

REVISIONS

Date	Version ID	Notes, Comments, References
05/14/01	1.1	Change Type-2 Record field identifiers to coincide, where possible, With MINNESOTA NIST CAR TYPE-2 RECORD FORMAT. Changed Moniker to Multi-Occurring Field. Changed ALL Multi-Occurring Fields to UNLIMITED OCURRENCES.
07/23/01	1.2	Change Type 10 Record Field 10.022 "Photo Description" to "Not Required" and allow for any text to be entered, not just "GLASSES".
09/28/01	1.3	Add a list of allowed entries for the Type 1 Record TOT (Type of Transaction) field. "ADD", "EDIT", "DELETE", "SEAL", "UNSEAL"
08/28/02	1.4	Change Maximum Number of Characters for OCA Field 2.047 to 12 Alpha-numeric Characters.
10/28/02	1.5	Changed the Indiv_FBI_ID field to a length of 1-10 varchar to match MRAP DB Specification. Change OCA_Incident_Number to match MRAP DB 1-12 varchar. Changed ORI field definition to include the field length requirements of 1-9 AN CHRS Added the 1-30 AN CHRS definition to the crime description field. Changed Booking Number field definition to 1-12 AN CHRS to match CRIMNet model
02/28/03	1.6	Correction to Local Person ID field # 2.505. This field was specified as a required field in the MRAP and CRIMNET data schema and therefore has been change to a required field in the NIST file specification. Added "OVERRIDE_PHOTO_QC" to the Record 1 TOT Changed OCA Incident number in section 2.047 to a not required field
8/14/2008	1.7	Changed Local ID to an optional field because BIO_ID submissions do not contain the Person's local identifying number.

3.0 MRAP NIST FILE SPEC

This document describes the Minnesota MRAP NIST File Specifications.

3.1 References

The Following References were used as source material in preparation of this document:

a. ASI/NIST-ITL 1-2000.

A copy of this standard may be purchased from the following Internet Site:

<http://www.claitors.com/prf/catelog/003-003-03656-1.html>

b. Minnesota NIST Server Interface Control Document, Ver 1.5, 2/27/01

Tag #	Field Name	Req. Field	Content	Comment
2.014	FBI Number	No	2.014: [FBI#] ^{G_s}	Unique identification assigned to this individual by the FBI (0-10 AN CHRS)
2.015	SID Number	No	2.015: [SID#] ^{G_s}	Unique identification assigned to this individual by the State Bureau of Criminal Apprehension (11 AN CHRS) Format is: 'MN' followed by 1-9 AN CHRS Ex. MN123456789
2.016	SSN Number	No	2.016: [SSN#] ^{G_s}	Unique number assigned to this individual by the Social Security Admin. (9 N CHRS)

2.018	Individual Name	Yes	2.018: [SURNAME] ^{U_s}	(1-20 A CHRS)
		Yes	[FIRSTNAME] ^{U_s}	(1-20 A CHRS)
		No	[MIDDLENAME] ^{U_s}	(0-20 A CHRS)
		No	[SUFFIX] ^{U_s}	(0-3 A CHRS) II, III, IV, V, JR, SR
		Yes	[NAME TYPE] ^{U_s}	"SUBJECT"
		Yes	[INDIVIDUAL ROLE] ^{G_s}	"SUSPECT"
2.019	Individual Alias Name	No	2.019: [SURNAME] ^{U_s}	(1-20 A CHRS) Required if Alias is present
			[FIRSTNAME] ^{U_s}	(1-20 A CHRS) Required if Alias is present
			[MIDDLENAME] ^{U_s}	(0-20 A CHRS) Optional
			[SUFFIX] ^{U_s}	(0-3 A CHRS) II, III, IV, V, JR, SR Optional
			[NAME TYPE] ^{U_s}	"ALIAS" Required if Alias is present
			[INDIVIDUAL ROLE] (0...n){ ^{R_s}	"SUSPECT" Required if Alias is present UNLIMITED OCCURRENCES
			[SURNAME] ^{U_s}	Required if Alias is present
			[FIRSTNAME] ^{U_s}	Required if Alias is present
			[MIDDLENAME] ^{U_s}	Optional
			[SUFFIX] ^{U_s}	Optional
			[NAME TYPE] ^{U_s}	"ALIAS" Required if Alias is present
			[INDIVIDUAL ROLE]} ^{G_s}	"SUSPECT" Required if Alias is present
2.020	Moniker	No	2.020: [MONIKER] ^{G_s} (1...n){ ^{R_s} [MONIKER] ^{G_s}	Individual nickname (0-50 AN CHRS) UNLIMITED OCCURRENCES
2.022	Date of Birth	Yes	2.022:[CCYYMMDD] ^{G_s}	Specifies date of birth (8 N CHRS)
2.024	Sex	Yes	2.024:[SEX] ^{G_s}	Specifies the sex of an individual (1A CHR) F, M, U
2.025	Race	Yes	2.025 [RACE] ^{G_s}	Specifies 'observed' race of this individual (1 A CHR) SEE CODE TABLE

