to NCIC. The QV message is sent using the License plate number (LIC) and Vehicle identification number (VIN) from the located DMV record. The License plate state (LIS) is sent to NCIC with a value of AK.

When APS is B and a unique DMV vehicle record cannot be located, a QV message is still sent to NCIC provided the appropriate LIC and/or VIN fields are sent in the transaction (again, the LIS is sent to NCIC with a value of AK).

When the transaction contains the NIC prefixed with a V, then that field is used to create the message, and the LIC and VIN fields, if present, are ignored for the NCIC query.

6. **QUERY VEHICLE INFORMATION TRANSACTION EXAMPLES**

The following sections describe additional detailed information regarding DMV vehicle information query transactions.

6.1. **Response example: DMV Vehicle list by owner (person or company) name**

The following pages show the presentation responses for a vehicle information query resulting in the return of multiple records. This type of response occurs when person data is supplied in the transaction and when that data is not specific enough to identify a unique DMV person, or when a company name is supplied but the name does not exactly match any owner company names for DMV vehicles. A brief description of each screen follows.

- Sample 1 represents the first response to a successful vehicle information query transaction where multiple records are found to match the provided person data. This response includes only the first 15 records, indicated by the message on the first line: “ADDITIONAL OWNER RECORDS TO DISPLAY”. Additional responses are formatted until all records have been returned according to the Search return total (SRT) value. The “S#” column values change for each response list, representing the total number of records returned so far.
- Sample 2 represents the last response to a successful vehicle information query transaction where multiple records are found to match the provided person data and the transaction’s SRT value is greater than 15. This final response for the query transaction is represented by the message on the first line: “END OF OWNER DISPLAY”. The message may also read, “MORE NAMES EXIST – REFINE YOUR CRITERIA”, when the transaction’s SRT value is greater than 210 and this is the last response in a full set of 14 responses.

An asterisk (*) in the leftmost column indicates that the person listed on the line has more than one vehicle at DMV. Hence, the vehicle information on the detail line is suppressed from the response.

QVI Transaction (1)**Multiple Person Record Response (first response)**

PIVN511P

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...

1 ADDITIONAL OWNER RECORDS TO DISPLAY

2 APSIN INTERFACE (QVI) VEHICLE SEARCH BY OWNER 04/20/99 06:27:30.9

3

4 CRITERIA - NAME: J JACKSON

S#	NAME	ID/LIC	C	MAKE	YR	MDL	SY	RESIDENCE	CITY	LIC	NUM
1	JIM JACKSON										
2	JOE JACKSON	621134	V	FORD	80	MUS	2D	ANCHORAGE		CUP456	
3	MICHAEL JACKSON	345671	V	CHEV	90		2D	ANCHORAGE		GUL432	
4	MONA JACKSON	567111	V	FORD	82	MUS	2D	ANCHORAGE		HUP868	
5	NICHOLAS JACKSON		V	CHEV	88	IMP	2D	ANCHORAGE		QEP238	
6	RHONDA JACKSON		V	FORD	85	MUS	2D	ANCHORAGE		EFP590	
7	RON JACKSON	677568	V	FORD	89	LTD	4D	ANCHORAGE		BBP325	
8	SARAH JACKSON	567122	B	CADI	90	ELD	2D	KATMAI NATL		XUC346	
9	SAM JACKSON	345571	V	FORD	85		PK	WHITTIER		ABC923	
10	SAMUAL JACKSON	345571	B	DATS	84		HB	KING SALMON		SUP245	
11	TERRY JACKSON										
12	TERRY JEAN JACKSON										
13	VICTOR JACKSON		V	VOLV	70	164	4D	FAIRBANKS		NUG684	
14	VICTORIA JACKSON		B	CADI	92	ELD	2D	JUNEAU		AUP274	
15	ZENA JACKSON	377789	V	CHEV	90		2D	ANCHORAGE		LUD028	

QVI Transaction (2)**Multiple Person Record Response (last response)**

PIVN511P

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...

1 END OF OWNER DISPLAY

2 APSIN INTERFACE (QVI) VEHICLE SEARCH BY OWNER 04/20/99 06:27:30.9

3

4 CRITERIA - NAME: J JACKSON

S#	NAME	ID/LIC	C	MAKE	YR	MDL	SY	RESIDENCE	CITY	LIC	NUM
16	JIM JACOBSON										
17	JOHN JACOBSON	621734	V	FORD	80	MUS	2D	ANCHORAGE		CUP456	
18	MICHAEL JACOBSON	348871	V	CHEV	90		2D	ANCHORAGE		GUL432	
19	MONA JACOBSON	567123	V	FORD	82	MUS	2D	ANCHORAGE		HUP868	
20	NICHOLAS JACOBSON		V	CHEV	88	IMP	2D	ANCHORAGE		QEP238	

6.2. Response example: DMV Vehicle list for a specific person or company

The following pages show the presentation responses for vehicle information resulting in the return of multiple vehicle records for a specific person or company. A brief description of each screen follows.

- Sample 3 represents the first response to a successful vehicle information query transaction where multiple vehicle records are found to match the provided person or company data. This response includes only the first 15 records, indicated by the message on the first line: “ADDITIONAL VEHICLE RECORDS TO DISPLAY”. Additional responses are formatted until all records have been returned. The “S#” column values change for each response list, representing the total number of records returned so far.
- Sample 4 represents the last response to a successful vehicle information query transaction where multiple vehicle records are found to match the provided person or company data. This final response for the query transaction as represented by the message on the first line: “END OF VEHICLE DISPLAY”.

QVI Transaction (3)

Multiple Person/Company Vehicle Record Response (first response)

PIVN512P

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524
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QVI Transaction (4)

Multiple Person/Company Vehicle Record Response (last response)

PIVN512P

```

1...+....1.....+....2.....+....3.....+....4.....+....5.....+....6.....+....7.....+....
1 END OF VEHICLE DISPLAY
2 APSIN INTERFACE (QVI)                OWNER VEHICLE SEARCH          04/20/99   06:27:30.9
3
4 CRITERIA - APSIN ID: 6280569
5
6 S#    LIC NO SERIAL NUMBER              MAKE YR MDL C SY ID/LIC  RESIDENCE CITY
7
8 16 BUP751 77777777777777777777 FORD 81 MUS V 2D 6280729 ANCHORAGE           W
9 17 AUP751 65133333333333333333 CHEV 91 IMP V 2D 6280729 FAIRBANKS
10 18 BBP751 55555555555555555555 FORD 81 BRO V 2D 6280729 ANCHORAGE           W
11 19 XUC751 44444444444444444444 DATS 87 SEN B 2D 6280729 ANCHORAGE

```

6.3. Response example: Unique DMV vehicle record

The following pages show the presentation responses for a vehicle information query resulting in the return of a unique DMV vehicle record for an individual person or company. A brief description of each screen follows.

- Sample 5 represents the first response to a successful vehicle information query transaction where only one vehicle record is found to match the provided person, company, or vehicle data. Unless DET/Y (Details requested) has been included in the request, only this first screen of vehicle data is returned. The message on line 1 indicates a want/warrant is associated with this vehicle. The want/warrant data is included in the response (see screens 16 – 17) and appears after all of the detailed vehicle information is returned.
- Sample 6 represents the first response to a successful vehicle information query transaction where only one vehicle record is found to match the provided person, company, or vehicle data. Once again, unless DET/Y has been included in the request, only this first screen of vehicle data is returned. The message on line 1 indicates multiple want/warrants are associated with this vehicle. All of the want/warrant data is included in the response (see screens 16 – 17) and appears after all of the detailed vehicle information is returned.
- Sample 7 represents the first response to a successful vehicle information query transaction where only one vehicle record is found to match the provided person, company, or vehicle data. The message on line 1 indicates that the license plate shown in the message has been reported as stolen. This message overrides any potential want/warrant message that may have been displayed; however, all of the want/warrant data is included in the response (see screens 16 – 17) and appears after all of the detailed vehicle information is returned.
- Sample 8 represents the first response to a successful vehicle information query transaction where only one vehicle record is found to match the provided person, company, or vehicle data. The message on line 1 indicates that there are no want/warrants associated with this vehicle, but that there is additional vehicle information to display.
- Sample 8A represents the first response to a successful boat information query transaction where only one vehicle record is found to match the provided person, company or boat data. Additional boat information is returned only when DET/Y has been included in the request. Only the basic detail response is different for boats
- Sample 9 represents additional detail vehicle information including any associated lien information, which is returned only when DET/Y has been included in the request.
- Samples 10 and 11 represent a multi-page response of the vehicle's title information. When only one response is needed to display this information, then the first line on page 1 reads "END OF TITLE INFORMATION - MORE VEHICLE INFORMATION TO DISPLAY" to indicate that additional detailed vehicle responses are to follow. All current and past title data is displayed, but only when DET/Y has been sent.
- Samples 12 and 13 represent a multi-page response of the vehicle's license information. When only one response is needed to display this information, then the first line on page

1 reads “END OF LICENSE AND VEHICLE INFORMATION”. All current and past license data is displayed, again only when DET/Y has been sent.

- Samples 14 and 15 represent how the responses appear when there is no title and/or license information to display for the vehicle and DET/Y has been sent.
- Samples 16 and 17 represent the Want/Warrant Information stored in APSIN for the matched vehicle. Note that if there are additional Want/Warrant data to display, then the first line also contains the message “MORE WANT/WARRANT INFORMATION”. Otherwise, the message reads “END OF WANT/WARRANT INFORMATION”. Since the person is “linked” to a vehicle, then these messages are preceded by this linked information.

QVI Transaction (5)**DMV Vehicle Record Response (first response – one want/warrant found)**

PIVN513P

```
1...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 WANT/WARRANT FOR * JANE SMITH 6279898 ON THE VEHICLE - MORE VEHICLE INFORMATION
2 APSIN INTERFACE (QVI)          DMV VEHICLE INFORMATION          04/20/99  06:27:30.9
3     OWNER: MIRANDA MOPPET
4
5
6
7     LICENSE: BUP751          SERIAL: 7777777777777777751
8     MODEL YEAR: 1989          MAKE: FORD          MODEL: MUS          STYLE: 2D
9     COLOR: RED          CLASS: 11  UNLADEN WGT:          METHOD:
10    ATC:          2ND SERIAL:          RESTRICT:
11    EXPIRATION: 7 1996  LIENHOLDER:
12    STREET/EXTRA LINE          CITY/COUNTRY          ST  ZIP/DATE
13    MAILING: 1          ANCHORAGE          AK  99504
14
15    RESIDENCE: 1          ANCHORAGE          AK  99504
16
17    BASE ST:          COUNTRY:          PREV: OR
18 * * * * * STOLEN/STATUS INFORMATION * * * * *
19    MSG:          AGENCY:
20 N NON SUFFIC  11/29/1996  CHECK VEHICLE LINK          PAX4
21
22
```

QVI Transaction (6)**DMV Vehicle Record Response (first response – multiple want/warrants found)**

PIVN513P

```
1...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 MULTIPLE WANT/WARRANTS ASSOCIATED WITH THIS VEHICLE - MORE VEHICLE INFORMATION
2 APSIN INTERFACE (QVI)          DMV VEHICLE INFORMATION          04/20/99  06:27:30.9
3     OWNER: MIRANDA MOPPET
4
5
6
7     LICENSE: BUP751          SERIAL: 7777777777777777751
8     MODEL YEAR: 1989          MAKE: FORD          MODEL: MUS          STYLE: 2D
9     COLOR: RED          CLASS: 11  UNLADEN WGT:          METHOD:
10    ATC:          2ND SERIAL:          RESTRICT:
11    EXPIRATION: 7 1996  LIENHOLDER:
12    STREET/EXTRA LINE          CITY/COUNTRY          ST  ZIP/DATE
13    MAILING: 1          ANCHORAGE          AK  99504
14
15    RESIDENCE: 1          ANCHORAGE          AK  99504
16
17    BASE ST:          COUNTRY:          PREV: OR
18 * * * * * STOLEN/STATUS INFORMATION * * * * *
19    MSG:          AGENCY:
20 N NON SUFFIC  11/29/1996  CHECK VEHICLE LINK          PAX4
21
22
```

QVI Transaction (7)**DMV Vehicle Record Response (first response – stolen plate)**

PIVN513P

```
1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 LIC PLATE BUP751 REPORTED STOLEN 03/15/1999 CASE 12345 - MORE VEHICLE INFO
2 APSIN INTERFACE (QVI) DMV VEHICLE INFORMATION 04/20/99 06:27:30.9
3 OWNER: MIRANDA MOPPET
4
5
6
7 LICENSE: BUP751 SERIAL: 7777777777777777751
8 MODEL YEAR: 1989 MAKE: FORD MODEL: MUS STYLE: 2D
9 COLOR: RED CLASS: 11 UNLADEN WGT: METHOD:
10 ATC: 2ND SERIAL: RESTRICT:
11 EXPIRATION: 7 1996 LIENHOLDER:
12 STREET/EXTRA LINE CITY/COUNTRY ST ZIP/DATE
13 MAILING: 1 ANCHORAGE AK 99504
14
15 RESIDENCE: 1 ANCHORAGE AK 99504
16
17 BASE ST: COUNTRY: PREV: OR
18 * * * * * STOLEN/STATUS INFORMATION * * * * *
19 MSG: AGENCY:
20 N NON SUFFIC 11/29/1996 CHECK VEHICLE LINK PAX4
21
22
```

QVI Transaction (8)**DMV Vehicle Record Response (first response – no want/warrants found)**

PIVN513P

```
1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 MORE VEHICLE INFORMATION TO DISPLAY
2 APSIN INTERFACE (QVI) DMV VEHICLE INFORMATION 04/20/99 06:27:30.9
3 OWNER: MIRANDA MOPPET
4
5
6
7 LICENSE: BUP751 SERIAL: 7777777777777777751
8 MODEL YEAR: 1989 MAKE: FORD MODEL: MUS STYLE: 2D
9 COLOR: RED CLASS: 11 UNLADEN WGT: METHOD:
10 ATC: 2ND SERIAL: RESTRICT:
11 EXPIRATION: 7 1996 LIENHOLDER:
12 STREET/EXTRA LINE CITY/COUNTRY ST ZIP/DATE
13 MAILING: 1 ANCHORAGE AK 99504
14
15 RESIDENCE: 1 ANCHORAGE AK 99504
16
17 BASE ST: COUNTRY: PREV: OR
18 * * * * * STOLEN/STATUS INFORMATION * * * * *
19 MSG: AGENCY:
20 N NON SUFFIC 11/29/1996 CHECK VEHICLE LINK PAX4
21
22
```

QVI Transaction (8A)**DMV Boat Record Response (first response – stolen boat)**

PIVN513P

```

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 END OF VEHICLE INFORMATION
2 APSIN INTERFACE (QVI)          DMV BOAT INFORMATION          04/20/99  06:27:30.9
3     OWNER: DIANE TEST
4
5
6
7     BOAT NUM: 1114AA          NAME:  SKIPPIN          CLASS: B2
8     HIN: NONE          ADF&G:          LENGTH: 15          MODEL YEAR: 1998
9     MAKE: YAMAHA MOTOR CORP USA  TYPE: [PWC.(I.E. JET SKI)          FUEL: NONE
10    USE RENTAL          HULL: FIBERGLASS/PLASTIC  POWER: OARS/PADDLES
11    COLOR: HULL: WHITE          CABIN:  BLUE          TRIM:  RED
12    2 HIN:          RESTRICT: Y  EXPIRE:  11 2009  PREV:
13    MAILING: I MOVED          ANCHORAGE          AK  99504
14
15    RESIDENCE: I MOVED          ANCHORAGE          AK  99504
16
17    BASE ST:          COUNTRY:          PREV: OR
18 * * * * * STOLEN/STATUS INFORMATION * * * * *
19 S STOLEN  11/29/1996          MSG CASE: 070071414 ITEM: 3          AGENCY ANC

```

QVI Transaction (9)**DMV Vehicle Record Response (lien record display)**

PIVN514P

```

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 MORE VEHICLE INFORMATION TO DISPLAY
2 APSIN INTERFACE (QVI)          DETAIL VEHICLE RECORD          04/20/99  06:27:30.9
3 OWNER:  MIRANDA MOPPET
4
5
6
7     LICENSE: HV2000          SERIAL: 78888888888888888870  STATUS: TITLE & REG
8     MODEL YEAR: 1991          MAKE: FORD          MODEL: MUS          STYLE: 2D
9     COLOR: GRN          CLASS: 15  UNLADEN WGT:          METHOD:
10    ATC:          2ND SERIAL:          TAX EXEMPT: C
11    EXPIRATION:          ORIGINAL:          TAX LOC:          UNIT NO:
12    PREV ST: **          I/M REQ: Y          I/M NUM:          HV TAX: N
13    STREET/COUNTRY          CITY/EXTRA LINE  ST  ZIP CODE
14    MAILING: 1          ANCHORAGE          AK  99504
15
16    RESIDENT: 1          ANCHORAGE          AK  99504
17
18    LIENHOLDER: MIRANDA'S BANK
19    LIEN ADDR: MIAN STREET          SOME CITY          AK
20
21    BASE ST:          ODOMETER: 0          RESTRICT:          FLEET NO:
22

```

QVI Transaction (10)
DMV Vehicle Record Response (title records display)

PIVN515P

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 MORE TITLE INFORMATION TO DISPLAY
2 APSIN INTERFACE (QVI) DETAIL VEHICLE RECORD 04/20/99 06:27:30.9
3 LICENSE: HV2000 SERIAL: 78888888888888888870 PAGE: 1
4 * * * * * TITLE INFORMATION * * * * *
5 TITLE NO SURR ISSUE DATE
6 OWNERSHIP NAME
7 K2000 10/22/1997
8 OWNER MOPPET MIRANDA
9 CO-OWNER MIRANDA'S HUSBAND
10 CO-OWNER MIRANDA'S BROTHER
11 CO-OWNER MIRANDA'S SISTER
12 CO-OWNER MIRANDA'S MOTHER
13 CO-OWNER MIRANDA'S FATHER
14 LIEN HDL MIRANDA'S BANK
15 K1000 11/15/1994
16 OWNER JONES JOHN
17 CO-OWNER SIMTH JANE
18 LIEN HDL THE SAVINGS AND LOAN
19 K0900 09/07/1992
20 LEASEE DOE JOHN
21 LEASEE DOE JANE
22 LEASOR AAA LEASING AND CO.

QVI Transaction (11)
DMV Vehicle Record Response (final title records display)

PIVN515P

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 END OF TITLE INFORMATION - MORE VEHICLE INFORMATION TO DISPLAY
2 APSIN INTERFACE (QVI) DETAIL VEHICLE RECORD 04/20/99 06:27:30.9
3 LICENSE: HV2000 SERIAL: 78888888888888888870 PAGE: 2
4 * * * * * TITLE INFORMATION * * * * *
5 TITLE NO SURR ISSUE DATE
6 OWNERSHIP NAME
7 K0800 02/01/1990
8 OWNER CLINTON BILL
9 CO-OWNER THE GOVERNMENT
10 LIEN HLD THE PEOPLE
11
12
13
14
15
16
17
18
19
20
21
22

QVI Transaction (12)

DMV Vehicle Record Response (license records display)

PIVN516P

```

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 MORE LICENSE INFORMATION TO DISPLAY
2 APSIN INTERFACE (QVI)          DETAIL VEHICLE RECORD          04/20/99  06:27:30.9
3     LICENSE: HV2000          SERIAL: 7888888888888888888870          PAGE: 1
4 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
5 LIC NO          DATE REPLACE
6                 TAB NO          DATE PAID
7
8 HV2000          10/20/1996
9                 ABC1234
10                1234ABC
11                9876543
12                3456789
13 BX7780          10/15/1991
14                7865432
15                8976321
16                9988772
17                1986348
18                2629875
19 JLK123          09/15/1985
20                3487190
21                2756092
22                1875009

```

QVI Transaction (13)

DMV Vehicle Record Response (final license records display)

PIVN516P

```

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 END OF LICENSE AND VEHICLE INFORMATION
2 APSIN INTERFACE (QVI)          DETAIL VEHICLE RECORD          04/20/99  06:27:30.9
3     LICENSE: HV2000          SERIAL: 78888888888888888870          PAGE: 2
4 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
5 LIC NO          DATE REPLACE
6                TAB NO          DATE PAID
7
8 HV2000          10/20/1996
9
10
11
12
13
14
15
16
17
18
19
20
21
22

```


QVI Transaction (14)

DMV Vehicle Record Response (no title records display)

PIVN515P

```

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 MORE VEHICLE INFORMATION TO DISPLAY
2 APSIN INTERFACE (QVI)          DETAIL VEHICLE RECORD          04/20/99  06:27:30.9
3     LICENSE: HV2000             SERIAL: 78888888888888888870      PAGE:    1
4 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
5 TITLE NO      SURR      ISSUE DATE
6 OWNERSHIP     NAME
7
8
9
10
11
12                NO TITLE DATA FOR THIS VEHICLE
13
14
15
16
17
18
19
20
21
22

```

QVI Transaction (15)

DMV Vehicle Record Response (no license records display)

PIVN516P

```

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 END OF VEHICLE INFORMATION
2 APSIN INTERFACE QVI          DETAIL VEHICLE RECORD          04/20/99  06:27:30.9
3     LICENSE: HV2000          SERIAL: 78888888888888888870          PAGE: 1
4 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
5 LIC NO          DATE REPLACE
6                 TAB NO          DATE PAID
7
8
9
10
11
12                 NO LICENSE DATA FOR THIS VEHICLE
13
14
15
16
17
18
19
20
21
22

```

QVI Transaction Want/Warrant Information (16)

PIBN111P

```

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 PERSON AND VEHICLE LINKED - LICENSE 5432CJ AK - MORE WANT/WARRANT INFORMATION
2 APSIN INTERFACE (QVI)          WANT/WARRANT INFORMATION      04/20/99      06:14:57.1
3
4 PERSON NAME: ITTY INTERFACE
5
6 (MORE)  DOB: 11/19/1970          SSN: 234-76-8345      RACE: W      SEX: M
7          HEIGHT: 6 01  WEIGHT: 250      HAIR: BRO      EYE: BLU      SKIN:
8          APSIN ID: 6279879  ADL: 6279685  MARKS:
9          FBI NO:                  AST NO:
10 TEMPERAMENT:                  MEDICAL:
11 DR LIC NO:                   STATE:                  COUNTRY:
12 * * * * * * * * * * * * * * * * WANTS/WARRANTS * * * * * * * * * * * * * * * *
13 C.O. NUM./      WARRANT SUB TYPE/      ATN      OFFENSE DESCRIPTION/
14 C.O. DATE      BAIL AMT  AGENCY ID      NIC NUM
15 EXPIRE DATE    SERVE DATE TIME  AGENCY
16      (& OPTIONAL COMMENTS)
17      ***** THIS PERSON IS A CONVICTED SEX OFFENDER WHOSE *****
18      ***** REGISTRATION IS NOT COMPLIANT WITH SOR REGULATIONS. *****
19 TESTMOK11131    FELONY                  100720098      INSUFF FUNDS-CHECK
20 11/13/1998      INFORMATION SYSTEMS
21                  ANCHORAGE POLICE DEPARTMENT
22

```

QVI Transaction (17) Want/Warrant Information

PIBN111P

```

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 PERSON AND VEHICLE LINKED - LICENSE 5432CJ AK - END OF WANT/WARRANT INFORMATION
2 APSIN INTERFACE (QVI)          WANT/WARRANT INFORMATION      04/20/99      06:14:57.1
3 PERSON NAME: ITTY INTERFACE
4
5 (MORE)  DOB: 11/19/1970          SSN: 234-76-8345      RACE: W      SEX: M
6 * * * * * * * * * * * * * * * * WANTS/WARRANTS * * * * * * * * * * * * * * * *
7 C.O. NUM./      WARRANT SUB TYPE/      ATN      OFFENSE DESCRIPTION/
8 C.O. DATE      BAIL AMT  AGENCY ID      NIC NUM
9 EXPIRE DATE    SERVE DATE TIME  AGENCY
10      (& OPTIONAL COMMENTS)
11      TEST RECORD
12 TESTMOK11132    FELONY                  100720098      INSUFF FUNDS-CHECK
13 03/02/1999      INFORMATION SYSTEMS
14      TEST RECORD
15 TESTMOK42001    FELONY                  100720098      INSUFF FUNDS-CHECK
16 04/20/1998      INFORMATION SYSTEMS
17      TEST RECORD
18
19
20
21
22

```

6.4. Response example: List of DMV vehicles

The following pages show the format of presentation responses for a vehicle information query resulting in the return of multiple vehicle records for the transaction's vehicle data. A brief description of each response sample follows.

