

Appendix C: Descriptors and Field Edit Specifications for Type-2 Logical Records

This appendix contains the descriptions and field specifications for the Type-2 record being included with a transaction being submitted. The Data Dictionary in this appendix has been organized to display Identifier, Field Number, Field Name, and Field Description.

1.0 User-Defined Data

Table C-1 summarizes the content of each of the fields in the Type-2 record in the traditional encoding format. The field sizes do not account for any separator characters. Some Type-2 elements have their origins as contributor-supplied data. User-defined data is that subset of contributor-supplied data that will not be stored in any CJIS files for later search or retrieval purposes. User-defined data will not be validated (with several exceptions), and therefore may in general consist of any printable 7-bit ASCII character: (i.e., free-text). This includes ASCII (decimal) codes 07 (BEL) through 13 (CR) and 32 (SP) through 127 (DEL), inclusive. Separator characters are not part of the printable character set. The 7-bit ASCII characters used in NGI elements include the alphabet [upper case (capital letter) and lower case (small letter)], number 0 through 9, special characters, and nonprintable characters. Nonprintable characters are defined as codes 07 through 13. For additional information, reference 7-Bit ASCII guidance in ANSI/NIST-ITL 1-2011.

The following list gives those Type-2 elements that the FBI treats as being user-defined: ATN, SCO, OCA, SID, OCP, EAD, RES, CRI, IMA, CIDN, and TAA. In this list, SID, TAA, and CRI may not always be free-text. In criminal transactions, these fields must contain valid formats, as specified further in this appendix. Occasionally, other restrictions are specified as required in the Data Dictionary section. If the contributor supplies data in any of these fields in a submission or search, the data will be returned in the corresponding response.

The RAP, RET, REC, TAA, and ULF are examples of flag fields taking values of positive = “Y” and negative = “N.” The negative value should not, in general, be submitted unless otherwise described in a specific definition.

1.1 Date Fields

Traditional dates are represented as follows:

A date is shown as an 8-digit numeric field of the format CCYYMMDD, where:

CC (Century) must be 19 or 20

YY (Year) must be 00 to 99

MM (Month) must be 01 to 12

DD (Day) must be 01 to the limit defined by the month and year (e.g., DD may be 29 for MM = 02 in leap years).

For example, 19921201 represents December 1, 1992.

Partial dates, where allowed, are represented by inserting zeroes into the unknown positions. For example, 20010000 represents the year 2001.

Since dates find a variety of uses in EBTS transactions, each use may have specific format restrictions or special edits. For specific format restrictions or special edits, see the individual date field entries in this appendix.

1.2 XML Encoding

The XML encoding requires some deviations from the traditional format, in both structure and content. Structurally, elements with multiple data items that are traditionally represented as a single concatenated string are instead placed in separate fields. For example, an entire name would be held in a single string in AKA in the legacy format, while the XML encoding would break this into separate elements for First, Middle, and Last.

Additionally, data items that are related and/or have dependencies on one another may be represented by a nested XML structure, in order to convey this relationship. In regards to content, the XML encoding has a few differences from the traditional format in the allowed data, for example, “flag” values are represented as Boolean, “true” and “false.”

Type-2 Data Dictionary

The Type-2 Data Dictionary for this appendix only includes those fields that have been defined to support NGI functionality. All other fields defined in the ANSI/NIST-ITL will be used as defined in that standard.

ACN 2.071 Action to be Taken

This field is used to include text answers to submission requests to indicate that a latent case will be established or to indicate recommendations for further actions within response transactions. This field will also be used to indicate action taken by the FBI in response to electronic document (e.g., disposition) submissions. For this field, commas, hyphens, ampersands, slashes, number signs, underscores, and spaces are all allowed as special characters.

AGR 2.023 Age Range

This field will be used to give an estimated age range may be entered using a pair of two digit age numbers. For the traditional encoding of this field, the first two digits shall represent the minimum age, and the second two the maximum age. There shall be no separator character used between the ages.

AKA 2.019 Aliases

This 3-to-50 alphaspecial (AS) field contains alias names of the subject. Up to ten aliases may be provided.

For the traditional encoding of this field, each alias will be separated from one another by the {RS} character. AKA may contain a comma, hyphen, or spaces as special characters. The format shall be the surname followed by a comma, followed by the given names separated by a space. The following restrictions and exceptions to the general format apply (the first three apply only to the traditional encoding):

1. Minimum length is three bytes in the following sequence: alphabetic, comma, alphabetic.
2. A comma must be followed by a minimum of one alphabetic character.
3. A space immediately before or after comma is invalid.
4. A hyphen in first and last position of any name segment is invalid.
5. Two consecutive spaces or hyphens between characters are invalid.

AMP 2.084 Amputated or Bandaged

This repeating field contains information about amputated or bandaged fingerprints in an EBTS submission. The field is composed of repeating sets of two information items:

- A. Finger Position (FGP)
- B. Amputated Or Bandaged Code (AMPCD)

This field is to be used any time there are fewer than ten printable fingers in a tenprint submission for finger positions 1 – 10 or positions 11–15 to specify when no slap fingerprint images are provided in the finger positions (e.g., entire right hand is not printed). A partially amputated finger should be printed and be marked amputated, XX. If the finger's image is missing for any reason, (for example, when the arresting agency did not specify a reason in its submission to the State Identification Bureau) the UP code should be used. This field is used to tell the ABIS/AFIS which finger positions need to be characterized. The UP code should only be used when the entire image is not provided for fingerprints in the submission. This code will indicate that the ABIS/AFIS matcher should ignore this image and not include the image in the matching process. When submitting transactions with Type-14 records, the Type-2 AMP (2.084) field should be used to indicate when there is an image missing (e.g., an entire slap); the Type-14 AMP (14.018) field should be used to indicate a missing or bandaged finger within an image (e.g., a missing index finger in a slap image).

For the traditional encoding, the two-character finger position code is followed by the {US} separator and the amputated or bandaged code. Each set of fingers/amp codes shall be separated by the {RS} separator.

The following example indicates that the third finger is amputated and that the ninth finger print was unavailable or not submitted.

2.084:03{US}XX{RS}09{US}UP{GS}

AMP Codes

Finger Position	FGP
Right thumb	01
Right index	02
Right middle	03
Right ring	04
Right little	05
Left thumb	06
Left index	07
Left middle	08
Left ring	09
Left little	10
Plain right thumb	11
Plain left thumb	12
Plain right four fingers	13
Plain left four fingers	14
Plain left and right thumbs	15

Note: When codes 13 – 15 are included, the entire block is referenced.

Descriptor	AMPCD
Amputation	XX

Descriptor	AMPCD
Unable to print (e.g., bandaged)	UP

ASL 2.047 Arrest Segment Literal

This field is made up of the following information items:

- A. Date of Offense (DOO)
- B. Arrest Offense Literal (AOL)

The AOL is a free-text description of an offense charged on an arrest. The first character of the AOL text must not be a space. Each AOL should have a corresponding DOO. The DOO shall appear as an eight-digit number as specified in Section 1.1 of this appendix. The DOO shall not exceed the current date. This date field shall contain the local date for the region submitting the request. Up to 999 occurrences of the ASL are allowed.

For the traditional encoding format, each occurrence of the ASL shall be separated by the {RS} separator character. The DOO shall be separated from the AOL by the {US} separator character. A DOO is prohibited without a corresponding AOL offense. If a DOO is not present, a {US} character separator shall still be used.

The following traditional coding example indicates more than one occurrence of the AOL field using DOO:

2.047:19940915{US}DUI{RS}19940920{US}POSSESSION OF FIREARMS{GS}

ATN 2.006 “Attention” Indicator

This alphanumeric-special field shall contain a designation of the individual to whose attention a response is to be directed. Periods shall not be used (e.g., Det. J. Q. Public shall be entered as DET J Q PUBLIC). The value of ATN returned to the submitter is the value submitted.

ATR 2.2032 Audit Trail Record

This repeating record contains the information associated with the dissemination of the owner’s images. The following are the items included for each requested image:

- A. ORI of the originator that received the image,
- B. Date the images were disseminated,
- C. TOT used to acquire the image set,
- D. BSI of the image,
- E. IMT of the image,
- F. FNR of the image (supports fingerprint and palm print position codes),
- G. PPD of the supplemental image when FNR equals supplemental (19),
- H. POS of facial image,
- I. SMT code of SMT images.

The FNR and PPD items are present in ATR to identify the image within the biometric set that was disseminated when the entire set was not returned.

BIA 2.2031 Biometric Image Available

This field will indicate the existence of available biometric images (fingerprint, palm print, supplemental print, and facial photo) and descriptive images (SMT photo) for an Identity in the NGI repository.

Allowable BIA values are shown in the following table. The following abbreviations are used in the table for each image type: FP – Fingerprint, PP – Palm Print, SP – Supplemental Print, PHF – Photo Facial, PSMT – Photo Scar, Mark, & Tattoo and IRIS – Iris.

BIA Values

Biometric Image(s) Available	Value	Biometric Image(s) Available	Value
None and/or Unsolved	0	IRIS	32
FP	1	FP, IRIS	33
PP	2	PP, IRIS	34
FP, PP	3	FP, PP, IRIS	35
SP	4	SP, IRIS	36
FP, SP	5	FP, SP, IRIS	37
PP, SP	6	PP, SP, IRIS	38
FP, PP, SP	7	FP, PP, SP, IRIS	39
PHF	8	PHF, IRIS	40
FP, PHF	9	FP, PHF, IRIS	41
PP, PHF	10	PP, PHF, IRIS	42
FP, PP, PHF	11	FP, PP, PHF, IRIS	43
SP, PHF	12	SP, PHF, IRIS	44
FP, SP, PHF	13	FP, SP, PHF, IRIS	45
PP, SP, PHF	14	PP, SP, PHF, IRIS	46
FP, PP, SP, PHF	15	FP, PP, SP, PHF, IRIS	47
PSMT	16	PSMT, IRIS	48
FP, PSMT	17	FP, PSMT, IRIS	49
PP, PSMT	18	PP, PSMT, IRIS	50
FP, PP, PSMT	19	FP, PP, PSMT, IRIS	51
SP, PSMT	20	SP, PSMT, IRIS	52
FP, SP, PSMT	21	FP, SP, PSMT, IRIS	53
PP, SP, PSMT	22	PP, SP, PSMT, IRIS	54
FP, PP, SP, PSMT	23	FP, PP, SP, PSMT, IRIS	55
PHF, PSMT	24	PHF, PSMT, IRIS	56
FP, PHF, PSMT	25	FP, PHF, PSMT, IRIS	57
PP, PHF, PSMT	26	PP, PHF, PSMT, IRIS	58
FP, PP, PHF, PSMT	27	FP, PP, PHF, PSMT, IRIS	59
SP, PHF, PSMT	28	SP, PHF, PSMT, IRIS	60
FP, SP, PHF, PSMT	29	FP, SP, PHF, PSMT, IRIS	61
PP, SP, PHF, PSMT	30	PP, SP, PHF, PSMT, IRIS	62

Biometric Image(s) Available	Value	Biometric Image(s) Available	Value
FP, PP, SP, PHF, PSMT	31	FP, PP, SP, PHF, PSMT, IRIS	63

BID 2.2028 Biometric Image Description

This repeating set contains information about biometric images the user requests in the submission. Each repeating set consists of the following items:

- A. SI (Subject Identifier) of the identity or latent record,
- B. IMT image type of the image to be retrieved,
- C. BSI of the biometric set to be retrieved,
- D. FNR is the fingerprint or palm print position code of the image to be retrieved,
- E. PPD of the supplemental image to be retrieved when FNR equals supplemental (19).
- F. POS of a face image,
- G. SMT code for a scar, mark, or tattoo image.

The Image Type information items (2.2028B IMT) can be used to specify which types of biometric sets are requested, the Biometric Set Identifier (2.2028C BSI) information item can be used to identify the specific biometric set being requested, and the Print Position Descriptors (2.2028E PPD) information item can be used to accompany the FNR (2.2028D) information item to specify which Supplemental Fingerprint and Palm Print images are being requested. The POS (2.2028F) information item specifies the subject pose code of the facial photo image to be retrieved.

The SMT (2.2028G) information item holds the NCIC designation code for a scar, mark, or tattoo. The SMT is required when an SMT image is to be retrieved. If the BSI (2.2028C) information item is not present, the representative biometric set(s) are retrieved for the identity specified in the Subject Identifier (SI) item. The representative set for fingerprints will be a composite fingerprint set of images, while the representative set of any additional biometrics (i.e., palm prints, face image, iris set) will be the latest set enrolled.

BID Submitted Values and Results

BID Field Values Submitted	Biometric Images Returned
SI	Composite fingerprint set for the identity specified
SI, IMT	Representative set for image type specified
SI, BSI	Specific image set indicated by the BSI
SI, IMT, FNR	The friction ridge position image of the representative set for the image type specified
SI, BSI, FNR	The finger position image of the specific image set indicated by the BSI

BIE 2.2061 Biometric Image Enrollment

The Biometric Image Enrollment field will provide the Biometric Set Identifier (BSI) and Image Type (IMT) of each biometric set or photo that was enrolled. Where photos are enrolled, the Subject Pose (POS) is populated for facial photos, and the scars, marks, and tattoos (SMT) field is populated

for SMT photos. The following are the items included for each enrollment, as appropriate:

- A. BSI of the image
- B. IMT of the image
- C. POS of the subject for a facial photo
- D. SMT NCIC code for an SMT image

BIL 2.2073 Biometric Image List

BIL is added to the SRB to provide capture dates for all facial and SMT photos for each subject in the candidate list. This repeating set of data elements provides the identifiers necessary to retrieve this additional imagery via IRQ. This field is only populated for a facial investigative search; it is not populated for text based searches. The data elements within BIL are:

- A. SI (Subject Identifier) of the candidate
- B. BSI (Biometric Set Identifier) of the available image
- C. BCD (Biometric Capture Date) of the available image
- D. IMT (Image Type) of the available image. The only valid values for IMT (2.2073D) are face or SMT.

BSI 2.2029 Biometric Set Identifier

This numeric field will uniquely identify each biometric image set or photo, such as a facial photo, a fingerprint set, a palm print set, a supplemental print set or iris set.

CAN 2.064 Candidate List

This grouped field shall contain a candidate list. It is composed of two information items:

- A. Universal Control Number (UCN)
- B. Name (NAM)

For traditional encoding, each field will be separated by a {US} separator and will be provided for each candidate in the list. Commas, hyphens, and spaces are allowed in the NAM subfield as specified in the Personal Descriptors within the NCIC Code Manual. Each UCN and NAM set shall be separated from the next by the {RS} separator character.

Note: The UCN can contain an FBI number if appropriate for that record.

CIDN 2.2022 Contributor Assigned Identification Number

This field is the unique number assigned to a single biographic search by the contributor. This field shall contain ten bytes of alphanumeric data. This is a field in a Type-2 biographic search request (EQHR).

CIN 2.010 Contributor Case Identifier Number

This grouped free-text field is a 48 byte (maximum) alphanumeric-special assigned by the contributor to uniquely identify a latent case. It consists of:

- A. Literal subfield Contributor Case Prefix (CIN_PRE) of up to 24 characters (e.g., “Incident #,” “Laboratory Number,” “Investigation No.”)
- B. The Contributor Case Identifier subfield (CIN_ID) of up to 24 characters.