Tag #	Field Name	Req. Field	Content	Comment
2.026	Scars, Marks, Tattoos	No	2.026: [SMT Code] ^U _S	NCIC SMT CODES (10-10 A CHRS) SEE CODE TABLE Required for each occurrence
			[SMT DESC]	SMT DESC (0-254 AN CHRS) Optional for each occurrence but very helpful for tattoos
			(0...n){ ^R _S	UNLIMITED OCCURRENCES.
2.027	Height	Yes	2.027: [HGT] ^G _S	Specifies individual height (3 N CHRS) Ex. 506 – 5 feet, 6 inches
2.029	Weight	Yes	2.029 [WGT] ^G _S	Specifies individual weight (3 N CHRS) in pounds
2.031	Eye Color	Yes	2.031: [EYE] ^G _S	Specifies the eye color for this individual (3 A CHRS) SEE CODE TABLE
2.032	Hair Color	Yes	2.032: [HAIR] ^G _S	Specifies the hair color for this individual (3 A CHRS) SEE CODE TABLE
2.033	Facial Hair	Yes	2.033: [FACIAL HAIR] ^G _S	Specifies facial hair classification (1-36 A CHRS) SEE CODE TABLE
2.041	Residence	No	2.041: [STREET #] ^U _S	Street Number (0-10 AN CHRS)
			[STREET NAME] ^U _S	Street Name (0-20 AN CHRS)
			[STREET TYPE] ^U _S	Street Type (0-20 AN CHRS) SEE CODE TABLE
			[STREET DIR] ^U _S	Street Direction (0-2 CHRS) Cardinal/Intercardinal compass points (N, NE, etc.)
			[CITY] ^U _S	(0-20 AN CHRS)
			[STATE] ^U _S	(0 OR 2 A CHRS) Postal Abbr.
			[ZIP] ^U _S	(0 or 5 or 9 N CHRS) Postal Zip Code
			[BLDG NAME] ^U _S	(0-20 AN CHRS)
			[BLDG #] ^U _S	(0-5 AN CHRS)
			[BLDG FLOOR] ^U _S	(0-3 AN CHRS)
			[UNIT #] ^U _S	(0-10 AN CHRS)
			[UNIT TYPE] ^U _S	(0-20 AN CHRS)
			[MISC DESC] ^G _S	(0-254 AN CHRS) used to describe non US/Canada residence.
2.045	Booking Date	Yes	2.045: [CCYYMMDD] ^G _S	Booking Date (8 N CHRS)
2.046	Booking Number	Yes	2.046: [BOOK #] ^G _S	Unique number assigned to this individual's booking by the booking agency (1-12 AN CHRS) OCA/Incident number is desired but cannot be provided in some instances thus it is not required but strongly desired.