- Sample 18 represents the first response to a successful vehicle information query transaction where multiple vehicle records are found to match the provided vehicle data. This response only includes the first 15 records, as represented by the message on the first line: "ADDITIONAL VEHICLE RECORDS TO DISPLAY". Additional responses are formatted until all records have been returned. The "S#" column values change for each response list, representing the total number of records returned so far.
- Sample 19 represents the last response to a successful vehicle information query transaction where multiple records are found to match the provided vehicle data. This final response for the query transaction is represented by the message on the first line: "END OF VEHICLE DISPLAY".

An error message is returned when no records are found to match the input vehicle criteria. The message suggests the use of the QV (Query Vehicle) or QVL (Query Vehicle List) transaction, using the same input criteria. These transactions search the APSIN database for stolen and recovered vehicle information instead of searching for DMV vehicle information.

QVI Transaction (18)
DMV Vehicle List Response (first response)

PIVN517P

```
1...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 ADDITIONAL VEHICLE RECORDS TO DISPLAY
2 APSIN INTERFACE (QVI)          MULT PROPERTY SELECTION          04/20/99  06:27:30.9
3
4      CRITERIA: LICENSE NUMBER
5
6  S#    FULL NAME                LIC NO SERIAL NUMBER                MAKE  YR  MDL  SY
7
8  1 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
9  2 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
10 3 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
11 4 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
12 5 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
13 6 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
14 7 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
15 8 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
16 9 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
17 10 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
18 11 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
19 12 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
20 13 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
21 14 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
22 15 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
```

QVI Transaction (19)
DMV Vehicle List Response (last response)

PIVN517P

```
1...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 END OF VEHICLE DISPLAY
2 APSIN INTERFACE (QVI)          MULT PROPERTY SELECTION          04/20/99  06:27:30.9
3
4      CRITERIA: LICENSE NUMBER
5
6  S#    FULL NAME                LIC NO SERIAL NUMBER                MAKE  YR  MDL  SY
7
8  16 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
9  17 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
10 18 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
11 19 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
12 20 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
13 21 * XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXX  99  XXX  XX
14
15
16
17
18
19
20
21
22
```

V. STOLEN AND RECOVERED VEHICLES

The following chart summarizes the transactions covered in this chapter.

Message		(Update, Query, No Access)		
<u>Key</u>	<u>Action</u>	<u>APSIN</u>	<u>NCIC</u>	<u>Comment</u>
EV	Enter vehicle	U	U	
MV	Modify vehicle	U	U	
XV	Cancel vehicle	U	U	
LV	Locate vehicle	U	U	
CV	Clear vehicle	U	U	
QVL	Query vehicle list	Q	N	List of vehicles.
QV	Query vehicle	Q	Q/N	Display information about a specific vehicle.

1. ***STOLEN AND RECOVERED VEHICLE TRANSACTIONS***

Vehicle transactions are used to store in APSIN information about vehicles (or vehicle-related property such as parts or license plates) that are abandoned, stolen, impounded, located, lost/missing, or towed. “Vehicle” in the broad sense includes cars, trucks, trailers, snow machines, all-terrain vehicles, boats, planes, license plates and vehicle parts. The term “vehicle item” is sometimes used in this chapter to generically indicate the many kinds of property that can constitute a “vehicle” in the interface.

Vehicle items are associated to who owns the vehicle. Hence each vehicle item record includes the APSIN ID of the property owner.

Transactions are not posted to the database until they have successfully passed a rigorous validation routine. This includes ensuring that mandatory fields are transmitted. If mandatory fields are missing or found to be invalid then the transaction is rejected and no data is posted. When non-mandatory fields are invalid, only the fields in error are not posted to APSIN. As validation errors occur, appropriate error messages are formatted and sent back to the originating agency, informing them of the exact problem.

The details of which matching information is mandatory or optional, and how that information is used, are described in the context of the specific transactions in sections that follow.

The vehicle *entry and update* transactions are:

- **EV Enter Vehicle:** Create a “vehicle item record” in the APSIN database to record a stolen or missing vehicle, boat, plane, license plate, or vehicle part. The record includes identification of who owns the property.
- **MV Modify Vehicle:** Change information on the record to modify its description or status.
- **LV Locate Vehicle:** Record the recovery of a vehicle item by changing its status to L.
- **CV Clear Vehicle:** Delete a vehicle record after it has been recovered .
- **XV Cancel Vehicle:** Delete a vehicle record that was mistakenly entered as stolen or missing.

The vehicle *query* transactions are:

- **QV Inquiry:** Retrieve from the APSIN database the record for a uniquely identified stolen or recovered vehicle.
- **QVL Inquiry:** Retrieve a list of vehicles from APSIN that match search criteria provided by the user. If only one vehicle suitably matches the criteria, the response will be a QV response message.

1.1. Vehicle transactions against the APSIN database

The source of the vehicle item update transactions (EV, MV, LV, CV and XV) and inquiry transactions (QVL and QV) is data stored in the APSIN database. None of the update transactions add or modify data in DMV's ALVIN database.

There is one aspect of the EV (enter vehicle) transaction that utilizes ALVIN. When an Alaska vehicle is added using EV, the interface first searches for the vehicle in the APSIN database. If the vehicle is not found in APSIN then the interface will search for the vehicle in the DMV ALVIN database. If the vehicle is found in ALVIN, vehicle data will be copied from ALVIN into APSIN as part of the operation of the EV transaction. From that point forward any access of the same vehicle by the interface's MV, LV, CV, XV, QVL and QV transactions will be against the APSIN record for the vehicle.

1.2. Vehicle transaction against the DMV ALVIN database: QVI

If a particular Alaskan stolen or recovered vehicle has never been added into APSIN, the QVL and QV inquiry transactions will not find the vehicle even though the vehicle's registration is recorded in DMV's ALVIN database.

The DMV Query Vehicle Information transaction QVI – which is documented in a different chapter – is used to look up vehicle registration information in the DMV ALVIN database. ALVIN contains information for Alaska-registered/-titled vehicles only.

1.3. Text responses to stolen and recovered vehicle transactions

All responses from the interface Vehicle transactions contain a message header, details of the original request, and a text message that characterizes the outcome of the transaction, as follows.

1. The message header: 61 bytes if LU6.2 client, 84 bytes if TCP/IP client. The last twenty bytes of the header are the same for both LU6.2 and TCP/IP clients:
 - Three-byte message number (e.g., the first of a three-page QVL vehicle list response would have a value of 001 and the last page would be 003)
 - Two-byte message level (00 for successful transaction, non-zero for varying levels of error)
 - Date of the response (mmddyyyy format)
 - Time of the response (hhmmss format)
2. Two asterisks (**)
3. For the Vehicle **update transactions EV, MV, XV, LV and CV**, the following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:
 - Originating agency case number (OCA)
 - Item number on case (CIN)
 - State identification number (SID) (APSIN Person ID)
 - NCIC number (NIC)

For the Vehicle *query transactions QV and QVL*, the following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:

- Message key (MKE)
 - APSIN / NCIC indicator (APS)
 - Search return total (SRT)
 - Originating agency case number (OCA)
 - Item number on case (CIN)
 - Agency ID (AGI)
 - Vehicle category (CAT)
 - NCIC number (NIC)
 - Serial number (SER)
 - Last four characters of serial number (SLF)
 - Vehicle style (VST)
 - Vehicle make (VMA)
 - Vehicle model (VMO)
 - License plate number (LIC)
 - License plate state (LIS)
 - Owner-applied number (OAN)
 - State Identification Number (SID) (APSIN Person ID)
4. The mnemonic “TXT/”
 5. The system’s response message indicating disposition of the transaction:
 - success of the transaction
 - failure of the transaction
 - error or informational message

Each of the following sections includes examples of successful and unsuccessful requests and responses.

- Sample transaction *requests*: item 1 (transaction header) is represented as “**TransmissionHeader**”.
- Sample transaction *responses*: items 1 through 5 above are represented by “**ResponseHeader**”.

Fig. 1 Table of Vehicle Transaction Elements: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 3	Message key		Y	Y	EV - Enter vehicle MV - Modify vehicle CV - Clear vehicle LV - Locate vehicle XV - Cancel vehicle
2	APS	A 1	APSIN / NCIC indicator	A or blank = process against APSIN only B = process against APSIN and NCIC	Y	Y	If APS is not included, the transaction will be processed as APSIN-only.
3	ORI	A 9	Originating agency identifier			Y	The identifier of the originating agency. Validates against APSIN Company and Security files . ORI is mandatory when APS equals B.
4	SID	N 7	State identification number	Alaska state ID number for person; the APSIN ID.	Y*		The APSIN ID of the vehicle owner. Either SID or ADL is required for the transaction to identify the vehicle owner, unless the Property Status (PST) is I (impounded) or T (towed).
5	ADL	N 7	Alaska drivers license number	ADL is generated by Division of Motor Vehicles. ADL can be used to locate a person record in the APSIN database.	Y*		The ADL of the vehicle owner. Either ADL or SID is required for the transaction to identify the vehicle owner, unless the Property Status (PST) is I (impounded) or T (towed).
6	OCA	A 9	Originating agency case number		Y	Y	Case Number must be included on all vehicle update transactions.

Fig. 1 Table of Vehicle Transaction Elements: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
7	CIN	N 4	Item number on case		Y		Unique item line number within a case number. EV transaction requires Item Number, Case Number (OCA), and Agency ID (AGI). All other vehicle update transactions require Item Number unless they include NCIC number.
8	DOT	N 8	Date of theft	Status date, date of theft or recovery	Y	Y	The Status Date must be present on all vehicle update transactions, except that it can be erased on XV and CV transactions. Format = MMDDYYYY
9	DES	N 8	Property status expiration date				Status Date Expire is allowed only for vehicles (category V) with status A (abandoned), I (impounded), or L (located). Format = MMDDYYYY
10	LIC	A 10	License plate number			Y*	- Vehicle (V) and plane (P): NCIC requires LIC/LIS/LIY/LIT or VIN or OAN. - License plate (L): NCIC requires LIC/LIS/LIY/LIT. - Boat (B): NCIC requires LIC/LIS/LIY or VIN. - Part (M): NCIC allows no license fields for parts.
11	LIS	A 2	License plate state		Y*	Y*	See LIC. US is assumed for planes.
12	LIY	N 4	License plate year of expiration		Y*	Y*	See LIC. NX (never expires) is assumed for planes.
13	LIT	A 2	License plate type		Y*	Y*	See LIC. For planes (P), must be a plane type value from APSIN Table 97 PR-PTYPE.

Fig. 1 Table of Vehicle Transaction Elements: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
14	CAT	A 1	Property category		Y	Y	Valid entries are: B = Boat P = Plane L = License Plate M = Parts V = Vehicle Once a vehicle has been added into APSIN, its category cannot be changed by an interface transaction.
15	VST	A 3	Vehicle style		Y*	Y	Required, except not allowed for license plates (L). - Vehicle (V), Part (M): validate against APSIN table 107 PRV-EDIT. - Boat (B): validate against APSIN table 37 PR-BEDIT. - Plane (P): validate against APSIN table 54 PR-PEDIT.
16	VYR	N 4	Vehicle year		Y	Y	Required for vehicle (V), part (M), boat (B), plane (P). Not allowed with license plates (L).
17	VMA	A 24	Vehicle make		Y	Y	Comprised of 4-character make, and an [optional] expanded 20-character "make text." Validation is against only the first four characters. Required, except not allowed with license plates (category L). - Vehicle (V), part (M): validate against table 101 PR-MKMO combination. - Boat (B): validate against APSIN table 47 PR-BMAKE. - Plane (P): validate against APSIN table 94 PR-PMAKE.

Fig. 1 Table of Vehicle Transaction Elements: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
18	VMO	A 20	Vehicle model		Y*		Required for boat (B), plane (P). Not allowed with license plates (L). - Boat (B): though model is required, it is not validated. - Plane (P): validate against APSIN table 95 PR-PMODL.
19	VCO	A 3	Vehicle color				Two colors allowed (BCO is for boats).
20	BCO	A 3	Boat color				Two colors allowed (VCO is for vehicles other than boats).
21	VIN	A 21	Vehicle identification number			Y*	Not allowed for license plates (category L). - Vehicle (V), plane (P): NCIC requires VIN or LIC/LIS/LIY/LIT or OAN. - Boat (B): NCIC requires VIN or LIC/LIS/LIY.
22	PST	A 1	Property status		Y	Y	A - abandoned S - stolen I - impounded L - located M - lost or missing T - towed (according to Anchorage Police Department DWI ordinance) See text for rules of which status values are appropriate for each category of vehicle. Status can be deleted for only transactions XV and CV.
23	AGI	A 4	Agency ID	Issuing or arresting agency ID	Y		Agency ID code must be included on all vehicle update transactions. It must be a valid agency code in the APSIN Company file.
24	EIA	A 5	Employee ID in APSIN	Typically the APSIN ID of a public safety officer			Must be a valid employee ID on the APSIN Person file or be found in APSIN Table 61 EM-ID.
25	MIS	A 200	Miscellaneous comment or information		Y	Y*	MIS is required by NCIC for parts (category M). NCIC does not allow non-alphanumeric characters.

Fig. 1 Table of Vehicle Transaction Elements: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
26	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system		Y*	EV transaction requires Case Number (OCA), Item Number (CIN) and Agency ID (AGI). All other vehicle update transactions require Item Number unless they include NCIC number. NCIC requires NCIC number or other identifiers.
27	OAN	A 20	Owner applied number			Y*	Vehicle (V), plane (P): NCIC requires OAN or LIC/LIS/LIY/LIT or VIN.
28	PRO	A 2	Propulsion method				For boat (B) only. Validated against APSIN table 44 PR-POWER.
29	EPD	A 5	Engine power or displacement				For vehicle (V), boat (B), part (M): validate against APSIN table 45 PR-DISPL. EPD is not allowed on a plane (P) transaction.
30	PGT	A 2	Plane gear type				For plane (P) only. Validated against APSIN table 96 PR-PGEAR.
31	BLE	N 2	Boat length				For boat (B) only.
32	FGN	A 5	Alaska Dept of Fish & Game number for boats				For boat (B) only.
33	HUL	A 2	Hull material				For boat (B) only.. Validated against APSIN table 53 PR-HULL.
34	HSP	A 2	Hull shape				For boat (B) only. Validated against APSIN table 92 PR-BSHAP.
35	BNM	A 30	Boat (vessel) name				For boat (B) only.
36	SLT	A 30	Storage location text				Not permitted with status S (stolen).
37	SLC	A 20	Storage location city				Must be a valid Alaska city validated in APSIN table 17 AD-CITY. Not permitted with status S (stolen).
38	SCA	A 9	Special case number	Special case no, for msg to NCIC			For Locate and Clear messages to be sent to NCIC. It is used for the case number for the agency that located the vehicle item.

Fig. 1 Table of Vehicle Transaction Elements: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
39	SRI	A 9	Special ORI	Special ORI, for msg to NCIC			For Clear messages to be sent to NCIC. It is used for the ORI of the agency that located the vehicle item.
40	VOD	A 1	Vehicle ownership data (NATB code)	NATB = National Auto Theft Bureau			For messages to NCIC - must be A, C, D, N, S, or blank. APSIN restricts its use to category V (vehicle) only.

2. ENTER VEHICLE INTO APSIN (EV)

Vehicle categories include vehicles (V), boats (B), planes (P), license plates (L), and parts (M). Category V includes cars, trucks, trailers (including boat trailers), snow machines, and all-terrain vehicles. As described in section 1.1, APSIN may access the DMV ALVIN database when adding to APSIN a vehicle item registered or titled in Alaska.

When a case is opened on a missing or stolen vehicle item, the vehicle must be added to APSIN using an Enter Vehicle (EV) transaction. Alaskan-registered vehicles already exist in the DMV ALVIN database and necessary information from ALVIN will be copied into APSIN during the EV transaction, which assigns case and item numbers, agency ID, and a status to Alaskan-registered vehicles. Out-of-state, unregistered, and untitled vehicles can be added directly to APSIN. When an item is added to NCIC using the EV transaction, the item's NCIC number is returned to (and stored within) APSIN, and is forwarded by APSIN to the requesting agency.

See **Fig. 1 Table of Vehicle Transaction Elements: EV, MV, LV, CV, XV** (above) for descriptions of validation requirements for all of the individual message fields for the vehicle update transactions.

Vehicle Identification: To add a vehicle item you must uniquely identify the vehicle. Alaska registered or titled vehicles that are already in the DMV database are found by matching the following fields:

- License plate state (LIS) – set to AK to specify an Alaska vehicle.
- License number (LIC) – the license plate number on the vehicle. If only one vehicle in the database matches the LIC, this will be enough to uniquely identify the vehicle.
- Vehicle identification number (VIN) – if VIN is included on the transaction, then it must match the vehicle found with LIC. If more than one vehicle has the same LIC value, then the VIN is used to select the correct vehicle.

Owner Identification: To add a vehicle item you must uniquely identify the property owner (except for vehicle items being added with impound (I) and locate (L) statuses). The owner must be specified by either:

- Owner's APSIN ID (SID)
- Owner's Alaska driver license (ADL)

Out-of-state, unregistered, and untitled vehicles can be added directly to APSIN as long as the required input fields listed below are on the transaction.

The following input fields are required (and must be valid) to add a vehicle to APSIN as stolen, located, or other status (if the vehicle item also to be sent to NCIC, additional criteria are specified in **Section 4**):

- Agency ID (AGI)
- Category (CAT):

Category	Description
----------	-------------

V	Vehicle
B	Boat
L	License Plate
M	Parts
P	Plane

- Case number (OCA)
- Item number (CIN)
- Either of (except not required for impound (I) and locate (L) statuses):
 - Owner's APSIN ID (SID)
 - Owner's Alaska driver license (ADL)
- Property status (PST) - valid Status values for each Category:

Category	Status
V	A (abandoned), S (stolen), I (impounded), L (located), M (lost or missing), and T (towed according to Anchorage Police Department DWI ordinance) are allowed for vehicles. Expiration date is allowed only with vehicles, and only when status is A, I, or L.
B	S, I, L, and M are allowed for boats
L	S, I, L, M, and T are allowed for license plates.
M	S, I, L, M, and T are allowed for parts.
P	S, I, L, and M are allowed for planes.

- Status date of theft (DOT) - date stolen, located, etc.

Additional mandatory fields to add vehicle or parts (Categories V or M) are:

- Category-sub / Vehicle style (VST)
- Make (VMA)
- Vehicle model year (VYR)
- Miscellaneous comment (MIS)

Additional mandatory fields to add a boat (Category B) are:

- Category-sub / Vehicle style (VST)
- Make (VMA)
- Model (VMO)
- Vehicle model year (VYR)
- Miscellaneous comment (MIS)

Additional mandatory fields to add a license plate (Category L) are:

- License plate type (LIT) - include this field instead of property subcategory (VST).
- License plate number (LIC)
- License plate state (LIS)
- License plate year expire (LIY)

Additional mandatory fields to add a plane (Category P) are:

- Category-sub / Vehicle style (VST)
- Make (VMA) – the only valid value is AERO
- Model (VMO)
- Vehicle model year (VYR)
- Miscellaneous comment (MIS)

2.1. EV Enter Vehicle sample requests and responses

Successful request and response for adding a vehicle:

- **TransmissionHeader**EV.APS/A.ORI/AKAST0102.SID/6000656.OCA/TST07X001.CIN/2.DOT/01042007.LIC/9998PV.LIS/AK.LIT/MV.LIY/1999.CAT/V.VST/UT.PST/S.AGI/INFO.MIS/TEST RECORD.VYR/1992
- **ResponseHeader**TXT/9000 EV MESSAGE SUCCESSFULLY UPDATED IN APSIN

Unsuccessful request and response for adding an Alaska vehicle that is not found in the DMV database:

- **TransmissionHeader**EV.APS/A.ORI/AKAST0102.SID/6000656.OCA/TST07X001.CIN/1.DOT/01042007.LIC/0999PV.LIS/AK.LIT/MV.LIY/1996.CAT/V.VST/PK.PST/S.AGI/INFO.MIS/TEST RECORD.VYR/1992
- **ResponseHeader**TXT/6024 ERROR-VEHICLE WITH AK LICENSE 0999PV NOT FOUND IN DMV DATABASE

Unsuccessful request and response for adding a vehicle without specifying the owner:

- **TransmissionHeader**EV.APS/A.ORI/AKAST0102.OCA/TST07X002.CIN/3.DOT/01082007.LIT/MV.CAT/V.VST/UT.PST/S.AGI/INFO.MIS/VEHICLE APPEARSTO HAVE BEEN TOWED FROM OWNER'S CARPORT.VYR/1994.VMA/FORD.VMO/EXP.
- **ResponseHeader**TXT/6126 ERROR-OWNER ID REQUIRED
- **ResponseHeader**TXT/0123 ERROR-PLEASE SEND AN OWNER ID NUMBER, OR SEND A PERSON ADD/UPDATE MESSAGE TO ADD MISC ID NUMBER TO APSIN; PROPERTY ITEM OWNER IS UNKNOWN

3. **VEHICLE MODIFY (MV), LOCATE (LV), CLEAR (CV), AND CANCEL (XV) TRANSACTIONS**

See *Fig. 1 Table of Vehicle Transaction Elements: EV, MV, LV, CV, XV* (above) for descriptions of validation requirements for all of the individual message fields for the vehicle update transactions.

Modification transactions are used to change the description or status of an item. The status of items is updated when, for example, a stolen or missing vehicle is located.

Vehicle items are cleared when they have been recovered or their status has expired and they are no longer in abandoned, stolen, impounded, lost/missing, or towed status. Items are cancelled if they were mistakenly entered as stolen. Clearing and canceling both result in deleting the item from the APSIN property file.

In the normal course of business a vehicle item is added to APSIN using the EV transaction, and eventually, many vehicle items are located (LV transaction) or cleared (CV transaction). It is not unusual for one law enforcement agency to submit the EV transaction, and eventually attempt an LV or CV transaction only to receive a response from the interface that the vehicle item is not found in APSIN. This is typically because the vehicle item has been located or cleared by someone else. For example, a boat item might be added to APSIN by a police department dispatcher, and later located by the Alaska State Troopers and cleared by their dispatcher.

The minimum fields required to identify an existing vehicle item using the APSIN interface are:

- Agency ID (AGI)
- Category (CAT)
- Case number (OCA)
- Either of:
 - Case item number (CIN)
 - NCIC number (NIC)

If the message is also to be sent to NCIC, additional criteria are specified in *Section 4*.

If the input NCIC number does not match the APSIN NCIC number for the vehicle item on APSIN with the input case number and item number, an error is not returned, allowing agencies to update NCIC numbers when necessary.

To add or change the NCIC number for a vehicle item in APSIN, the APSIN/NCIC indicator (APS) must be blank or A (to be processed only by APSIN, and not by NCIC) and the vehicle item must be identified by both case number (OCA) and item number (CIN).

Fields that cannot be modified:

- Agency ID (AGI)
- Category (CAT)
- Case number (OCA)
- Case item number (CIN)

Most other fields can be modified with the following conditional exceptions:

- NCIC number (NIC) – You can update a vehicle item with the correct NCIC number on an APSIN-only transaction, but NCIC number cannot be changed by any transaction that is to be sent to NCIC (otherwise the NCIC transaction would not match correctly).
- License state (LIS) – when the property is an Alaska vehicle item.
- For Alaska-registered or titled vehicles, the following fields must match the DMV ALVIN database, so they cannot be changed. But these fields all **can** be changed for non-Alaska vehicle items:
 - License plate number (LIC)
 - License state (LIS)
 - License plate type (LIT)
 - License plate year of expiration (LIY)
 - Vehicle identification number (VIN)
 - Vehicle make (VMA)
 - Vehicle model (VMO)
 - Vehicle style (VST)
 - Vehicle year (VYR)
- The owner of an item of property can be changed by inputting the owner ID/License or agency identifier number.