CIX 2.011 Contributor Case Identifier Extension

This field is a two-byte to four-byte numeric supplement to the Case Identifier Number that allows multiple searches to be associated with the same case. The CIX shall be used only in conjunction with the CIN.

CNL 2.2033 Candidate Investigative List

This field is added to the Investigative search response TOTs, providing a candidate list that supports a multi-biometric type and multi-event repository. The legacy CAN field in the SRL is still supported as well for Fingerprint-only candidate lists. It is possible for the CNL to contain multiple ranked lists concatenated together due to multiple biometric types being searched. For friction ridge, NGI supports three biometric types for a latent investigative search: fingerprint, upper-palm, and lower-palm. Therefore, an SRL can contain one, two, or three ranked lists where the number of candidates in each list is determined by the NCR from the request. Therefore, the maximum number of candidates for an SRL is 3 x NCR. When multiple biometric types are searched, a maximum of NIR images are returned for each type. Therefore, the maximum number of images for an SRL is 3 x NIR. Multiple candidates in traditional encoding will be separated by the {RS} separator.

A candidate is defined as an event characterized by a unique combination of Subject Identifier (SI), Biometric Set Identifier (BSI), and FGP. Based on match score, there may be multiple instances of the same SI and FGP within a candidate list, but only the highest scoring SI/BSI/FGP combination for a subject will return an image, limited by the requested NIR value. Other, lower scoring BSIs for a given SI-FGP combination that appear within the list will not include images, and will be ordered by match score, not grouped by SI. The number of candidates returned (NCR) may be less than the maximum specified, as a result of thresholds determined by trade study tests and the algorithm used to determine potential matches. Also, depending on the number of unique SI and FGP candidates (up to NCR), it is possible that fewer images than the NIR requested may be returned per candidate list biometric type. The NDR field may contain a comma-separated list of repositories which contain the candidate. The CNL field supports a repeating set of the following information items:

- A. SI (Subject Identifier) of the candidate (known or unsolved),
- B. NAM indicates the name of the subject,
- C. BSI of the candidate image,

- D. IMT of the candidate image,
- E. FGP of finger or palm,
- F. PPD of the supplemental image when FGP equals supplemental (19),
- G. MSC indicates the match score of the candidate,
- H. BIA indicates the available biometric image types for the candidate,
- I. NDR(s) the candidate resides in,
- J. IDC is the Information Designation Character,
- K. NOT provides owning ORI information when no image is available for candidate,
- L. POS provides Pose codes for facial images,
- M. SMT provides SMT codes for SMT images.

CRI 2.073 Controlling Agency Identifier

In Criminal and Civil transactions, the first instance of this field (CRI1) shall contain the Originating Agency Identifier (ORI) of the organization controlling the transaction. The CRI may be different from the submitting agency's ORI (e.g., the CSA), which shall be placed in the ORI field. When the controlling agency is also the submitting agency, both the ORI and CRI fields shall be submitted with the same identifier. (See Appendix B for definition of ORI.)

In criminal transactions, the CRI will usually refer to the booking station that has submitted the subject's fingerprints to be transmitted through the CSA to the FBI. The FBI uses the first instance of CRI (CRI1) in any transaction that would modify criminal records as the authority to do so.

When a Civil transaction matches a criminal record and the CRI1 is not authorized to receive the data, the ORI of the State Identification Bureau that submitted the transaction will be used instead. The second and third instances of CRI, when sent, are treated as user-defined fields.

CSL 2.051 Court Segment Literal

The CSL field is made up of the following information items:

- A. The Court Disposition Date (CDD) is the date a court count was disposed of by the court. The CDD shall appear as specified in Section 1.1 of this appendix. This date field shall contain the local date for the region submitting the request, which shall not exceed the current date except when the submission originates from an international contributor located in a time zone ahead of the Eastern Time Zone.
- B. The Court Offense Literal (COL) contains free-text description of an offense charged in a court count. The first character of the COL must not be a space.
- C. The Other Court Sentence Provision Literal (CPL) contains free-text information on sentence provisions.
- D. The Court Disposition (CDN) is a code from the following table, representing the definitive disposition information about a Subject for a particular charge. This element must contain a value most closely associated with the disposition type from the table below, provided in

priority of use order.

- E. The Court Count Number (CCT) is a two or three digit sequential number assigned to each court count. The valid values are 01 to 99 and 100 to 999.

CDN Values

Court Disposition	Description
CONVICTED	Judicial finding of guilty of a crime in adult court, by verdict or plea
ACQUITTED	Finding, by jury or judge, that a person is not guilty of the charged offense
DISMISSED	Decision by the court that terminates prosecution; limited to court actions only, including Vacated, and Stricken on Leave, and Set Aside
CHARGES DROPPED	Use for arrest disposition only
NOT PROSECUTED	Use for events that end at the arrest, grand jury or prosecution phase – Nolle Prosequi, No Bill, Not Filed, No Action Taken
MENTAL HEALTH ADJUDICATION	Court action to suspend prosecution while determining competence to stand trial or a finding of not guilty by lack of mental responsibility. Meets qualifying criteria for mental defective. Includes Acquittal or Dismissal by Reason of Insanity.
DIVERSION	Referral to a program intended to enable alleged offenders to avoid criminal charges and a criminal record. Diversion programs may be run by law enforcement agencies, courts, prosecutors, or outside agencies. An offender may be referred to a diversion program before charges are brought, before trial commences, or before sentence is imposed. Includes Pre-Trial, Adult, Juvenile diversion and Probation before Judgment.
CONDITIONAL	Court outcome involving the absence of determination of guilt. If the type is based on conditions set by the court, the outcome may change if the conditions are satisfied. Includes Adjudication Withheld, Conditional Discharge, Non-Adjudication of Guilt, and Retirement.
JUVENILE ADJUDICATION	Court adjudication of delinquency or imposition of juvenile sanctions in adult court; not limited to felonies. This would be a conviction if the subject was treated as an adult. Includes Juvenile Delinquency and Youthful Offender.
REVOCATION	An annulment, cancellation or reversal of a finding of guilty
EXTRADITED	The official surrender of an alleged criminal by one jurisdiction to another; the return of a fugitive from justice, regardless of consent, by the authorities where the fugitive resides. Use for arrest dispositions only.
TRANSFERRED	The removal of a case from the jurisdiction of one court or judge to another. Includes Remanded (case sent back to court for further action)
DEPORTED	The expulsion or transfer of an alien from the country. Use for arrest dispositions only.
DECEASED	Subject charged is deceased.
CONSOLIDATED	Court ordered unification of two or more charges or cases into a single matter.
BAIL/BOND FORFEITURE	Money or property lost or confiscated by this process; a penalty. This may be a disposition in older, legacy records.
DEFERRED	Postponed or delayed, could relate to prosecution, sentence, judgment or disposition.
UNAVAILABLE	This will be entered by the state repository if the final disposition is unavailable. This code may be used when, upon thorough research, the disposition could not be found or was purged in accordance to record retention schedules.
DESTROYED	This will be entered by the state repository if the disposition could not be found due to destruction through a fire or a natural disaster.
OTHER	If using "OTHER" it is mandatory to provide detail or description under the COL information item.

Up to 999 occurrences of the CSL are allowed. Each occurrence in the traditional encoding of the CSL shall be separated by the {RS} separator character. Of the five available subfields, COL, CPL, and CDN are always mandatory, while the CDD and CCT are conditional (being required with

TOTs FDSP and DSPE). A CDD (if available), followed by a COL, followed by a CPL, followed by a CDN, followed by CCT (if available), each separated by a {US} separator character must be present for each occurrence of the CSL field. If the CDD or CCT is not available, a {US} separator character alone shall be used.

When submitting custody data in the Supervised Release Notification Request (SRNR), use this field for custody information. In the event that there is no arrest information available when submitting custody data, the COL and CDD must be copied to the corresponding AOL and DOO fields of the Arrest Segment Literal (ASL).

The following is a traditional encoding example of the CSL with multiple occurrences:

2.051:19940930{US}DUI{US}5 DAYS JAIL, PAY COURT COSTS{US}
CONVICTED{US}01{RS}19940930{US}POSSESSION OF FIREARMS{US}10 DAYS JAIL,
PAY COURT COSTS, \$50{US}CONVICTED{US}02{GS}

The following is a traditional encoding example of the CSL when the first of two CDDs are not available:

2.051:{US}DUI{US}5 DAYS JAIL, PAY COURT COSTS{US}
CONVICTED{US}01{RS}19940930{US}POSSESSION OF FIREARMS{US}5 DAYS
JAIL{US} DIVERSION{US}02{GS}

CST 2.061 Case Title

This field identifies the Latent Case. It will include information concerning the case, and it must include the offense type.

CTZ 2.021 Country of Citizenship

This field contains two-letter abbreviation for the name of the country of which the subject is a citizen. Entry must be a valid country code from Appendix O.

DNAC 2.2018 DNA in CODIS Flag

This field indicates whether the DNA available is located in the CODIS database for the subject identified on the CAR, CNA, and CPNU TOTs. The permissible values are "Y" or "N".

DNAF 2.2016 DNA Flag (*Future Capability*)

This is a one-byte field that will indicate whether DNA is available for the subject identified on the CAR, CNA, and CPNU TOTs. The permissible values are "Y" or "N".

DOA 2.045 Date of Arrest

This date field shall contain the local date of arrest for the region submitting the request. The date shall appear as specified in Section 1.1 of this appendix. DOA shall not exceed the date of submission.

DOB 2.022 Date of Birth

This field contains the date of birth. It is entered as specified in Section 1.1 of this appendix. Unknown DOBs are not allowed, however, partial DOBs will be accepted. DOB shall not exceed date of submission after time zone adjustment.

DORI 2.2017 DNA Location (*Future Capability*)

This is an alphanumeric field that will contain the ORI of the contributor which has the DNA available for the subject identified on the CAR, CNA, and CPNU TOTs. The field will be required when the DNAF = "Y".

DOS 2.046 Date of Arrest - Suffix

This field contains a code representing the sequence of the subject's fingerprint submissions within a given date. The code also indicates the type of fingerprint submission on which either the Date of Arrest (DOA) or Date Print Received (DPR) was contained. This field is generally for internal use within the FBI; however, authorized external contributors may use DOS codes for Date Fingerprinted, Date Print Received, Date of Offense, and Date of Application. In some instances, this field may be blank.

DPR 2.038 Date Printed

This field contains the date that the subject's biometric(s) were captured. The format shall be the same as that specified in Section 1.1 of this appendix. This date field shall contain the local date for the region submitting the request. DPR shall not exceed the date of submission.

DTR 2.2068 Date Range

Used in the Rap Back Subscription List Request (RBRPT) transaction as an input parameter to limit responses to subscriptions expiring within the identified range.

EAD 2.039 Employer and Address

The name and address of the subject's primary employer may be entered into this free-text field. The EAD returned in a response is the same as the one submitted.

ERS 2.075 Electronic Rap Sheet

This field shall contain the electronic Identity History Summary (IdHS) of an identified subject. In

the case of a non-identification, the IdHS will consist of the Non-Identification Response (NIDR). For a TPRR transaction that contains multiple candidates, the IdHS for each candidate will be concatenated into this field.

ESI 2.2037 External Subject Identifier

A subject identifier from an external system that represents a distinct identity.

EVI 2.2035 Event Identifier

This numeric field will be used to identify a specific biometric enrollment event for an identity. A single EVI may encompass multiple BSIs, if more than one biometric set is enrolled for the event.

EXP 2.080 Response Explanation

This field is free-form text to elaborate on the Response Code field.

EYE 2.031 Eye Color

For this field, the three letter code from the following table is used to indicate the subject's color of eyes.

EYE Values	
Eye Color	Code
Black	BLK
Blue	BLU
Brown	BRO
Gray	GRY
Green	GRN
Hazel	HAZ
Maroon	MAR
Multicolored	MUL
Pink	PNK
Unknown	XXX

FBI 2.014 FBI Number/UCN

This field is used to uniquely specify Identities contained in the NGI database, and shall be no more than nine alphanumeric characters. This Universal Control Number (UCN) is used to identify records in the criminal, civil, ULF and other repositories. The UCN number returned in a response is dependent upon the search results. The Legacy Subject Control Number (SCNA) used for ULF records may be provided in this field where designated in the message definition. The UCN field may also contain "BDEC", when it is on an investigative search result.

FFN 2.003 FBI File Number

This is a 10 byte numeric representing the FBI Investigative File Number. This is not the FBI Number specified by the mnemonic "FBI." Since it is used for FBI Latent Print Unit record-keeping purposes, it is imperative that the user transmit this number if it is known.

FGP 2.074 Friction Ridge Generalized Position

This field is used for latent searches and contains the fingerprint/supplemental/palm print position(s) code of the latent print(s) submitted for searching. (See Appendix P, Table P-2 for code values for FGP)

If more than one latent fingerprint image is submitted, then the position code of each fingerprint image is mandatory, and the codes shall be separated by the {RS} character separator. If the latent image is from a finger for which finger position is unknown, the position code will be zero or may contain multiple guesses at the correct finger position. In this case, the PAT field must contain "00" in its Finger Number subfield to indicate that the actual position is unknown (see also PAT entry). If the submitter cannot determine what portion of the hand the latent image was derived from, then the position code should be omitted or "18" to spawn a search of all friction ridge areas (fingerprints, palm prints, supplemental prints) within the FBI/CJIS repository.

FI 2.2105 Foreign Information

This field contains descriptive data related to the collection of the fingerprint capture for the FIDR TOT. The field may contain alphanumeric, and special characters with a limit of 300 characters.

FIU 2.072 Fingerprint Image(s) Updated

This field contains the finger positions that were updated in the FBI's Fingerprint Image Master File as a result of an electronic request to update fingerprint images. The finger numbers for which image information is requested are selected from Table, "Finger Position Code," in the ANSI/NIST-ITL. Up to 13 individual finger numbers may be listed. For encoding, each finger number will be separated from one another by the {RS} separator. If images of all 14 fingers were updated, the single character "A" is shown instead of individual finger numbers. If no images were updated, an "N" will be returned.

FNR 2.057 Finger Number(s) Requested

This numeric field is used in transactions involving a request for fingerprint image information. The finger numbers for which image information is requested are selected from Table, "Finger Position Code," in the ANSI/NIST-ITL. Up to 13 individual finger image numbers may be listed. For traditional encoding, finger numbers shall be separated from one another by the {RS} separator. If all 14 tenprint images are desired, 00 is shown instead of individual finger numbers.

For transactions that allow only the ten rolled fingerprint images, when all ten images are desired, list each one separately. For traditional encoding, the finger codes being requested shall appear as 01{RS} 02{RS} ... {RS}10{GS}. This field may also include the supplemental position code of 19 and/or the palm position codes outlined in Table P-2.

FPC 2.033 NCIC Fingerprint Classification

If available, the NCIC fingerprint classification will be returned in the FBI's responses to latent submissions. The traditional encoding of NCIC FPC is composed of 20 characters. Patterns are placed in the positions representing each finger (see FPC Values Table).

