

# **TEXAS DEPARTMENT OF PUBLIC SAFETY**

## **MOBILE IDENTIFICATION SYSTEM**

### **MOBILE ID**

The term “Mobile ID” can conjure up several different interpretations. In the strictest sense, it may consist of an un-tethered device used to capture one or more biometric samples from a subject. The captured data sample(s) may then be compared to other samples contained in a database resident on that device. The data may also be transmitted to and compared to samples in a central repository or an onboard computer repository located in a nearby vehicle. Such vehicles may include jurisdictional police cars, border patrol vehicles and military combat vehicles. This scenario allows for comparison to larger databases than otherwise available on a handheld device or in a nearby vehicle. Additionally, a device physically attached to a computer located in a vehicle that acquires biometric samples may also be considered as a Mobile ID device.

### **DPS REQUIREMENTS**

The Mobile ID device should adhere to national standards and be a Fingerprint Acquisition Profile (FAP) 30 device or greater. FAP comes from NIST Special Publication 500-280 (Mobile ID Best Practices). DPS’ Mobile ID system will only accept image based searches; minutia based searches will not be supported. To insure accuracy, DPS requires a minimum NFIQ (NIST fingerprint image quality) score of 7 in order to be processed. Mobile ID search requests must be submitted over the CJIS Wide Area Network (WAN) as Multipurpose Internet Mail Extensions (MIME) encoded e-mail attachments via Simple Mail Transfer Protocol (SMTP) and should be for Criminal Justice Purposes only. If your agency is interested in submitting mobile ID submissions to the state, please provide DPS with the following:

- ❖ Signed Mobile ID/RISC User Agreement
- ❖ Copy of your agency’s appropriate use policy - An appropriate use policy should list in detail what the appropriate use (authorized and unauthorized) is for an officer utilizing a mobile ID device and the purpose of the mobile ID device.
- ❖ Completed Mobile ID Authorization Form
- ❖ Sample RPIS record
- ❖ Willing to share "success" stories associated with RISC hits

## **GENERAL INFORMATION**

Mobile ID is a service that will provide rapid fingerprint identification for submissions from a mobile fingerprint acquisition device. Mobile ID accepts, processes, and responds to fingerprint identification requests that contain between 2 and 10 images of fingers. The recommended fingers for mobile ID searches are 2 and 7 (the index fingers). Local law enforcement is able to submit one transaction to DPS; DPS will copy the one submission and forward it to the FBI while at the same time search the DPS database. The local law enforcement will receive responses from both DPS and FBI.

Mobile ID searches through DPS' system will have the ability to flag individuals of special interest and Mobile ID searches will access the entire Texas criminal history file. Searches for FBI's RISC (Repository for Individuals of Special Concern) will only consist of fingerprint images for wanted persons, known/suspected terrorist and sexual offenders. The FBI criminal master file does not get searched. A submissions response from DPS will be less than 1 minute (outside of network transport time).

## **RESPONSES**

DPS and FBI will process submissions in a "lights out" fashion without human intervention. Responses will consist of a Red, Yellow, or Green response.

- **Red** - A red response is a hit, indicating identification of a highly probable candidate. If available, red responses will be accompanied by a photo of the candidate. A red response should not be considered a positive identification, but rather the high likelihood of identification.
- **Yellow** - A yellow response is an indeterminate response. It is a possible hit, indicating identification of a possible candidate (or candidates) which is below the level of confidence established for a highly probable match (red response). If available, yellow responses will be accompanied by a photo of the candidate (s). There can be up to two candidate hits within one yellow response. The yellow response should only be used as an investigative tool providing leads for further investigative inquiries.
- **Green** A green response indicates no hit (i.e., the search did not locate a viable candidate).