Error responses are sent when the item cannot be updated as follows:

- Non-existent property case and item number.
- The input category does not match the category on APSIN for the case number and item number.
- Missing or invalid mandatory fields.
- Alaskan vehicle descriptive and license fields which can not be modified.
- Existing property status agency ID is not an ID used by the sending agency.

Error responses are sent when the item is updated and the transaction contains invalid non-mandatory codes or data.

3.1. MV, LV, CV and XV Vehicle update sample requests and responses

Successful MV request and response for modifying a vehicle:

- *TransmissionHeader*MV.APS/A.OCA/TST07X001.CIN/2.CAT/V.AGI/INFO.DOT/01052007.MIS/VEHICLE WAS STRIPPED TWO DAYS BEFORE THE BODY ALSO DISAPPEARED
- *ResponseHeader*TXT/9000 MV MESSAGE SUCCESSFULLY UPDATED IN APSIN

Unsuccessful MV request and response for modifying a vehicle without specifying adequate matching criteria (no Agency ID):

- *TransmissionHeader*MV.APS/A.OCA/TST07X001.CIN/2.CAT/V.DOT/01052007.MIS/VEHICLE WAS STRIPPED TWO DAYS BEFORE THE BODY ALSO DISAPPEARED

- *ResponseHeader* TXT/6004 ERROR-CASE NUMBER, ITEM NUMBER, AND AGENCY ID, OR CASE NUMBER, AGENCY ID, AND NCIC NUMBER REQUIRED

Successful LV request and response for locating a vehicle:

- *TransmissionHeader* LV.APS/A.OCA/TST07X001.CIN/2.CAT/V.AGI/INFO.DOT/01052007.PST/L.DES/01312007.MIS/VEHICLE BODY WAS FOUND IN SUSPECT'S CARPORT
- *ResponseHeader* TXT/9000 LV MESSAGE SUCCESSFULLY UPDATED IN APSIN

Unsuccessful LV request and response for locating a vehicle with mismatched Vehicle Category:

- *TransmissionHeader* LV.APS/A.OCA/TST07X001.CIN/2.CAT/B.AGI/INFO.DOT/01052007.PST/L.DES/01312007.MIS/VEHICLE BODY WAS FOUND IN SUSPECT'S CARPORT
- *ResponseHeader* TXT/6016 ERROR-EXISTING PROPERTY CATEGORY V CAN NOT BE CHANGED TO B

Successful CV request and response for clearing a vehicle:

- *TransmissionHeader* CV.APS/A.OCA/TST07X001.CIN/2.CAT/V.AGI/INFO
- *ResponseHeader* TXT/VEHICLE DELETED FROM APSIN
- *ResponseHeader* TXT/9000 CV MESSAGE SUCCESSFULLY UPDATED IN APSIN

Unsuccessful CV request and response for clearing a vehicle with incorrect Item Number (the vehicle had already been cleared):

- *TransmissionHeader* CV.APS/A.OCA/TST07X001.CIN/2.CAT/V.AGI/INFO
- *ResponseHeader* TXT/6019 ERROR-VEHICLE NOT FOUND IN APSIN FOR CASE NUMBER TST07X001 ITEM NUMBER 2 AGENCY ID INFO

4. VEHICLE UPDATE PROCESSING BY NCIC

When the APSIN/NCIC indicator (APS) is B on a vehicle update transaction, numerous fields will be passed for processing by NCIC. See the following two figures (included after the end of this section) for descriptions of fields that are passed to NCIC:

- ***Fig. 2 Table of NCIC Messages resulting from APSIN Vehicle (incl. Aircraft), Vehicle/Boat Part, and License Plate transactions: EV, MV, LV, CV, XV***
– and –
- ***Fig. 3 Table of NCIC Messages resulting from APSIN Boat transactions: EV, MV, LV, CV, XV***

The table on the following page shows which NCIC vehicle-related transactions are generated by each type of APSIN Interface vehicle entry or modification transaction.

APSIN Interface Message Key	APSIN Vehicle Category	Resulting NCIC Message
EV - Enter Vehicle	V (vehicle) or P (plane)	EV - Enter Vehicle
	B (boat)	EB - Enter Boat
	L (license plate)	EL - Enter License Plate
	M (part)	EP - Enter Vehicle/Boat Part
MV - Modify Vehicle	V, P	MV - Modify Vehicle
	B	MB - Modify Boat
	L	ML – Modify License Plate
	M	MP – Modify Vehicle/Boat Part
XV - Cancel Vehicle	V, P	XV – Cancel Vehicle
	B	XB – Cancel Boat
	L	XL – Cancel License Plate
	M	XP – Cancel Vehicle/Boat Part
LV – Locate Vehicle	V, P	LV – Locate Vehicle
	B	LB – Locate Boat
	L	LL – Locate License Plate
	M	LP – Locate Vehicle/Boat Part
CV – Clear Vehicle	V, P	CV – Clear Vehicle
	B	CB – Clear Boat
	L	CL – Clear License Plate
	M	CP – Clear Vehicle/Boat Part

4.1. NCIC requirements for all Vehicle update transactions

All NCIC vehicle-related updates require the following fields:

- NCIC message key (MKE) – automatically generated by the APSIN interface (see table above)
- Originating agency identifier (ORI) – not required by APSIN, but always required by NCIC
- Originating agency case number (OCA) – is required by APSIN and will be passed through to NCIC

After an initial Enter Vehicle (EV) transaction with APS = B (to be processed by both APSIN and NCIC) has been successfully processed, the APSIN record will contain the vehicle item's unique NCIC number. When a successive update transaction (MV, XV, LV, or CV) modifies

the record and APS = B is specified, the three required items listed above will be available automatically from APSIN in addition to the NCIC number itself.

APSIN requires NCIC number (NIC) to be included on all NCIC Cancel (X), Locate (L) and Clear (C) transactions.

4.2. Add Vehicle to NCIC

NCIC number must *not* be provided for E (Enter) transactions; the end result of a successful EV transaction will be for APSIN to have been updated by NCIC with the generated NCIC number.

In addition to the fields required by APSIN (*see Section 2*), and the required fields MKE, ORI and OCA (described in 4.1), adding a vehicle to NCIC requires fields that are described for each category:

1. Vehicle (category V) requires at least one of the following identifiers:
 - License plate number (LIC) including the related fields:
 - License plate state (LIS)
 - License plate year of expiration (LIY)
 - License plate type (LIT)
 - Vehicle identification number (VIN)
 - Owner-applied number (OAN)
2. Plane (category P):
 - License plate number (LIC)
 - License plate type (LIT) must be a valid plane type value from APSIN Table 97 PR-PTYPE
 - APSIN will automatically supply the following associated values:
 - License plate state (LIS) – APSIN sets the value to US
 - License plate year of expiration (LIY) – APSIN sets the value to NX (never expired)
3. License plate (category L):
 - License plate number (LIC)
 - License plate state (LIS)
 - License plate year of expiration (LIY)
 - License plate type (LIT)
4. Boat (category B):
 - Registration number (REG – copied from LIC on the message coming into APSIN) including the related fields:
 - Registration state (RES) – copied from LIS on the incoming message
 - Registration year of expiration (REY) – copied from LIY on the incoming message
 - Boat hull number (BHN) – copied from VIN on the incoming message

5. Vehicle/Boat part (category M):

- Brand name (BRA – copied from VMA on the message coming into APSIN)
- Category (CAT – copied from VST on the incoming message)
- At least one of the following identifiers:
 - Serial number (SER) – copied from VIN on the incoming message
 - Owner applied number (OAN)

4.3. Modify or delete vehicle data in NCIC

If NCIC number is not contained in the incoming message, APSIN will put it into the message sent to NCIC after APSIN matches the incoming item to an existing APSIN item for which NCIC number is recorded.

As described in 4.1, the required fields MKE, ORI and OCA are added to the NCIC message by APSIN.

In addition to MKE, ORI and OCA, modifying a vehicle item on NCIC requires fields that are described for each category:

1. Vehicle (category V) or Plane (category P):

- NCIC number (NIC)
- License plate number (LIC)
- Vehicle identification number (VIN)

2. License plate (category L):

- NCIC number (NIC)
- License plate number (LIC)

3. Boat (category B):

- NCIC number (NIC)
- Registration number (REG – copied from LIC on the incoming message or the existing APSIN vehicle item record)
- Boat hull serial number (BHN – copied from VIN on the incoming message or the existing APSIN vehicle item record)

4. Vehicle/Boat part (category M):

- NCIC number (NIC)
- Serial number (SER – copied from VIN on the incoming message or the existing APSIN vehicle item record)

For Modify transactions, most non-mandatory fields may be updated. For Clear (CV), Locate (LV) and Cancel (XV) transactions, the APSIN status date field (Date of theft (DOT)) is automatically moved to the appropriate outgoing NCIC field (DCL, DOR, DOC).

Fig. 2 Table of NCIC Messages resulting from APSIN Vehicle (incl. Aircraft), Vehicle/Boat Part, and License Plate transactions: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 4	Message key			Y	<p>The NCIC Message Key is built dynamically by the APSIN interface programs.</p> <p>NCIC vehicle transaction messages generated by the APSIN interface include the following, where "*" = E(nter), M(odify), X (cancel), L(ocate), C(lear) :</p> <ul style="list-style-type: none"> - *V Vehicle (all motor-driven conveyances except boats, and including trailers and aircraft) - *P Vehicle Part - *L License Plate
2	ORI	A 9	Originating agency identifier			Y	Originating agency identifier is required on all vehicle transactions.
3	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system		Y*	<p>NCIC number is not included in entry transactions (EV, EP, EL) - the Enter transaction itself establishes the NCIC number.</p> <p>All vehicle modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using one of NIC, LIC or VIN. (For a vehicle part, NIC or SER; for a license plate, NIC or LIC).</p>
7	LIC	A 8	License plate number			Y*	<p>License plate number is part of the set that includes LIC, LIS, LIY and LIT, all of which are required for an Enter License Plate (EL) transaction.</p> <p>All vehicle-modify transactions (MV, XV, LV and CV) must be uniquely identifiable on the NCIC system, using one of NIC, LIC or VIN. (For a vehicle part, NIC or SER; for a license plate, NIC or LIC).</p>

Fig. 2 Table of NCIC Messages resulting from APSIN Vehicle (incl. Aircraft), Vehicle/Boat Part, and License Plate transactions: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
8	LIS	A 2	License plate state			Y*	License plate state is part of the set that includes LIC, LIS, LIY and LIT, all of which are required for an Enter License Plate (EL) transaction.
9	LIY	N 4	License plate year of expiration			Y*	License plate year of expiration is part of the set that includes LIC, LIS, LIY and LIT, all of which are required for an Enter License Plate (EL) transaction.
10	LIT	A 2	License plate type			Y*	License plate type is part of the set that includes LIC, LIS, LIY and LIT, all of which are required for an Enter License (EL) transaction.
11	VIN	A 20	Vehicle identification number			Y*	All vehicle-modify transactions (MV, XV, LV and CV) must be uniquely identifiable on the NCIC system, using one of NIC, LIC or VIN.
11	SER	A 20	Serial number for articles, guns, securities, vehicle parts			Y*	All vehicle-part modify transactions (MP, XP, LP and CP) must be uniquely identifiable on the NCIC system using NIC or SER. Enter Part (EP) must include either SER or OAN. SER is copied from VIN on the incoming APSIN message.
12	VYR	N 4	Vehicle year			Y*	Vehicle year is required on Enter Vehicle (EV).
13	VMA	A 24	Vehicle make			Y*	Vehicle make is required on Enter Vehicle (EV).
13	BRA	A 24	Article brand name			Y*	Brand name is required for Enter Part (EP). If the transaction is for a vehicle part, BRA is copied from VMA on the incoming APSIN message.
14	VMO	A 3	Vehicle model				
15	VST	A 2	Vehicle style			Y*	Vehicle style is required on Enter Vehicle (EV).

Fig. 2 Table of NCIC Messages resulting from APSIN Vehicle (incl. Aircraft), Vehicle/Boat Part, and License Plate transactions: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
15	CAT	A 2	Property category			Y*	Category is required for Enter Part (EP). For a vehicle part, CAT is copied from VST on the incoming APSIN message.
16	VCO	A 7	Vehicle color				
18	DOT	N 8	Date of theft	Status date, date of theft or recovery		Y*	Date of theft is required on all entry (EV, EP, EL) transactions.
19	OCA	A 9	Originating agency case number			Y	Originating agency case number is required for all vehicle transactions.
22	MIS	A 200	Miscellaneous comment or information			Y*	Miscellaneous comment is required for Enter Part (EP).
24	OAN	A 20	Owner applied number			Y*	If an Enter Vehicle (EV) message contains a VIN, the OAN must not be the same value. If an Enter Part (EP) message contains a SER, the OAN must not be the same value. Enter Part (EP) must include either SER or OAN.
25	VOD	A 1	Vehicle ownership data (NATB code)	NATB = National Auto Theft Bureau			
26	EPD	A 5	Engine power or displacement				EPD is valid only on vehicle part transactions EP and MP.
27	DOC	N 8	Date of cancellation			Y*	Date of Cancellation is required on Cancel transactions (XV, XP, XL).
28	DOR	N 8	Date of apprehension, location, or recovery			Y*	Date of Recovery is required on Locate transactions (LV, LP, LL).
28	DCL	N 8	Date of Clear			Y*	Date of Clear is required on Clear transactions (CV, CP, CL).

Fig. 2 Table of NCIC Messages resulting from APSIN Vehicle (incl. Aircraft), Vehicle/Boat Part, and License Plate transactions: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
29	RRI	A 9	Recovering agency identifier				RRI is copied from SRI on the incoming APSIN message, but if SRI is blank, NCIC RRI value will be copied from ORI.
30	RCA	A 9	Recovering agency case number				RCA is copied from SCA on the incoming APSIN message, but if SCA is blank, NCIC RCA value will be copied from OCA.

Fig. 3 Table of NCIC Messages resulting from APSIN Boat transactions: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 4	Message key			Y	The NCIC Message Key is built dynamically by the APSIN interface programs. NCIC boat transaction messages generated by the APSIN interface include EB, MB, XB, LB and CB.
2	ORI	A 9	Originating agency identifier			Y	Originating agency identifier is required on all boat transactions.
3	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system		Y*	NCIC number is not included in entry transactions (EB, EP) - the Enter transaction itself establishes the NCIC number. All boat modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using one of NIC, BHN or REG. (For a boat part, NIC only -- NCIC specifies NIC-or-SER but APSIN did not implement the SER option to match the boat part).

Fig. 3 Table of NCIC Messages resulting from APSIN Boat transactions: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
8	REG	A 8	Vehicle registration number			Y*	<p>Registration number is part of the set that includes REG, RES and REY.</p> <p>Enter Boat (EB) requires either of two sets of elements:</p> <ul style="list-style-type: none"> - the REG/RES/REY set - OAN, BYR and BMA <p>All boat modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using one of NIC, BHN or REG. (For a boat part, NIC only -- NCIC specifies NIC-or-SER but APSIN did not implement the SER option to match the boat part).</p> <p>REG is copied from LIC on the incoming APSIN message.</p>
9	RES	A 2	Vehicle registration state			Y*	<p>Registration state is part of the set that includes REG, RES and REY.</p> <p>Enter Boat (EB) requires either of two sets of elements:</p> <ul style="list-style-type: none"> - the REG/RES/REY set - OAN, BYR and BMA <p>RES is copied from LIS on the incoming APSIN message.</p>

Fig. 3 Table of NCIC Messages resulting from APSIN Boat transactions: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
10	REY	N 4	Vehicle registration year			Y*	Registration year of expiration is part of the set that includes REG, RES and REY. Enter Boat (EB) requires either of two sets of elements: - the REG/RES/REY set - OAN, BYR and BMA REY is copied from LIY on the incoming APSIN message.
11	HUL	A 8	Hull material				
12	BHN	A 20	Boat hull number			Y*	All boat modify transactions (M, X, L and C) must be uniquely identifiable on the NCIC system, using one of NIC, BHN or REG. (For a boat part, NIC only -- NCIC specifies NIC-or-SER but APSIN did not implement the SER option to match the boat part). BHN is copied from VIN on the incoming APSIN message.
13	PRO	A 8	Propulsion method				
14	BYR	A 8	Boat year			Y*	Enter Boat (EB) requires either of two sets of elements: - the REG/RES/REY set - OAN, BYR and BMA BYR is copied from VYR on the incoming APSIN message.

Fig. 3 Table of NCIC Messages resulting from APSIN Boat transactions: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
15	BMA	A 8	Boat make			Y*	Enter Boat (EB) requires either of two sets of elements: - the REG/RES/REY set - OAN, BYR and BMA BMA is copied from VMA on the incoming APSIN message.
16	BTY	A 8	Boat type				BTY is copied from VST on the incoming APSIN message.
17	BLE	A 8	Boat length				
18	BCO	A 8	Boat color				BCO is copied from VCO on the incoming APSIN message.
19	DOT	A 8	Date of theft	Status date, date of theft or recovery		Y*	Date of theft is required on all entry (EB, EP) transactions.
20	OCA	A 9	Originating agency case number			Y	Originating agency case number is required for all boat transactions.
23	MIS	A 8	Miscellaneous comment or information			Y*	Miscellaneous comment is required for Enter Part (EP).
25	OAN	A 8	Owner applied number			Y*	Enter Boat (EB) requires either of two sets of elements: - the REG/RES/REY set - OAN, BYR and BMA An Enter Part (EP) must include OAN (NCIC specifies OAN-or-SER but APSIN did not implement SER for boat parts).
27	HSP	A 8	Hull shape				
28	BMO	A 8	Boat model name				BMO is copied from VMO on the incoming APSIN message.
29	BNM	A 8	Boat (vessel) name				
30	EPD	A 8	Engine power or displacement				EPD is valid only on boat part transactions EP and MP.

Fig. 3 Table of NCIC Messages resulting from APSIN Boat transactions: EV, MV, LV, CV, XV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
31	DOC	A 8	Date of cancellation			Y*	Date of Cancellation is required on Cancel transactions (XB, XP).
32	DCL	A 8	Date of Clear			Y*	Date of Clear is required on Clear transactions (CB, CP).
32	DOR	A 8	Date of apprehension, location, or recovery			Y*	Date of Recovery is required on Locate transactions (LB, LP).
33	RRI	A 8	Recovering agency identifier				RRI is copied from SRI on the incoming APSIN message, but if SRI is blank, NCIC RRI value will be copied from ORI.

Fig. 4 Table of Vehicle Transaction Elements: QVL, QV Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
2	MKE	A 3	Message key		Y	Y	<p>QV - Query Vehicle QVL - Query Vehicle List</p> <p>If a message is sent to NCIC (when APS = B), the generated NCIC Message Key will be either QV (Query Vehicle which includes Vehicles (incl. Planes), License Plates and Vehicle/Boat Parts) or QB (Query Boat).</p> <p>SEARCH CRITERIA At least one of the following identifiers must be supplied, or the transaction will be rejected:</p> <ul style="list-style-type: none"> - OCA, CIN, AGI (set) - Vehicle identification number (VIN) - Last four characters of VIN (SLF) - NCIC number (NIC) - License plate number (LIC) - Vehicle style (VST), Vehicle make (VMA) (set)
3	APS	A 1	APSIN / NCIC indicator	A or blank = process against APSIN only B = process against APSIN and NCIC			If APS is not included, the transaction will be processed as APSIN-only.
4	ORI	A 9	Originating agency identifier			Y	<p>The identifier of the originating agency. Validated against APSIN Company and Security files.</p> <p>ORI is mandatory when APS is B.</p>
5	CAT	A 1	Property category		Y		<p>Valid entries are:</p> <ul style="list-style-type: none"> B = Boat P = Plane L = License Plate M = Parts V = Vehicle

Fig. 4 Table of Vehicle Transaction Elements: QVL, QV Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
6	FMT	A 1	Formatted response indicator	'N' for Data Transmission Format or 'Y' for Presentation Response Format.			Format response indicator can be either N or Y, however, only Y (Presentation Response Format) is presently available.
7	SRT	N 4	Search return total	Used to request max number to be returned for list type query response			On a QVL transaction, use SRT to specify the maximum number of vehicle records you wish to be listed from the interface. Note: The QVL transaction does not have the companion Search result sequence number (SRS) feature that is available in some other list transactions like QPB and QCP.
8	AGI	A 4	Agency ID	Issuing or arresting agency ID	Y*		Agency ID (AGI), Originating agency case number (OCA), and Item number on case (CIN) are a set used to identify a particular stolen or recovered vehicle. See SEARCH CRITERIA in the MKE entry. Must be a valid agency code on APSIN Company file.
9	OCA	A 9	Originating agency case number		Y*		Agency ID (AGI), Originating agency case number (OCA), and Item number on case (CIN) are a set used to identify a particular stolen or recovered vehicle. See SEARCH CRITERIA in the MKE entry.
10	CIN	N 4	Item number on case		Y*		Agency ID (AGI), Originating agency case number (OCA), and Item number on case (CIN) are a set used to identify a particular stolen or recovered vehicle. See SEARCH CRITERIA in the MKE entry.

Fig. 4 Table of Vehicle Transaction Elements: QVL, QV Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
11	VIN	A 21	Vehicle identification number		Y*	Y*	For boats, send the Boat hull number in the VIN field. See SEARCH CRITERIA in the MKE entry.
12	SLF	A 4	Last four characters of serial number		Y*		Ignored if VIN is present. For boats, send the last four characters of the Boat hull number in the SLF field. See SEARCH CRITERIA in the MKE entry.
13	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system	Y*	Y*	NCIC number is edited for valid format so that spurious messages to NCIC are prevented. See SEARCH CRITERIA in the MKE entry.
14	LIC	A 10	License plate number		Y*	Y*	License plate number is not allowed for a vehicle/boat part (catg M). License plate number is required if License plate state (LIS) is present. For boats, send the boat's Registration number in the LIC field. See SEARCH CRITERIA in the MKE entry.
15	LIS	A 2	License plate state				License plate number is not allowed for a vehicle/boat part (catg M). If License plate state is given, it is validated against APSIN table 12 AD-STATE. If License plate state is not given, but License plate number (LIC) is present, a default value is assigned to LIS: - Vehicle (catg V): AK - Plane (catg P): US

Fig. 4 Table of Vehicle Transaction Elements: QVL, QV Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
16	VST	A 3	Vehicle style		Y*		<p>If Vehicle style is present, it is validated against APSIN tables depending on the Vehicle category (CAT):</p> <ul style="list-style-type: none"> - Vehicle (V), Part (M): table 107 PRV-EDIT - Plane (P): table 54 PR-PEDIT - Boat (B): table 37 PR-BEDIT <p>Vehicle style (VST) and Vehicle make (VMA) are a set used to identify a particular stolen or recovered vehicle.</p> <p>See SEARCH CRITERIA in the MKE entry.</p>
17	VMA	A 4	Vehicle make		Y*		<p>Vehicle make is not allowed for License plates (catg L).</p> <p>For Vehicle (catg V) and Part (catg M). if Vehicle model (VMO) is present, so must VMA.</p> <p>The value of VMA is validated against APSIN tables depending on the category:</p> <ul style="list-style-type: none"> - Vehicle (V), Part (M): table 101 PR-MKMO - Plane (P): table 94 PR-PMAKE - Boat (B): table 47 PR-BMAKE <p>Vehicle style (VST) and Vehicle make (VMA) are a set used to identify a particular stolen or recovered vehicle.</p> <p>See SEARCH CRITERIA in the MKE entry.</p>

Fig. 4 Table of Vehicle Transaction Elements: QVL, QV Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
18	VMO	A 20	Vehicle model				Vehicle model is not allowed for License plates (catg L). For Vehicles (catg V), VMO is part of the validation against APSIN table 101 PR-MKMO (see item VMA).
19	VYR	N 4	Vehicle year				Must be of format MMDDYYYY.
20	OAN	A 20	Owner applied number			Y*	See SEARCH CRITERIA in the MKE entry.

5. ***STOLEN AND RECOVERED VEHICLE QUERY TRANSACTIONS***

There are two types of vehicle inquiry transactions: Query Vehicle List (QVL) and Query Vehicle (QV).

QVL is used to obtain a list of stolen-vehicle items in APSIN that match your search criteria. If one vehicle uniquely matches the search criteria, a Vehicle Item response will be returned. QVL will not forward a query to NCIC even if you specify APS = B.