The NCIC FPC for a set of fingerprints made up of all ulnar loops in traditional encoding might read:

2.033:12101116141109111713{GS}

A combination of loops and whorls with an amputated right index finger in encoding might read:

2.033:12XX11CO14115906CI13{GS}

FPC Values

Positions	Finger
1 and 2	Right Thumb
3 and 4	Right Index
5 and 6	Right Middle
7 and 8	Right Ring
9 and 10	Right Little
11 and 12	Left Thumb
13 and 14	Left Index
15 and 16	Left Middle
17 and 18	Left Ring
19 and 20	Left Little

Pattern Type	Pattern Subgroup	NCIC FPC Code
Arch	Plain Arch	AA
	Tented Arch	TT
Loop	Radial Loop	Two numeric characters. Determine actual ridge count and add fifty (50). For example, if the ridge count of a radial loop is 16, add 50 to 16 for a sum of 66. Enter this sum (66) in the appropriate finger position of the FPC field.
Loop	Ulnar Loop	Two numeric characters indicating actual ridge count (less than 50). For example, a ridge count of 14, enter as 14; a ridge count of 9, enter as 09.

Pattern Type	Pattern Subgroup	NCIC FPC Code
Whorl*	Plain Whorl	
	Inner	PI
	Meeting	PM
	Outer	PO
	Central Pocket Loop Whorl	
	Inner	CI
	Meeting	CM
	Outer	CO
	Double Loop Whorl	
	Inner	DI
	Meeting	DM
	Outer	DO
	Accidental Whorl	
	Inner	XI
	Meeting	XM
	Outer	XO
Missing Amputated Finger**		XX
Scarred/Mutilated Pattern ***		SR
Approximate Fingerprint Class****		AC
Unclassifiable ****		UC

* Prior to adoption of the above method for coding whorl patterns, this pattern was divided into inner, meeting, and outer subgroups only with codes II, MM, and OO, respectively. Some older records in the file may show the codes II, MM, and OO.

** Code XX is used in instances of missing and totally/partly amputated fingers where conditions make it impossible to accurately classify an impression according to the above instructions for NCIC FPC. It is recognized that under the Henry System, if a finger is missing or amputated, it is given a classification identical to the opposite finger; however, this must not be done in the NCIC FPC because the location of finger or fingers missing/amputated is not indicated.

*** Code SR is used in instances in which the fingerprint cannot be accurately classified because of complete scarring or mutilation and a classifiable print cannot be obtained. As in the case of missing and amputated fingers, the procedure for assigning the classification of the opposite finger, as is done under the Henry System, should not be used for the NCIC FPC.

**** Codes UC and AC still exist for some legacy records in the Identity History file.

GEO 2.044 Geographic Area of Search

This field indicates the geographic area to be searched. The appropriate two letter state/territory abbreviation shall be used as listed in Appendix O. Each GEO entry shall be separated from the next by the {RS} separator character. Up to five state/territory selections can be made within the GEO field. If inclusion of all states and territories is desired, this field shall be omitted. When designating a specific state/territory within the GEO field, the search scope is limited to images previously submitted by the specified state or territory (i.e., individuals previously arrested in the designated location(s)). The GEO selection allows users to further narrow file penetration and may result in candidates being returned which would ordinarily be dropped due to low scores. Users are always encouraged to perform a second search with GEO omitted, if a GEO filtered search is not successful.

HAI 2.032 Hair Color

In this field, the three letter code is used to indicate the subject's color of hair.

HAI Values

Hair Color	Code
Bald	BAL
Black	BLK
Blond or Strawberry	BLN
Blue	BLU
Brown	BRO
Gray or Partially Gray	GRY
Green	GRN
Orange	ONG
Pink	PNK
Purple	PLE
Red or Auburn	RED
Sandy	SDY
Unknown	XXX
White	WHI

HGT 2.027 Height

This field contains the subject's height as a three character value. If reported in feet and inches, the first (leftmost) digit is used to show feet while the two rightmost digits are used to show the inches between 00 and 11. If reported in inches, then the leftmost character is "N" followed by two digits. If height is unknown, 000 is entered. The allowable range is 400 to 711 or N48 to N95. Heights outside this range will default to these limits.

HNOTI 2.2051 Hit Notification Indicator

This field shall contain a "Y" to indicate that a record should be marked for hit notification. A value of 'N' will indicate that a potential match against the associated record should not generate a UHN. The default value when omitted is "Y".

HTI 2.2024 Hit Type Indicator

This field will contain a code for the type of hit that generated an unsolicited notification. This field is used for UHN Notifications.

HTI Values

Code	Hit Type
RISC	Result of activity on a RISC Identity
FSI	Result of activity on an FSI Identity
SUPV REL	Result of activity on a Supervised Release Subject

HTR 2.028 Height Range

This field will be used to give an estimated height range to be expressed as two three-character values formatted as described for mnemonic HGT, indicating the shortest and tallest heights of the subject. For the traditional encoding of this field, the first three characters shall represent the minimum height and the second three the maximum height. There shall be no separator character used between the heights. The allowable range is 400 to 711 or N48 to N95. Heights outside this range will default to these limits.

ICO 2.056 Identification Comments

Additional miscellaneous identification remarks providing the reason for caution may be entered in this free-text field. The first character may not be a space.

IFS 2.2021 Identification Firearms Sales

This field indicates a prohibitor that may prevent the subject from the purchase of a firearm.

IFS Values

Code	Description
D	Disqualification for Firearms
X	Unknown

IMA 2.067 Image Capture Equipment

This free-text field is used to log the make, model, and serial number of the equipment used to acquire images. It is composed of three information items:

- A. Make (MAK)
- B. Model (MODL)
- C. Serial Number (SERNO) of the acquisition device

For traditional encoding, these information items shall be separated by the {US} separator character.

IMT 2.062 Image Type

This field identifies the type of image (e.g., palm prints) included in an electronic submission and response. The field definition has been modified to allow multiple occurrences in one transaction. The following table is a list of IMT values to be used to identify the records present or biometric sets being referenced in the submission or response. **Note** that the value of 2 is deprecated in favor of the new value of 6, and the values 4 and 5 are deprecated in favor of the new value of 7.

IMT Values

Image Type	Value
Fingerprint (Event)	1
Palm Print	3
Supplemental Print	6
Latent Friction Ridge	7
Composite Fingerprint	8
Photo Facial	9
Photo Scar, Mark, & Tattoo	10
Iris	11
Fingerprints on Front of Palm Card	12
Fingerprints on Back of Palm Card (Future)	13
Unknown Facial Photo (UFP)	14

LCN 2.012 FBI Latent Case Number

This field is an 11 byte alphanumeric/special assigned by the FBI LPS. As this field is for FBI LPS internal use only, this response field will be used for record-keeping purposes only.

LCX 2.013 Latent Case Number Extension

Defines extensions assigned by the FBI for each submission related to a Latent Case Number. The LCX shall be a five-digit extension starting with “00000” for the first submission and incrementing by one for each subsequent submission. The LCX shall be used only in conjunction with LCN. As this field is for FBI LPS internal use only, this response field will be used for record-keeping purposes only.

LEN 2.001 Logical Record Length

This field contains the length of the logical record specifying the total number of bytes, including every character of every field contained in the record. The number of characters added to the record by the LEN field itself shall be included in calculating the value of LEN.

MAI 2.2052 Maintenance Action Indicator

A code to indicate what maintenance operation is being requested in a maintenance type of transaction. The XMNT TOT may use “REPLACE” or “DELETE”. The SPMNT TOT may use “ADD”, “DELETE” or “REPLACE”. The DSPE TOT may use any of the MAI codes.

MAI Values

MAI Code Values	Maintenance Operations
REPLACE	Replace existing data with supplied information
DELETE	Delete existing data for referenced record
ADD	Add supplied information to existing data
APPEND	Append supplied information to existing data for referenced record

MIL 2.042 Military Code

A one letter code from the Military Code Table shall be entered in this field to indicate which branch of the United States Military submitted the enlistment transaction.

MIL Values

Military Branch	Code
Army	A
Air Force	F
Navy	N
Marines	M
Coast Guard	G

MNU 2.017 Miscellaneous Identification Number

The subject's miscellaneous identification numbers shall be entered in this field.

For traditional encoding, the format of the data shall be a two letter identifying code, followed by a hyphen (-), followed by the number itself. The size of the MNU is limited to 15 characters and as many as four miscellaneous numbers may be included in this field. Each MNU shall be separated from the next by the {RS} separator character.

The MNU Code table lists the acceptable two letter identifying codes. If "AF" or "AS" is entered, all characters following the hyphen must be numeric. Interspersed spaces are invalid. Types of numbers not listed in the table (such as driver's license) shall not be entered. Only U.S. passport numbers shall be entered; foreign numbers shall be ignored.

Note: For all U.S. Military personnel (as their Identifying Agency), the 10-digit U.S. Department of Defense Identification Number on the service member's Identification Card or Common Access Card (CAC) will be the primary number used as one of the MNU's. (Ex: U.S. Army, AS-0000000000).

MNU Values

Identifying Agency	Code
U.S. Air Force, Air Force Reserve, Air National Guard	AF
Non-Immigrant Admission Number	AN
Alien Registration Number	AR
U.S. Army, Army Reserve, Army National Guard	AS
Bureau Fugitive Index Number	BF
Canadian Social Insurance Number	CI
U. S. Coast Guard, Coast Guard Reserve	CG
Fingerprint Identification Number (DHS only)	FN
Identification Order Number	IO
U.S. Marine Corps, Marine Corps Reserve	MC
Mariner's Document or Identification Number	MD

Identifying Agency	Code
RCMP Identification or Fingerprint Section Number	MP
National Agency Case Number	NA
U.S. Navy, Navy Reserve	NS
Originating Agency Police or Identification Number	OA
Personal Identification Number (State Issued Only)	PI
Passport Number (U.S. Only)	PP
Port Security Card Number	PS
Selective Service Number	SS
Veterans Administration Claim Number	VA

MSC 2.089 Match Score

This field contains the match score from NGI for each candidate listed in the 2.064 CAN field.

MSG 2.060 Status/Error Message

This free-text field will contain reason, status, or error messages that are generated as a result of the processing of a transaction and will be sent back to the submitter. For example, an Unsolicited Unsolved Latent Delete transaction will contain the reason for the deletion of a record. For traditional encoding, each message will be separated by the {RS} separator character.

NAM 2.018 Name

This alphabetic and special character field contains the name(s) of the subject. The traditional encoding format shall be the surname followed by a comma, followed by the given names, which are separated by a space. Personal Descriptors within the NCIC Code Manual describes in greater detail the manner in which each name is to be entered. Hyphens, commas, and spaces are allowed as special characters. Numerals are not allowed. Special values of NAM to be entered in cases where the subject's name is not known are:

NAM Values	
Condition Name	Field Name
Amnesia Victim	"UNKNOWN AMNESIA,XX"
Unknown Deceased	"UNKNOWN DECEASED,XX"
Name Not Available (Other)	"DOE,JOHN" or "DOE,JANE"

NCR 2.079 Number of Candidates Returned

This optional field contains the number of candidates the submitter desires to receive in response to a biometric investigative search request per ranked candidate list, with a maximum of 99. If multiple candidate lists are to be returned in a search request, the NCR value applies to each. If the NIR in the request is greater than NCR in the request, CJIS will set NIR to the NCR value. This field is also found in the responses to a biometric investigative search where it reflects the actual total number of candidates returned in the CNL field for the entire concatenated list. For EQRR,

this field identifies the number of Identity History Summary reports that are returned in response to an EQHR.

NDR 2.098 Name of Designated Repository

This field contains the numerical designation of the repository to be searched. Repository numbers are assigned by the CJIS Division. Multiple entries in this field will indicate a desire to search more than one repository, including Canada's RTID and authorized DHS records. Multiple entries in traditional encoding will be separated by the {RS} separator.

NDR Values

NDR Value	File Name
1	Criminal Master File Records
2	Civil Records
3	Unsolved Biometric File
4	Reserved for FBI use
5	Reserved for FBI use
6	Repository for Individuals of Special Concern (RISC)
7	Canada Real Time Identification (RTID)
8	DoD Automated Biometric Identification System (ABIS)
9	DHS IDENT
10	DHS IDENT and LESC
11	RISC Wants and Warrants (W&W)
12	RISC Sexual Offender Registry (SOR)
13	RISC Known and Suspected Terrorist (KST)
14	RISC Foreign Subjects of Interest (FSI)
15	RISC Persons of Special Interest (Other)
16	Internal Use Only
17-19	Reserved for FBI Future Use
20 - 50	Reserved for Department of Defense
51 - 100	Reserved for FBI Future Use
101-199	FBI or Other Federal Organization Special Population Cognizant Files
200-399	Reserved for State/Local System
400-699	Reserved for External FBI Use
700-999	Reserved for FBI Future Use

NIR 2.2010 Number of Images Requested

This optional field contains the number of maximum candidate images the submitter desires to receive in response to a biometric investigative search request for a given candidate list. If multiple candidate lists are to be returned the NIR value applies to each. This field is also found in the responses to a biometric investigative search where it reflects the actual number of candidates with image returned in the CNL field for the entire concatenated list.

NOT 2.088 Note Field

This free-text field is used to provide additional information regarding electronic latent submissions. For latent search identification results feedback, the NOT field will be used to indicate the candidate from the SRL that matched the search image. For UHN transactions, the NOT field will contain case related information about the search transaction with the hit that generated the unsolicited notification.

OCA 2.009 Originating Agency Case Number

This field contains the one-to-twenty-character Originating Agency Case Identifier (OCA) assigned by the originating agency. This alphanumeric-special (ANS) field may contain any printable non-control 7-bit ASCII character with the exception of the period. The OCA must not begin with a space.

OCP 2.040 Occupation

This free-text field contains the subject's occupation. The OCP returned in a response is the same as the one submitted.

OFC 2.053 Offense Category

This field shall contain a "1" for a crime categorized as personal, a "2" for a crime categorized as property, and a "3" for a crime categorized as both.

PAT 2.034 Pattern Level Classifications

This grouped field contains pattern classification information about the latent finger(s) image. As such, this field shall only be included when one or more of finger positions 0-10 are being searched. The PAT field is composed of two items:

- A. Finger Position (FGP)
- B. Pattern Classification Code (PATCL)

PAT shall consist of two-character finger position code followed by the primary pattern type code as chosen from the following table. Up to two reference pattern classifications per finger are also allowed, thereby making the total number of pattern classes allowable per finger equal to three. For traditional encoding, if multiple pattern types are used for reference for the same finger, they shall be separated from each other by the {US} separator. Multiple fingers shall be separated by the {RS} separator. If submitting a Latent Fingerprint whose actual finger position is unknown, the PAT and FGP (2.074) fields are used in conjunction as follows to supply guesses for which finger position the latent print might be: place a "00" in the FGP subfield of PAT to indicate the actual position is unknown; place the actual pattern in the PATCL subfield; place one or more finger number guesses in the FGP field (2.074).

The following is a traditional encoding example of the Pattern Level Classification field with only one pattern per finger.

2.034:01 {US} WU {RS} 02 {US} LS {RS} 03 {US} LS {RS} 04 {US} LS {RS} 05 {US} LS {RS} 06 {US} RS {RS} 07 {US} RS {RS} 08 {US} LS {RS} 09 {US} RS {RS} 10 {US} RS {GS}

The following is a traditional encoding example of the Pattern Level Classification field with extra pattern references for some of the fingers.