2.047	Crime	Yes	2.047: [OCA#] ^{U_S}	OCA: A unique number identifying the controlling agency's case number (1-12 AN CHRS)
			[CONTROL AGENCY] ^{U_S}	Required for each occurrence. The ORI of the controlling agency for this case (1-9 AN CHRS)
			[CRIME] ^{G_S}	Required for each occurrence A description of the crime for this case SEE CODE TABLE (1-30 AN CHRS)
			(1...n ^{G_S}) { ^{R_S} on final}	UNLIMITED OCCURRENCES
2.048	Image Type	Yes	2.048: [IMG TYPE] ^{G_S}	Image Type (3 A CH) SEE CODE TABLE any picture coming to MRAP must be "MUG" at this time
2.503	Driver License Number	No	2.503: [DL#] ^{U_S}	Driver License Number for this individual DL # (0-22 AN CHRS)
			[DL STATE] ^{G_S}	DL State (0 or 2 CHRS) US Postal Abbr.
2.505	Local Person ID	No	2.505: [LPI#] ^{F_S}	A unique number that identifies this individual at the originating agency (0-21 AN CHRS)
TYPE 10 RECORD - 1...n PER FILE				
10.001	Logical Record	Yes	10.001: [SIZE] ^{G_S}	Total bytes in this Type-10 record, including this field and all separators (3-10 N CHRS)
10.002	Image Designation Character	Yes	10.002: [IDC] ^{G_S}	Links this record to IDC of the content field of the Type-1 record (2-3 N CHRS)
10.003	Image Type	Yes	10.003: [IMT] ^{G_S}	(4-6 A CHRS) "FACE", "SCAR", "MARK", "TATTOO", "OTHER" By convention, the 1 st Type-10 record for each submission will be of type 'FACE' and POS 'F', i.e. A full face frontal, no hat, no scarf, no glasses
10.004	Source Agency	Yes	10.004: [SRC] ^{G_S}	Source agency ORI (9-100 AN CHRS)
10.005	Photo Date	Yes	10.005: [CCYYMMDD] ^{G_S}	Date of this photo (8 N CHRS)
10.006	Horizontal Resolution	Yes	10.006: [HLL] ^{G_S}	Number of horizontal pixels (2-5 CHRS) 480 Best Practice minimum
10.007	Vertical Resolution	Yes	10.007: [VLL] ^{G_S}	Number of vertical pixels (2-5 CHRS) 600 Best Practice minimum
10.008	Scale Units	Yes	10.008: Ø ^{G_S}	Required, not used
10.009	Horizontal Scale	Yes	10.009: 1 ^{G_S}	Required, not used
10.010	Vertical Scale	Yes	10.010: 1 ^{G_S}	Required, not used
10.011	Compression	Yes	10.011: [CGA] ^{G_S}	"JPEGB", (5 A CHRS) JPEG image files only
10.012	Color Space	Yes	10.012: [CSP] ^{G_S}	"YCC" (3 A CHRS)
10.020	Subject Pose	No	10.020: [POS] ^{G_S}	(1 A CHR) SEE CODE TABLE Pose is required for each FACE type photo By convention, the 1 st Type-10 record for each submission will be of type 'FACE' and POS 'F', i.e. A full face frontal, no hat, no scarf, no glasses.

10.021	Pose Offset	No	10.021: [POA] ^G _S	(4 N CHRS) signed, angle of pose from full left (-180) to full right (+180)
10.022	Photo Description	No	10.022:[PXS] ^G _S	(0-255 AN CHRS) If the first 7 characters of this field = "GLASSES" This indicates that the photo of type Face has been flagged by the photographer as a photo of the person with their glasses on.
10.040	NCIC SMT Designation Code	Yes	10.040: [SMT] ^G _S	Required for images of type TATTOO SCAR or MARK (4-11 A CHRS) SEE CODE TABLE
10.999	Image Data	Yes	10.999 [IMAGE DATA] ^F _S	Raw binary data for the photo (SEE EXAMPLE)