QV is used to retrieve from the APSIN database (and from NCIC if you specify APS = B) the details of a uniquely identified stolen or recovered vehicle. If search criteria are not unique, a Vehicle List response will be returned (and, due to lack of unique vehicle identification, no NCIC message will be sent).

See **Fig. 4 Table of Vehicle Transaction Elements: QVL, QV Inbound** (above) for descriptions of validation requirements for all of the individual message fields for the stolen-vehicle query transactions. Sections that follow (below) show example QVL and QV responses.

See **1.3. Text responses to stolen and recovered vehicle transactions** for the description of the text portion of each response message.

The source of the inquiry transactions QVL and QV is data stored in the APSIN database. If a particular Alaskan stolen or recovered vehicle has never been added into APSIN, the QVL and QV transactions will not find the vehicle even though the vehicle's registration is recorded in DMV's ALVIN database.

The DMV Query Vehicle Information transaction QVI – which is documented in a different chapter – is used to look up vehicle registration information in the DMV ALVIN database. ALVIN contains information for Alaska-registered/-titled vehicles only.

5.1. **Input requirements for QVL and QV**

The following input fields are required when submitting QVL and QV transactions:

- Message key (MKE)
- Category (CAT)

At least one of the following identifiers (or sets of identifiers) must be supplied, or the transaction will be rejected:

- OCA / CIN / AGI set:
 - Originating agency case number (OCA)
 - Item number on case (CIN)
 - Agency ID (AGI)
- Vehicle identification number (VIN)
 - For boats, pass the Boat hull number (BHN) as VIN
- Last four characters of VIN (SLF)

- For boats, pass the last four characters of the Boat hull number (BHN) as SLF
- NCIC number (NIC)
- License plate number (LIC)
 - Either LIC or NIC is required for License plates
 - For boats, pass the Registration number (REG) as LIC
- VST / VMA set:
 - Vehicle style (VST)
 - Vehicle make (VMA)

5.2. QVL and QV search logic

The system will use, in succession, the search criteria you supply to try to match stolen-vehicle data in APSIN. The first successful try will result in a response message. The response will be either a vehicle list or a specific vehicle item report, depending on whether you submitted the QVL or QV message, and whether the system found a single or multiple vehicle items that matched the search criteria. After the first successful match, the system disregards any search criteria that it has not yet tried.

The QVL/QV search sequence is:

1. NCIC number (NIC)
2. The OCA / CIN / AGI set
3. Vehicle identification number (VIN) – for boats, VIN is given the Boat hull number
4. Last four characters of VIN (SLF) – not a required item, but if you supply it, it will be used
5. License plate number (LIC) – for boats, send the boat's Registration number in the LIC field.
6. Vehicle Style (VST) / Vehicle make (VMA) set

5.3. QVL Query Vehicle List response

The normal successful result to a QVL message is a list of stolen-vehicle items that match the search criteria. A QV message received with non-unique search criteria will also usually result in the same type of response.

The vehicle list response will by default include all records from APSIN that match the search criteria. You may limit the number of records returned by specifying a limiting value in the Search return total (SRT) field. For example, to limit the number of records to fifty, the message would include SRT/50.

Error responses are sent when:

- Vehicle category (CAT) is not included
- Inadequate search criteria are supplied (see 5.1)
- No vehicles match the criteria given

Unsuccessful QVL request due to missing Vehicle category (CAT):

- *TransmissionHeader*qv.aps/a.ori/akast0102.lic/bdn532.lis/ak
- *ResponseHeader*TXT/6138 ERROR - INVALID PROPERTY CATEGORY OF: BLANK. A CATEGORY MUST BE PROVIDED FOR A QVL TRANSACTION

5.4. QV Query Vehicle response

The normal successful result to a QV message is a detailed description of the stolen property. A QVL message received with similarly specific search criteria will result in the same type of response.

If a QV request is received with APS = B, the interface will pass on a query message to NCIC.

Error responses are sent when:

- Vehicle category (CAT) is not included
- Inadequate search criteria are supplied (see 5.1)
- No vehicles match the criteria given

Unsuccessful QV request due to no matching vehicle items in APSIN:

- *TransmissionHeader*qv.ori/akast0102.cat/v.lic/zyx321
- *ResponseHeader*TXT/6175 ERROR - ITEM NOT FOUND IN APSIN

Partially successful QV request in which the APSIN query is processed but NCIC matching requirements are inadequate:

- *TransmissionHeader*qv.cat/v.lic/xyz321.aps/b
- *ResponseHeader*TXT/0132 ERROR - VALID ORI REQUIRED TO SEND MESSAGE TO NCIC

5.5. SAMPLE STOLEN AND RECOVERED VEHICLE QUERY (QVL, QV) RESPONSES

The examples on the following pages demonstrate the presentation responses for the QVL and QV transactions.

Most interface presentation-response displays are designed to almost exactly mirror a corresponding 24-line screen of APSIN. Each example includes only 22 lines of detail because the first two lines of the 24-line response are reserved for the PAT message header, the message key, and selected transaction mnemonics (see **1.3. Text responses to stolen and recovered vehicle transactions** for the description of the text portion of each response message).

The transactions include vehicle and vehicle-related categories of vehicles (V), boats (B), planes (P), license plates (L), and parts (M). The sample responses in this section refer to category V only. In reality, the transaction responses are category-specific. For example, a response title line will show “Boats” instead of “Alaskan Vehicles” when a boat category is requested. The response format varies slightly to reflect the data retained in APSIN for a particular category. For example, the response for boats (B) includes such items as hull shape, length, vessel name,

etc. but a boat response does *not* include the vehicle style field. Although the response formats differ slightly in content for each vehicle category, the functionality of each is consistent.

Example 1 - QVL or QV Transaction – Vehicle List response

These two “pages” represent the first and last pages of a multi-page response to a successful QVL transaction. It is the same response that would result from a QV transaction with the same search criteria.

“ADDITIONAL RECORDS TO DISPLAY” on line one indicates that there are more pages.

“END OF RECORD DISPLAY” on the second page indicates the last page of the response.

Input transaction fields:

- qvl.aps/a.ori/akast0102.cat/v.vma/ford.vst/2d.vyr/1995

Text portion of response:

- **MKE/QVL.APS/A.SRT/9999.CAT/V.VST/2D.VMA/FORD.TXT/

(Vehicle List response - p. 1 of 2)

```

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 ADDITIONAL RECORDS TO DISPLAY
2 APSIN INTERFACE (QVL)                VEHICLE                02/06/07    17:37:02.4
3
4     CASE NUM/      SERIAL NUM/
5 SEQ# EXP DATE  ITEM AGID  COMMENTS      MAKE MOD YEAR STY COL LIC NUM    ST S
6 -----
7 0001                1974                FORD MUS      2D      BTT159      S
8
9 0002                1936                FORD MUS      2D      BTT134      S
10
11 0003                1964                FORD MUS      2D      BTT135      S
12
13 0004                1964                FORD MUS      2D      BTT136      S
14
15 0005                1965                FORD MUS      2D      BTT137      S
16
17 0006                1966                FORD MUS      2D      BTT139      S
18
19 0007                1967                FORD MUS      2D      BTT141      S
20
21 0008                FORD MUS      2D      BTT145      S
22

```

(Vehicle List response - p. 2 of 2)

```

1....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 END OF RECORD DISPLAY
2 APSIN INTERFACE (QVL)                VEHICLE                02/06/07    17:37:02.5
3
4     CASE NUM/        SERIAL NUM/
5 SEQ# EXP DATE  ITEM AGID  COMMENTS        MAKE MOD YEAR STY COL LIC NUM    ST S
6 ---- -
7 0017                                FORD                2D  RED KWATEST    WA W
8
9 0018                                FORD ESC 1995 2D  BLU 9209AF    AZ W
10
11 0019 KTEST92        1                                FORD MUS 1995 2D                WASH    WA S
12                                INFO  TEST
13 0020 KLMTEST10      1 TESTKLM012100        FORD MUS 1995 2D  RED DOG002    S
14                                INFO  TEST APSIN/ALVIN INTERFACE
15 0021                                FORD MUS 1995 2D  RED WASH23    WA W
16                                TESTING
17 0022 000000001      25 KTESTTRANSFER        FORD MUS 1995 2D  RED BDTEST    S
18                                INFO  TEST THE NEW NCIC 2000 TRANSACTION FUNCTIONS
19
20
21
22

```

Example 2 – QVL or QV Transaction – Single Vehicle response

This page represents the response to a successful QV transaction. The same display would result on a QVL transaction where only one vehicle item matches the search criteria.

Input transaction fields:

- qv.ori/akast0102.cat/v.oca/tst07x003.cin/1.agi/info

Text portion of response:

- **MKE/QV.SRT/9999.OCA/TST07X003.CIN/1.AGI/INFO.CAT/V.TXT/

```
1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1
2 APSIN INTERFACE (QV)           ALASKAN VEHICLES           02/15/07    15:50:09.8
3
4     STATUS: S           CASE NUM: TST07X003    ITEM NUM: 0001    DATE: 02/14/2007
5     AGENCY: INFO        EMPL ID:              ENTERED IN APSIN: 02 15 2007
6
7     SERIAL NUM: 0900                                STYLE: 4D
8         MAKE: SUBA                                DESC:
9         MODEL: GL           MODEL YR: 1984
10        COLOR: SIL           ENGINE DISPLACEMENT:
11        LIC NUM: BTT420        STATE:           YR EXPIRE: 1986  PLATE TYPE:
12 OWNER ID NO: 6272450
13 OWNER NUM:
14
15     COMMENTS: TOOLS USED TO BREAK INTO VEHICLE WERE LEFT AT THE SCENE
16
17
18
19         NCIC: V030001141
20
21 LOC COMMENT:
22 LOC CITY:           EXP DATE:
```


Example 3 – QV Transaction with APS=B (NCIC) response

This page represents the response to a successful QV transaction where APS = B causing a query of the NCIC Vehicle File. The response is comprised of the APSIN-formatted display followed by a standard NCIC response.

Input transaction fields:

▪ qv.ori/akast0102.cat/v.oca/tst07x003.cin/1.agi/info.nic/v030001141.aps/b

Text portion of response:

▪ **MKE/QV.APS/B.SRT/9999.OCA/TST07X003.CIN/1.AGI/INFO.CAT/V.NIC/V030001141..TXT/

1....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....

1

2 APSIN INTERFACE (QV) ALASKAN VEHICLES 02/15/07 15:11:50.4

3

4 STATUS: S CASE NUM: TST07X003 ITEM NUM: 0001 DATE: 02/14/2007

5 AGENCY: INFO EMPL ID: ENTERED IN APSIN: 02 15 2007

6

7 SERIAL NUM: 0900 STYLE: 4D

8 MAKE: SUBA DESC:

9 MODEL: GL MODEL YR: 1984

10 COLOR: SIL ENGINE DISPLACEMENT:

11 LIC NUM: BTT420 STATE: YR EXPIRE: 1986 PLATE TYPE:

12 OWNER ID NO: 6272450

13 OWNER NUM:

14

15 COMMENTS: TOOLS USED TO BREAK INTO VEHICLE WERE LEFT AT THE SCENE

16

17

18

19 NCIC: V030001141

20

21 LOC COMMENT:

22 LOC CITY: EXP DATE:

22

FROM NCIC ON 02/15/07 AT 15:23:16

TL01AJU106N00000000

AKAST0102

WARNING - THE FOLLOWING STOLEN VEHICLE RECORD CONTAINS EXPIRED LICENSE PLATE DATA. USE CAUTION, CONTACT ENTERING AGENCY TO CONFIRM STATUS.

MKE/STOLEN VEHICLE

ORI/AKAST0102 LIC/BTT420 LIS/AK LIY/1986 LIT/PC

VIN/WG723K1K6E7654321 VYR/1984

VMA/SUBALEGACY WAG0N VMO/GL VST/4D VCO/SIL DOT/20070214

OCA/TST07X003

MIS/TOOLS USED TO BREAK INTO VEHICLE WERE LEFT AT THE SCENE

NIC/V030001141 DTE/20070215 1854 EST

ORI IS AK DPS ALASKA STATE TROOPERS 907 352-5401

** TEST** THIS RESPONSE IS FROM THE NCIC TEST SYSTEM.

6. QUERY VEHICLE PROCESSING BY NCIC

When the APSIN/NCIC indicator (APS) is B on a QV Query Vehicle transaction, numerous fields will be passed for processing by NCIC. See the following figure (included after the end of this section) for descriptions of fields that are passed to NCIC:

- **Fig. 5 Table of NCIC QV/QB Outbound elements resulting from APSIN Vehicle query transaction: QV**

If NCIC number is not contained in the incoming message, APSIN will put it into the message sent to NCIC after APSIN matches the incoming item to an existing APSIN item for which NCIC number is recorded.

As described in 4.1, the required fields MKE, ORI and OCA are added to the NCIC message by APSIN.

In addition to MKE, ORI and OCA (described in 4.1), searching for a vehicle item on NCIC requires at least one of the following identifiers:

- NCIC number (NIC)
- License number (LIC) – for boats, the APSIN value for LIC is sent to NCIC as Registration number (REG)
- Vehicle identification number (VIN) – required when searching for a vehicle/boat part. For boats, the APSIN value for VIN is sent to NCIC as Boat hull number (BHN).
- Owner-applied number (OAN)

The table shows which NCIC vehicle-related transactions are generated by the APSIN Interface QV transaction.

APSIN Interface Message Key	APSIN Vehicle Category	Resulting NCIC Message
QV - Query Vehicle	V (vehicle) P (plane) L (license plate) M (part)	QV – Query Vehicle
	B (boat)	QB – Query Boat

Fig. 5 Table of NCIC QV/QB Outbound elements resulting from APSIN Vehicle query transaction: QV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 4	Message key			Y	<p>The NCIC Message Key will be QV except when the APSIN vehicle category is Boat, which generates an NCIC QB message.</p> <p>SEARCH CRITERIA At least one of the following identifiers must be supplied by the incoming APSIN message, or no NCIC message will be sent:</p> <ul style="list-style-type: none"> - NCIC number (NIC) - License number (LIC) - Vehicle identification number (VIN) - Owner-applied number (OAN)
2	ORI	A 9	Originating agency identifier			Y	Originating agency identifier is required on all NCIC transactions.
3	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system		Y*	See SEARCH CRITERIA in the MKE entry.
4	VIN	A 20	Vehicle identification number			Y*	<p>NCIC QV and QB transactions can accept multiple identifiers received using the VIN field key, including VIN and Owner-applied number (OAN) from the incoming APSIN message.</p> <p>VIN is required for NCIC to search for a vehicle/boat part (catg M in APSIN).</p> <p>See SEARCH CRITERIA in the MKE entry.</p>
5	LIC	A 8	License plate number			Y*	See SEARCH CRITERIA in the MKE entry.

Fig. 5 Table of NCIC QV/QB Outbound elements resulting from APSIN Vehicle query transaction: QV

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
6	LIS	A 2	License plate state				Inclusion of License state helps filter the entries returned by NCIC. LIS is used only if License plate number (LIC) is present.
7	VMA	A 24	Vehicle make				Inclusion of Vehicle make helps filter the entries returned by NCIC. VMA is used only if Vehicle identification number (VIN) is present.
8	REG	A 8	Vehicle registration number			Y*	On the NCIC QB transaction, Registration number is copied from License plate number (LIC) on the incoming APSIN message. See SEARCH CRITERIA in the MKE entry.
9	BHN	A 20	Boat hull number			Y*	On the NCIC QB transaction, Boat hull number is copied from Vehicle identification number (VIN) on the incoming APSIN message. See SEARCH CRITERIA in the MKE entry.

VI. CITATIONS

The following chart summarizes the transactions covered in this chapter.

Message		(Update, Query, No Access)			
Key	Action	APSIN	NCIC	Comment	
ECI	Add a citation	U	N		
MCI	Modify a citation	U	N		
DCI	Delete a citation	U	N		
QCP	Inquiry by Person	Q	N	Display a list of citations for a person	
QC	Inquiry by Citation	Q	N	Display a specific citation.	

1. CITATION TRANSACTIONS

Citation transactions are common to all agencies and are used to add a traffic or non-traffic citation to APSIN; to modify or delete citation information that already exists in APSIN; or to query information about citations in APSIN.

The interface's citation-update transactions ECI and MCI pertain only to pending citations. Pending citations are "non-dispositioned" citations, i.e., they have not progressed to disposition with DMV (for traffic citations) or the courts (for other offenses). Though dispositioned citations cannot be updated through the interface, they can be reviewed using the interface's citation query transactions QC and QCP.

To ensure that criminal justice information is associated with the correct individual, all APSIN interface citation transactions must contain identifying information that may include APSIN ID; Alaska Driver License Number (ADL); citation number; citation class; last, first, middle, and suffix names; DMV ID (usually the same as the ADL); Social Security Number; date of birth; sex; and race. This information is used to associate a citation to a person in APSIN before posting information to the APSIN database.

Transactions are not posted to the database until they have successfully passed a rigorous validation routine. This includes, but is not limited to, ensuring that mandatory fields are transmitted. If mandatory fields are missing or found to be invalid then the transaction is rejected and no data is posted. When non-mandatory fields are invalid, then only the fields in error are not posted to APSIN. As validation errors occur, appropriate error messages are formatted and sent back to the originating agency, informing them of the exact problem.

The details of which matching information is mandatory or optional, and how that information is used, are described in the context of the specific transactions in sections that follow.

The citation *update* transactions are:

- **ECI Enter Citation:** Add a pending citation to the APSIN database. The citation may be a traffic offense (citation class T) or other offense (citation class P). A citation may be added to APSIN only for a person already on record in APSIN.
- **MCI Modify Citation:** Update or modify an existing pending citation in APSIN. After a citation has progressed into DMV or the court system for disposition, then the citation is no longer pending, and the interface cannot be used to update the citation.
- **DCI Delete Citation:** Remove a pending citation from APSIN. As with MCI, DCI may be used only for a pending citation.

The citation *query* transactions are:

- **QC Inquire by Citation:** Request detailed information about a specific citation. The citation may be either pending or dispositioned. The citation number and class are used to specify the record to be returned. Identifying information about the cited person must also be included in the request, and it must match the citation record.

- **QCP Inquire by Person:** Request general citation information about a person. Three types of response may be received from the interface:
 1. Multiple Person List response. If the request does not uniquely match a person in APSIN, then the response will be a list (ranked from highest to lowest matching score) of persons from which may be selected a person for whom to make a more-specific citation query request.
 2. Multiple Citation List response. If the request uniquely matches one person in APSIN, and there is more than one citation record for that person, the response is the list of the person's citations. The citation list may be used to select a citation for which to make a subsequent QC request.
 3. Single Citation response. The response is identical to the QC response. It is returned if the request uniquely identifies the person (by specifying APSIN ID, ADL or DMV ID) – or if one person in APSIN peerlessly matches the non-unique identifying information on the request – **and** if there is only one citation on record for this person.

1.1. Text responses to Citation transactions

All responses from the interface contain a message header, details of the original request, and a text message that characterizes the outcome of the transaction, as follows.

1. The message header: 61 bytes if LU6.2 client, 84 bytes if TCP/IP client. The last twenty bytes of the header are the same for both LU6.2 and TCP/IP clients:
 - Three-byte message number (e.g., the first of a three-page QCP person list response would have a value of 001 and the last page would be 003)
 - Two-byte message level (00 for successful transaction, non-zero for varying levels of error)
 - Date of the response (mmddyyyy format)
 - Time of the response (hhmmss format)
2. Two asterisks (**)
3. For the Citations ***update transactions ECI, MCI and DCI***, the following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:
 - Message key (MKE)
 - Citation number (CNU)
 - Citation class (CIC)
 - Name (LNM, FNM, MNM, SNM)
 - State identification number (SID)
 - Alaska driver license (ADL)
 - Social security number (SOC)
 - Date of birth (DOB)

- Race (RAC)
- Sex (SEX)
- Offense code (OFF)

For the Citations *query transactions QC and QCL*, the following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:

- Message key (MKE)
- Citation class (CIC)
- Name (LNM, FNM, MNM, SNM)
- State identification number (SID)
- Alaska driver license (ADL)
- DMV (DMV) – derived from the MNT/MNU combination on the input message
- Social security number (SOC)
- Date of birth (DOB)
- Race (RAC)
- Sex (SEX)
- Citation number (CNU)
- Search result sequence (SRS) on a QCP multi-person list response

Note: If the mnemonic/value pairs exceed 74 characters this section will be truncated, with a period placed into position 75.

4. The mnemonic “TXT/”
5. The system’s response message indicating disposition of the transaction:
 - success of the transaction
 - failure of the transaction
 - error or informational message

Each of the following sections includes examples of successful and unsuccessful requests and responses.

- Sample transaction *requests*: item 1 (transaction header) is represented as “**TransmissionHeader**”.
- Sample transaction *responses*: items 1 through 5 above are represented by “**ResponseHeader**”.

Fig. 1 Table of Citation Transaction Elements: ECI, MCI and DCI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)		Y		The PAT transmission header is automatically included on all requests and responses.
10	MKE	A 3	Message key		Y		ECI - Enter Citation MCI - Modify Citation DCI - Delete Citation
20	SID	N 7	State identification number	Alaska state ID number for person; the APSIN ID.	Y*		Either SID or ADL (AK driver license) must be included on an ECI or MCI transaction. If both SID and ADL are included, only SID will be used to find the APSIN Person record. If the APSIN record for the SID has been consolidated into another APSIN Person record, the transaction will be processed using the "consolidate-to" record. You will receive a message indicating this.
30	ADL	N 7	Alaska drivers license number	ADL is generated by Division of Motor Vehicles. ADL can be used to locate a person record in the APSIN database.	Y*		Either SID or ADL (AK driver license) must be included on an ECI or MCI transaction. If both SID and ADL are included, only SID will be used to find the APSIN Person record. If the APSIN record for the ADL has been consolidated into another APSIN Person record, the transaction will be processed using the "consolidate-to" record. You will receive a message indicating this.

Fig. 1 Table of Citation Transaction Elements: ECI, MCI and DCI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
40	NAM	A 25 A 15 A 15 A 4	Person full name	Sometimes "last, first middle suffix" Sometimes "first middle last suffix"	Y		<p>Last name and First name are required for all Citation transactions (ECI, MCI, DCI).</p> <p>Instead of using NAM, you may include names separately using LNM, FNM, MNM and SNM.</p> <p>The format is detailed in NCIC 2000 Code Manual "Personal Descriptors" SECTION 2-NAME FIELDS. The data must be formatted as "Last,^First^Middle^Suffix", where the ^ character represents a space. The field terminator or period can appear after the first name if the middle name and suffix are not transmitted. Last name should not exceed 25 characters in length. First and middle names should not exceed 15 characters in length. The suffix cannot be larger than four characters.</p>
50	LNМ	A 25	Last name		Y		Last Name and First Name are required for all Citation transactions (ECI, MCI, DCI). Last Name may be included as part of NAM, or separately as LNM.
60	FNM	A 15	First name		Y		Last Name and First Name are required for all Citation transactions (ECI, MCI, DCI). First Name may be included as part of NAM, or separately as FNM.
70	MNM	A 15	Middle name				Middle Name may be included as part of NAM, or separately as MNM. If Middle Name is included on ECI or MCI transaction, then it must match a Middle Name listed on the APSIN Person record. If APSIN contains no Middle Name for the person then ECI / MCI Middle Name is accepted without error.

Fig. 1 Table of Citation Transaction Elements: ECI, MCI and DCI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
80	SNM	A 4	Name suffix				If the Name Suffix is included on ECI or MCI transaction, then it must match a Suffix listed on the APSIN Person record. If APSIN contains no Name Suffix for the person then ECI / MCI Name Suffix is accepted without error.
90	SOC	N 9	Social security number				If the SSN is included, it must match an SSN listed on the APSIN Person record. If APSIN contains no SSN for the person then ECI / MCI SSN is accepted without error.
100	DOB	N 8	Person date of birth				If DOB is included, it must match a DOB listed on the APSIN Person record. If APSIN contains no DOB for the person then ECI / MCI DOB is accepted without error. Must be in format MMDDYYYY.
110	SEX	A 1	Person sex				If Sex is included, it is validated against Table 11 PE-SEX and it must match the Sex listed on the APSIN Person record. If APSIN contains no Sex for the person then ECI / MCI Sex is accepted without error.
120	RAC	A 1	Person race				If Race is included, it is validated against Table 21 PE-RACE and it must match the Race listed on the APSIN Person record. If APSIN contains no Race for the person then ECI / MCI Race is accepted without error.
130	AGI	A 4	Agency ID	Issuing or arresting agency ID	Y		To use APSIN's newer 17-byte citation identifier, three fields are required: AGI, CNF, CNU; and a fourth field, CND, is optional. If you do not use the newer format, only AGI and CNU are required. Agency ID code must be a valid agency code in the APSIN Company file.