2.034:01 {US} RS {US} WU {US} AU {RS} 02 {US} RS {US} AU {US} WU {RS} 03 {US} WU {RS} 04 {US} RS {RS} 05 {US} WU {RS} 06 {US} LS {RS} 07 {US} WU {RS} 08 {US} AU {RS} 09 {US} AU {RS} 10 {US} WU {US} AU {GS}

PAT Values

Two characters represent each finger as follows:

Finger Position	Code
Right Thumb	01
Right Index	02
Right Middle	03
Right Ring	04
Right Little	05
Left Thumb	06
Left Index	07
Left Middle	08
Left Ring	09
Left Thumb	10

The following is a list of acceptable CJIS pattern level fingerprint classifications.

Pattern	Code
Arch, Type Not Designated	AU
Whorl, Type Not Designated	WU
Right Slant Loop	RS
Left Slant Loop	LS
Complete Scar	SR
Amputation	XX
Unable to Print (e.g., bandaged)	UP
Unable to Classify	UC

PEN 2.078 Penetration Query Response

This field provides a response to the penetration query that includes a set of search parameters for

a new search. The response will be an estimated size, in percentage, of the repositories that will be searched given the input parameters.

PHT 2.036 “Photo Available” Indicator

If a photograph of the subject is available, this field shall contain a "Y"; otherwise, the field shall be omitted.

POB 2.020 Place of Birth

The subject’s place of birth shall be entered in this field. Indicate in this POB field the state (Mexico or United States), territorial possession, province (Canada), or country of birth. The appropriate two letter abbreviation shall be used as listed in Appendix O. The criteria listed below shall also be considered when assigning POB.

POB Values

If the following conditions exist	Enter Code
POB stated as state AND country and applicable code not contained in Code Table; OR city can be ascertained as not being located in the United States; OR foreign POB and applicable code not contained in Code Table	YY
POB stated as only city AND city can be ascertained as being located in the United States	US
POB is Mexico or any Mexican state or province not in Code Table	MM
POB is “Mexico, Mexico”	MX
POB is unknown	XX

POC 2.2072 Point of Contact

This grouped field contains contact information associated with a biometric/identity enrolled in the RISC or SPC file. It is composed of two information items:

- A. Name (organization or person)
- B. Phone Number

Note: For those submissions containing a Tier Level of 2 (Contact Information Only) in the 2.2046 TLI field, the 2.2072 POC field will be required on the submission.

POS 2.2036 Subject Pose

Please refer to ANSI/NIST-ITL for the definition and values for field 10.020 POS.

PPA 2.035 “Palm Print Available” Indicator

If palm prints are available, this field shall contain a "Y"; otherwise, the field shall be omitted.

PPD 2.2030 Print Position Descriptors

This field will be present if and only if the finger position code (19) appears in Field 2.074. This field will consist of two mandatory information items:

- A. The probable integer finger position code (0-10) taken from finger position table.
- B. The code taken from Table P-1, found in Appendix P, to indicate the portion of the EJI or tip image that is a part of the transaction.

PPD 2.2028E, 2.2032G, 2.2033F Print Position Descriptors

This PPD is an information item included within other fields. This item will be present if and only if the Friction ridge Generalized Position code (FGP) or the Friction ridge Number(s) Requested (FNR) code (19) appears in the field. These instances of PPD shall consist of a string containing two mandatory pieces of information. The first is the Probable Decimal finger Position code (0-10) taken from the ANSI/NIST-ITL specification. The finger position must include a leading zero for positions 0 through 9. The second information item is the Finger Image Code; it also is taken from the ANSI/NIST-ITL specification to indicate the portion of the EJI or tip image. Examples of valid values are: 01EJI or 10TIP.

RAC 2.025 Race

This field is used to indicate the race of the subject.

RAC Values

If Subject Is	Enter Code
Chinese, Japanese, Filipino, Korean, Polynesian, Indian, Indonesian, Asian Indian, Samoan, or any other Pacific Islander	A
A person having origins in any of the black racial groups of Africa	B
American Indian, Eskimo, or Alaskan native, or a person having origins in any of the 48 contiguous states of the United States or Alaska who maintains cultural identification through tribal affiliation or community recognition	I
Of indeterminable race	U
Caucasian, Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, Regardless of race	W

RAP 2.070 Request for Electronic Rap Sheet

The purpose of this field is to allow the contributor to optionally request an electronic Identity History Summary (IdHS) of the identity. An NIDR is returned if the submission results in a non-identification. A "Y" in this field indicates that a text IdHS is desired, an "X" indicates that an XML Rap Sheet response is desired, while an omitted field or an "N" in this field indicates that no IdHS should be returned with the response.

RAR 2.2047 Return All Records Indicator

This field is used to indicate that a search includes all Rap Back Subscriptions that are routed

through the sending ORI. If omitted the default is "N", where only subscriptions owned by the sending ORI are searched and returned.

RBATN 2.2070 Rap Back Attention Indicator

This field shall contain a Subscriber-designated individual or Section to whose attention any inquiry or notification on a Rap Back Subscription should be directed within the Subscribing Entity, and a 24/7 contact number. The RBATN is returned on some Identity History Summaries provided to criminal justice agencies for criminal justice purposes.

RBC 2.2065 Rap Back Category

Used to identify the correct category of the subscription so that NGI will use correct Purpose Code when generating criminal history information. Category is a required field that must have one of the following values. The resulting Purpose Codes are also listed:

RBC Values

Rap Back Category	Category Code	Purpose Code
Volunteer, Child Care/School Employee, Non-Criminal Justice Employment and Licensing	I	I
Criminal Justice Employment	J	J
Criminal Justice Investigative	CI	C
Criminal Justice – Supervision	CS	C
Security Clearance Information Act	S	S

RBDI 2.2067 Rap Back Disclosure Indicator (Criminal Subscriptions Only)

This field is used for criminal justice subscriptions, to indicate whether the Rap Back Subscription should be visible on Rap Sheets generated to other criminal justice agencies. This field should contain a "Y" to indicate that Criminal Rap Back Subscription information should be included as Identity History Summary information. The default is "N".

RBMI 2.2039 Rap Back Maintenance Indicator

This field is used in the Rap Back Maintenance Request (RBMNT) to indicate the type of maintenance action being requested as defined in the Rap Back Maintenance Request section of this document.

RBMI Values

Code Value	Format Description
R	Replace Rap Back Subscription data on file with that provided in the request
D	Delete Rap Back subscription data provided in request that matches what is on file
A	Append Rap Back subscription data provided in request to that on file
C	Cancel the Rap Back subscription
N	Renew the Rap Back subscription (Currently not being used)
U	Un-cancel a cancelled Rap Back subscription

RBNF 2.2062 Rap Back Activity Notification Format

This field indicates whether the subscriber wishes Rap Back Activity Notification Format to be Pre-notification, Triggering Event, or Triggering Event with Identity History Summary. This field is mandatory in establishing a Rap Back Subscription. Subscribers must choose a value from the table below; there is no default value.

RBNF Values	
Code Value	Format Description
1	Pre-notification
2	Triggering Event
3	Triggering Event and Identity History Summary

RBNI 2.2041 Rap Back Activity Notification Indicator

This number is provided to the Subscriber within the Rap Back Activity Notification when a reported event matches against one of their Rap Back subscriptions in NGI. If the Subscriber indicated “Pre-Notification” or “Triggering Event” in the Rap Back Activity Notification Format field when setting the subscription, they will use the Rap Back Identity History Summary Request transaction to see the updated criminal history record information of the person. The Subscriber must use the RBNI in the RBIHS request.

RBOO 2.2063 Rap Back Opt Out In-State Indicator

This field is set by the Submitter, to indicate NGI should not send the Submitter notifications of Criminal Retain Submission events originating from within the Submitter’s own state. The default value is "N", NGI sending notifications of all Criminal Retain Submissions. A value of "Y" must be provided on all subscriptions for which Submitter wishes to opt-out of in-state notifications of Criminal Retain Submissions.

RBR 2.2020 Rap Back Recipient

This field is used by the Subscriber to designate the ORIs of additional recipients of Rap Back Notifications under the authority of a Rap Back Subscription.

RBSD 2.2054 Rap Back Subscription Date

This field represents the Date that a Rap Back Subscription was created by NGI.

RBSI 2.2048 Rap Back Subscription Identifier

This field is a unique number assigned by NGI that identifies the subscription as a whole. It is provided back to the Rap Back Submitter/Subscriber when the subscription is established. This identifier is required to perform maintenance on an existing subscription.

RBSL 2.2050 Rap Back Subscription List

A comma-separated values (CSV) file is used to return Subscription Lists to Subscribers. See the EBTS description of Rap Back Subscription List Response (RBRPTR) for more information.

Please note that double quotes are used in two different ways within the CSV file:

1. To distinguish between a comma delimiter and a comma used within a field.
For Example, the name John Doe would be represented in the CSV file as "Doe, John".
If the double quotes were not used, then 'Doe' and 'John' would be considered two separate field values.
2. To distinguish between subfields (Triggers, User Defined Field Name, User Defined Field Content)
For example, there may be multiple triggers associated with one subscription, and all of those triggers would be 'listed' under the column heading of 'Trigger Event(s)'
A Carriage Return Line Feed (CRLF) is used to separate them. For example,
"Criminal Retain Submissions
Want Addition
Want Deletion"

RBST 2.2071 Rap Back Subscription Term (Civil Subscriptions Only)

This field is an optional field as there are currently no fees associated with Rap Back Services. If fees were to be reinstated this would then be used to indicate the Length of the Term of a Rap Back Subscription.

RBST Values Table - Currently Not Used

RBT 2.2040 Rap Back Trigger

This field allows a Rap Back Subscription to specify which Events will cause future notifications to the Subscriber. All Subscriptions will have "Criminal Retain Submissions" as a triggering event. The Subscriber can choose additional triggers from the table below, if desired. The "Civil Retain Submission" trigger will only be allowed for those federal agencies authorized to receive those events.

RBT Values

RBT Code Value	Format Description
1	Criminal Retain Submission
2	Dispositions
3	Civil Retain Submission
4	Expungement/Partial Expungement
5	Want Addition
6	Want Deletion

RBT Code Value	Format Description
7	Want Modification
8	Sexual Offender Registry Addition
9	Sexual Offender Registry Deletion
10	Sexual Offender Registry Modification
11	External
12	Death Notices with Fingerprints
13	Death Notices without Fingerprints
14-40	Reserved for FBI Future Use

RBTD 2.2049 Rap Back Term Date

The Rap Back Subscription Term will not be used at this time, as there are currently no fees associated with Rap Back Services. The field remains available in case Rap Back fees are reinstated.

RBTD 2.2069 Rap Back Triggering Event Details

This set of data elements provides detailed information about the event that triggered the Rap Back Notification (RBN). This field consists of a set of three information items:

- A. DORBE - Date of Rap Back Event
- B. RBT - Rap Back Trigger
- C. RBEI - Rap Back Event Information

RBUD 2.2064 Rap Back User Defined

Appropriate use is determined by the Submitter. Each User Defined field is actually a set of two fields:

- A. Rap Back Field Name - a 50 character field in which the Subscriber can place a user-defined name for this field
- B. Rap Back Field Text - a 100 character field in which the Subscriber places the user-defined text information.

The Rap Back Field Text can contain additional linking information for the subscription such as SID, TCN, or OCA; more detailed contact information; reminder notes regarding the subscription; or any other relevant information. These fields are not disseminated on an Identity History Summary, rather they are returned to the SIB or Federal Submitting Agency with the Rap Back Activity Notifications.

RBXD 2.2015 Rap Back Expiration Date

This field represents the Date a Rap Back Subscription expires under the Subscriber's Privacy Strategy. Prior to expiration, the Subscription Record will be included in a monthly expiration list for validation processing.

RCD1 2.091 Ridge Core Delta One for Subpattern Classification

This grouped field contains information about the finger(s) ridge counts and is used for Native Mode searches in conjunction with the Pattern Level Classification (PAT 2.034). It is composed of two information items:

- A. Finger Position (FGP)
- B. Ridge Count Number 1 (RCN1)

RCD2 2.092 Ridge Core Delta Two for Subpattern Classification

This grouped field contains information about the finger(s) ridge counts and is used for Native Mode searches in conjunction with the Pattern Level Classification (PAT 2.034). It is composed of two information items:

- A. Finger Position (FGP)
- B. Ridge Count Number 2 (RCN2)

For traditional encoding, the two-character finger position code as specified for the related Pattern Level Classification (PAT) is followed by the {US} separator and at least one RCN2. Each pattern classification PATCL specified in the tagged field 2.034 must be accompanied by two ridge count indicators, one in RCD1 and one in RCD2 as described in the following table. If multiple RCN2s are used for reference to the same finger, they shall be separated from each other by the {US} separator. Multiple fingers, if provided, shall be separated by the {RS} separator.

The Ridge Count Number (RCN1 and RCN2) represents the number of ridges between the core and the delta. For right and left slant loops, this count identifies the ridges crossed on a line between the core and the delta. For whorls, both the RCN1 and the RCN2 values have meaning. Permissible values are 1 to 30 for actual ridge counts and 30 if there are more than 30 ridges. The count of 31 indicates an unknown number of ridges, and 0 indicates that the ridge count is not applicable.

The following traditional encoding example shows the relationship between the Pattern Level Classification (2.034), Ridge Core Delta 1 (2.091) and Ridge Core Delta 2 (2.092) fields where only the primary classification for each finger is given. In this case, one PATCL, one RCN1, and one RCN2 are associated with each finger. Spaces are shown for clarity only.

```
2.034:01 {US} WU {RS} 02 {US} LS {RS} 03 {US} AU {RS} 04 {US} XX ... {RS} 10 {US} WU {GS}
2.091:01 {US} 9 {RS} 02 {US} 4 {RS} 03 {US} 0 {RS} 04 {US} 0 ... {RS} 10 {US} 14 {GS}
2.092:01 {US} 7 {RS} 02 {US} 0 {RS} 03 {US} 0 {RS} 04 {US} 0 ... {RS} 10 {US} 21 {GS}
```

The following example of the Pattern Classification (2.034) field includes two reference classifications for finger 01, only a primary classification for finger 07, and one reference classification for finger 09. Each PATCL in 2.034 requires a corresponding RCN1 and RCN2 in fields 2.091 and 2.092. Spaces are shown for clarity only.

2.034:01 {US}RS {US}WU {US}AU {RS}07 {US}XX {RS}09 {US}AU {US}LS {GS}
 2.091:01 {US}9 {US}9 {US}0 {RS}07 {US}0 {RS}09 {US}0 {US}8 {GS}
 2.092:01 {US}0 {US }11 {US}0 {RS}07 {US}0 {RS}09 {US}0 {US}0 {GS}

RCD Values

Pattern	Code	RCN1	RCN2
Arch, Type Not Designated	AU	0	0
Whorl, Type Not Designated	WU	1-31	1-31
Right Slant Loop	RS	1-31	0
Left Slant Loop	LS	1-31	0
Complete Scar	SR	0	0
Amputation	XX	0	0
Unable to print (e.g., bandaged)	UP	0	0
Unable to Classify	UC	0	0

REC 2.082 Response Code

This field will contain allowable values of "Y" or "N." This field is used in the PDR and PRR transactions to indicate the status of the corresponding request. If the request contains any errors, the response code (REC) will be set to "N." Otherwise it will be set to "Y."