# TEXAS DPS RECORD SPECIFICS

## TEXAS EFTS SPECIFICATION

### TEXAS TYPE 1 RECORD

#### Type 1 Record Specifications

IDENTIFIER	CONDITION	FIELD No.	FIELD NAME	CHAR TYPE	FIELD SIZE PER OCCURRENCE		OCCURRENCES		MAX. BYTES INCLUDING CHAR SEPARATORS & FIELD No.	EXAMPLE DATA	SPECIAL CHARACTERS ALLOWED
					MIN.	MAX.	MIN.	MAX.			
LEN	M	1.001	LOGICAL RECORD LENGTH	N	3	*	1	1	*	1.001:230<GS>	
VER	M	1.002	VERSION	N	5	5	1	1	11	1.002:0400<GS>	
CNT	M	1.003	FILE CONTENT	N	4	6	2	*	*	1.003:1<US>15<RS>2<US>00<RS>4<US>01<RS>4<US>02<RS>4<US>03<RS>4<US>04<RS>4<US>05<RS>4<US>06<RS>4<US>07<RS>4<US>08<RS>4<US>09<RS>4<US>10<RS>4<US>11<RS>4<US>12<RS>4<US>13<RS>4<US>14<GS>	
TOT	M	1.004	TYPE OF TRANSACTION	A	4	5	1	1	11	1.004:RPIS<GS>	
DAT	M	1.005	DATE	N	9	9	1	1	15	1.005:20080327<GS>	
PRY	O	1.006	TRANSACTION PRIORITY	N	2	2	0	1	8	1.006:1<GS>	
DAI	M	1.007	DESTINATION AGENCY	AN	*	*	1	1	*	1.007:DCFBWA6Z<GS>	
ORI	M	1.008	ORIGINATING AGENCY IDENTIFIER	AN	*	*	1	1	*	1.008:NY0303000<GS>	
TCN	M	1.009	TRANSACTION CONTROL NUMBER	ANS	*	*	1	1	*	1.009:1234567890<GS>	Any printable 7-bit ASCII character is allowed.

IDENTIFIER	CONDITION	FIELD NO.	FIELD NAME	CHAR TYPE	FIELD SIZE PER OCCURRENCE		OCCURRENCES		MAX. BYTES INCLUDING CHAR	EXAMPLE DATA	SPECIAL CHARACTERS
TCR	O	1.010	TRANSACTION CONTROL REFERENCE	ANS	*	*	0	1	*	1.010:1234567890<GS>	Any printable 7-bit ASCII character is allowed.
NSR	M	1.011	NATIVE SCANNING RESOLUTION	NS	6	7	1	1	13	1.011:20.00<GS>	Period allowed.
NTR	M	1.012	NOMINAL TRANSMITTING RESOLUTION	NS	6	7	1	1	13	1.012:20.00<GS>	Period allowed.
DOM	O	1.013	DOMAIN NAME	AN	*	*	0	1	*	1.013:NORAM<GS>	
GMT	O	1.014	GREENWICH MEAN TIME	AN	16	16	0	1	22	1.014:20061025132400Z<GS>	
DCS	O	1.015	DIRECTORY OF CHARACTER SETS	ANS	*	*	0	*	*	1.015:003<US>UTF-8<FS>	

### NIST Specifications

ASCII	DESCRIPTION
FS	Separates logical records of a file.
GS	Separates fields of a logical record.
RS	Separates multiple data entries (occurs) of an information field.
US	Separates individual information items of the field or subfield.

## NIST Type 2 (RPIS) MobileID Field Definitions

### Type 2 Elements

FIELD No.	IDENTIFIER	FIELD NAME	CHARACTER TYPE	FIELD SIZE		EXAMPLE	SPECIAL CHARACTERS
				MIN	MAX		
2.001	LEN	LOGICAL RECORD LENGTH	N	2	7	2.001:909<GS>	
2.002	IDC	IMAGE DESIGNATION CHARACTER	N	2	2	2.002:00<GS>	
2.006	ATN	"ATTENTION" INDICATOR	ANS	3	30	2.006:SA J Q DOE,RM 11867<GS>	Any printable 7-bit ASCII character with the exception of the period is allowed.
2.009	OCA	ORIGINATING AGENCY CASE NUMBER	ANS	1	20	2.009:Q880312465<GS>	Any printable 7-bit ASCII character with the exception of the period is allowed.
2.014	FBI	FBI NUMBER	AN	1	9	2.014:62760NY12<GS>	
2.018	NAM	NAME	AS	3	30	2.018:JONES, ANTHONY P<GS>	Commas, hyphens, and blanks are all allowed as special characters.
2.059	SRF	SEARCH RESULTS FINDINGS	A	1	1	2.059:R<GS>	
2.067	IMA	IMAGE CAPTURE EQUIPMENT	SET			2.067:DBI<US>1134<US>12345<GS>	Any printable 7-bit ASCII character is allowed.
2.070	RAP	REQUEST FOR ELECTRONIC RAP SHEET	A	1	1	2.070:Y<GS>	
2.071	ACN	ACTION TO BE TAKEN	ANS	0	300	2.071:IF NON-IDENT, SUBMIT TO UNSOLVED LATENT FILE<GS>	Commas, hyphens, ampersands, slashes, number signs, and blanks are all allowed as special characters.