Fig. 1 Table of Citation Transaction Elements: ECI, MCI and DCI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
132	CNF	A 1	Citation number electronic / printed / legacy flag	E = electronic ticket P = printed ticket L = "legacy" citation	Y*		<p>To use APSIN's newer 17-byte citation identifier, three fields are required: AGI, CNF, CNU; and a fourth field, CND, is optional.</p> <p>If you do not use the newer format, only AGI and CNU are required.</p>
134	CNU	A 8	Citation number		Y		<p>To use APSIN's newer 17-byte citation identifier, three fields are required: AGI, CNF, CNU; and a fourth field, CND, is optional.</p> <p>If you do not use the newer format, only AGI and CNU are required.</p> <p>The Citation Number must start with a letter and the rest of the characters must be digits.</p> <p>On an ECI transaction, the Citation Number must not yet exist in APSIN.</p> <p>On an MCI or DCI transaction, the Citation Number must be found in APSIN. The Citation record must be for the person for whom the transaction was submitted; and it must match the Citation Class (CIC) submitted on the transaction (T for Traffic, P for Non-Traffic).</p>
136	CND	A 4	Citation number user-defined suffix	Four-byte field that the issuing agency may use for internal reference			<p>To use APSIN's newer 17-byte citation identifier, three fields are required: AGI, CNF, CNU; and a fourth field, CND, is optional.</p> <p>If you do not use the newer format, only AGI and CNU are required.</p> <p>The optional CND field may be any four-character alphanumeric value.</p>

Fig. 1 Table of Citation Transaction Elements: ECI, MCI and DCI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
140	CIC	A 1	Citation class (traffic or infraction)		Y		T for traffic offenses, P for other offenses or infractions. (See CNU.)
150	OLN	A 20	Operator license number	Alaskan or non-Alaskan license number (but usually non-Alaska because ADL is the Alaska driver license)			Other-state License Number should be blank if the cited person has AK driver license, and it should be included if Other License State (OLS) is included. If either of these conditions fails, the interface resets OLN to blank and issues a validation error message.
160	OLS	A 2	Operator license state		Y*		Other License State is validated against Table 12 AD-STATE, but it cannot be AK (Alaska). OLS is required if Other-state License Number (OLN) is present.
170	DOV	N 8	Date of violation		Y		Date of violation is required on an ECI transaction. It must be on or before the date the ECI transaction is entered, but not more than 11 years in the past; and it must be of format MMDDYYYY.
180	TOV	N 4	Time of violation				Time must be a value from 0000 - 2359 (inclusive).

Fig. 1 Table of Citation Transaction Elements: ECI, MCI and DCI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
190	OFF	A 5	NCIC offense code		Y		<p>Offense Code must be present on an ECI transaction.</p> <p>OFF for a traffic citation must be found in DMV Table 298. It is considered valid if it is designated as an Alaska offense -- or if the Agency ID (AGI) is ODC (out of state). The offense must be classified by DMV with a Violation Class of T (Traffic).</p> <p>OFF for a non-traffic citation must be found in APSIN Table 32 OF-VIOL, and it must be classified in the table with a Violation Class of P (misc.).</p>
200	COD	N 5	Citation offense detail		Y*		If the Violation Code (OFF) for a traffic violation is S92 (speeding) then COD is required, in which case COD must be of format N5 where the first two digits are the speed limit and the last three digits are the number of miles per hour above the speed limit.
210	CLT	A 30	Citation or Case location text				
220	CLC	A 20	Citation location city		Y		<p>On an ECI transaction, the Location City (where the violation occurred) must be included.</p> <p>CLC must be an Alaska city as validated against Table 17 AD-CITY.</p>
230	EIA	A 5	Employee ID in APSIN	Removed			If included, the Employee ID of the arresting officer must be found in APSIN.
240	CBE	A 5	Citation or Case beat or patrol zone				If CBE is included, it is validated against Table 29 OF-BEAT.

Fig. 1 Table of Citation Transaction Elements: ECI, MCI and DCI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
250	CRW	A 1	Citation bench warrant payment code				If CRW is included, it is validated against Table 103 CO-RWP. If CPD is included, then CRW should be included. If this condition fails, the interface resets CRW to blank and issues a validation error message.
260	CPD	N 8	Citation bench warrant payment date				If CRW is included, then CPD is required. Format must be MMDDYYYY. If CPD is included, then CRW should be included. If this condition fails, the interface resets CPD to blank and issues a validation error message.
270	CVV	A 1	Vehicle weight class for traffic citation	Vehicle weight class (A for under 10000, B for 10000 to 26000, C for over 26000 lbs)	Y		Vehicle Weight Class is required for Traffic citations, unless the Violation Code (OFF) is a driver improvement course (DT1, DT2). Vehicle Weight Class is validated against DMV Table 288, and the DMV table entry's CDL code must match the Citation was in a commercial vehicle indicator (CCV) (Y or N) or be blank.
280	CCV	A 1	Citation was in a commercial vehicle		Y*		Citation was in a commercial vehicle must be Y or N if the cited incident occurred in a commercial vehicle
290	CHZ	A 1	Citation hazardous materials indicator		Y*		Hazardous Material Indicator must be Y, N or U if Citation was in a commercial vehicle (CCV) is present, and must NOT be included if CCV is not present.

Fig. 1 Table of Citation Transaction Elements: ECI, MCI and DCI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
300	CCL	A 1	Out of State commercial driver's license		Y*		Out of State commercial driver's license must be Y, N or blank. If the cited person has an out-of-state CDL, then Commercial License Indicator should be included. Commercial License Indicator cannot be Y if Other-state License Number (OLN) is blank, and it MUST be included if OLN is present.
310	CDN	A 8	Citation court document number				
320	DAC	N 8	Date of court appearance for citation				If included, Court Appearance Date must be on or after the Date of Violation (DOV); and it must be of format MMDDYYYY.
330	TIC	N 4	Time of court appearance for citation				Time must be a value from 0000 - 2359 (inclusive).
340	CSZ	A 1	Citation safety zone flag				Highway Safety Zone, if included, must be Y or N. Once it is in the database, it cannot be removed by an MCI transaction.
350	CWZ	A 1	Citation work zone flag				Highway Work Zone, if included, must be Y or N. Once it is in the database, it cannot be removed by an MCI transaction.
360	TNT	A 1	Telephone number type	R = residence B = business (work) C = cell M = message			Telephone numbers are comprised of phone number type (TNT), phone number area code (TNA), and phone number (TNO). All three items for a phone number should be transmitted together, and four types of phone number are supported based on the TNT value.
370	TNA	N 3	Telephone number area code				See phone number type (TNT) for explanation. Note that if phone area code is included, you must also supply the phone number (TNO).

Fig. 1 Table of Citation Transaction Elements: ECI, MCI and DCI

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
380	TNO	N 7	Telephone number				See phone number type (TNT) for explanation.

2. ENTER CITATION INTO APSIN (ECI)

A citation may be entered only for a person already on record in APSIN. The process of recording a new citation in APSIN involves matching the person specified on the request to a unique APSIN person record; verifying the validity and completeness of the rest of the information on the request; and adding the citation to the database as a pending citation.

See **Fig. 1 Table of Citation Transaction Elements: ECI, MCI and DCI** (above) for descriptions of validation requirements for all of the individual message fields for the citation update transactions.

Person Identification: The minimum fields required to identify an existing person in APSIN for the ECI transaction are:

- Last name (complete) and first name (may be only the initial)
- Either APSIN ID (SID) or ADL.

Person name format requirements are detailed in NCIC 2000 Code Manual "Personal Descriptors" SECTION 2-NAME FIELDS. The data must be formatted as "Last,^First^Middle^Suffix", where the ^ character represents a space. The field terminator or period can appear after the first name if the middle name and suffix are not transmitted. Last name should not exceed 25 characters in length. First and middle names should not exceed 15 characters in length. The suffix cannot be larger than four characters.

The SID or ADL uniquely identify a person in APSIN, and the name information included on the request must match the person identified using SID or ADL.

The following input fields are required (and must be valid) to add a citation:

- Citation class (CIC) – either T for traffic or P for other infraction.
- Arresting agency ID (AGI)
- If using APSIN's newer 17-byte citation identifier, citation number electronic/printed/legacy flag (CNF) is required.
- Citation number (CNU) – must be unique and cannot already be present in APSIN; must be of format ANNNNNNNN.
- Citation location city (CLC)
- Traffic or infraction offense code (OFF)
- Citation date occur (DOV) – cannot be in the future and cannot be more than 11 years ago.
- Vehicle weight class (CVV) – required for traffic (CIC = T) citation.
- Hazardous materials indicator (CHZ) – Y or N value required if Citation was in a commercial vehicle indicator (CCV) is included.
- Other license state (OLS) – required if other state license number (OLN) is included.
- Out of State commercial driver's license (CCL) – Y or N value required if OLN is included.

- Violation detail (COD) – required if offense code is S92 (speeding).

For S92 offenses, the violation detail must be as follows: the first two digits represent the speed limit and the next three digits represent the miles per hour above the limit.

APSIN does not record any vehicle data such as license plate number or vehicle make associated with a citation.

Error responses are sent when a citation cannot be added to APSIN for the following reasons:

- Missing or invalid mandatory fields (see list of required input fields above).
- Non-existent SID or ADL.
- Cannot match non-unique person-identifying data supplied on the request (e.g., name, SSN, birthdate, sex, race) to the APSIN person record specified by the SID or ADL.
- The specified citation number already exists in APSIN.
- Offense code not found in DMV table when citation class is T, or offense code not found in APSIN table when citation class is P.
- Dates violating sensibility rules or incorrectly formatted (e.g., DAC court appearance cannot precede DOV date of violation; and dates must be in MMDDYYYY format).
- In some cases, invalid non-mandatory fields (e.g., CSZ highway safety zone, if present, must be Y or N).
- System environment problems that prevent correct processing of the interface.

Error responses are also sent when a citation is successfully added in spite of invalid non-mandatory fields which were ignored by the update process.

2.1. ECI Enter Citation sample requests and responses

Successful request and response for adding a citation:

- **TransmissionHeader**ECI.LNM/MOPPET.FNM/M.SID/6000656.CIC/T.CNU/A0654321.CLC/ANCHORAGE.OFF/S92.COD/65015.AGI/ANC.DOV/08212006.CVV/A
- **ResponseHeader**TXT/5059 ***NOTIFICATION*** CITATION UPDATE TRANSACTION SUCCESSFULLY PROCESSED

Unsuccessful request and response for adding a citation that includes neither the SID nor ADL:

- **TransmissionHeader**ECI.LNM/MOPPET.FNM/M.CIC/T.CNU/A0654321.CLC/ANCHORAGE.OFF/S92.COD/65015.AGI/ANC.DOV/08212006.CVV/A
- **ResponseHeader**TXT/5009 ERROR - THE MINIMUM FIELDS NEEDED TO PROCESS THE TRANSACTION ARE NOT PRESENT - NEED MESSAGE FIELDS: CNU, LNM, FNM, AND SID OR ADL

Unsuccessful request and response for adding a citation that contains an erroneous last name:

- **TransmissionHeader**ECI.LNM/MOPPET.FNM/M.CIC/T.CNU/A0654321.CLC/ANCHORAGE.OFF/S92.COD/65015.AGI/ANC.DOV/08212006.CVV/A
- **ResponseHeader**TXT/2520 ERROR - NAME DOES NOT MATCH NAME FROM APSIN ID 6000656

Successful request and responses for adding a citation that contains an erroneous time of violation (the error is not severe enough to prevent the success of the transaction):

- **TransmissionHeader**ECI.LNM/MOPPET.FNM/M.SID/6000656.CIC/T.CNU/A0654321.C
LC/ANCHORAGE.OFF/S92.COD/65015.AGI/ANC.DOV/08212006.CVV/A.TOV/1272
- **ResponseHeader**TXT/5015 ERROR - INVALID TIME OF VIOLATION - FIELD NOT
POSTED TO APSIN
- **ResponseHeader**TXT/5059 ***NOTIFICATION*** CITATION UPDATE TRANSACTION
SUCCESSFULLY PROCESSED

3. **CITATION MODIFICATION (MCI) AND DELETE (DCI) TRANSACTIONS**

See *Fig. 1 Table of Citation Transaction Elements: ECI, MCI and DCI* (above) for descriptions of validation requirements for all of the individual message fields for the citation update transactions.

The following input fields are required to identify the citation to be modified or deleted:

- Citation number and class
- Last name (complete) and first name (may be only the initial)
- Either APSIN ID (SID) or ADL

3.1. **MCI Modify Citation**

All citation fields except the following can be modified:

- Citation number and the citation class
- If using APSIN's newer 17-byte citation identifier, you cannot delete or modify AGI or CNF.
- Person to whom the citation is associated (you cannot change the SID or ADL)

To change the citation number and/or class, or to reassign the person associated to the citation, it is necessary to delete the existing record and add a new record.

The interface cannot be used to modify or delete citations that have progressed to disposition with DMV or the court system.

Error responses are sent when the citation can not be modified for the following reasons:

- Missing or invalid mandatory fields (see list of required input fields above).
- Specified citation or person not found in APSIN.
- Mismatch between the specified citation and person.
- Citation in APSIN does not match the citation class on the request.
- The citation is not a pending citation.
- Invalid mandatory fields, such as non-existent offense code or APSIN ID or ADL.
- Offense code not found in DMV table when citation class is T, or offense code not found in APSIN table when citation class is P.
- Dates violating sensibility rules or incorrectly formatted (e.g., DAC court appearance cannot precede DOV date of violation; and dates must be in MMDDYYYY format).
- In some cases, invalid non-mandatory fields (e.g., CSZ highway safety zone, if present, must be Y or N).
- System environment problems that prevent correct processing of the interface.

When an invalid non-mandatory field value is included on an MCI request, the interface ignores the invalid field, sends an error response, and continues processing the transaction.

3.1.1. MCI Modify Citation sample requests and responses

Successful request and response for modifying a citation:

- *TransmissionHeader*MCI.LNM/MOPPET.FNM/M.SID/6000656.CIC/T.CNU/A0654321.C
LC/ANCHORAGE.OFF/S92.COD/65015.AGI/ANC.DOV/08212006.CVV/A.CSZ/Y.CWZ/
N
- *ResponseHeader*TXT/5059 ***NOTIFICATION*** CITATION UPDATE TRANSACTION
SUCCESSFULLY PROCESSED

Unsuccessful request and response for modifying a citation (request includes neither the SID nor ADL):

- *TransmissionHeader*MCI.LNM/MOPPET.FNM/M.CIC/T.CNU/A0654321.OFF/S92.COD/6
5015.AGI/ANC.DOV/08212006.CVV/A.CHZ/Y.CWZ/N
- *ResponseHeader*TXT/5009 ERROR - THE MINIMUM FIELDS NEEDED TO PROCESS
THE TRANSACTION ARE NOT PRESENT - NEED MESSAGE FIELDS: CNU, LNM,
FNM, AND SID OR ADL

Unsuccessful request and response for modifying a citation (mismatched last name):

- *TransmissionHeader*MCI.LNM/PRICE.FNM/V.SID/6280929.CIC/T.CNU/A0665432
- *ResponseHeader*TXT/5061 ERROR - THE PERSON ON THE PENDING CITATION DOES
NOT MATCH THE PERSON SUBMITTED WITH THE TRANSACTION

Successful request and responses for modifying a citation (CHZ incorrectly included – the error is not severe enough to prevent the success of the transaction):

- *TransmissionHeader*MCI.LNM/MOPPET.FNM/M.SID/6000656.CIC/T.CNU/A0654321.C
LC/ANCHORAGE.OFF/S92.COD/65015.AGI/ANC.DOV/08212006.CVV/A.CHZ/Y.CWZ/
N
- *ResponseHeader*TXT/5045 ERROR - HAZARDOUS MATERIAL INDICATOR ONLY VALID
WITH COMMERCIAL DRIVERS LICENSE VIOLATION INDICATOR - FIELD NOT
POSTED TO APSIN
- *ResponseHeader*TXT/5059 ***NOTIFICATION*** CITATION UPDATE TRANSACTION
SUCCESSFULLY PROCESSED

3.2. DCI Delete Citation

On a DCI request, error responses are sent when the citation can not be deleted for the following reasons:

- Missing or invalid mandatory fields (see list of mandatory fields above).
- Specified citation or person not found in APSIN.
- Mismatch between the specified citation and person.
- The citation is not a pending citation.
- System environment problems that prevent correct processing of the interface.

3.2.1. DCI Delete Citation sample requests and responses

Successful request and response for deleting a citation:

- *TransmissionHeader*DCI.LNM/MOPPET.FNM/M.SID/6000656.CNU/A0654321.CIC/T
- *ResponseHeader*TXT/5060 ***NOTIFICATION*** CITATION DELETE TRANSACTION SUCCESSFULLY PROCESSED

Unsuccessful request and response for deleting a citation (request does not include citation class):

- *TransmissionHeader*MCI.LNM/MOPPET.FNM/M.SID/6000656.CNU/A0654321
- *ResponseHeader*TXT/5001 ERROR - CITATION CLASS IS INVALID - IT MUST BE A "T" FOR TRAFFIC OR "P" FOR OTHER INFRACTIONS

Fig. 2 Table of Citation Transaction Elements: QC, QCP Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)		Y		The PAT transmission header is automatically included on all requests and responses.
1	MKE	A 3	Message key		Y		The Message Key values for Citation queries are: QC (Citation Single Response) QCP (Citation Multiple Response)
2	FMT	A 1	Formatted response indicator	'N' for Data Transmission Format or 'Y' for Presentation Response Format.			Format Response Indicator can be either N or Y, however, only Y (Presentation Response Format) is presently available.
3	SRT	N 4	Search return total	Used to request max number to be returned for list type query response			On a QCP transaction, use SRT to specify the maximum number of person records you wish to be listed from the interface. SRT can be used in conjunction with SRS. For example, if you want 16 records listed beginning with the ninth record found by the interface, you would supply values as follows: SRT/16.SRS/9. Use SRT value of 9999 to cause all records to be returned. If SRT is not specified, the system defaults its value to 8.

Fig. 2 Table of Citation Transaction Elements: QC, QCP Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
4	SMS	N 2	Search match score				<p>On a QCP transaction, use SMS to specify the minimum match score for your search.</p> <p>The Interface will list only records that have a match score greater than or equal to the SMS value. If you do not specify SMS, the system defaults it to 0 to cause the most-inclusive person matching.</p> <p>SMS is meaningful only if you do not use unique identifying data (SID, ADL, MNT/MNU) to identify the person.</p>
5	SRS	N 4	Search result sequence number				<p>On a QCP transaction, if you are requesting that the returned person list begin at a particular position in the sequence other than the first position, you may specify that position using SRS.</p> <p>The value of SRS may not be greater than 200. If you do not specify SRS, its value is defaulted to 1.</p>
6	SID	N 7	State identification number	Alaska state ID number for person; the APSIN ID.			<p>SID may be used as a unique matching criterion on the QCP transaction.</p> <p>The SID must be found in APSIN -- and the Person on record for the SID must match any other identifying information included on the transaction.</p> <p>If the APSIN record for the SID has been consolidated into another APSIN Person record, the transaction will be processed using the "consolidate-to" record. You will receive an advisory message indicating this.</p>

Fig. 2 Table of Citation Transaction Elements: QC, QCP Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
7	ADL	N 7	Alaska drivers license number	ADL is generated by Division of Motor Vehicles. ADL can be used to locate a person record in the APSIN database.			<p>Alaska Driver License may be used as a unique matching criterion on the QCP transaction.</p> <p>The ADL must be found in APSIN -- and the Person on record for the ADL must match any other identifying information included on the transaction.</p> <p>If the APSIN record for the ADL has been consolidated into another APSIN Person record, the transaction will be processed using the "consolidate-to" record. You will receive an advisory message indicating this.</p>

Fig. 2 Table of Citation Transaction Elements: QC, QCP Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
8	NAM	A 25 A 15 A 15 A 4	Person full name	Sometimes "last, first middle suffix" Sometimes "first middle last suffix"			<p>Name fields may be used as matching criteria on the QCP transaction.</p> <p>Instead of using NAM, you may include names separately using LNM, FNM, MNM and SNM.</p> <p>The format is detailed in NCIC 2000 Code Manual "Personal Descriptors" SECTION 2-NAME FIELDS. The data must be formatted as "Last,^First^Middle^Suffix", where the ^ character represents a space. The field terminator or period can appear after the first name if the middle name and suffix are not transmitted. Last name should not exceed 25 characters in length. First and middle names should not exceed 15 characters in length. The suffix cannot be larger than four characters.</p> <p>If one of the unique identifying fields (SID, ADL, or DMV-ID supplied in MNU field) were included on the transaction, then all included name fields (the components of NAM, or the individually transmitted fields LNM, FNM, MNM and SNM) must match a name listed on the uniquely identified Person record.</p>
9	LNM	A 25	Last name				<p>Last Name may be included as part of NAM, or separately as LNM.</p> <p>See NAM for how names are treated on the QCP transaction.</p>
10	FNM	A 15	First name				<p>First Name may be included as part of NAM, or separately as FNM.</p> <p>See NAM for how names are treated on the QCP transaction.</p>

Fig. 2 Table of Citation Transaction Elements: QC, QCP Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
11	MNM	A 15	Middle name				Middle Name may be included as part of NAM, or separately as MNM. See NAM for how names are treated on the QCP transaction.
12	SNM	A 4	Name suffix				Name Suffix may be included as part of NAM, or separately as MNM. See NAM for how names are treated on the QCP transaction. The SNM value is validated against Table 7 PE-SFX.
13	SOC	N 9	Social security number				SOC may be used as the sole matching criterion on the QCP transaction. SOC must match the primary SSN listed on the APSIN Person record.
14	DOB	N 8	Person date of birth				Date of Birth (DOB) may be used as a matching criterion on the QCP transaction. If one of the unique identifying fields (SID, ADL, or DMV-ID supplied in MNU field) were included on the transaction, then DOB must match the primary DOB listed on the uniquely identified Person record. Must be in format MMDDYYYY.

Fig. 2 Table of Citation Transaction Elements: QC, QCP Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
15	SEX	A 1	Person sex				<p>Sex may be used as a matching criterion on the QCP transaction.</p> <p>If one of the unique identifying fields (SID, ADL, or DMV-ID supplied in MNU field) were included on the transaction, then SEX must match the primary Sex listed on the uniquely identified Person record.</p> <p>SEX is validated against Table 11 PE-SEX.</p>
16	RAC	A 1	Person race				<p>Race may be used as a matching criterion on the QCP transaction.</p> <p>If one of the unique identifying fields (SID, ADL, or DMV-ID supplied in MNU field) were included on the transaction, then RAC must match the primary Race listed on the uniquely identified Person record.</p> <p>RAC is validated against Table 21 PE-RACE.</p>
17	MNT	A 3	Person miscellaneous ID number type				<p>The combination of Miscellaneous Number Type (MNT) and Misc. Number (MNU) may be used as matching criteria on the QCP transaction.</p> <p>The MNT value may only be "DMV". The MNU field must contain the DMV ID that is to be used for matching.</p>

Fig. 2 Table of Citation Transaction Elements: QC, QCP Inbound

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
18	MNU	N 7	Person miscellaneous ID number	Usually used for the Alaska DMV ID number for person. Usually - if not always - identical to ADL, and usually identical to SID (APSIN ID)			<p>The DMV ID may be supplied in the MNU field to be used as a unique matching criterion on the QCP transaction.</p> <p>The DMV ID must be found in APSIN -- and the Person on record for the DMV ID must match any other identifying information included on the transaction.</p> <p>If the APSIN record for the DMV ID has been consolidated into another APSIN Person record, the transaction will be processed using the "consolidate-to" record. You will receive an advisory message indicating this.</p>
19	CIC	A 1	Citation class (traffic or infraction)		Y		The value must be T for traffic offenses, P for other offenses or infractions.
20	CNU	A 8	Citation number		Y*		<p>This is sole matching criterion for the QC transaction.</p> <p>On a QCP transaction, the Citation Number field is ignored because QCP uses Person-identifying data for matching.</p>

4. CITATION QUERY TRANSACTIONS

There are two types of citation inquiry transactions: Inquire by Person (QCP) and Inquire by Citation (QC).