RES 2.041 Residence of Person Fingerprinted

This is a free-text field, including printable special characters and formatting characters (CR, LF, TAB) that is used for the residential address of the person fingerprinted. The RES returned in a response is the same as the one submitted.

RET 2.005 Retention Code

This field indicates whether the information submitted as a part of a transaction is to be retained as a permanent part of the FBI's Master File. Submit a "Y" for yes or an "N" for no.

RFP 2.037 Reason Fingerprinted

This field is used to indicate the purpose of a civil or applicant fingerprint card submission. Commas, spaces, dashes, hyphens, and slashes are all allowed as special characters. The submitting agency should indicate the specific statutory authority authorizing the fingerprint submission in this field.

Agencies may choose to use standard terms in this field related to the purpose of the fingerprint submission instead of the specific statutory authority. The standard reasons are:

- Firearms
- Volunteer
- Criminal Justice Employment

- Child Care/School Employee
- Other Employment and Licensing

Note: The use of RFP requires coordination with FBI prior to use.

RFR 2.095 Request Features Record

This one-character field is used to indicate a user's desire to have CJIS return a Type-9 features record associated with an image requested during an Image Request or Latent Investigative Search. For an Image Request, the features or template will be returned in extended feature set of the Type-9 returned. For the Latent Investigative Search, the features and matched minutiae will be returned to allow for an overlay on the image for comparison purposes. An extended feature set will be returned if the RFR value equals "Y". A features record will not be returned if the field is omitted (its use is optional) or if the value of RFR equals "N".

RPR 2.096 Request Photo Record

This one-character field is used to indicate a user's desire to have CJIS return a Type-10 photo record if one is on file and disseminable. Allowable values for this field are "Y" and "N".

RSC 2.2102 Reason Supervision Cancelled

This 300 character free-text field is used by an agency requesting cancellation of a supervisory notification to indicate the reason a supervised release notification is being cancelled (e.g., supervision/parole/probation revoked, remanded to custody or prison, supervision completed, supervision cancelled, etc.). This field allows any 7-bit non-control character.

RSR 2.065 Repository Statistics Response

This field contains a file generated by the NGI Latent Friction Ridge system that provides detailed statistics that can be used to estimate the level of penetration of the repository given a set of search parameters defined in the search request. This field is in the form of a large ASCII file that can contain up to 96,000 bytes of alphanumeric-special (ANS) data. This field contains five items separated by tab characters:

- A. Parameter name
- B. Parameter Value
- C. The fraction of the Criminal file having that value of the parameter
- D. The fraction of the Civil file having that value of the parameter
- E. The fraction of the combined Criminal and Civil files having the value of the parameter.

In the traditional encoding formatting, the fields are separated with "whitespace" (spaces and/or tabs) with MS DOS end-of-line convention (CR/LR). A period character is used as a decimal point in the fraction values. The value should be interpreted as the proportion of records matching that category and code. Data rows containing all zeroes will not be returned. See RSR Data Tables for

examples and allowed parameter names.

RSR Response Example Values

Parameter	Value	Criminal	Civil	Combined
RACE	U	0.027	0.015	0.025
RACE	A	0.015	0.218	0.12
GENDER	X	0.001	0	0.001
GENDER	M	0.748	0.692	0.723
DOB	UNK	0.001	0.001	0.001
DOB	0	0	0.003	0.003
DOB	1	0.001	0.002	0.002
POB	AL	0.012	0.02	0.022
ARREST	TX	0.303	0.27	0.432
FINGER	0	0	0	0
FINGER	1	0.901	0.923	0.924
PALM	21	0.072	0	0.07
EJI	LEFT	0.081	0	0.08
EJI	DST01	0.038	0	0.035
ARCH	2	0.27	0.38	0.47
LEFTSLT	3	0.432	0.295	0.552
RIGHTSLT	4	0.47	0.501	0.59
WHORL	5	0.283	0.244	0.372

RSR File Category Specification

Definition	Parameter	Parameter Size	Parameter Values
Race	RACE	5	U, A, B, I, W
Gender	GENDER	7	X, M, N, G, Y, F, Z
Year of Birth	DOB	101	UNK, or last two digits of year
Place of Birth	POB	422	EBTS defined in Appendix O
Place of Arrest	ARREST	422	EBTS defined in Appendix O
Finger Positions	FINGER	11	EBTS defined finger codes: 00-10
Hand Positions	PALM	17	EBTS defined palm codes 20-36
EJI Positions	EJI	30	EBTS defined joint image segments for each finger. PRX01, DST01, PRX02, MED02, DST02, etc. and LEFT/RIGHT when only full EJI is identified
Arch	ARCH	10	EBTS defined finger codes: 01-10
Left Slant Loop	LEFTSLT	10	EBTS defined finger codes: 01-10
Right Slant Loop	RIGHTSLT	10	EBTS defined finger codes: 01-10
Whorl	WHORL	10	EBTS defined finger codes: 01-10

SCNA 2.086 Subject Control Number

This field contains an identifier used to track or reference unsolved records. Legacy records that were deposited in the ULF prior to NGI Increment 3 will be referenced with their legacy SCNA. All other unsolved records will be referenced with a UCN in this field. The SCNA field is used, for example, to reference records in the ULF or UPF in the response to a latent or facial investigative

search respectively.

SCO 2.007 Send Copy To

The purpose of this 9-to-19-character alphanumeric-special (ANS) field is to indicate that additional electronic responses need to be forwarded to agencies other than the contributor by the State Identification Bureau. The first nine characters shall be alphanumeric and shall contain the ORI for an agency who is to receive a copy of the response. At the option of the transmitting agency, the ORI may be expanded to a size of 19 characters, with 10 characters of alphanumeric-special (ANS) data appended to the end to assist in proper routing of the responses. However, no {US} or {RS} separator may be used between the ORI and routing extension (use any printable non-control ASCII special character (e.g., a slash) as a separator). Upon receiving an electronic response, the State Identification Bureau will forward a copy of the electronic response to each agency listed in the "SEND COPY TO" block.

SDOB 2.2007 Submitted Date of Birth

A date of birth as provided in a submission.

SED 2.2100 Custody or Supervisory Status End Date

This field contains the end date for the subject's indicated custody or supervisory status. The date shall appear as an eight-digit number in the same format as specified in Section 1.1 of this appendix. The SED may not be less than the SSD and may not exceed 99 years from the record DOB.

SEX 2.024 Sex

This field is used to report the gender of the subject.

SEX Values

If Following Condition Exists	Enter Code
Subject's gender reported as female	F
Occupation or charge indicated "Male Impersonator"	G
Subject's gender reported as male	M
Occupation or charge indicated "Female Impersonator" or transvestite	N
Male name, no gender given	Y
Female name, no gender given	Z
Unknown gender	X

SID 2.015 State Identification Number

This field contains any known state or territory identification number. The traditional encoding format is the standard two character abbreviation of the state name followed by the number.

Embedded spaces are not permitted. SIDs from Oregon and Pennsylvania may contain a hyphen in the last position. The SID returned in a response is dependent upon the search results.

SII 2.2023 Supplementary Identity Information

This field will contain identity information not within the scope of the standard NGI Identity History Summary. The format and content of the information in this field may vary for different transactions.

SLE 2.055 Custody or Supervisory Literal

This field contains the free-text description of the subject's custody or supervision status. The first character must not be a space. Entry of SLE requires that SSD and OCA also be entered.

SMD 2.2058 SMT Descriptors

This field is used to describe the content of the SMT image to an extent that is greater than documented in Field 2.026: NCIC SMT code / SMT. It shall consist of one or more sets of information items. An SMT image consisting of several parts or sub-images shall use occurrences to fully describe the various parts or features found in the total image. The first occurrence shall describe the most predominant feature or sub-image contained in the SMT image. Subsequent occurrences shall describe additional portions of the image that are not part of the main or central focal point of the image. For example, a tattoo consisting of a man with a snake on the arm being followed by a dog may consist of three occurrences: one describing the man, a second describing the snake, and a third describing the dog. SMD consists of the following information items:

- A. SMI shall identify the type of SMT. SMI values are described in the SMI table below.
- B. TAC shall be the general class code of tattoo chosen from the "Class Code" column of ANSI/NIST-ITL 1-2011 Table 67. This information item does not apply to scars and marks.
- C. TSC shall be the appropriate subclass code selected from ANSI/NIST-ITL 1-2011 Table 67. For each general class of tattoo, there are several defined subclasses. This information item does not apply to scars and marks.
- D. TDS shall be an optional text string that provides additional qualifiers to describe the image or portion of the image. This information item does not apply to scars and marks.

SMI Values

Value	Description
SCAR	Indicate healed scar tissue that was the result of accident or medical procedure.
PIERCING	A deliberately made hole through body tissue, usually to wear body ornamentation.
MARK	Used for the pattern resulting from needle or track marks.
TATTOO	For deliberately applied or drawn images (common tattoo) or indelible image resulting from the pricking of the skin with a coloring matter.
CHEMICAL	The image was created by the use of chemicals to burn the image into the skin.
BRANDED	The image was burned into the skin using a branding iron or other form of heat.
CUT	The image was caused by incision of the skin.*

*The value for this information item is selected from the "Image sub-code" column of ANSI/NIST-ITL 1-2011 Table 58.

SMS 2.2055 SMT Size or Size of Injury or Identifying Characteristic

This optional field shall contain the dimensions of the portion of image contained in this record (it may be the entire scar, mark, tattoo, injury or identifying characteristic). It shall consist of two information items: height / HGT and width / WID. Each dimension shall be entered to the nearest centimeter.

SMT 2.026, 2.2028G, 2.2032I, 2.2033M, 2.2061D Scars, Marks and Tattoos

For each scar, mark, or tattoo present on the subject, the appropriate NCIC code shall be used in this information item. Spaces are allowed as special characters.

SNAM 2.2008 Submitted Name

A name as provided in a submission that is formatted the same as other name fields (2.018 NAM).

SOC 2.016 Social Security Account Number

This field contains the subject's Social Security number if known. This number shall be entered as nine consecutive digits with no embedded punctuation characters. No foreign social security numbers shall be used.

SRA 2.2104 Supervised Release Action

A code from the following table is used by the contributor to indicate the type of action desired when submitting a Supervised Release Notification Request (SRNR). The minimum length and maximum length 3 bytes. The SRA and the CRI are both mandatory when the SRNR TOT is used. For supervision transfers, the Transfer Agency Supervision (TAS) code is used with the Supervision Transferred to (STT) field to identify the new supervision agency.

SRA Values	
If the following condition exists:	Enter Code
Establish Agency Supervision	EAS
Cancel Agency Supervision	CAS
Transfer Agency Supervision	TAS

SRF 2.059 Search Results Findings

This field is used in responses to submissions and contains a single character indicating the results of a comparison. The following table outlines the valid values, their meanings, and transactions which may contain those values. SRF values that are specific to a single request TOT reflect the request and response TOTs with a dash between them (e.g., FDSP-SRE), where only the response TOT contains the SRF field.

SRF Values

Value	Definition	TOT
C	Inconclusive	BDEC, LSR
D	Deferred for manual processing	SRE (FDSP)
G	Green - No Hit	RPISR
I	Identification	BDEC, LSR, SRE (IIDS), SRE
M	Match of Images Submitted	SRE (FVR)
N	Non-Identification	BDEC, LSR, SRE (IIDS), SRE
P	Pending Verification of Identification	BDEC, LSR
R	Red - Hit on Potential Candidate, High Confidence Match	RPISR, UHN
Y	Yellow - Probable Candidate, Potential Match	RPISR, UHN, BDEC
X	Not a Match of Images Submitted	SRE (FVR)
Z	Disposition posted but no biometric search was performed.	SRE (FDSP)

SSD 2.054 Custody or Supervisory Status Start Date

This field contains the start date for the subject's custody or supervisory status. The date shall appear as specified in Section 1.1 of this appendix. This date field shall contain the local date for the region submitting the request. The SSD may not be less than DOA. The SSD shall not exceed the current date.

SST 2.2101 Supervised Status Type

This field contains a three byte code that indicates the type of supervised release. If necessary, multiple types may be used for a supervised release notification.

SST Values

If Following Conditions Exist	Enter Code
Bail Supervision	BLS
Conditional Release	CDR
Mandatory Release	MAN
Parole	PAR
Probation	PRO
Pretrial Diversion	PTD
Special Parole Term	SPT
Supervised Release	SUR

STT 2.2103 Supervision Transferred To

The purpose of this field is to indicate that a Supervisory Agency who has an active supervised notification request attached to the Identity History wishes to transfer supervision of the offender to another supervisory agency. The characters shall be alphanumeric and shall contain the Originating Agency Identifier (ORI) for the agency who will become responsible for the offender's supervision. This field is mandatory when the SRA type is Transfer Agency Supervision (TAS).

TAA 2.087 Treat as Adult

A one-byte optional field to indicate whether a juvenile is to be processed as an adult. A "Y" indicates yes; an omitted field indicates no. The TAA returned in a response is the same as the one submitted.

TCL 2.2059 Tattoo Color

This field may contain multiple occurrences, each corresponding to an occurrence contained in Field 2.2058: SMT descriptors / SMD. Each occurrence shall contain up to 6 information items that list the color of the tattoo or part of the tattoo. For each occurrence, the first information item shall be the predominant color of the tattoo, chosen from ANSI/NIST-ITL 1-2011 Table 68. Additional colors may be entered as optional subsequent information items of the form tattoo color code n / TCn (n=2 through 6). There need not be more than one information item.

TLI 2.2046 Tier Level Indicator

A one-byte field to indicate what level of dissemination is appropriate for a retained RISC or RISC Special Interest enrollment. The values should be chosen from the table below. The default value is "1" when this field is omitted.

TLI Values

Definition	Code
Share ALL	1
Limited Sharing	2
Silent Hit	3
Limited Sharing - Not Foreign Dissemination	4
Federal Sharing	5

TSR 2.043 Type of Search Requested

A one byte code shall be entered in this field from the following table to indicate the type of record being submitted. The field is applicable to the NFUF, CPDR, FNDR, NNDR, CPNU, DOCE, EMUF, and NFUE transactions.

TSR Values

Type of Record	Code	Applicable TOT
Confidential Screening	C	CPDR, FNDR, NNDR
Suppress/Modify Unsolicited Want/SOR Notification (Non-Urgent Criminal)	H	CPNU**
Pre-commission candidate record with fingerprints	P	NFUF, DOCE, EMUF, NFUE
Civil submission in support of the National Child Protection Act of 1993	V	NFUF*, NFUE*

* When submitting fingerprints using a TSR of V, the contributing agency should specify either the VCA/NCPA or a state statute in the RFP field. To be charged at the volunteer rate, the word "volunteer" must appear with or without the statute.

** For Internal FBI use only.

ULF 2.083 Unsolved Biometric File

This field is used to designate whether a latent image, features record, or unsolved facial photo in a search should be added to the respective unsolved biometric file . Submit a "Y" for yes. If negative, submit "N". If the field is omitted, the default behavior will be "N".

ULR 2.2034 Unsolved Latent Retained

This field is used in a Biometric Decision Submission (BDEC) when the decision is a positive identification and the user requests that the unsolved record be retained in the unsolved file. A value of "Y" indicates that the latent record should be retained in the ULF. No value or a value of "N" indicates that the user does not want the unsolved record retained.