FIELD	IDENTIFIER	FIELD	CHARACTER	FIELD SIZE		EXAMPLE	SPECIAL CHARACTERS
2.073	CRI	CONTROLLING AGENCY IDENTIFIER	ANS	1	9	2.073:NY0303000<GS>	
2.075	ERS	ELECTRONIC RAP SHEET	ANS	4	200,000	2.075:<rap sheet example here><GS>	Any printable 7-bit ASCII character is allowed.
2.088	NOT	NOTE FIELD	ANS	1	1,000	2.088:NOTE<GS>	Any printable 7-bit ASCII character is allowed.
2.096	RPR	REQUEST PHOTO RECORD	A	1	1	2.096:Y<GS>	
2.098	NDR	NAME OF DESIGNATED REPOSITORY	N	1	3	2.098:1<GS>	

\* Under the Character Type column: A = alpha, B = binary, N = numeric, S = special characters.

### Texas Specific Type 2 Tags

TAG-ELEM	RPISR
2.001-LEN	1 – Mandatory
2.002-IDC	1 – Mandatory
2.006-ATN	1 – Mandatory
2.014-FBI	1 – Optional
<b>2.015-SID</b>	<b>1 – Optional</b>
2.018-NAM	1 – Optional
2.059-SRF	1 – Mandatory
2.071-ACN	1 – Optional <sup>1</sup>
2.073-CRI	1 – Optional
2.075-ERS	1 – Optional
2.088-NOT	1 – Mandatory
<b>2.450-TSI</b>	<b>1 – Optional</b> <sup>2</sup>
<b>2.451-TDL</b>	<b>1 – Optional</b> <sup>3</sup>

1. Texas MIDS will return up to two yellow responses per submission. The highest ranking candidate will appear in the SID field (2.015). In the event that there are multiple yellow responses, the SIDs associated with the additional yellow responses will appear in the ACN field (2.071) (MULTIPLE YELLOW RESPONSES - SID:xxxxxxx, SID:xxxxxxx). Multiple Type 10 records will also be included – one for each SID (if available) and if the RPIS contains an RPR (2.096) = “Y”.
2. The TSI field (2.450) will contain the contents of the Texas Special Interest flag. This is a new Texas Type 2 tag.
3. The TDL field (2.451) will contain the Texas Driver License number enrolled in the MIDS database. This Driver License is updated in the TXDPS AFIS only as a result of a FDL TOT. This is a new Texas Type 2 tag.

## Texas Specific 2.450 and 2.451 Tags

TAG	DPSNAM	NAME	EDTSTR	SPcEDT	MINLEN	MAXLEN	MAXOCC
2.450	TSI	Texas Special Interest Flag	a	0	1	1	1
2.451	TDL	Texas Driver License	n	0	8	8	1

## RPISR EBTS fields for Type-2 Descriptive Record

• TAG-Elem	• RPISR
• 2.001-LEN	• 1 - Mandatory
• 2.002-IDC	• 1 - Mandatory
• 2.006-ATN *	• 1 - Mandatory
• 2.009-OCA *	• 1 - Optional
• 2.014-FBI	• 1 - Optional
• 2.018-NAM	• 1 - Optional
• 2.020-Place of Birth (POB) **	• 1 - Optional
• 2.059-SRF	• 1 - Mandatory
• 2.060-Status/Error Message ***	• 1 - Optional
• 2.067-IMA *	• 1 - Optional
• 2.071-ACN	• 1 - Optional
• 2.073-CRI *	• 1 - Optional
• 2.075-ERS ****	• 1 - Optional
• 2.088-NOT	• 1 - Mandatory
• 2.2023-Supplementary Identity Information (SII) ****	• 1 - Optional
• 2.2027-Geographic Coordinate **Datum	• 1 - Optional
<p>*As per the EBTS Appendix C, Section 1.0 - If the user supplies data in the following Type-2 Elements, ATN, OCA, CRI, or IMA fields in a submission or search, those data will be returned in the corresponding response.</p> <p>**This field is not returned for the CJIS RISC Pilot. Increment 2 will include this as an optional field.</p> <p>***2.060 field will be used to return an indicator that no photo is available.</p> <p>**** CJIS RISC Pilot returned supplemental NCIC information in the 2.075 field. Increment 2 will return this information in the new 2.2023 field.</p>	