QCP is used to search for general APSIN and DMV citation information about a person, by matching identification information about the person to the APSIN and DMV databases. The interface may return three types of response to the QCP request depending upon the level of specificity supplied about the person, and how precisely that information matches person and citation records in APSIN and DMV.

QC is used to retrieve from APSIN and DMV the details of a specific, known citation. The citation may be either pending or “dispositioned.” The citation number and class are used to specify the record to be returned. Identifying information about the cited person must also be included in the request, and it must match the citation record.

See **Fig. 2 Table of Citation Transaction Elements: QC, QCP Inbound** (above) for descriptions of validation requirements for all of the individual message fields for the citation query transactions.

See **1.1. Text responses to citation transactions** for the description of the text portion of each response message.

4.1. QCP Inquire by person

The following input fields are required when submitting the QCP transaction:

- Citation class (T or P)
- Any one of the following:
 - APSIN ID (SID)
 - ADL
 - DMV ID (combination of MNT = DMV, MNU = unique DMV ID)
 - Last name (complete) and first name (may be only the initial)
 - Social Security Number

On a QCP request, error responses are sent when the interface cannot retrieve valid inquiry information for the following reasons:

- Missing or invalid mandatory fields (see list of mandatory fields above).
- Cannot match non-unique person-identifying data supplied on the request (e.g., name, SSN, birthdate, sex, race) to the APSIN / DMV person record specified by the SID, ADL or DMV ID.
- No person records in APSIN match the search criteria.
- Only one person is found on APSIN to match the search criteria, but there are no citations whatsoever in APSIN / DMV for that person.
- System environment problems that prevent correct processing of the interface.

Unsuccessful QCP request due to missing required input field CIC (citation class):

- `TransmissionHeaderQCP.LNM/MOPPET.FNM/M`
- `ResponseHeaderTXT/5001 ERROR - CITATION CLASS IS INVALID - IT MUST BE A "T" FOR TRAFFIC OR "P" FOR OTHER INFRACTIONS`

Unsuccessful QCP request and response for a person for whom no matching records are on file:

- `TransmissionHeaderQCP.LNM/ZARATHUSTRA.FNM/Z.CIC/T`
- `ResponseHeaderTXT/5004 ERROR - NO DATA FOUND TO MATCH TRANSACTION INPUT CRITERIA`

4.1.1. QCP Multiple Person List response

If the request does not uniquely match a person in APSIN, then the response will be a list (ranked from highest to lowest matching score) of persons from which may be selected a person for whom to make a more-specific (e.g., using the SID or ADL) citation query request.

See Example 2. QCP Transaction – Multiple Person List response (below).

Details of multiple-person records search are described below in section QCP Person-search logic.

4.1.2. QCP Multiple Citation List response

If the request uniquely matches one person in APSIN, and there is more than one citation record for that person, the response is the list of the person's citations. The citation list may be used to select a citation (using citation number and class plus matching information such as SID or ADL) for which to make a subsequent QC request.

The multiple citation list response lists pending citations first, followed by any court citation records.

See Example 3. QCP Transaction – Multiple Traffic Citation List response and Example 5. QCP Transaction – Multiple non-Traffic Citation List response (below).

4.1.3. QCP Single Citation response

The response is identical to the QC response described in the next section. It is returned if the request uniquely identifies the person (by specifying APSIN ID, ADL or DMV ID) – or if one person in APSIN peerlessly matches the non-unique identifying information on the request – *and* if there is only one citation on record for this person.

See Example 1. QC or QCP Transaction - Single Traffic Citation response and Example 4. QC or QCP Transaction - Single non-Traffic Citation response (below).

If the citation has disposition data, then that data is displayed on a second page.

4.1.4. QCP Multiple person listing responses – extended query options

The multiple person selection response returns, by default, the first eight person records. In this case only one page of the multiple person list response will be produced. When the user cannot

find a particular record on the first response of a multiple person list response, then they have the following options:

1. Search Result Sequence (SRS). Request a subsequent page of data to be returned by using the SRS mnemonic. The SRS value (returned as part of the first response) represents the sequence number of the next record that can be returned.

For instance, when a full page of eight person records is returned, then the SRS field (in the response message) contains the value 9. The message at the top of a formatted page reads “ADDITIONAL PERSON RECORDS TO DISPLAY.” Sending the original transaction query values back to the interface with the mnemonic/value pair SRS/9 returns records with a sequence number of 9 through 16. The user can continue this iterative process until they receive the message “END OF PERSON DISPLAY” at the top of the formatted page.

For the person list if the search criterion is not specific enough, and APSIN contains too many potential matches, then the final message may read “MORE NAMES EXIST – REFINE YOUR CRITERIA”. The maximum number of potential person matches that will be returned is 200.

2. Search Return Total (SRT). Use the SRT mnemonic to expand the number of items returned by a single transaction (the default being only 8 persons). To expand the number of person pages from one to three, the query transaction would include a mnemonic/value pair SRT/24.

The interface is programmed to always return one or more full screens of data, so any value between 17 and 24 would return three full, formatted pages.

4.1.5. QCP Person-search logic

Once all basic field validation has successfully occurred for a QCP transaction, then the search logic described below is used to access the APSIN database to determine the contents of the interface response. Person unique identifiers are defined as the APSIN ID, ADL, or DMV ID (combination of MNT = DMV, MNU = unique DMV ID). Person demographic data is defined as last name, first name (or initial), middle name (or initial), date of birth, sex, race, and social security number.

- When a person unique identifier is provided in the transaction, then only one matching person record should exist in the database. When person demographic data are also provided in the transaction, then that data must also match the found person record in order for it to be returned. If either condition is not true, then a “record not found” message is returned.
- When a record cannot be found for a provided unique identifier, and person demographic information is also supplied, then this demographic data is *not* used to further the search. In other words, the name search is *not* performed when a unique identifier appears in the transaction.
- A social security number search is performed only when this is the only search criterion supplied in the transaction.

- The name search routine is invoked when no unique identifiers are provided in the transaction, and if, at a minimum, the last name and first name initial are provided. Additional demographic data supplied in the transaction are *not* used as “filter criteria”, but rather as “scoring criteria.” In other words, a record might be returned even if a supplied date of birth does not match the name record. However, its total match score will be significantly lower than if the supplied date of birth matched the APSIN date of birth, and therefore the returned record will appear further down in a list of potential “hits.” The match scoring process functions as follows.
 - The last name is processed through an APSIN program to compute the last name’s soundex code.
 - APSIN records are accessed using the soundex code.
 - Each record is scored based on how the data supplied in the transaction compares to the APSIN data. An exact match yields an increase in the score value. A mismatch yields a deduction in the score value. Thus, it is possible to have a record whose total score is a negative value. The default search match score (SMS) field value of zero eliminates these types of records from the returned person list. The total score is *not* affected by demographic data not supplied in the transaction (in this case, a field comparison is simply not performed).
 - This process is described in detail in Chapter III - Person Transactions.

4.2. QC Inquire by Citation

The following input fields are required when submitting a QC transaction:

- Citation number
- Citation class (T or P)

See Example 1. QC or QCP Transaction - Single Traffic Citation response and Example 4. QC or QCP Transaction - Single non-Traffic Citation response (below).

On a QC request, error responses are sent when the interface cannot retrieve valid inquiry information for the following reasons:

- Missing or invalid mandatory fields (see list of mandatory fields above).
- System environment problems that prevent correct processing of the interface.

Successful QC request and responses where superfluous search criteria are included on the request:

- *TransmissionHeader*QC.LNM/MOPPET.FNM/M.SID/6000656.CIC/T.CNU/A0619192
- *ResponseHeader*TXT/5000 ERROR - QC TRANSACTION RECEIVED WITH PERSON SEARCH DATA - CITATION SEARCH PERFORMED AND PERSON DATA IGNORED
- *ResponseHeader*TXT/
...22-line presentation response of QC follows, such as example 1 below...

Unsuccessful QC request due to missing required input field CNU (citation number):

- *TransmissionHeader*QC.LNM/MOPPET.FNM/M.SID/6000656.CIC/T
- *ResponseHeader*TXT/0133 ERROR - INADEQUATE SEARCH CRITERIA PROVIDED FOR TRANSACTION: QC

4.3. SAMPLE CITATIONS INQUIRY (QC, QCP) RESPONSES

The five examples on the following pages demonstrate the presentation responses for the Citations Inquiry (QC) and the Citations Inquiry Person (QCP) transactions.

Most interface presentation-response “pages” are designed to almost exactly mirror a corresponding 24-line screen of APSIN. Each example includes only 22 lines of detail because the first two lines of the 24-line response are reserved for the PAT message header, the message key, and selected transaction mnemonics (see *1.1. Text responses to citation transactions* for the description of the text portion of each response message).

The examples are framed by scales (horizontal column count and vertical line count). The scales are not part of the actual interface responses.

4.3.1. Example 1 - QC or QCP Transaction - Single Traffic Citation response

These two “pages” represent the response to a successful QC traffic transaction. The same display would result on a QCP transaction where only one APSIN person satisfied the query, and that person had only one citation on file (except that “(QC)” on line two would be “(QCP)”).

“MORE... DISPOSTION DATA TO DISPLAY” on line one indicates that there is disposition information on a second page of the response. If there were no DMV or court disposition information there would be no second page of the response (such as in example 5).

The second page represents disposition information for the traffic citation record.

Input transaction fields:

- QC.CIC/T.CNU/K9500004

(QC or QCP Transaction - Single Traffic Citation Response p. 1 of 2)

```

1...+....1...+....2...+....3...+....4...+....5...+....6...+....7...+....
1 MORE... DISPOSTION DATA TO DISPLAY
2 APSIN INTERFACE (QC)                CITATION DISPLAY                08/31/06 16:24:28.1
3 CITATION NUM: K9500004                DATE OCCUR: 01 10 1995                TIME: 01:00
4 COURT DOC NUM:
5 PERSON NAME: MIRANDA ELIZABETH MOPPET III
6 FIRST MIDDLE LAST SUFF
7 AKA: MIRD T MOPPETTE IV
8 STREET/EXTRA LINE CITY/COUNTRY ST ZIP CODE
9 RES ADDR: TEST CASE RES LINE 1 BAFFIN ISLAND NT
10 TEST CASE RES LINE 2 CANADA HOME:( 907 ) 3335858
11 WORK: ( 907 ) 2614646 CELL:( 907 ) 3516464 MSG:( 907 ) 2614647
12 DOB: 02 02 1961 * RACE: A SEX: F HEIGHT: 5 02 WEIGHT: 174
13 APSIN ID: 6000656 ADL: 6000656
14 DMV ID: 6000656 DMV DOB: 02/04/1962 DMV SSN: 542-93-4518
15 LOCATION CITY: ANCHORAGE TEXT:
16 COURT DATE: TIME: OFFICER ID: KLM0
17 OFFENSE CODE: A21 CLS: T ARREST AGENCY: INFO PATROL ZONE: REQD
18 HWY WORK ZONE: W/P CODE: W/P DATE:
19 VEH WGHT CLASS:
20 COMMERCL VIOL: HAZMAT: OTHER STATE CDL:
21 OTR ST DL NUM: DL STATE:
22 OFFENSE DETAIL: HWY SAFTY ZONE:

```


(QC or QCP Transaction - Single Traffic Citation Response p. 2 of 2)

```

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 END OF CITATION DISPLAY
2 APSIN INTERFACE (QC)          CITATION DISPOSITION          08/31/06  16:24:29.0
3   PERSON NAME: MIRANDA ELIZABETH MOPPET III
4       AKA: MIRDI T MOPPETTE IV
5       DOB: 02/04/1962      RACE: A      SEX: F      HEIGHT: 5 02      WEIGHT:
6
7 CITATION NUMBER: K9500004  DATE OCCUR: 01/10/1997      TIME: 01:00
8       CLASS: T      ARREST AGENCY: INFO      OFFENSE: A21
9
10      CONV COURT: INFO      OFFENSE: A21__      CONV DATE: 07 07 1995
11      CONV JURIS: __      OFFENSE DETAIL: _____
12 COURT DOCKET NO: _____ TRIAL: _      DISPOSITION: C
13
14 SIS NUMBER DAYS: ____
15 CONDITION: _____
16
17 SENTENCE      AMOUNT      YEARS/DAYS      SENTENCE      AMOUNT      YEARS/DAYS
18   F_      00025.00      ____ ____      ____      ____      ____ ____
19   ____      ____      ____ ____      ____      ____      ____ ____
20   ____      ____      ____ ____      ____      ____      ____ ____
21   ____      ____      ____ ____      ____      ____      ____ ____
22   ____      ____      ____ ____      ____      ____      ____ ____

```

4.3.2. Example 2 - QCP Transaction – Multiple Person List response

These two pages represent the first and last response to a successful QCP transaction where multiple person records are found to match the provided search criteria. The first page includes only the first eight records, as indicated by the message on the first line: “ADDITIONAL PERSON RECORDS TO DISPLAY”. Additional responses are formatted until all records have been returned according to the SRT mnemonic, which is set to a default of eight records. The “S#” (sequence number) column values increment with each response item, representing the total number of records returned so far. For example, the response following the first response would list sequence numbers nine through 16. The sequence number is incremented accordingly until all records have been returned.

Input transaction fields to yield the first page only:

- QCP.LNM/MOPPET.FNM/M.CIC/T.SRT/9999

Input transaction fields for second page only:

- QCP.LNM/MOPPET.FNM/M.CIC/T.SRT/9

Input transaction fields to cause all pages to be returned in one transaction:

- QCP.LNM/MOPPET.FNM/M.CIC/T.SRT/9999

(QCP Transaction – Multiple Person List Response p. 1 of 2)

```

1...5....1....5....2....5....3....5....4....5....5....5....6....5....7....5....
1 ADDITIONAL PERSON RECORDS TO DISPLAY
2 APSIN INTERFACE (QCP)          MULTIPLE PERSON SELECTION          08/29/06  16:42:20.2
3
4 S#    FULL NAME/                DOB/      SOC SEC NUM S R HGT  WGT  ID NUM
5     RES ADDR: STREET            CITY                      ADDR CHG DATE
6
7 1    MIRANDA ELIZABETH MOPPET III 02/04/62 542-93-4518 F A 5 02 174 6000656 W
8      TEST CASE RES LINE 1      BAFFIN ISLAND          08/17/2006
9 2    MANDY MOPPET                01/22/65 574-58-5959 F  5 05 140 6280589
10     3611 REFLECTION            ANCHORAGE              02/18/1999
11 3 *  MIRANDA MOPPET              04/24/87                F W          6280779
12     4005 AIRPORT ROAD          FAIRBANKS              11/14/2002
13 4    MIRANDA MOPPET              01/01/50                F  5 09 160 6280780
14     3847                        ANCHORAGE              03/03/2003
15 5 *  MIRANDA MOPPET              05/24/60                F W          6280869 C
16     9022 GLACIER HWY           JUNEAU                 05/30/2002
17 6 *  MIRANDA MOPPET              03/01/55                F W          6283405 @
18
19 7 *  MIRANDA MOPPET              02/04/62                F          6284340
20
21 8 *  R MOPPET                    04/04/45                M  5 10 177 6273287 W

```

(QCP Transaction – Multiple Person List Response p. 2 of 2)

1...5...1...5...2...5...3...5...4...5...5...5...6...5...7...5...
1 END OF PERSON DISPLAY
2 APSIN INTERFACE (QCP) MULTIPLE PERSON SELECTION 08/29/06 16:46:55.7
3
4 S# FULL NAME/ DOB/ SOC SEC NUM S R HGT WGT ID NUM
5 RES ADDR: STREET CITY ADDR CHG DATE
6
7 9 * THOMAS MOPPET 02/02/44 M 6276791
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

4.3.3. Example 3 - QCP Transaction – Multiple Traffic Citation List response

Input transaction fields:

- QCP.CIC/T.LNM/MOPPET.FNM/M.SID/6000656

These two pages represent the response to a successful QCP transaction where multiple traffic citations exist for an individual person record. Each page includes up to 11 records; all pages before the last page display the message on the first line: “ADDITIONAL CITATIONS TO DISPLAY”.

The multiple citation list response returns pages until all citations have been listed. (This is unlike the multiple person list response in which the SRT and SRS mnemonics can be used to control which record to start with and how many records to return. See example 2.) The “S#” (sequence number) column values increment with each response item, representing the total number of records returned so far.

(QCP Transaction – Multiple Traffic Citation List Response p. 1 of 2)

```

1...5....1....5....2....5....3....5....4....5....5....5....6....5....7....5....
1 ADDITIONAL CITATIONS TO DISPLAY
2 APSIN INTERFACE (QCP)      MULTIPLE CITATIONS SELECTION    08/29/06    17:13:03.7
3
4     PERSON NAME: MIRANDA ELIZABETH MOPPET III
5           AKA: MIRDY T MOPPETTE IV
6           APSIN ID: 6000656                                SEX: F
7           (MORE) DOB: 02/04/1962                          (MORE) SSN: 542-93-4518
8
9 S# CITATION  CITATION OFFNS AGCY  CONV  SUSP  SUSP
10  NUMBER    DATE    CODE  ID    DATE   COURT  FINE  FINE  JAIL  JAIL
11
12 1 K-910004d 12/12/94 S41   INFO
13 2 K9502011 12/12/95 S22   INFO
14 3 A1232343 07/17/96 S12   ANCE
15 4 K9000073 02/23/99 A11   INFO
16 5 K9090071 05/04/99 S33   INFO
17 6 K9200052 08/08/99 S33   INFO
18 7 A0012345 10/08/01 B72   INFO
19 8 K9300241 04/25/05 A20   INFO
20 9 K9000052 10/01/05 S15   ANCE
21 10 K9400065 10/10/05 S33   INFO
22 11 KLM92002d 11/09/05 A20   INFO

```

(QCP Transaction – Multiple Citation List Response p. 2 of 2)

1...5...1...5...2...5...3...5...4...5...5...5...6...5...7...5...

1 END OF CITATION DISPLAY

2 APSIN INTERFACE (QCP) MULTIPLE CITATIONS SELECTION 08/29/06 17:13:03.7

3

4 PERSON NAME: MIRANDA ELIZABETH MOPPET III

5 AKA: MIRDY T MOPPETTE IV

6 APSIN ID: 6000656 SEX: F

7 (MORE) DOB: 02/04/1962 (MORE) SSN: 542-93-4518

8

9 S#	CITATION	CITATION	OFFNS	AGCY	CONV		SUSP		SUSP
10	NUMBER	DATE	CODE	ID	DATE	COURT	FINE	FINE	JAIL
11									
12 34	A1023456	09/01/97	E05	ANC	12/01/05	INFO	50		
13 35	K9200063	11/01/92	A20	INFO	12/25/05	INFO	20		
14 36		04/18/06	DT1	INFO	04/18/06				
15 37		05/11/06	DT2	INFO	05/11/06				
16 38	A0678787	05/01/05	A20	INFO	06/01/06	INFO	100		
17 39	A0619191	05/02/06	S27	INFO	06/01/06	INFO	200	100	
18									
19									
20									
21									
22									

4.3.4. Example 4 - QC or QCP Transaction - Single non-Traffic Citation response

This page represents the response to a successful QC non-traffic transaction. The same display would result on a QCP transaction where only one APSIN person satisfied the query, and that person had only one citation on file (except that “(QC)” on line two would be “(QCP)”).

This citation is a pending citation with no court disposition data, so there is no second disposition page as in the QC Traffic Citation example above (Example 1). Hence the message on line one is “END OF CITATION DISPLAY”.

Input transaction fields:

- QC.CIC/P.CNU/K9090909

(QC or QCP Transaction - Single non-Traffic Citation Response)

```

1...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
1 END OF CITATION DISPLAY
2 APSIN INTERFACE (QC)          CITATION DISPLAY          09/01/06 15:26:30.1
3 CITATION NUM: K9090909      DATE OCCUR: 10 20 1999      TIME: 12:00
4 COURT DOC NUM: _____
5 PERSON NAME: MIRANDA ELIZABETH MOPPET III
6 FIRST MIDDLE LAST SUFF
7 AKA: MIRD T MOPPETTE IV
8 STREET/EXTRA LINE CITY/COUNTRY ST ZIP CODE
9 RES ADDR: TEST CASE RES LINE 1 BAFFIN ISLAND NT
10 TEST CASE RES LINE 2 CANADA HOME: ( 907 ) 3335858
11 WORK: ( 907 ) 2614646 CELL: ( 907 ) 3516464 MSG: ( 907 ) 2614647
12 DOB: 02 02 1961 * RACE: A SEX: F HEIGHT: 5 02 WEIGHT: 174
13 APSIN ID: 6000656 ADL:
14 DMV ID: DMV DOB: 02/04/1962 DMV SSN: 542-93-4518
15 LOCATION CITY: DILLINGHAM TEXT:
16 COURT DATE: TIME: OFFICER ID: KLM0
17 OFFENSE CODE: DOG CLS: P ARREST AGENCY: DIL PATROL ZONE:
18 HWY WORK ZONE: W/P CODE: W/P DATE:
19 VEH WGT CLASS:
20 COMMERCL VIOL: HAZMAT: OTHER STATE CDL:
21 OTR ST DL NUM: DL STATE:
22 OFFENSE DETAIL: HWY SAFTY ZONE:

```

4.3.5. Example 5 - QCP Transaction – Multiple non-Traffic Citation List response

This page represents a multiple citation record response for a query transaction requesting non-traffic citations. The same display would result on a QCP transaction where only one APSIN person satisfied the query, and that person had only one citation on file (except that “(QC)” on line two would be “(QCP)”).

Input transaction fields:

- QCP.CIC/P.LNM/MOPPET.FNM/M.SID/6000656

(QC or QCP Transaction - Multiple non-Traffic Citation Response)

```

1...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....
1 END OF CITATION DISPLAY
2 APSIN INTERFACE (QCP)      MULTIPLE CITATIONS SELECTION    09/01/06    15:15:53.1
3
4     PERSON NAME: MIRANDA ELIZABETH MOPPET III
5         AKA: MIRDY T MOPPETTE IV
6         APSIN ID: 6000656                                SEX: F
7         (MORE) DOB: 02/04/1962                            (MORE) SSN: 542-93-4518
8
9
10 S# CITATION  CITATION OFFNS AGCY  CONV  SUSP  SUSP
11    NUMBER    DATE    CODE   ID    DATE   COURT  FINE  FINE  JAIL  JAIL
12
13 1 K9090909  10/20/99 DOG    DIL
14 2 A0907310  10/20/02 ZZZ    ANC
15 3 P9200012  01/12/06 AVM    INFO
16 4 K9300009  02/02/93 PRK    INFO 02/12/93  DAN    50
17
18
19
20
21
22

```

VII. COURT ORDERS (WANT/WARRANT)

The following chart summarizes the transactions covered in this chapter.

Message		(Update, Query, No Access)		
<u>Key</u>	<u>Action</u>	<u>APSIN</u>	<u>NCIC</u>	<u>Comment</u>
EOR	Enter court order	U	U	
MOR	Modify court order	U	U	
COR	Clear court order	U	U	
XOR	Cancel court order	U	U	

1. COURT ORDER (Want/Warrant) TRANSACTIONS

“Court Order” interface transaction messages are used to store in APSIN information about law enforcement notifications related to:

1. Court-order documents: *Warrant*, *Parole*, and *Conditions of Release*
2. Notifications that are not court-related: *Missing Person* and *Locate*.