WGT 2.029 Weight

In this field, the subject's weight in pounds is entered. If weight is unknown, 000 is entered. All weights in excess of 499 pounds will be set to 499 lbs. WGT must be in the range 050 to 499 lbs. (however, there is no minimum range limit for missing persons or unknown persons).

WTR 2.030 Weight Range

If a range of weight is given, it shall be expressed as two three digit numbers indicating the minimum and maximum weights (in pounds) of the subject. There shall be no separator character used between the weights. WTR must be in the range 050 to 499 lbs. (however, there is no minimum range limit for missing persons or unknown persons).

C-1 Field Edit Specifications for Type-2 Elements

Field Number	Identifier	Field Name	Character	Field Size (not including Character Separators)		Occurrences		Example	Comments/Special Characters
				Min	Max	Min ¹	Max		
2.001	LEN	LOGICAL RECORD LENGTH	N	2	7		1	2.001:909{GS}	
2.002	IDC	INFORMATION DESIGNATION CHARACTER	N	1	2		1	2.002:00{GS}	
2.003	FFN	FBI FILE NUMBER	N	10	10		1	2.003:2537597861{GS}	
2.005	RET	RETENTION CODE	A	1	1		1	2.005:Y{GS}	
2.006	ATN	ATTENTION INDICATOR	ANS	3	30		1	2.006:SA J Q DOE,RM 11867{GS}	Any printable 7-bit ASCII character with the exception of the period is allowed.
2.007	SCO	SEND COPY TO	ANS	9	19		9	2.007:NY030025P{GS}	
2.009	OCA	ORIGINATING AGENCY CASE NUMBER	ANS	1	20		1	2.009:Q880312465{GS}	Any printable 7-bit ASCII character with the exception of the period is allowed
2.010	CIN	CONTRIBUTOR CASE IDENTIFIER NUMBER	SET				5	2.010:INCIDENT NUMBER{US}1963BRT715{GS}	Any printable 7-bit ASCII character is allowed.
			ANS	1	24	1	1		
A	CIN_PRE	CONTRIBUTOR CASE PREFIX	ANS	1	24		1		
			ANS	1	24	1	1		
B	CIN_ID	CONTRIBUTOR CASE ID	ANS						
2.011	CIX	CONTRIBUTOR CASE IDENTIFIER EXTENSION	N	2	4		5	2.011:23{GS}	
2.012	LCN	FBI LATENT CASE NUMBER	ANS	11	11		1	2.012:MX-12345678{GS}	The only special character allowed is a hyphen
2.013	LCX	FBI LATENT CASE EXTENSION	N	5	5		1	2.013:98765{GS}	
2.014	FBI	FBI NUMBER/UCN	AN	1	9		1000	2.014:62760NY12{GS}	
2.015	SID	STATE IDENTIFICATION NUMBER	ANS	3	10		1000	2.015:NY12345678{GS}	OR and Pa may use a hyphen in the last position
2.016	SOC	SOCIAL SECURITY ACCOUNT NUMBER	N	9	9		4	2.016:220565855{GS}	
2.017	MNU	MISCELLANEOUS IDENTIFICATION NUMBER	ANS	4	15		4	2.017:PP-1234567890P{GS}	A hyphen is allowed as a special character
2.018	NAM	NAME	AS	3	50		1	2.018:JONES,ANTHONY P{GS}	Commas, hyphens, and spaces are all allowed as special characters.

¹ For shaded cells in the minimum occurrences column, please reference tables D-1, E-1, and I-1 for field occurrences.

C-1 Field Edit Specifications for Type-2 Elements

Field Number	Identifier	Field Name	Character	Field Size (not including Character Separators)		Occurrences		Example	Comments/Special Characters
				Min	Max	Min ¹	Max		
2.019	AKA	ALIASES	AS	3	50		10	2.019:JONES,TONY{RS},JONES,AP{GS}	Commas, hyphens, and spaces are all allowed as special characters.
2.020	POB	PLACE OF BIRTH	A	2	2		1	2.020:VA{GS}	
2.021	CTZ	COUNTRY OF CITIZENSHIP	A	2	2		10	2.021:US{GS}	
2.022	DOB	DATE OF BIRTH	N	8	8		5	2.022:19790815{GS}	
2.023	AGR	AGE RANGE	N	4	4		1	2.023:1619{GS}	Estimated age range entered using a pair of two digit numbers with no separator between them.
2.024	SEX	SEX	A	1	1		1	2.024:M{GS}	
2.025	RAC	RACE	A	1	1		1	2.025:W{GS}	
2.026	SMT	SCARS, MARKS, AND TATTOOS	AS	3	10		10	2.026:TAT R ARM{GS}	Spaces are allowed as special characters.
2.027	HGT	HEIGHT	AN	3	3		1	2.027:601{GS}	
2.028	HTR	HEIGHT RANGE	AN	6	6		1	2.028:508603{GS}	
2.029	WGT	WEIGHT	N	3	3		1	2.029:182{GS}	
2.030	WTR	WEIGHT RANGE	N	6	6		1	2.030:175190{GS}	
2.031	EYE	EYE COLOR	A	3	3		1	2.031:BLU{GS}	
2.032	HAI	HAIR COLOR	A	3	3		1	2.032:BRN{GS}	
2.033	FPC	NCIC FINGERPRINT CLASSIFICATION	AN	20	20		1	2.033:AXXP158PMXMX62POTTDI{GS}	
2.034	PAT	PATTERN LEVEL CLASSIFICATIONS	SET				10	2.034:01{US},WU{RS},02{US},LS{RS},03{US},LS{RS},04{US},LS{RS},05{US},LS{RS},06{US},RS{RS},07{US},RS{RS},08{US},LS{RS},09{US},RS{RS},10{US},RS{RS}{GS}	
				2	2	1	1		
				2	2	1	3		
2.035	PPA	PALM PRINTS AVAILABLE INDICATOR	A	1	1		1	2.035:Y{GS}	
2.036	PHT	PHOTO AVAILABLE INDICATOR	A	1	1		1	2.036:Y{GS}	
2.037	RFP	REASON FINGERPRINTED	ANS	1	75		1	2.037:CONSIDERING FOR EMPLOYMENT{GS}	Commas, spaces, dashes, hyphens, and slashes are all allowed as special characters
2.038	DPH	DATE PRINTED	N	8	8		1	2.038:19950324{GS}	
2.039	EAD	EMPLOYER AND ADDRESS	ANS	1	120		1	2.039:ACE CONSTRUCTION COMPANY,327 MAPLE AVE, BUFFALO,NY{GS}	Any printable 7-bit ASCII character is allowed.
2.040	OCF	OCCUPATION	ANS	1	50		1	2.040:PLUMBER{GS}	Any printable 7-bit ASCII character is allowed.

¹ For shaded cells in the minimum occurrences column, please reference tables D-1, E-1, and I-1 for field occurrences.

C-1 Field Edit Specifications for Type-2 Elements

Field Number	Identifier	Field Name	Character	Field Size (not including Character Separators)		Occurrences		Example	Comments/Special Characters
				Min	Max	Min ¹	Max		
2.041	RES	RESIDENCE OF PERSON FINGERPRINT-ED	ANS	1	120		1	2.041:3021 OAK LEAF DRIVE, BUFFALO NY, USA., 14221{GS}	Any printable 7-bit ASCII character is allowed.
2.042	MIL	MILITARY CODE	A	1	1		1	2.042:M{GS}	
2.043	TSR	TYPE OF SEARCH REQUESTED	A	1	1		1	2.043:P{GS}	
2.044	GEO	GEOGRAPHICAL AREA OF SEARCH	A	2	2		5	2.044:MD{GS}	
2.045	DOA	DATE OF ARREST	N	8	8		1	2.045:19950324{GS}	
2.046	DOS	DATE OF ARREST - SUFFIX	A	1	1		1	2.046:L{GS}	
2.047	ASL	ARREST SEGMENT LITERAL	SET				999		
A	DOO	DATE OF OFFENSE (DOO)	N	8	8	0	1	2.047:19940915{US}DUI{RS};19940920{US}	Commas, hyphens, and spaces are all allowed as special characters.
	B	ARREST OFFENSE LITERAL (AOL)	ANS	1	300	1	1	POSSSESSION OF FIREARMS{GS}	Any printable 7-bit ASCII character is allowed.
2.051	CSL	COURT SEGMENT LITERAL	SET				999		
A	CDD	COURT DISPOSITION DATE	N	8	8	0	1	2.051:19940930{US}DUI{US};5 DAYS	
B	COL	COURT OFFENSE LITERAL	ANS	1	300	1	1	JAIL., PAY COURT COSTS{US}	Any printable 7-bit ASCII character is allowed.
C	CPL	OTHER COURT SENTENCE PROVISION LITERAL	ANS	1	300	1	1	CONVICTED{US};01{RS};19940930{US}	Any printable 7-bit ASCII character is allowed.
D	CDN	COURT DISPOSITION	A	1	32	1	1	POSSESSION OF FIREARMS{US};10 DAYS;JAIL, PAY COURT COSTS, \$50{US}	
E	CCT	COURT COUNT NUMBER	N	2	3	0	1	CONVICTED{US};02{GS}	Text Value from CDN Values Table
2.053	OFC	OFFENSE CATEGORY	N	1	1		1	2.053:1{GS}	
2.054	SSD	CUSTODY OR SUPERVISORY STATUS - START DATE	N	8	8		1	2.054:19940930{GS}	
2.055	SLE	CUSTODY OR SUPERVISORY STATUS LITERAL	ANS	1	300		1	2.055:RELEASED BY COURT ORDER{GS}	Any printable 7-bit ASCII character is allowed. First character must not be a space.
2.056	ICO	IDENTIFICATION COMMENTS	ANS	1	50		1	2.056:ARMED AND DANGEROUS{GS}	Any printable 7-bit ASCII character is allowed.
2.057	FNR	FINGER NUMBERS REQUESTED	N	2	2		13	2.057:01{RS};06{RS};10{GS}	
2.059	SRF	SEARCH RESULTS FINDINGS	A	1	1		1	2.059:N{GS}	
2.060	MSG	STATUS/ERROR MESSAGE	ANS	1	300		1000	2.060:MATCH MADE AGAINST SUBJECTS FINGERPRINTS ON 05/01/94. PLEASE NOTIFY SUBMITTING STATE IF MATCH RESULTS{GS}	Any printable 7-bit ASCII character is allowed.

¹ For shaded cells in the minimum occurrences column, please reference tables D-1, E-1, and I-1 for field occurrences.

C-1 Field Edit Specifications for Type-2 Elements

Field Number	Identifier	Field Name	Character	Field Size (not including Character Separators)		Occurrences		Example	Comments/Special Characters
				Min	Max	Min ¹	Max		
2.061	CST	CASE TITLE	ANS	1	50		1	2.061:ARMED ROBBERY FIRST COUNTY{GS}	Any printable 7-bit ASCII character is allowed.
2.062	IMT	IMAGE TYPE	N	1	2		1000	2.062:1{RS}2{RS}3{RS}4{RS}5{GS}	
2.064	CAN	CANDIDATE LIST	SET				99	2.064:273849CA2{US}BROWN,JOHN	Commas, hyphens, and spaces are all allowed as special characters.
	UCN	UNIVERSAL CONTROL NUMBER	AN	1	9	1	1	D{RS}83625NY{US}COLLINS,TERRY	
	B	NAM	AS	3	30	1	1	G{GS}	
2.065	RSR	REPOSITORY STATISTICS RESPONSE	ANS	1	96,000		1	2.065:(ASCII TEXT DATA){GS}	Any printable 7-bit ASCII character is allowed.
2.067	IMA	IMAGE CAPTURE EQUIPMENT	SET				1		Any printable 7-bit ASCII character is allowed.
A	MAK	ORIGINATING FINGERPRINT READING SYSTEM MAKE	ANS	1	25	1	1		
B	MODL	ORIGINATING FINGERPRINT READING SYSTEM MODEL	ANS	1	25	1	1	2.067:DB1{US}1134{US}12345{GS}	
C	SERNO	ORIGINATING FINGERPRINT READING SYSTEM SERIAL NUMBER	ANS	1	50	1	1		
2.070	RAP	REQUEST FOR ELECTRONIC RAP SHEET	A	1	1		1	2.070:Y{GS}	
2.071	ACN	ACTION TO BE TAKEN	ANS	0	300		1	2.071:IF NON-IDENT. SUBMIT TO UNSOLVED BIOMETRIC FILE {GS}	Commas, hyphens, ampersands, slashes, number signs, underscores, and spaces are all allowed as special characters.
2.072	FIU	FINGERPRINT IMAGE(S) UPDATED	AN	1	2		13	2.072:01{RS}02{RS}05{RS}07{RS}08{RS}11{RS}13{GS}	
2.073	CRI	CONTROLLING AGENCY IDENTIFIER	ANS	9	9		3	2.073:NY0303000{GS}	
2.074	FGP	FRICTION RIDGE GENERALIZED POSITION	N	2	2		99	2.074:01{RS}02{RS}03{RS}04{RS}05{RS}06{RS}07{RS}08{RS}09{RS}10{GS}	
2.075	ERS	ELECTRONIC RAP SHEET	ANS	4	200,000		1	2.075:(ASCII TEXT DATA){GS}	Any printable 7-bit ASCII character is allowed.
2.078	PEN	PENETRATION QUERY RESPONSE	N	2	2		1	2.078:10{GS}	
2.079	NCR	NUMBER OF CANDIDATES RETURNED	N	1	2		1	2.079:10{GS}	
2.080	EXP	RESPONSE EXPLANATION	ANS	1	50		1	2.080:PHOTO NOT FOUND FOR SPECIFIED DOA DOS{GS}	Any printable 7-bit ASCII character is allowed.
2.082	REC	RESPONSE CODE	A	1	1		1	2.082:Y{GS}	

¹ For shaded cells in the minimum occurrences column, please reference tables D-1, E-1, and I-1 for field occurrences.

