

# Iris Pilot Operations Report

No action is required. This report is provided for informational purposes to allow analysis of existing iris operations.

Facilities are determined using the submitted iris camera Make/Model/Serial number (MMS) and iris image source agency (SRC).

## Two Iris Images vs. One Iris Image

*FBI CJIS Division always recommends enrolling and searching both irises to avoid any "clean misses".* For example, if only a right iris image is enrolled and a left iris image is searched, a non-match result will be returned even though the subject was enrolled in the iris database.

For each Type-17 Iris Record submitted there are three possible outcomes.

1. "GOOD" - The iris image was used for the enrollment or search.
2. "FAIL" - The iris image failed to pass quality checks and was not used in the enrollment or search.
3. "SKIP" - No iris image was submitted.

## Response Times

Response times are measured from the time the Iris Pilot receives a submission to the time that a response leaves the Iris Pilot.

For iris enrollments submitted with tenprints there is additional time for tenprint processing before the irises are sent to the Iris Pilot.

## Enrollment Report

Iris images can be enrolled with tenprints or as an update to an existing record. Both methods require two Type-17 Iris Image Records to be submitted. When an iris cannot be captured the reason can be indicated in the Type-17 record and no image is submitted.

Enrollments with tenprints allow 0-2 iris images to be submitted. Enrollments without tenprints require 1-2 iris images be submitted. Enrollments can either completely succeed (two iris images enrolled), completely fail (no iris images enrolled), or partially succeed (one iris image fails and one enrolls). Tenprint submissions with no iris images are considered "successful".

ENROLLMENT RESULTS BY FACILITY										
SRC	Facility	Avg. Time	Success	Iris Images Enrolled						Errors
				2		1		0		
CA0360034	SBCSO - West Valley Detention Center (Rancho Cucamonga)	1.09 s	3,007	99.5 %	2,993	0.5 %	14	0.0 %	0	277
CA0360000	SBCSO	8.12 s	2,709	99.3 %	2,690	0.7 %	19	0.0 %	0	6
CA0360030	SBCSO - Central Detention Center	1.05 s	1,329	99.5 %	1,322	0.5 %	7	0.0 %	0	126
CA0360037	SBCSO - High Desert Detention Center (Adelanto)	1.16 s	1,201	99.8 %	1,198	0.2 %	3	0.0 %	0	143
CA0360008	SBCSO - Barstow	1.22 s	225	98.7 %	222	1.3 %	3	0.0 %	0	17
CA0360009	SBCSO - Moronga	1.10 s	183	100.0 %	183	0.0 %	0	0.0 %	0	19
CA0360006	SBCSO - Big Bear	1.26 s	77	100.0 %	77	0.0 %	0	0.0 %	0	6
CA0360010	SBCSO - Colorado River	1.44 s	56	98.2 %	55	1.8 %	1	0.0 %	0	4
TOTAL	8	3.13 s	8,787	99.5 %	8,740	0.5 %	47	0.0 %	0	598

ENROLLMENT RESULTS BY CAMERA SERIAL										
SERIAL	Facility	Avg. Time	Success	Iris Images Enrolled						Errors
				2		1		0		
-	UNKNOWN	3.13 s	8,787	99.5 %	8,740	0.5 %	47	0.0 %	0	598
TOTAL	1	3.13 s	8,787	99.5 %	8,740	0.5 %	47	0.0 %	0	598