The APSIN on-line **AST Sub Menu** items pertaining to these notifications are Add Want/Warrant and Maintain Want/Warrant. For consistency with APSIN terminology, this document uses the term “**want/warrant**” to refer to all of the following types of documents:

Warrant:

- M - Misdemeanor
- T - Wanted Person Temporary Felon
- TC – Temporary Felony – Caution
- W – Felony
- WC – Felony Use Caution
- WJ – Wanted Juvenile

Parole:

- P – Probation/Parole
- PC – Parole – Use Caution

Conditions of Release:

- CR – Conditions of Release

Missing Person:

- MD – Missing Person – Disability
- MDC – Missing – Disability – Caution
- ME – Missing Person – Endanger
- MEC – Missing – Endanger – Caution
- MI – Missing Person – Involuntary
- MIC – Missing Involuntary – Caution
- MJ – Missing Person – Juvenile
- MJC – Missing Juvenile – Caution
- MO – Missing Person – Other
- MOC – Missing Person – Other – Caution
- MV – Missing Person - Catastrophe Victim

- MVC – Missing Person – Catastrophe Victim – Caution

Locate:

- L – Locate
- LD – Locate DWLS/DWLR Advisement
DWLS/R = Driving while license suspended/revoked
- LO – Locate Only – No Contact
- LS – Locate Stop and F.I.
F.I. = Field interrogate

Transactions are not posted to the database until they have successfully passed a rigorous validation routine. This includes ensuring that mandatory fields are transmitted. If mandatory fields are missing or invalid then the transaction is rejected and no data is posted to APSIN. When non-mandatory fields are invalid, only the fields in error are not posted. As validation errors occur, descriptive error messages are sent to the originating agency, informing you of the exact problem.

The details of which matching information is mandatory or optional, and how that information is used, are described in the context of the specific transactions in sections that follow.

- **EOR Enter Court Order:** Create a want/warrant record in the APSIN database.
- **MOR Modify Court Order:** Modify an existing want/warrant record in the APSIN database. The record being modified might have been created by an EOR transaction or by direct on-line data entry in APSIN.
- **COR Clear Court Order:** Clear a want/warrant record from the APSIN database. This transaction is used when the Court Order expires. However, it remains as part of the NCIC history file.
- **XOR Cancel Court Order:** Cancel (delete) a want/warrant record from the APSIN database. This transaction is used when a mistake was made in adding the Court Order. All traces of the Court Order are removed including its record in NCIC. The use of an XOR is rare.
- **QPB Query Basic Person:** Displays basic person demographics data plus Want/Warrant information. See III. PERSON TRANSACTIONS QPB for transaction information

1.1. Person identification and matching

Unique Identification. To add, modify, cancel or clear a want/warrant you must uniquely identify the person (offender, missing person, etc.) associated to the want/warrant. The person must already exist in the APSIN database and have an assigned APSIN ID. All individuals currently holding an ADL Alaska Driver License are in APSIN. Therefore, the ADL may also be used to uniquely identify an individual within the database.

Unknown Identification. If it is unknown if the person exists in APSIN, a QPB Query Basic Person transaction is used to identify the person and obtain their assigned APSIN ID. The

assigned APSIN ID is then used in executing the Want/Warrant transaction. See III. PERSON TRANSACTIONS for QPB transaction information

Not found Identification. If the person is not found in APSIN, the person will need to be added to APSIN *BEFORE* a Want/Warrant can be entered for them. An EPD Enter Person Demographics transaction is used to add the person. The returned EPD APSIN ID value is then used to execute the EOR transaction. See III. PERSON TRANSACTIONS for EPD transaction information

Arrest Tracking Number (ATN). An Arrest Tracking Number may be assigned to an individual for a specific warrant. If a person has multiple Want/Warrants a different ATN number will be assigned to *EACH* Want/Warrant. ATNs are not assigned to all Court Order like a Missing Persons or Locate.

If the Want/Warrant *EXISTS* in APSIN and the action is to modify, clear or cancel the warrant, the ATN may be used to uniquely identify the specific warrant for a given person.

Court Case Numbers (JCA). If the warrant *EXISTS* in APSIN and the action is to modify, clear or cancel the warrant, a JCA may be used to uniquely identify the person by identifying the specific Court Case assigned to them.

Person Validation. In order to prevent updating incorrect information, all transactions require person validation. The last name and first initial *MUST* be sent in any Want/Warrant transaction along with any of the above unique person identifiers.

When a new Want/Warrant is created using the APSIN ID or ADL, the last name and first initial are used to validate the correct ASPIN ID or ADL was sent with the EOR transaction. If this match fails, the transaction will be rejected. This prevents the Want/Warrant from being *ADDED* to the wrong person.

If an existing Want/Warrant is identified by an ATN or JCA, the last name and first initial verify the correct Want/Warrant was located for that person. If this match fails, the transaction will be rejected. This prevents Want/Warrant information for the wrong person from being *UPDATED*.

This section describes the matching process when you send a modify (MOR), clear (COR), or cancel (XOR) transaction for a non-Warrant record that already exists in APSIN. The want/warrant record would have been created by data entry directly into on-line APSIN or by way of an interface EOR transaction.

1. **Find APSIN Person using APSIN Unique ID (SID) or Alaska Driver License (ADL).** Either SID or ADL are required or the transaction will be rejected. The SID and/or ADL are used to find the person record to associate to the new want/warrant record being created. If either supplied field does not find an existing APSIN person, the transaction is rejected.
2. **Validate Name (NAM).** Confirm the match by comparing the person last name and first initial. If this match is successful, the matching process is complete.

1.2. Match existing Warrant

This section describes the matching process when you send a modify (MOR), clear (COR), or cancel (XOR) transaction for a Warrant record that already exists in APSIN. The want/warrant

record would have been created by data entry directly into on-line APSIN or by way of an interface EOR transaction.

1. **Match Arrest Tracking Number (TRN).** The ATN is used to find the APSIN court record and its associated Person record.
2. **Match Court Docket Number (JCA).** If the ATN did not match an APSIN court record, then the JCA from the transaction is used to find an APSIN court record.
3. **Validate APSIN Unique ID (SID) or Alaska Driver License (ADL).** If SID and/or ADL are supplied on the transaction, they are validated against the person record found by the ATN or JCA match. If either supplied field does not match (or if neither field was supplied), the transaction is rejected.
4. **Validate Name (NAM).** If step 3 was successful, confirm the match by comparing the person last name and first initial.

1.3. Text responses to want/warrant transactions

All responses from the interface Want/warrant transactions contain a message header, details of the original request, and a text message that characterizes the outcome of the transaction, as follows.

1. The message header: 61 bytes if LU6.2 client, 84 bytes if TCP/IP client. The last twenty bytes of the header are the same for both LU6.2 and TCP/IP clients:
 - Three-byte message number
 - Two-byte message level (00 for successful transaction, non-zero for varying levels of error)
 - Date of the response (mmddyyyy format)
 - Time of the response (hhmmss format)
2. One space
3. The following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:
 - Message Key (MKE)
 - Arrest tracking number (TRN)
 - State identification number (SID) (APSIN Person ID)
 - Unique charge number (UCN)
 - Court case number (JCA)
 - Court order or document number (DNO)
 - Requesting agency case number (RCN)
 - Person full name (NAM)
4. The mnemonic "TXT/"
5. The system's response message indicating disposition of the transaction:
 - success of the transaction

- failure of the transaction
- error or informational message

Each of the following sections includes examples of successful and unsuccessful requests and responses.

- Sample transaction *requests*: item 1 (transaction header) is represented as “**TransmissionHeader**”.
- Sample transaction *responses*: items 1 through 5 above are represented by “**ResponseHeader**”.

Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			Y	The PAT transmission header is included on all requests and responses.
1	MKE	A 3	Message key		Y		EOR - Enter court order MOR - Modify court order COR - Clear court order XOR - Cancel court order

2	DST	A 3	Court order or document subtype		Y	<p>Required for all transactions. Document subtype must be one of the following values from table 98 CO-STYPE.</p> <p>Warrant: M - MISDEMEANOR T - WANTED PERSON TEMPORARY FELONY TC - TEMPORARY FELONY - CAUTION W - FELONY WC - FELONY USE CAUTION WJ - WANTED JUVENILE</p> <p>Parole: P - PROBATION/PAROLE PC - PAROLE - USE CAUTION</p> <p>Conditions of Release: CR - CONDITIONS OF RELEASE</p> <p>Missing Persons: MD - MISSING PERSON - DISABILITY MDC - MISSING - DISABILITY - CAUTION ME - MISSING PERSON - ENDANGER MEC - MISSING - ENDANGER - CAUTION MI - MISSING PERSON - INVOLUNTARY MIC - MISSING INVOLUNTARY - CAUTION MJ - MISSING PERSON - JUVENILE MJC - MISSING JUVENILE - CAUTION MO - MISSING PERSONS - OTHER MOC - MISSING PERSONS-OTHER CAUTION MV - M/P CATASTROPHE VICTIM MVC - M/P CATASTROPHE VICTIM CAUTION</p> <p>Locate: L - LOCATE LD - LOCATE DWLS/DWLR ADVISEMENT LO - LOCATE ONLY - NO CONTACT LS - LOCATE STOP & F.I.</p> <p>If the Document subtype is WJ, MJ or MJC, the person must be under age 21.</p> <p>See MNP for when a missing person must be under age 21 for other DST values.</p>
3	TRN	N 9	ATN (Alaska arrest tracking number)	Arrest tracking number uniquely identifies the arrest associated with the charge and is used to	Y*	<p>Prohibited if not processing a Warrant (see DST).</p>

Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
				locate an existing record in the APSIN database.			If processing a Warrant that is not for a collateral offense, a valid Arrest tracking number is required. Once recorded, the ATN cannot be deleted.
4	SID	N 7	State identification number	Alaska state ID number for person; the APSIN ID.	Y*		<p>If APSIN ID is provided, it must match the APSIN Person record found using other matching criteria (Court case number (JCA) or Arrest tracking number (TRN)).</p> <p>When matching an existing want/warrant, SID or ADL are required if matching is not successful using TRN and JVA.</p>
5	ADL	N 7	Alaska drivers license number	ADL is generated by Division of Motor Vehicles. ADL can be used to locate a person record in the APSIN database.	Y*		<p>If Alaska driver license is provided, it must match the APSIN Person record found using other matching criteria (Court case number (JCA) or Arrest tracking number (TRN)).</p> <p>When matching an existing want/warrant, SID or ADL are required if matching is not successful using TRN and JVA.</p>
6	NAM	A 25 A 15 A 15 A 4	Person full name	Sometimes "last, first middle suffix" Sometimes "first middle last suffix"	Y*	Y	<p>First name and Last name are required for all transactions.</p> <p>The format is detailed in NCIC 2000 Code Manual "Personal Descriptors" SECTION 2-NAME FIELDS. The data must be formatted as "Last,^First^Middle^Suffix", where the ^ character represents a space. The field terminator or period can appear after the first name if the middle name and suffix are not transmitted. Last name should not exceed 25 characters in length. First and middle names should not exceed 15 characters in length. The suffix cannot be larger than four characters.</p>
7	SOC	N 9	Social security number		Y*		Two of these three fields must be present for matching purposes: SOC, DOB, SEX

Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
8	DOB	N 8	Person date of birth		Y*	Y	Two of these three fields must be present for matching purposes: SOC, DOB, SEX For NCIC, DOB is required if either: 1. Document subtype (DST) is for a juvenile (missing or wanted juvenile) 2. Missing person code (MNP) is CA, and the DST is ME (missing person - endanger) or MI (missing person - involuntary)
9	SEX	A 1	Person sex		Y*	Y	Two of these three fields must be present for matching purposes: SOC, DOB, SEX
10	CIT	A 30	Statute citation for offense	State statute or regulation or municipal ordinance citation	Y*		If processing a Warrant (see DST): - Citation is required. - The Citation is validated against the Uniform Offense Citation table (UOCT). Several other items in this table reference their relationship to the UOCT. If CIT is included on a Modify (MOR) transaction, all of the following fields should be included (even if they are not changing); otherwise their values will be erased from the existing record: SED, MDA, MDS, MDC, MDG
11	SED	N 8	Offense citation effective beginning date		Y*		Either SED or DOO are required when processing a Warrant. For MOR transaction, see CIT comments.
12	MDA	A 1	Attempted charge modifier				Must be Y if present. UOCT validation (see CIT) determines if Y is permitted. For MOR transaction, see CIT comments.
13	MDS	A 1	Solicited charge modifier				Must be Y if present. UOCT validation (see CIT) determines if Y is permitted. For MOR transaction, see CIT comments.

Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
14	MDC	A 1	Conspiracy charge modifier				Must be Y if present. UOCT validation (see CIT) determines if Y is permitted. For MOR transaction, see CIT comments.
15	MDG	A 1	Gang charge modifier				Must be Y if present. UOCT validation (see CIT) determines if Y is permitted. For MOR transaction, see CIT comments.
16	DOO	N 8	Date of offense, or beginning date for range of of		Y*		Either DOO or SED are required when processing a Warrant.
17	DEO	N 8	End date for a range of offense dates				
18	JCA	A 14	Court case number	Court case number associated with a charge.	Y*		Required if processing a Warrant (see DST). If provided for Missing or Locate transactions (see DST), it will be ignored and not be stored in the database.
19	PRA	A 1	Prosecution authority (S, B, M, C)	S = State B = Borough M = Municipality C = City	Y*		Required if processing a Warrant (see DST). Value must be: - S (State) - B (Borough) - M (Municipality) - C (City) If provided for Missing or Locate transactions (see DST), it will be ignored and not be stored in the database.
20	AGI	A 4	Agency ID	Issuing or arresting agency ID		Y	Validated against the Company file.
21	COM	A 60, up to 15 occurs	Comments	Free-form comments		Y*	For NCIC, when DST has caution indicator (3rd character is C), COM is required.

Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
22	DNO	A 14	Court order or document number		Y		Required for all transactions. Can be court order number or case number.
23	RID	A 4	Requesting agency ID		Y	Y*	Required for all transactions. Validated against the Company file. For NCIC, RID is used to validate ORI in the APSIN Company file (but it is not sent to NCIC).
24	RAD	A 4	Receiving agency ID		Y*		If processing a Warrant (see DST), Receiving agency ID is required and must be found in the Company file.
25	RCN	A 9	Requesting agency case number				
26	EXD	N 8	Expiration date		Y*		If processing a Parole (see DST), Expiration date is required and must be in the future.
27	EXI	A 1	Extradition indicator		Y*		If processing a Warrant (see DST), Extradition indicator is required and must be one of the following values from table 227 OF-EXTR: 1 - FULL EXTRADITION 2 - LIMITED EXTRADITION 3 - EXTRAD - SURROUND STATES ONLY 4 - NO EXTRADITION 5 - PENDING EXTRADITION
28	STS	A 2	Document status				Document status should be a valid value from table 28 CO-ACTN (below). If left blank, a status of PR is automatically assigned. CA - CANCELLED CL - CLOSED PR - PREPARED RT - RETURNED SR - SERVED

Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
29	STD	N 8	Document status date		Y		Required for all transactions.
30	STT	N 4	Document status time				Format HHMM.
31	BRC	A 60	Bail or release conditions	Non-monetary conditions			
32	BAM	N 11	Bail amount				Prohibited for Missing Persons transactions (see DST). Decimal place is implied (the last two digits represent cents).
33	LOR	A 60, up to 15 occurs.	Locate reason		Y*		Required if processing a Locate (see DST).
34	CRS	A 1, up to 10 occurs.	Person temperament code				Validated against table 22 PE-TEMP.
35	OFF	A 5	NCIC offense code		Y*	Y*	If processing a Locate (see DST), Offense code is required and is validated against table 32 OF-VIOL. If the Offense code is 9592 (DNA REG/SAMPLE TAKE), Document subtype (DST) must be one of the Locate subtypes. For NCIC, Offense code is required on entry transaction except for Missing Persons (see DST).
36	DOE	N 8	Person date of emancipation			Y*	If Document subtype (DST) is J or JC, DOE is required for NCIC. If DST is W or WC, DOE is prohibited for NCIC. If DST is J or JC, DOE is required for NCIC.

Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
37	MNP	A 3	Missing person code			Y*	<p>MNP is required to send a missing person message to NCIC. Must be CA (child abducted), AA (Amber Alert), DV (disaster victim), or MP (missing person).</p> <p>- When CA or AA: DST must be ME, MEC, MI or MIC and age must be under 21</p> <p>- When MP: DST must be MD, MDC, ME, MEC, MI, MIC, MJ, MJC, MO or MOC (and age must be under 21 for MJ and MJC)</p> <p>- When DV: DST must be MV or MVC</p>
38	CMC	A 2, up to 10 occurs	Caution and medical conditions			Y*	<p>Validated against Table 348 CO-CAUTN. Only the first occurrence is sent to NCIC.</p> <p>Must be present for DST warrant values TC or WC, and for DST missing-person values MDC, MEC, MIC, MJC, MOC and MVC</p>
39	MPC	A 1	Missing person circumstances				<p>Appropriate values are found in table 349 CO-MPCIR:</p> <p>N - Abducted by a non-custodial parent</p> <p>R - Runaway</p> <p>S - Abducted by a stranger</p>

Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
40	LIC	A 10	License plate number		Y*		<p>Both LIC and LIS are required to create or delete a vehicle link, whether for an Alaskan or non-Alaskan vehicle. When changing a warrant/vehicle link, the vehicle must be identified by either the LIC/LIS combination or VIN.</p> <p>For an Alaskan vehicle, data will be copied into the APSIN vehicle link from the DMV database.</p> <p>To erase a vehicle link (which includes LIS, LIT and VST), send the string "LIC/." The LIC or LIS values may be modified to change an existing vehicle link.</p> <p>Once a warrant/vehicle link is saved, LIC cannot be modified for either an Alaskan vehicle or non-Alaskan vehicle.</p>
41	LIS	A 2	License plate state		Y*		<p>Both LIC and LIS are required to create or delete a vehicle link, whether for an Alaskan or non-Alaskan vehicle. When changing a warrant/vehicle link, the vehicle must be identified by either the LIC/LIS combination or VIN.</p> <p>For an Alaskan vehicle, data will be copied into the APSIN vehicle link from the DMV database.</p> <p>The individual elements LIS, LIT and VST cannot be erased.</p>

Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
42	LIT	A 2	License plate type		Y*	Y*	License type is required by NCIC for a linked vehicle. The individual elements LIS, LIT and VST cannot be erased. Cannot be modified for an Alaskan vehicle; may be modified for a non-Alaskan vehicle.
43	LIY	N 4	License plate year of expiration			Y*	For NCIC, if linked vehicle is a plane (make is AERO), its license expiration must be NX.
44	VMA	A 6	Vehicle make				Cannot be modified for an Alaskan vehicle; may be modified for a non-Alaskan vehicle. Validated against table 101 PR-MKMO.
45	VMO	A 20	Vehicle model				Cannot be modified for an Alaskan vehicle; may be modified for a non-Alaskan vehicle. Validated against table 101 PR-MKMO.
46	VYR	N 4	Vehicle year			Y*	Cannot be modified for an Alaskan vehicle; may be modified for a non-Alaskan vehicle.
47	VCO	A 3, up to two occurs.	Vehicle color				Cannot be modified for an Alaskan vehicle; may be modified for a non-Alaskan vehicle. Validated against table 42 PR-COLOR.
48	VST	A 2	Vehicle style				The individual elements LIS, LIT and VST cannot be erased. Cannot be modified for an Alaskan vehicle; may be modified for a non-Alaskan vehicle. Validated against table 107 PRV-EDIT,

Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR

Seq	Element	Format	Name	Descr	Req APSIN	Req NCIC	Comments
49	VIN	A 21	Vehicle identification number				When changing a warrant/vehicle link, the vehicle must be identified by either VIN or the LIC/LIS combination. Cannot be modified for either Alaskan or non-Alaskan vehicle.
50	APS	A 1	APSIN / NCIC indicator	A or blank = process against APSIN only B = process against APSIN and NCIC			
51	ORI	A 9	Originating agency identifier			Y	
52	NIC	A 10	NCIC number	Unique ID assigned to an entity (person, property, etc.) by the NCIC system		Y*	NCIC number is required on XOR transactions, and is prohibited on EOR transactions.
53	OOC	A 4	Original offense code		Y*	Y*	If processing a Warrant (see DST): - Original offense code is required if the Offense code (OFF) is found in table 347 OF-ORIG, which lists which OFF values must be accompanied by OOC values for transmission to NCIC. - If Original offense code is present, it is validated against the Uniform Offense Citation table (UOCT). Several other items in this table reference their relationship to the UOCT.
54	LKI	A 9	Linkage agency identifier				
55	LKA	A 20	Linkage case number				
56	NOA	A 1	Notify originating agency				

2. ENTER WANT/WARRANT INTO APSIN (EOR)

When a want/warrant is added to NCIC using the EOR transaction, the want/warrant's NCIC number is returned to (and stored within) APSIN, and is forwarded by APSIN to the requesting agency.

See *Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR* for descriptions of validation requirements for all of the individual message fields for the court-order update transactions.

The following input fields are required (and must be valid) to enter a want/warrant into APSIN (there is discussion of NCIC requirements in *Section 4*). In some cases a field is required or prohibited for certain types of want/warrants, as noted:

- Court order or document subtype (DST) – listed in APSIN table 98 CO-STYPE
- Unique person identifying data; either:
 - Person's APSIN ID (SID)
 - Person's Alaska driver license (ADL)
- Person demographic identifying data:
 - Person full name (NAM) minimally consisting of last name and first initial
 - Two of the following three:
 - Social Security Number (SOC)
 - Person date of birth (DOB)
 - Person sex (SEX)
- Court order or document number (DNO)
- Requesting agency ID (RID)
- Document status date (STD)

Additional fields required for a **Locate** (DST values of L, LD, LO, LS):

- Locate reason (LOR)
- Offense code (OFF)

Additional fields required for a **Parole** (DST values of P, PC):

- Expiration date (EXD) – required only for a Parole

Additional fields required for a **Warrant** (DST values of M, T, TC, W, WC, WJ):

- Arrest tracking number (TRN) – Permitted on warrants only; required if the warrant is not for a collateral offense
- Statute citation for offense (CIT)
- Offense citation effective beginning date (SED) – either SED or DOO are required for a Warrant
- Date of offense (DOO) – either DOO or SED are required for a Warrant

- Court case number (JCA), also known as Court docket number
- Prosecution authority (PRA)
- Receiving agency ID (RAD)
- Extradition indicator (EXI)
- Original offense code (OOC) – required if the Offense code (OFF) associated to the CIT value is found in APSIN table 347 OF-ORIG

A vehicle may be associated to any type of want/warrant record. If the vehicle is an Alaska registered vehicle, the primary vehicle data will be copied from DMV's ALVIN database into the APSIN database. Whether the vehicle is Alaskan or not, the fields required to establish a Vehicle Link are:

- License plate number (LIC)
- License plate state (LIS)

2.1. Error and notification responses from EOR transactions

Error responses are sent when a want/warrant cannot be stored in APSIN for any of dozens of specific reasons. Review **Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR** for details of the validation requirements that, if not met, may result in the rejection of a transaction. Examples of reasons an EOR transaction might be rejected include:

- Invalid Document subtype (DST)
- Missing mandatory field(s)
- Cannot find a matching Person record in APSIN
- The Person matching the transaction identifying data is not the person associated to a Warrant by the ATN (TRN) or Court case number (JCA)
- Attempting to add a Warrant (using ATN or JCA) that is already recorded in APSIN
- A required agency ID (RID or RAD) is not on the APSIN Company file

There are dozens of possible detailed error messages you may receive due to validation errors that do not prevent processing the transaction. In these cases the field in error is not critical, and is skipped for processing while the valid data on the transaction is successfully processed.

There are various notification messages that may inform you of conditions of interest, for example:

- The transaction was processed successfully
- Whether or not the result of person matching included positive ID (fingerprints of the person are on file)
- Whether a Person record was matched using either the ADL or SID
- Whether a vehicle link was created for the want/warrant record

2.2. Enter Want/Warrant (EOR) sample requests and responses

Successful request and response for adding a want/warrant for a Warrant, where there is one [non-critical] validation error and an NCIC message was successfully sent:

- **TransmissionHeader**EOR.TRN/432112347.SID/6284834.NAM/GLAGLY,GUG.DOB/06061956.SEX/M.AGI/INFO.DST/W.CIT/AS11.51.140(A)(2).MDA/Y.MDC/Y.DOO/05012007.JCA/3AN-07-34567DC.PRA/S.AGI/INFO.COM/SUSPECT USED FALSE ID TO GET MARRIAGE LICENSE.DNO/3AN-07-34567DC.RID/INFO.RAD/INFO.EXI/4.STD/05202007.LIC/5432CJ.LIS/AK.APS/B.ORI/AKAST0102
- **ResponseHeader**TXT/014**VALIDATION ERROR** INVALID FIELD FOUND IN THE TRANSACTION AND NOT POSTED TO APSIN. FIELD NAME AND INVALID DATA ARE: CONSPIRACY CHG MODIFIER / Y
- **ResponseHeader**TXT/029***TRANSACTION PROCESSED SUCCESSFULLY***
 TL01AJN012809500095 <===== From here down is from NCIC
 AKAST0102
 NAM/GLAGLY, BUCK NIC/W400004252
 OCA/3AN-07-34567DC
 ** TEST** THIS RESPONSE IS FROM THE NCIC TEST SYSTEM.