C-1 Field Edit Specifications for Type-2 Elements

Field Number	Identifier	Field Name	Character	Field Size (not including Character Separators)		Occurrences		Example	Comments/Special Characters
				Min	Max	Min ¹	Max		
2.083	ULF	UNSOLVED BIOMETRIC FILE	A	1	1		1	2.083:Y {FS}	
2.084	AMP	AMPUTATED OR BANDAGED	SET				13		
A	FGP	FINGER POSITION	N	2	2	1	1	2.084:03 (US)XX (RS)09 (US)UP (GS)	
	B	AMPCD	A	2	2	1	1		
2.086	SCNA	AMPUTATED OR BANDAGED CODE	A	2	2	1	1		
		SUBJECT CONTROL NUMBER	AN	1	10		1	2.086:3124 (GS)	
2.087	TAA	TREAT AS ADULT	A	1	1		1	2.087:X {GS}	
2.088	NOT	NOTE FIELD	ANS	1	1,000		1	2.088:NOTE (GS)	
2.089	MSC	MATCHSCORE	N	1	6		99	2.089:1200 (GS)	Any printable 7-bit ASCII character is allowed.
2.091	RCD1	RIDGE CORE DELTA ONE FOR SUBPAT- TERN CLASSIFICATION	SET				10	2.091:01 (US)13 (RS)02 (US)6 (RS)03 (US)11 (RS)04 (US)10 (RS)05 (US)11 (RS)06 (US)11 (RS)07 (US)12 (RS)08 (US)10 (RS)09 (US)13 (RS)10 (US)11 (GS)	
	A	FGP	N	2	2	1	1		
B	RCN1	RIDGE COUNT NUMBER 1	N	1	2	1	3		
2.092	RCD2	RIDGE CORE DELTA TWO FOR SUBPAT- TERN CLASSIFICATION	SET				10	2.092:01 (US)10 (RS)02 (US)0 (RS)03 (US)04 (RS)04 (US)10 (RS)05 (US)10 (RS)06 (US)0 (RS)07 (US)0 (RS)08 (US)0 (RS)09 (US)10 (RS)10 (US)0 (GS)	
A	FGP	FINGER POSITION	N	2	2	1	1		
B	RCN2	RIDGE COUNT NUMBER 2	N	1	2	1	3		
2.095	RFR	REQUEST FEATURES RECORD	A	1	1		1	2.095:Y {GS}	
2.096	RPR	REQUEST PHOTO RECORD	A	1	1		1	2.096:X {GS}	
2.098	NDR	NAME OF DESIGNATED REPOSITORY	N	1	3		10	2.098:1 {GS}	
2.2007	SDOB	SUBMITTED DATE OF BIRTH	N	8	8		1	2.2007:10470123 {GS}	
2.2008	SNAM	SUBMITTED NAME	AS	3	50		1	2.2008:JONES, ANTHONY P {GS}	Commas, hyphens, and spaces are all allowed as special characters.
2.2010	NIR	NUMBER OF IMAGES REQUESTED	N	1	2		1	2.2010:2 {GS}	
2.2015	RBXD	RAP BACK EXPIRATION DATE	N	8	8		1	2.2015:20100101 {GS}	
2.2018	DNAC	DNA IN CODIS FLAG	A	1	1		1	2.2018:N {GS}	
2.2020	RBR	RAP BACK RECIPIENT	ANS	9	19		9	2.2020:NY0303000 {GS}	
2.2021	IFS	IDENTIFICATION FIREARMS SALES	A	1	1		1	2.2021:D {GS}	
2.2022	CIDN	CONTRIBUTOR ASSIGNED IDENTIFICATION NUMBER	AN	10	10		1	2.2022:CINR12345 {GS}	

¹ For shaded cells in the minimum occurrences column, please reference tables D-1, E-1, and I-1 for field occurrences.

C-1 Field Edit Specifications for Type-2 Elements

Field Number	Identifier	Field Name	Character	Field Size <small>(not including Character Separators)</small>		Occurrences		Example	Comments/Special Characters
				Min	Max	Min	Max		
2.2023	SII	SUPPLEMENTARY IDENTITY INFORMATION	ANS	4	10,000		1	2.2023:(ASCII TEXT DATA)(GS)	Any printable 7-bit ASCII character is allowed.
2.2024	HTI	HIT TYPE INDICATOR	A	1	10		1	2.2024:RISC(GS)	
2.2028	BID	BIOMETRIC IMAGE DESCRIPTION	SET				1000		
A	SI	SUBJECT IDENTIFIER	ANS	1	50	1	1		
B	IMT	IMAGE TYPE	N	1	2	0	1		
C	BSI	BIOMETRIC SET IDENTIFIER	N	4	24	0	1	2.2028:12AN43215689{US};1{US};123456{US }09{US}{US}{US}{GS}	
D	FNR	FINGER NUMBER REQUESTED	N	2	2	0	1		
E	PPD	PRINT POSITION DESCRIPTOR	AN	5	5	0	1		
F	POS	SUBJECT POSE	A	1	1	0	1		
G	SMT	NCIC SMT CODE	AS	3	10	0	1		NCIC SMT codes only allow a space as a special character.
2.2029	BSI	BIOMETRIC SET IDENTIFIER	N	4	24		1000	2.2029:9283463{GS}	
2.2030	PPD	PRINT POSITION DESCRIPTOR	SET				10		
A	FGP	FRICTION RIDGE GENERALIZED POSITION	N	1	2	1	1	2.2030:02{US}FV1{GS}	
B	FIC	FINGER IMAGE CODE	AN	3	3	1	1		
2.2031	BIA	BIOMETRIC IMAGE AVAILABLE	N	1	2		1	2.2031:13{GS}	
2.2032	ATR	AUDIT TRAIL RECORD	SET				100		
A	ORI	ORIGINATING AGENCY IDENTIFIER	AN	9	9	1	1		
B	DAT	DATE OF DISSEMINATION	N	8	8	1	1		
C	TOT	TOT OF DISSEMINATION	A	3	16	1	1		
D	BSI	BIOMETRIC SET IDENTIFIER DISSEMINATED	N	4	24	0	1	2.2032:NY0303000{US};20130514{US}SRL{US};1023456{US};1{US};06{US};{US}{US}{R;S}NY0303000{US};20130518{US}SRB{US};3065432{US};9{US}{US}{US}{US}F{US}{GS}	
E	IMT	IMAGE TYPE DISSEMINATED	N	1	2	0	1		
F	FNR	FRICTION RIDGE POSITION REQUESTED	N	2	2	0	1		
G	PPD	PRINT POSITION DESCRIPTION	AN	5	5	0	1		
H	POS	SUBJECT POSE	A	1	1	0	1		
I	SMT	NCIC SMT CODE	AS	3	10	0	1		NCIC SMT codes only allow a space as a special character.

¹ For shaded cells in the minimum occurrences column, please reference tables D-1, E-1, and I-1 for field occurrences.

C-1 Field Edit Specifications for Type-2 Elements

Field Number	Identifier	Field Name	Character	Field Size (not including Character Separators)		Occurrences		Example	Comments/Special Characters
				Min	Max	Min ¹	Max		
2.2033	CNL	CANDIDATE INVESTIGATIVE LIST	SET				297		
A	SI	SUBJECT IDENTIFIER	ANS	1	50	1	1		NAM allows commas, hyphens, and spaces as special characters
B	NAM	MASTER NAME	AS	3	50	0	1		
C	BSI	BIOMETRIC SET IDENTIFIER	N	4	24	0	1		
D	IMT	IMAGE TYPE	N	1	2	0	1		
E	FGP	FRICTION RIDGE GENERALIZED POSITION	N	2	2	0	1		
F	PPD	PRINT POSITION DESCRIPTOR	AN	5	5	0	1	2.2033:123456789 {US} DOE, JOHN {US} 12345 {US} 9 {US} {US} 2000 {US} 25 {US} 1 {US} 01 {US} {US} F {US} {GS}	
G	MSC	MATCH SCORE	N	1	6	0	1		
H	BIA	BIOMETRIC IMAGE AVAILABLE	N	1	2	0	1		
I	NDR	NAME OF DESIGNATED REPOSITORY	NS	1	400	0	1		
J	IDC	INFORMATION DESIGNATION CHARACTER	N	2	2	0	1		
K	NOT	NOTE FIELD	ANS	1	1,000	0	1		Note Field allows any printable 7-bit ASCII character.
L	POS	SUBJECT POSE	A	1	1	0	1		
M	SMT	NCIC SMT CODE	AS	3	10	0	1		NCIC SMT codes only allow a space as a special character.
2.2034	ULR	UNSOLVED LATENT RETAINED	A	1	1		1	2.2034:Y {GS}	
2.2035	EVI	EVENT IDENTIFIER	N	4	24		1	2.2035:9283463 {GS}	
2.2036	POS	SUBJECT POSE	A	1	1		1	2.2036:F {GS}	
2.2037	ESI	EXTERNAL SUBJECT IDENTIFIER	ANS	1	50		1000	2.2037:12EF345678 {GS}	
2.2039	RBMJ	RAP BACK MAINTENANCE INDICATOR	A	1	1		1	2.2039:R {GS}	Acceptable values are R, D, A, C, and U. Value of N is currently not being used.
2.2040	RBT	RAP BACK TRIGGER	N	1	2		40	2.2040:7 {GS}	
2.2041	RBNJ	RAP BACK ACTIVITY NOTIFICATION IDENTIFIER	N	4	24		10	2.2041:12345 {GS}	Field should not include any leading zeroes.
2.2046	TLJ	TIER LEVEL INDICATOR	N	1	1		1	2.2046:2 {GS}	
2.2047	RAR	RETURN ALL RECORDS INDICATOR	A	1	1		1	2.2047:Y {GS}	
2.2048	RBSI	RAP BACK SUBSCRIPTION IDENTIFIER	N	4	24		1	2.2048:12345 {GS}	Field should not include any leading zeroes.

¹For shaded cells in the minimum occurrences column, please reference tables D-1, E-1, and I-1 for field occurrences.

C-1 Field Edit Specifications for Type-2 Elements

Field Number	Identifier	Field Name	Character	Field Size (not including Character Separators)		Occurrences		Example	Comments/Special Characters
				Min	Max	Min ¹	Max		
2.2049	RRTD	RAP BACK TERM DATE	N	8	8		1	2.2049:19940930(GS)	This field is not being used as there are no fees associated with Rap Back Services at this time.
2.2050	RBSL	RAP BACK SUBSCRIPTION LIST	ANS	1	10485760		1	2.2050:(ASCII TEXT DATA)(GS)	
2.2051	HNOTI	HIT NOTIFICATION INDICATOR	A	1	1		1	2.2051:Y(GS)	
2.2052	MAI	MAINTENANCE ACTION INDICATOR	A	3	10		1	2.2052:REPLACE(GS)	
2.2054	RBSD	RAP BACK SUBSCRIPTION DATE	N	8	8		1	2.2054:19940930(GS)	
2.2055	SMS	SMT SIZE	SET				1		
A	HGT	HEIGHT	N	1	3	1	1	2.2055:3(US)5(GS)	
	WID	WIDTH	N	1	3	1	1		
2.2058	SMD	SMT DESCRIPTORS	SET				9		
A	SMI	SMT CODE INDICATOR	A	3	8	1	1	2.2058:TATTOO(US)PLANT(US)ROSE(US)WITH THORNS(GS)	
B	TAC	TATTOO CLASS	A	4	8	0	1		
C	TSC	TATTOO SUBCLASS	A	3	9	0	1		
D	TDS	TATTOO DESCRIPTION	ANS	1	256	0	1		
2.2059	TCL	TATTOO COLOR	SET				9		
A	TC1	TATTOO COLOR CODE 1	A	3	7	1	1	2.2059:RED(US)GREEN(GS)	
B	TC2	TATTOO COLOR CODE 2	A	3	7	0	1		
C	TC3	TATTOO COLOR CODE 3	A	3	7	0	1		
D	TC4	TATTOO COLOR CODE 4	A	3	7	0	1		
E	TC5	TATTOO COLOR CODE 5	A	3	7	0	1		
F	TC6	TATTOO COLOR CODE 6	A	3	7	0	1		

¹ For shaded cells in the minimum occurrences column, please reference tables D-1, E-1, and I-1 for field occurrences.

C-1 Field Edit Specifications for Type-2 Elements

Field Number	Identifier	Field Name	Character	Field Size (not including Character Separators)		Occurrences		Example	Comments/Special Characters
				Min	Max	Min ¹	Max		
2.2061	BIE	BIOMETRIC IMAGE ENROLLMENT	SET				61		
A	BSI	BIOMETRIC SET IDENTIFIER	N	4	24	1	1		
B	IMT	IMAGE TYPE	N	1	2	1	1	2.2061:123456789{US};9{US};F{US}{GS}	POS is populated when IMT=9
C	POS	SUBJECT POSE	A	1	1	0	1		SMT is populated when IMT=10.
D	SMT	SCARS, MARKS, AND TATTOOS	AS	3	10	0	1		NCIC SMT codes only allow a space as a special character.
2.2062	RBNF	RAP BACK ACTIVITY NOTIFICATION FORMAT	N	1	1		1	2.2062:2{GS}	
2.2063	RBOO	RAP BACK OPT OUT IN-STATE INDICATOR	A	1	1		1	2.2063:Y{GS}	
2.2064	RBUD	RAP BACK USER DEFINED	SET				10		
A	RBFN	RAP BACK FIELD NAME	ANS	1	50	1	1	2.2064:PAROLE OFFICER{US};DOE, JOHN{GS}	
B	RBFT	RAP BACK FIELD TEXT	ANS	1	100	1	1		
2.2065	RBC	RAP BACK CATEGORY	A	1	2		1	2.2065:CS{GS}	
2.2067	RBDI	RAP BACK DISCLOSURE INDICATOR	A	1	1		1	2.2067:Y{GS}	
2.2068	DTR	DATE RANGE	N	16	16		1	2.2068:1994093019950930{GS}	The first eight numerals indicate the earliest date of expiration and the second eight numerals the latest date of expiration. There is no separator character used between the two dates.
2.2069	RBTD	RAP BACK TRIGGERING EVENT DETAILS	SET				10		
A	DORBE	DATE OF RAP BACK EVENT	N	8	8	1	1	2.2069:20140513{US};5{US};NCIC WANTED PERSON ENTRY FROM ORI - NY0303000: NCIC12345; DATE OF WARRANT 20140511{GS}	
B	RBT	RAP BACK TRIGGER	N	1	2	0	1		
C	RBEI	RAP BACK EVENT INFORMATION	ANS	1	300	0	1		
2.2070	RBATIN	RAP BACK ATTENTION INDICATOR	ANS	3	50		1	2.2070:DETF Q PUBLIC{GS}	Any printable 7-bit ASCII character with the exception of the period is allowed.
2.2071	RBST	RAP BACK SUBSCRIPTION TERM	AN	1	2		1	2.2071:2{GS}	

¹ For shaded cells in the minimum occurrences column, please reference tables D-1, E-1, and I-1 for field occurrences.

C-1 Field Edit Specifications for Type-2 Elements

Field Number	Identifier	Field Name	Character	Field Size (not including Character Separators)		Occurrences		Example	Comments/Special Characters
				Min	Max	Min ¹	Max		
2.2072	POC	POINT OF CONTACT	SET				1	2.2072: Unde Sam Biometric Support Center {US} 304-555-1212 {GS}	NAM allows commas, hyphens, and spaces as special characters.
A	NAM	NAME	AS	3	50	1	1		
B	PHONE	PHONE NUMBER	ANS	10	30	1	1		
2.2073	BIL	BIOMETRIC IMAGE LIST	SET				1000		
A	SI	SUBJECT IDENTIFIER	ANS	1	50	1	1	2.2073: 123456789 {US} 12345 {US} 201 40304 {US} 9 {GS}	
B	BSI	BIOMETRIC SET IDENTIFIER	N	4	24	1	1		
C	BCD	BIOMETRIC CAPTURE DATE	N	8	8	1	1		
D	IMT	IMAGE TYPE	N	1	2	1	1		
2.2100	SED	CUSTODY OR SUPERVISORY STATUS -END DATE	N	8	8		1	2.2100: 19940930 {GS}	
2.2101	SST	SUPERVISED STATUS TYPE	A	3	3		8	2.2101: MAN {GS}	
2.2102	RSC	REASON SUPERVISION CANCELLED	ANS	1	300		1	2.2102: REVOKED.20120215 {GS}	
2.2103	STT	SUPERVISION TRANSFERRED TO	ANS	9	9		1	2.2103: NY0303000 {GS}	
2.2104	SRA	SUPERVISED RELEASED ACTION	A	3	3		1	2.2104: EAS {GS}	
2.2105	FI	FOREIGN INFORMATION	ANS	1	300		900	2.2105 CAPTURED DURING RAID {GS}	

¹ For shaded cells in the minimum occurrences column, please reference tables D-1, E-1, and I-1 for field occurrences.