## Iris Images Submitted for Enrollment

IRIS IMAGES SUBMITTED FOR ENROLLMENT BY FACILITY													
SRC	Facility	Left Eye						Right Eye					
		GOOD		BAD		SKIP		GOOD		BAD		SKIP	
CA0360034	SBCSO - West Valley Detention Center (Rancho Cucamonga)	2,999	99.7 %	8	0.3 %	0	0.0 %	3,001	99.8 %	6	0.2 %	0	0.0 %
CA0360000	SBCSO	2,698	99.6 %	11	0.4 %	0	0.0 %	2,701	99.7 %	8	0.3 %	0	0.0 %
CA0360030	SBCSO - Central Detention Center	1,325	99.7 %	4	0.3 %	0	0.0 %	1,326	99.8 %	3	0.2 %	0	0.0 %
CA0360037	SBCSO - High Desert Detention Center (Adelanto)	1,200	99.9 %	1	0.1 %	0	0.0 %	1,199	99.8 %	2	0.2 %	0	0.0 %
CA0360008	SBCSO - Barstow	225	100.0 %	0	0.0 %	0	0.0 %	222	98.7 %	3	1.3 %	0	0.0 %
CA0360009	SBCSO - Moronga	183	100.0 %	0	0.0 %	0	0.0 %	183	100.0 %	0	0.0 %	0	0.0 %
CA0360006	SBCSO - Big Bear	77	100.0 %	0	0.0 %	0	0.0 %	77	100.0 %	0	0.0 %	0	0.0 %
CA0360010	SBCSO - Colorado River	55	98.2 %	1	1.8 %	0	0.0 %	56	100.0 %	0	0.0 %	0	0.0 %
TOTAL	8	8,762	99.7 %	25	0.3 %	0	0.0 %	8,765	99.7 %	22	0.3 %	0	0.0 %

IRIS IMAGES SUBMITTED FOR ENROLLMENT BY CAMERA SERIAL													
SERIAL	Facility	Left Eye						Right Eye					
		GOOD		BAD		SKIP		GOOD		BAD		SKIP	
-	UNKNOWN	8,762	99.7 %	25	0.3 %	0	0.0 %	8,765	99.7 %	22	0.3 %	0	0.0 %
TOTAL	1	8,762	99.7 %	25	0.3 %	0	0.0 %	8,765	99.7 %	22	0.3 %	0	0.0 %

## Enrollment Error Report

FBI CJIS Division recommends that errors are corrected to maximize the enrolled population and utility of the iris recognition services. The Iris Pilot began automated correction of most enrollment errors in mid-April 2015. Two common types of enrollment errors remain.

### Missing Type-17 Iris Record

*L0013 A general logic error was detected that is not currently defined. File contains an invalid number of Type-17 records.*

This error is caused by submissions with more or less than two Type-17 iris records. See the Iris Pilot Technical Specifications for more details.

### Templating Errors

*IRP003 A template could not be created for the submitted image ELR: '1'.*

This error is *almost* always caused by low-quality iris images.

### Other Errors

These errors include duplicate submissions and other minor glitches. CJIS can provide additional information if needed.

ENROLLMENT ERRORS BY FACILITY					
SRC	Facility	Missing T-17 Errors	Templating Errors	Other	Total
CA0360034	SBCSO - West Valley Detention Center (Rancho Cucamonga)	277	0	0	277
CA0360037	SBCSO - High Desert Detention Center (Adelanto)	143	0	0	143
CA0360030	SBCSO - Central Detention Center	126	0	0	126
CA0360009	SBCSO - Moronga	19	0	0	19
CA0360008	SBCSO - Barstow	15	1	0	16
CA0360006	SBCSO - Big Bear	6	0	0	6
CA0360000	SBCSO	0	1	4	5
CA0360010	SBCSO - Colorado River	4	0	0	4
<b>TOTAL</b>	<b>8</b>	<b>590</b>	<b>2</b>	<b>4</b>	<b>596</b>

ENROLLMENT ERRORS BY CAMERA SERIAL					
SERIAL	Facility	Missing T-17 Errors	Templating Errors	Other	Total
-	UNKNOWN	590	2	4	596
<b>TOTAL</b>	<b>1</b>	<b>590</b>	<b>2</b>	<b>4</b>	<b>596</b>

## Identification Report

No identification searches were conducted during the reporting period.

### Point of Contact

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