WARNING - THE FOLLOWING STOLEN VEHICLE RECORD CONTAINS EXPIRED LICENSE PLATE

DATA. USE CAUTION, CONTACT ENTERING AGENCY TO CONFIRM STATUS.

MKE/STOLEN VEHICLE

ORI/AKAST0102 LIC/4523CJ LIS/AK LIY/2001 LIT/PC

VIN/ITTY2138790K VYR/1995

VMA/T0YT VMO/F0R VST/PK VCO/GRN DOT/20040825

OCA/TESTM0K04

MIS/TEST

NIC/V061008700 DTE/20040825 2001 EDT

ORI IS AK DPS ALASKA STATE TROOPERS 907 352-5401

** TEST** THIS RESPONSE IS FROM THE NCIC TEST SYSTEM.

Unsuccessful request and response for adding a want/warrant where mandatory fields are missing from a Warrant EOR transaction:

- **TransmissionHeader**EOR.TRN/432112345.SID/6284834.NAM/G,LAGLY,GUG.DOB/06061956.AGI/INFO.DST/W.CIT/AS11.51.140(A)(2).MDA/Y.DOO/050120,07.AGI/INFO.COM/SUSPECT USED FALSE ID TO GET MARRIAGE LICENSE.DNO/3AN-07-345,67DC.RID/INFO.RAD/INFO.EXI/4.STD/05202007.LIC/5432CJ.LIS/AK.APS/B
- **ResponseHeader**TXT/019**TRANSACTION REJECTED** A MANDATORY TRANSACTION FIELD IS MISSING OR INVALID. FIELD NAME AND INVALID DATA ARE: COURT CASE NUMBER /
- **ResponseHeader**TXT/019**TRANSACTION REJECTED** A MANDATORY TRANSACTION FIELD IS MISSING OR INVALID. FIELD NAME AND INVALID DATA ARE: YOU MUST TRANSMIT AT LEAST TWO OF FOLLOWING THREE FIELDS: DOB, SSN, AND SEX, TO IDENTIFY THE PERSON IN APSIN

3. **WANT/WARRANT MODIFY (MOR), CANCEL (XOR), AND CLEAR (COR) TRANSACTIONS**

Modification transactions are used to add or change information about a want/warrant, or to delete the want/warrant from the system. For descriptions of validation requirements for all of the individual message fields for the want/warrant update transactions, see **Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR**.

The fields required to identify the want/warrant being modified or deleted, and match it to the correct Person record, are the same as for the EOR transaction (Section 2).

Most fields can be modified including most key identifying fields except:

- Person APSIN unique ID (SID)
- Person Alaska driver license (ADL)
- Demographic information about the Person to whom the want/warrant is associated (NAM, SEX, SOC, DOB). This information can be changed using the MPD Modify Person Demographics transaction or directly in on-line APSIN.

Response messages are of the same types as are described in Section 2.1 for the EOR transaction:

- Error responses are sent when the want/warrant cannot be updated.
- Validation-error responses are sent when the want/warrant is successfully updated but the transaction contains invalid non-mandatory data which was passed-by for updating.
- There are various notification messages that may inform you of conditions of interest.

3.1. **Want/warrant update (MOR, COR, XOR) sample requests and responses**

Successful MOR request and response for updating the comments:

- **TransmissionHeader**MOR.TRN/432112347.SID/6284834.NAM/GLAGLY,GUG.DOB/06061956.SEX/M.AGI/INFO.DST/W.CIT/AS11.51.140(A)(2).DOO/05012007.JCA/3AN-07-34567DC.PRA/S.DNO/3AN-07-34567DC.RID/INFO.RAD/INFO.EXI/4.STD/05202007.COM/SUSPECT USED FATHERS ID TO GET MARRIAGE LICENSE
- **ResponseHeader**TXT/029***TRANSACTION PROCESSED SUCCESSFULLY***

Unsuccessful XOR request and response for deleting a Warrant with an incorrect ATN:

- **TransmissionHeader**XOR.TRN/432112346.SID/6284834.NAM/GLAGLY,GUG.DOB/06061956.SEX/M.AGI/INFO.DST/W.CIT/AS11.51.140(A)(2).DOO/05012007.JCA/3AN-07-34567DC.PRA/S.DNO/3AN-07-34567DC.RID/INFO.RAD/INFO.EXI/4.STD/05202007
- **ResponseHeader**TXT/019**TRANSACTION REJECTED** A MANDATORY TRANSACTION FIELD IS MISSING OR INVALID. FIELD NAME AND INVALID DATA ARE: ATN / 432112346

Successful COR request and response for clearing a Warrant in APSIN:

- **TransmissionHeader**COR.TRN/432112347.SID/6284834.NAM/GLAGLY,GUG.DOB/06061956.SEX/M.AGI/INFO.DST/W.CIT/AS11.46.520(A)(1).DOO/05012007.JCA/3AN-07-34885DC.PRA/S.DNO/3AN-07-34885DC.RID/INFO.RAD/INFO.EXI/4.STD/05202007
- **ResponseHeader**TXT/029***TRANSACTION PROCESSED SUCCESSFULLY*** REQUESTED COURT ORDER CLEARED FROM APSIN

4. WANT/WARRANT UPDATE PROCESSING BY NCIC

When the APSIN/NCIC indicator (APS) is B on a want/warrant update transaction, numerous fields will be passed for processing by NCIC. For descriptions of fields that are required for processing by NCIC see **Fig. 1 Table of Want/Warrant Transaction Elements: EOR, MOR, COR, XOR**, under the **Req NCIC** and **Comments** columns. The table below shows which NCIC message types are generated from the APSIN interface based upon the Document subtype (DST) of the transaction coming into the APSIN interface.

Map APSIN Interface Want/Warrant transactions to NCIC message keys

EOR – Enter Want/Warrant

Warrant	NCIC MsgKey	Description	Missing Person	NCIC MsgKey	Description
T	ET	WANTED PERSON - TEMPORARY FELONY	MD	EMD	MISSING PERSON - DISABILITY
TC	ET-C	WANTED PERSON - TEMPORARY FELONY/CAUTION	MDC	EMDC	MISSING PERSON - DISABILITY - CAUTION
W	EW	WANTED PERSON	ME	EME	MISSING PERSON - ENDANGERED
WC	EW-C	WANTED PERSON - CAUTION	MEC	EMEC	MISSING PERSON - ENDANGERED - CAUTION
WJ	EWJ	WANTED JUVENILE	MI	EMI	MISSING PERSON - INVOLUNTARY
			MIC	EMIC	MISSING PERSON - INVOLUNTARY – CAUTION
			MJ	EMJ	MISSING PERSON - JUVENILE
			MJC	EMJC	MISSING PERSON - JUVENILE - CAUTION
			MO	EMO	MISSING PERSON - OTHER
			MOC	EMOC	MISSING PERSON - OTHER CAUTION
			MV	EMV	MISSING PERSON - CATASTROPHE VICTIM
			MVC	EMVC	MISSING PERSON – CATASTROPHE VICTIM - CAUTION

MOR – Modify Want/Warrant

T, TC, TC	MT	MODIFY WANTED PERSON - TEMPORARY FELONY	MD, MDC, ME, MEC, MI, MIC, MJ, MJC, MO, MOC, MV, MVC	MM	MODIFY MISSING PERSON
W, WC, WJ	MW	MODIFY WANTED PERSON			

XOR – Cancel Want/Warrant

T, TC	XT	CANCEL WANTED PERSON - TEMPORARY FELONY	MD, MDC, ME, MEC, MI, MIC, MJ, MJC, MO, MOC, MV, MVC	XM	CANCEL MISSING PERSON
W, WC, WJ	XW	CANCEL WANTED PERSON			

COR – Clear Want/Warrant

T, TC	CT	CLEAR WANTED PERSON - TEMPORARY FELONY	MD, MDC, ME, MEC, MI, MIC, MJ, MJC, MO, MOC, MV, MVC	CM	CLEAR MISSING PERSON
W, WC, WJ	CW	CLEAR WANTED PERSON			

VIII. ARRESTS

The following chart summarizes the transactions covered in this chapter.

Message		(Update, Query, No Access)		
<u>Key</u>	<u>Action</u>	<u>APSIN</u>	<u>NCIC</u>	<u>Comment</u>
UAR	Enter or modify arrest	U	n/a	
XAR	Delete arrest	U	n/a	

1. ARREST TRANSACTIONS

Arrest interface transaction messages are used to store in APSIN information about arrests and the charges associated to each arrest. The APSIN on-line **AST Main Menu** item pertaining to arrests is 13 – Add/Update Arrest.

Transactions are not posted to the database until they have successfully passed a rigorous validation routine. This includes ensuring that mandatory fields are transmitted. If mandatory fields are missing or invalid then the transaction is rejected and no data is posted to APSIN. When non-mandatory fields are invalid, only the fields in error are not posted. As validation errors occur, descriptive error messages are sent, informing you of the exact problem.

The details of which matching information is mandatory or optional, and how that information is used, are described in the context of the specific transactions in sections that follow.

Unlike most other groups of APSIN Law Enforcement Interface transactions, the Arrest transactions include no query transactions; there are only entry and update transactions as follows:

- **UAR Enter or Modify arrest:** Create or modify an arrest record in the APSIN database. An arrest with multiple charges would be entered as an initial UAR transaction to create the arrest using the first charge; and a second UAR transaction to add the second charge to the database.
- **XAR Delete arrest:** Delete an arrest record from the APSIN database. All traces of the arrest are deleted from the system.

1.1. Person identification and matching

To add, modify or delete an arrest you must uniquely identify the arrested person. The “Person record” must already exist in the APSIN database. If an arrest is to be entered for a person who is not already in APSIN, use the EPD Enter Person Demographics transaction to add the person to APSIN before executing the UAR transaction.

1.2. Match new arrest to Person

This section describes the matching process when you send a UAR transaction to record a new arrest.

1. **Find APSIN Person using APSIN Unique ID (SID) or Alaska Driver License (ADL).** Either SID or ADL are required or the transaction will be rejected. The SID and/or ADL are used to find the person record to associate to the new arrest record. If either supplied field does not match an existing APSIN person, the transaction is rejected.
2. **Validate Name (NAM).** Confirm the match by comparing the person last name and first initial. If this match is successful, the matching process is complete.

1.3. Match existing arrest

This section describes the matching process when you send a modify (UAR) or delete (XAR) transaction for an arrest record that already exists in APSIN. The arrest record would have been created by an entry UAR transaction or by direct input into on-line APSIN.

1. **Match Arrest Tracking Number (TRN).** The ATN is used to find the APSIN court record and its associated Person record.
2. **Match Court Docket Number (JCA).** If the ATN did not match an APSIN court record, then the JCA from the transaction is used to find an APSIN court record.
3. **Validate APSIN Unique ID (SID) or Alaska Driver License (ADL).** If SID and/or ADL are supplied on the transaction, they are validated against the person record found by the ATN or JCA match. If either supplied field does not match (or if neither field was supplied), the transaction is rejected.
4. **Validate Name (NAM).** If step 3 was successful, confirm the match by comparing the person last name and first initial.

1.4. Text responses to arrest transactions

All responses from the interface Arrest transactions contain a message header, details of the original request, and a text message that characterizes the outcome of the transaction, as follows.

1. The message header: 61 bytes if LU6.2 client, 84 bytes if TCP/IP client. The last twenty bytes of the header are the same for both LU6.2 and TCP/IP clients:
 - Three-byte message number
 - Two-byte message level (00 for successful transaction, non-zero for varying levels of error)
 - Date of the response (mmddyyyy format)
 - Time of the response (hhmmssst format)
2. One space
3. The following fields (if they appear in the original request), along with their corresponding mnemonics from the original request:
 - Arrest tracking number (TRN)
 - State identification number (SID) (APSIN Person ID)
 - Unique charge number (UCN)
 - Court case number (JCA)
 - Arresting agency case number (ACA)
 - Person full name (NAM)
4. The mnemonic "TXT/"
5. The system's response message indicating disposition of the transaction:
 - success of the transaction

- failure of the transaction
- error or informational message

Each of the following sections includes examples of successful and unsuccessful requests and responses.

- Sample transaction *requests*: item 1 (transaction header) is represented as “**TransmissionHeader**”.
- Sample transaction *responses*: items 1 through 5 above are represented by “**ResponseHeader**”.

Fig. 1 Table of Arrest Transaction Elements: UAR, XAR

Seq	Element	Format	Name	Descr	Req APSIN	Comments
0	---	A 41 or A 39	PAT transmission header (the whole unit)			The PAT transmission header is included on all requests and responses.
1	MKE	A 3	Message key		Y	UAR - Add or update arrest XAR - Delete arrest
2	TRN	N 9	ATN (Alaska arrest tracking number)	Arrest tracking number uniquely identifies the arrest associated with the charge and is used to locate an existing record in the APSIN database.	Y*	For a non-collateral offense, either TRN or Court case number (JCA) is required. For the XAR transaction, either TRN or JCA is required. Once recorded, the ATN cannot be deleted.
3	ACA	A 9	Arresting agency case number			
4	OFF	A 5	NCIC offense code			The Offense code is validated against the Uniform Offense Citation Table (UOCT).
5	SID	N 7	State identification number	Alaska state ID number for person; the APSIN ID.	Y*	If APSIN ID is provided, it must match the APSIN Person record found using other matching criteria (Court case number (JCA) or Arrest tracking number (TRN)). When matching an existing arrest, SID or ADL are required if matching is not successful using TRN and JVA.
6	ADL	N 7	Alaska drivers license number	ADL is generated by Division of Motor Vehicles. ADL can be used to locate a person record in the APSIN database.	Y*	If Alaska driver license is provided, it must match the APSIN Person record found using other matching criteria (Court case number (JCA) or Arrest tracking number (TRN)). When matching an existing arrest, SID or ADL are required if matching is not successful using TRN and JVA.

Fig. 1 Table of Arrest Transaction Elements: UAR, XAR

Seq	Element	Format	Name	Descr	Req APSIN	Comments
7	NAM	A 25 A 15 A 15 A 4	Person full name	Sometimes "last, first middle suffix" Sometimes "first middle last suffix"	Y	First name and Last name are required for all transactions. The format is detailed in NCIC 2000 Code Manual "Personal Descriptors" SECTION 2-NAME FIELDS. The data must be formatted as "Last,^First^Middle^Suffix", where the ^ character represents a space. The field terminator or period can appear after the first name if the middle name and suffix are not transmitted. Last name should not exceed 25 characters in length. First and middle names should not exceed 15 characters in length. The suffix cannot be larger than four characters.
8	SOC	N 9	Social security number		Y*	Two of these three fields must be present for matching purposes: SOC, DOB, SEX
9	DOB	N 8	Person date of birth		Y*	Two of these three fields must be present for matching purposes: SOC, DOB, SEX
10	SEX	A 1	Person sex		Y*	Two of these three fields must be present for matching purposes: SOC, DOB, SEX
11	UCN	N 3	Unique charge number		Y	When combined with ATN, UCN uniquely identifies the charge. Values from 1 to 999.
12	CIT	A 30	Statute citation for offense	State statute or regulation or municipal ordinance citation	Y	Validated against the Uniform Offense Citation Table (UOCT). On a UAR modify transaction, all of the following fields should be included (even if they are not changing); otherwise their values will be erased from the existing record: SED, MDA, MDS, MDC, MDG
13	MDA	A 1	Attempted charge modifier			Must be Y if present. UOCT validation (see CIT) determines if Y is permitted.
14	MDS	A 1	Solicited charge modifier			Must be Y if present. UOCT validation (see CIT) determines if Y is permitted.
15	MDC	A 1	Conspiracy charge modifier			Must be Y if present. UOCT validation (see CIT) determines if Y is permitted.
16	MDG	A 1	Gang charge modifier			Must be Y if present. UOCT validation (see CIT) determines if Y is permitted.

Fig. 1 Table of Arrest Transaction Elements: UAR, XAR

Seq	Element	Format	Name	Descr	Req APSIN	Comments
17	DVF	A 1	Domestic violence flag on arrest record			
18	JCA	A 14	Court case number	Court case number associated with a charge.	Y*	Mandatory for collateral offense. For a non-collateral offense, either JCA or ATN (TRN) is required. For the XAR transaction, either JCA or TRN is required.
19	PRA	A 1	Prosecution authority (S, B, M, C)	S = State B = Borough M = Municipality C = City	Y*	Required for a collateral offense. Value must be one of: - S (State) - B (Borough) - M (Municipality) - C (City)
20	AGI	A 4	Agency ID	Issuing or arresting agency ID	Y	Validated against the Company file.
21	DOA	N 8	Date of arrest		Y	
22	DOO	N 8	Date of offense, or beginning date for range of		Y*	Cannot be after Date of arrest (DOA). Either DOO or SED is required.
23	DEO	N 8	End date for a range of offense dates			
24	SED	N 8	Offense citation effective beginning date		Y*	Either DOO or SED is required.

2. ENTER ARREST INTO APSIN (UAR)

See **Fig. 1 Table of Arrest Transaction Elements: UAR, XAR** for descriptions of validation requirements for all of the individual message fields for the arrest update transactions.

The following input fields are required (and must be valid) to enter an arrest into APSIN. In some cases a field is required only for certain types of arrests, as noted:

- Unique person identifying data; either:
 - Person's APSIN ID (SID)
 - Person's Alaska driver license (ADL)
- Person demographic identifying data:
 - Person full name (NAM) minimally consisting of last name and first initial
 - Two of the following three:
 - Social Security Number (SOC)
 - Person date of birth (DOB)
 - Person sex (SEX)
- Unique charge number (UCN)
- Statute citation (CIT)
- Arrest tracking number (TRN) – for a non-collateral offense, either TRN or JCA is required.
- Court case number (JCA) – required for a collateral offense. For a non-collateral offense, either JCA or ATN (TRN) is required.
- Prosecuting authority (PRA) – required for a collateral offense.
- Agency ID (AGI)
- Date of arrest (DOA)
- Date of offense (DOO) – either DOO or SED is required.
- Offense citation effective beginning date (SED) – either SED or DOO is required.

2.1. Error and notification responses from Entry UAR transactions

Error responses are sent when an arrest cannot be stored in APSIN for numerous specific reasons. Review **Fig. 1 Table of Arrest Transaction Elements: UAR, XAR** for details of the validation requirements that, if not met, may result in the rejection of a transaction. Examples of reasons an UAR transaction might be rejected include:

- Missing mandatory field(s)
- Cannot find a matching Person record in APSIN
- The Person matching the transaction identifying data is not the person associated to an arrest by the ATN (TRN) or Court case number (JCA)

- Attempting to add an arrest (using ATN or JCA) that is already recorded in APSIN
- A required agency ID (RID or RAD) is not on the APSIN Company file

There are numerous detailed error messages you may receive due to validation errors that do not prevent processing the transaction. In these cases the field in error is not critical, and is skipped for processing while the valid data on the transaction is successfully processed.

There are various notification messages that may inform you of conditions of interest, for example:

- The transaction was processed successfully
- Whether or not the result of person matching included positive ID (fingerprints of the person are on file)
- Whether a Person record was matched using either the ADL or SID

2.2. Enter Arrest (UAR) sample requests and responses

Successful request and response for adding an arrest:

- *TransmissionHeader*
UAR.TRN/321342219.ACA/2007T0013.OFF/2699.SID/6284834.NAM/GLAGLY,
GOOG.SOC/654456654.DOB/06061956.SEX/M.UCN/1.CIT/AS11.46.600.MDA/.MDS/Y.
JCA/3AN0700321CV.PRA/S.AGI/INFO.DOA/06122007.DOO/06072007
- *ResponseHeader*TX/029***TRANSACTION PROCESSED SUCCESSFULLY***

Unsuccessful request and response for adding an arrest where ATN is invalid and the UCN is missing:

- *TransmissionHeader*
UAR.TRN/321342218.ACA/2007T0013.OFF/3804.SID/6284834.NAM/GLAGLY,
GOOG.SOC/654456654.DOB/06061956.SEX/M.UCN/.CIT/AS11.51.140(A)(2).MDA/Y.
MDS/N.MDC/.MDG/N.DVF/.JCA/3AN0700321CV.PRA/S.AGI/INFO.DOA/06122007.DOO/
06072007.DEO/.SED/.
- *ResponseHeader*TX/019**TRANSACTION REJECTED** A MANDATORY TRANSACTION
FIELD IS MISSING OR INVALID. FIELD NAME AND INVALID DATA ARE: ARREST
TRACKING NUMBER (TRN/) / 321342218
- *ResponseHeader*TX/019**TRANSACTION REJECTED** A MANDATORY TRANSACTION
FIELD IS MISSING OR INVALID. FIELD NAME AND INVALID DATA ARE: UNIQUE
CHARGE NUMBER / 999N

(The UCN value 999N is an internal numeric representation that indicates the fact that the UCN field was null UCN/ . on the incoming transaction message.)

3. **ARREST MODIFY (UAR) AND DELETE (XAR) TRANSACTIONS**

Modification transactions are used to add or change information about an arrest, or to delete the arrest from the system. For descriptions of validation requirements for all of the individual message fields for the arrest update transactions, see **Fig. 1 Table of Arrest Transaction Elements: UAR, XAR**.

The fields required to identify the arrest being modified or deleted, and match it to the correct Person record, are the same as for the Entry UAR transaction (Section 2).

Most fields can be modified, including most key identifying fields, except:

- Person APSIN unique ID (SID)
- Person Alaska driver license (ADL)
- Demographic information about the Person to whom the arrest is associated (NAM, SEX, SOC, DOB). This information can be changed using the MPD Modify Person Demographics transaction or directly in on-line APSIN.

Response messages are of the same types as are described in Section 2.1 for the UAR transaction:

- Error responses are sent when the arrest cannot be updated.
- Validation-error responses are sent when the arrest is successfully updated but the transaction contains invalid non-mandatory data which was passed-by for updating.
- There are various notification messages that may inform you of conditions of interest.

3.1. **Arrest update (UAR, XAR) sample requests and responses**

Successful request and response for Modify **UAR** (add a second charge to the arrest):

- **TransmissionHeader**
UAR.TRN/321342219.ACA/2007T0013.OFF/2699.SID/6284834.NAM/GLAGLY,
GOOG.SOC/654456654.DOB/06061956.SEX/M.UCN/2.CIT/AS11.46.600.MDA/.MDS/Y.
JCA/3AN0700321CV.PRA/S.AGI/INFO.DOA/06122007.DOO/0607200
- **ResponseHeader** TXT/064***NOTIFICATION*** OTHER CRIMINAL HISTORY RECORDS
EXIST FOR THIS ATN
- **ResponseHeader** TXT/029***TRANSACTION PROCESSED SUCCESSFULLY***

Unsuccessful **XAR** request and response for deleting an arrest using an incorrect ATN:

- **TransmissionHeader** XAR.TRN/321342218.OFF/2699.SID/6284834.NAM/GLAGLY,
GOOG.SOC/654456654.DOB/06061956.SEX/M.UCN/1.CIT/AS11.46.600.AGI/INFO.DOA/06122007.DOO/06072007
- **ResponseHeader** TXT/019**TRANSACTION REJECTED** A MANDATORY TRANSACTION
FIELD IS MISSING OR INVALID. FIELD NAME AND INVALID DATA ARE: ARREST
TRACKING NUMBER (TRN/) / 321342218

Successful **XAR** request and response for deleting an arrest from APSIN:

- *TransmissionHeader*XAR.TRN/321342219.OFF/2699.SID/6284834.NAM/GLAGLY,GOOG.SOC/654456654.DOB/06061956.SEX/M.UCN/1.CIT/AS11.46.600.AGI/INFO.DOA/06122007.DOO/06072007
- *ResponseHeader*TXT/029***TRANSACTION PROCESSED SUCCESSFULLY*** REQUESTED INFORMATION DELETED FROM APSIN

4. NO ARREST PROCESSING BY NCIC

Arrest transactions are processed in APSIN only; NCIC has no arrest interface with which to communicate.