Appendix D: Summary of Logical Record Layouts for Type-2 Identification and Verification Transactions

1.0 Introduction

Appendix D presents the summary logical record layouts for Identification and Verification transactions. Table D-1 is a summary representation of all Identification and Verification transactions. For detailed specifications of individual fields of these record sets, see Appendix C.

2.0 Interpretation of the Table

The column headers at the top of the page select a particular transaction. The row headers in the left margin give the tag number and ID for each field. The cell at the intersection of any given row and column gives the minimum and maximum occurrences for that field (row) in that transaction (column). For example, if the cardinality is 0..9 the field is optional with the possibility of up to 9 occurrences. If the cardinality is 1..9 the field is mandatory with the possibility of up to 9 occurrences. If that cell is blank, the field is not used in that record. If the minimum and maximum values are the same then only one number is given. See Appendix D Reference Notes following Table D-1, pertaining to the use of record fields with footnotes.

D-1 Summary of Field Lists for Identification and Verification Transactions

(Minimum/Maximum Occurrences of Each Element for Each Logical Record Type)

Tag Element	AMN	CAR	CNA	CPDR	CPNU	DEK	DEU	DOGE	EMUF	ERRT	FANC	FAUF	FDSP	FIDR	FNDR	FVR
2.001 LEN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2.002 IDC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2.003 FPN																
2.005 RET	1	1	1 ¹	1	1	1	1	1	1		1	1		1	1	1
2.006 ATN	0.1	0.1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2.007 SCO	0.9	0.9		0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.009 OCA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	0.1
2.012 LCN																
2.013 LCX																
2.014 FBI		0.5 ⁵	0.5 ⁵	0.5 ⁵	0.5 ⁵	0.5		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1
2.015 SID		0.1 ⁶	0.1 ⁶	0.1 ⁶	0.1 ⁶	0.1		0.1	0.1	0.1			0.1			0.1
2.016 SOC		0.4	0.4	0.4	0.4	0.4		0.4	0.4		0.4	0.4	0.4	0.4	0.4	0.4
2.017 MNV	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4 ³	0.4 ³	0.4	0.4	0.4 ³	0.4
2.018 NAM	1 ⁴	1	1	1	1	1	1 ⁴	1	1		1	1	1	1	1	1
2.019 AKA		0.10	0.10	0.10	0.10	0.10		0.10	0.10		0.10	0.10	0.10	0.10	0.10	0.10
2.020 POB		1	1	1	1	0.1		1	1		1	1	1	0.1	1	1
2.021 CTZ	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10		0.10	0.10	0.10	0.10	0.10	0.10
2.022 DOB	1.5 ⁴	1.5	1.5	1.5	1.5	1.5	1.5 ⁴	1.5	1.5		1.5	1.5	1.5	0.5	1.5	1.5
2.023 AGR																
2.024 SEX	1	1	1	1	1	1	1	1	1		1	1	1	0.1	1	0.1
2.025 RAC	1	1	1	1	1	1	0.1	1	1		1	1	1	0.1	1	0.1
2.026 SMT	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10		0.10	0.10	0.10	0.10	0.10	0.10
2.027 HGT	1	1	1	1	1	1	1	1	1		1	1	1	0.1	1	0.1
2.028 HTR																
2.029 WGT	1	1	1	1	1	1	1	1	1		1	1	1	0.1	1	0.1
2.030 WTR																
2.031 EYE	1	1	1	1	1	1	1	1	1		1	1	1	0.1	1	0.1
2.032 HAI	1	1	1	1	1	1	1	1	1		1	1	1	0.1	1	0.1
2.033 FPC																
2.034 PAT																
2.035 PPA		0.1	0.1	0.1	0.1											

D-1 Summary of Field Lists for Identification and Verification Transactions
(Minimum/Maximum Occurrences of Each Element for Each Logical Record Type)

Tag Element	AMN	CAR	CNA	CPDR	CPNU	DEK	DEU	DOCE	EMUF	ERRT	FANC	FAUF	FDSP	FIDR	FNDR	FVR
2.036 PHT	0.1	0.1	0.1	0.1	0.1	0.1	0.1									
2.037 RFP								1	1		1	1		1	1	
2.038 DPR	1					1	1	1	1		1	1	1	1	1	1
2.039 EAD		0.1	0.1	0.1	0.1	0.1		0.1	0.1		0.1	0.1			0.1	
2.040 OCP		0.1	0.1	0.1	0.1	0.1		0.1	0.1		0.1	0.1			0.1	
2.041 RES	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.1			0.1	
2.042 MTL									0.1		0.1	0.1			0.1	0.1
2.043 TSR				1	0.1			0.1	0.1						1	0.1
2.044 GEO																
2.045 DOA		1	1	1	1								1			
2.046 DOS					0.1									0.1		
2.047 ASL		1..999 ²	1..999 ²	1..999 ²	1..999 ²											
2.051 CSL		0.999	0.999	0.999	0.999								1..999 ¹²			
2.053 OFC																
2.054 SSD																
2.055 SLE																
2.056 ICO	0.1	0.1	0.1	0.1	0.1	0.1	0.1									0.1
2.059 SRF																
2.060 MSG										1..11						
2.061 CST																
2.067 DMA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.1	0.1	0.1	0.1	0.1
2.070 RAP	0.1	0.1		0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.1	0.1	0.1	0.1	0.1
2.071 ACN	0.1															
2.073 CRI	1..3	1..3	1..3	1..3	1..3	1..3	1..3	1..3	1..3		1..3	1..3	0..3	1..3	1..3	1..3
2.074 FGP																
2.075 ERS																
2.083 ULF																
2.084 AMP	0..13 ⁷	0..13 ⁷	0..13 ⁷	0..13 ⁷	0..13 ⁷	0..13 ⁷	0..13 ⁷	0..13 ⁷	0..13 ⁷		0..13 ⁷	0..13 ⁷	0..13 ⁷	0..13 ⁷	0..13 ⁷	0..13 ⁷
2.087 TAA		0.1	0.1	0.1	0.1											
2.088 NOT																
2.096 RPR	0.1	0.1		0.1	0.1	0.1	0.1				0.1	0.1	0.1	0.1	0.1	

D-1 Summary of Field Lists for Identification and Verification Transactions
(Minimum/Maximum Occurrences of Each Element for Each Logical Record Type)

Tag Element	AMN	CAR	CNA	CPDR	CPNU	DEK	DEU	DOGE	EMUF	ERRT	FANC	FAUF	FDSP	FIDR	FNDR	FVR
2.098 NDR	0.10	0.10		0.10	0.10	0.10	0.10			1	0.10	0.10		0.10	0.10	
2.2007 SDOB										1						
2.2008 SNAM										1						
2.2015 RBXD		0.1		0.1	0.1						0.1	0.1			0.1	
2.2018 DNAC																
2.2020 RBR		0.9		0.9	0.9						0.9	0.9	1		0.9	
2.2021 IFS																
2.2023 SII																
2.2030 PPD																
2.2031 BIA																
2.2035 EVI																
2.2037 ESI	0.1	0.1		0.1	0.1	0.1	0.1				0.1	0.1			0.1	
2.2040 RBT		0.40		0.40	0.40						0.40	0.40			0.40	
2.2046 TLI														1		
2.2048 RBSI																
2.2049 RBTID																
2.2051 HNOTI														0.1		
2.2054 RBSD																
2.2061 BIE																
2.2062 RBNF		0.1		0.1	0.1						0.1	0.1			0.1	
2.2063 RBOO		0.1		0.1	0.1						0.1	0.1			0.1	
2.2064 RBUD		0.10		0.10	0.10						0.10	0.10			0.10	
2.2065 RBC		0.1		0.1	0.1						0.1	0.1			0.1	
2.2067 RBDI		0.1		0.1	0.1											
2.2070 RBATN		0.1		0.1	0.1						0.1	0.1			0.1	
2.2071 RBST											0.1	0.1			0.1	
2.2072 POC														0.1		
2.2105 FI					FI									0.999		

D-1 Summary of Field Lists for Identification and Verification Transactions
(Minimum/Maximum Occurrences of Each Element for Each Logical Record Type)

Tag Element	IIDS	LFS	LSR	MAP	MPR	NFUE	NFUF	NNDR	RPIS	RPISR	SRE
2.001 LEN	1	1	1	1	1	1	1	1	1	1	1
2.002 IDC	1	1	1	1	1	1	1	1	1	1	1
2.003 FFN		0.1	0.1								
2.005 RET				1	1	1	1	1			
2.006 ATN	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	1	1	0.1
2.007 SCO	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9			0.9
2.009 OCA	0.1			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2.012 LCN			0.1								
2.013 LCX			0.1								
2.014 FBI	0.1		0.1 ¹⁰	0.5		0.5	0.5	0.5		0.2	0.1 ⁸
2.015 SID	0.1		0.5 ¹⁰	0.1		0.1	0.1				0.1
2.016 SOC			0.4 ¹¹	0.4	0.4	0.4	0.4	0.4			
2.017 MNU	0.4	0.4	0.4 ¹¹	0.4	0.4	0.4	0.4	0.4 ³			
2.018 NAM	0.1		0.1 ¹⁰	1	1	1	1	1	0.1	0.1	1
2.019 AKA			0.1 ¹⁰	0.10	0.10	0.10	0.10	0.10			
2.020 POB		0.1	0.1 ¹⁰	1	0.1	1	1	1		0.1	
2.021 CTZ			0.10 ¹¹	0.10	0.10	0.10	0.10	0.10			
2.022 DOB			0.5 ¹¹	1.5	1.5	1.5	1.5	1.5	0.1		
2.023 AGR		0.1									
2.024 SFX		0.1	0.1 ¹¹	1	1	1	1	1	0.1		
2.025 RAC		0.1	0.1 ¹¹	1	1	1	1	1			
2.026 SMT		0.10	0.10 ¹¹	0.10	0.10	0.10	0.10	0.10			
2.027 HGT			0.1 ¹¹	1	1	1	1	1			
2.028 HTR		0.1									
2.029 WGT			0.1 ¹¹	1	1	1	1	1			
2.030 WTR		0.1									
2.031 EYE		0.1	0.1 ¹¹	1	1	1	1	1			
2.032 HAI		0.1	0.1 ¹¹	1	1	1	1	1			
2.033 FPC			0.1								
2.034 PAT		0.10	0.10 ¹¹								

D-1 Summary of Field Lists for Identification and Verification Transactions
(Minimum/Maximum Occurrences of Each Element for Each Logical Record Type)

Tag Element	IDS	LFS	LSR	MAP	MPR	NFUE	NFUF	NNDR	RPIS	RPISR	SRE
2.035 PPA			0..1								
2.036 PHT					0..1						
2.037 RFP				1		1	1	1			
2.038 DPR			0..1	1	1	1	1	1			
2.039 EAD				0..1	0..1	0..1	0..1	0..1			0..1
2.040 OCP				0..1	0..1	0..1	0..1	0..1			0..1
2.041 RES				0..1	0..1	0..1	0..1	0..1			0..1
2.042 MIL								0..1			
2.043 TSR						0..1	0..1	1			
2.044 GEO		0..5									
2.045 DOA											
2.046 DOS											
2.047 ASL		0..999 ³									
2.051 CSL											
2.053 OFC		1									
2.054 SSD											
2.055 SLE											
2.056 ICO					0..1						
2.059 SRF			1							1	1
2.060 MSG			0..1							0..1	0..11
2.061 CST		1	1								
2.067 IMA		0..1		0..1	0..1	0..1	0..1	0..1	0..1	0..1	
2.070 RAP	0..1	0..1		0..1	0..1	0..1	0..1	0..1	0..1		
2.071 ACN			0..1		0..1					0..1	
2.073 CRI	0..3	0..3	0..3	1..3	1..3	1..3	1..3	1..3	1..3	0..3	1..3
2.074 FGP		0..10	0..10								
2.075 ERS			0..1							0..1	0..1
2.083 ULF		0..1									
2.084 AMP				0..13 ⁷	0..13 ⁷	0..13 ⁷	0..13 ⁷	0..13 ⁷	0..13 ⁷		
2.087 TAA											0..1

D-1 Summary of Field Lists for Identification and Verification Transactions
(Minimum/Maximum Occurrences of Each Element for Each Logical Record Type)

Tag Element	IDS	LFS	LSR	MAP	MPR	NFUE	NFUF	NNDR	RPIS	RPISR	SRE
2.088 NOT		0.1								1	0.1
2.096 RPR	0.1			0.1	0.1	0.1	0.1	0.1	0.1		
2.098 NDR				0.10	0.10	0.10	0.10	0.10	1.10		
2.2007 SDOB											0.1
2.2008 SNAM											0.1
2.2015 RBXD				0.1		0.1	0.1	0.1			0.1
2.2018 DNAC											0.1
2.2020 RBR				0.9		0.9	0.9	0.9			0.9
2.2021 IFS											
2.2023 SII										0.1	0.1
2.2030 PPD		0.10									
2.2031 BIA			0.1								0.1
2.2035 EVI											0.1
2.2037 ESI				0.1	0.1	0.1	0.1	0.1			0.1
2.2040 RBT				0.40		0.40	0.40	0.40			0.40
2.2046 TLI											
2.2048 RBSI											0.1
2.2049 RRTD											0.1
2.2051 HNOTI											
2.2054 RBSD											0.1
2.2061 BIE											0.36
2.2062 RBNF				0.1		0.1	0.1	0.1			0.1
2.2063 RBOO				0.1		0.1	0.1	0.1			0.1
2.2064 RBUD				0.10		0.10	0.10	0.10			0.10
2.2065 RBC				0.1		0.1	0.1	0.1			0.1
2.2067 RBDI											0.1
2.2070 RBATN				0.1		0.1	0.1	0.1			0.1
2.2071 RBST				0.1		0.1	0.1	0.1			0.1
2.2072 POC											
2.2105 FI											

APPENDIX D - REFERENCE NOTES

1. For this transaction, this field must contain a "Y".
2. The DOO portion of this field is optional, but should be provided if known. ASL is required when the submission contains a RET = "YY".
3. This field is mandatory for applicant submissions from DIS and OPM.
4. It is obviously not expected that full Name and Date of Birth of Unknown Deceased and Amnesia victims will be known. These fields, however, must be submitted with formatted information.
5. FBI number must be present if known for inquiry prints.
6. Field is mandatory if fingerprint submission is from an NFF State.
7. This field is mandatory if any finger is either amputated or a rolled impression was not made.
8. An UCN may be returned depending upon transaction results. No FBI number is returned when none is assigned (e.g., Non-Identification with RET = "N"). UCN will be returned for any submission resulting in an Identification against the Criminal File or when a Non-Identification results in an add to the Criminal File or Civil file.
9. This field will be returned in the response if subject identification is made.
10. Field is optional unless Identification has been made and subject criminal history was requested in a submission.
11. CDD and CCT are mandatory fields for this TOT.