



AGENDA

LOS ANGELES COUNTY LOCAL CAL-ID RAN BOARD MEETING

Thursday, May 22, 2025
2:00 p.m.

LACRIS Biometric Technology Center
12440 E Imperial Highway, Suite 116
Norwalk, California 90650

- I. CONVENE
- II. Review/Approve Minutes of March 27, 2025, RAN Board Meeting.
(Attachment A)
- III. STATUS OF LACRIS FOR THE MONTHS OF MARCH AND APRIL 2025.
 1. Report on the status of the Livescan Network, Installations, and Enhancements.
 2. Report on the Status of Automated Biometric Identification System.
 3. LACRIS Statistics. **(Attachment B)**
 - a. LA PhotoManager (DMS)
 - b. Mobile ID
 - c. Training Update (Classes & Students)
 - d. MBIS Activity Statistics
 4. Report on the Steering Committee.
 5. Presentation on the Foster Freeman Crime Lite Auto Validation Study.
(Attachment C)
 6. General Updates.
- IV. ACTION ITEMS
 - A. Authorization to add one Training Deputy to LACRIS for a total annual salary, plus employee benefits cost of \$234,252. **(Attachment D)**

- B. Authorization to add one Senior Information Systems Analyst to LACRIS for a total annual salary, plus employee benefits cost of \$254,122.
(Attachment D)

V. OTHER ITEMS AND PUBLIC COMMENT

Public comments may be submitted before the meeting at info@lacris.org or by mail to the following address: LACRIS, 12440 E. Imperial Hwy., Suite 116, Norwalk, CA 90650.

VI. ADJOURNMENT

For more information regarding this agenda, please call (562) 345-4411.

(Si desea más informacion, o una traduccion de esta agenda, por favor llame al telefono 562-345-4411.)

Supporting documentation is also available at the Executive Office of the Board located at the Kenneth Hahn Hall of Administration, 500 W. Temple Street, Room B-50, Los Angeles, California 90012.

Local Cal-ID RAN Board Meeting
Minutes of March 27, 2025
Kenneth Hahn Hall of Administration
500 West Temple Street, Room 830
Los Angeles, California 90012

MEMBERS PRESENT

Briane Grey, Member at Large

ALTERNATES PRESENT

Adam MacDonald (for Tony Cortina, Chief of Police, West Covina PD)
Sandra Croxton (for Supervisor Kathryn Barger)
Captain James Peterson (for Sheriff Robert Luna, LASD)
Brian Cosgrove (for District Attorney Nathan Hochman)
Elena Nihoa Asucan (for Chief Jim McDonnell, LAPD)

NON-REPRESENTED MEMBERS

Christopher Anyakwo (for Mayor Karen Bass, Los Angeles City)

STAFF

Lieutenant Derek Sabatini, LACRIS, Cal-ID Manager
Cammy DuPont, General Counsel, County Counsel
Angela Vargas, LACRIS, Agency Secretary
John Carter, Lieutenant, Data Systems Bureau, LASD

PUBLIC

None Present

I. CONVENE

Chair Sandra Croxton called the Local Cal-ID RAN Board meeting to order at 2:13 p.m.

II. REVIEW/APPROVAL OF MINUTES

The minutes of the January 23, 2025, meeting were adopted (moved by Adam MacDonald, seconded by Elena Nihoa Asucan, and unanimously approved).

III. REPORT ON LACRIS STATISTICS, THE TECHNICAL ADVISORY MEETING, AND GENERAL UPDATES

Cal-ID Manager, Lieutenant Derek Sabatini, reported on the status of LACRIS systems and operations from January through February 2025.

1. Report on the Status of the LiveScan Network, Installations, and Enhancements

There were no Livescan installs during the months of January and February.

2. Report on the Status of ABIS

Various LACRIS systems were inoperable from January through February and experienced unscheduled downtime for approximately seventy-two (72) hours and twenty-one (21) minutes.

3. LACRIS Statistics

LA PhotoManager (DMS)

Total DMS Records (not sealed)	8,062,281	Total DMS Subjects (not sealed)	2,518,538	Approximately 68.7% with more than one record
Total System Users Over the Last 12 Months:		4,076	Users with Facial Recognition Training and Access:	1,932
FOR THE PERIOD OF 1/1/25 TO 2/28/25				
Total New Records	26,679	Total New Subjects	6,464	Approximately 75.7% of recidivism
Total Period FR Searches	6,940	Total Period CAFRI Searches	101	
		Total Period CAFRI Searches Received	562	

4. Mobile ID

From January through February 2025, there were 7,789 total inquiries and 5,656 positive Identifications, for a positive identification ratio of 73%.

5. Training Update

Number of Classes and Students: 1/1/25 – 2/28/25

Class Name	Total Classes Held	Total Students
CBS Livescan Training	13	79
Facial Recognition and LA PhotoManager	2	33
TOTAL	15	112

6. MBIS Activity

Date Range: 1/1/25 to 1/28/25		
Tenprint Inquiries		16,138
Tenprint Registration		3,776
Tenprint Positive Identification		12,311
- Lights Out		10,479
- Manually Processed		1,832
Latent Inquiries		5,077
Latent Identifications (Hits)		820
- Foster and Freeman Hits		4
Major Latent Hits: Part 1 Crimes	Total	FF
Murder	16	0
Forcible Rape	2	0
Robbery	369	4
Aggravated Assault	55	0
Burglary	213	0
Larceny	3	0
Motor Vehicle Theft	75	0
Arson	0	0
TOTAL Part 1 Crimes:	733	4

7. Steering Advisory Committee

The LACRIS steering committee met on February 12, 2025. The meeting participants were briefed on the status of LACRIS systems and ongoing projects. MBIS refresher training classes for latent examiners and 10 Print

were added to the LACRIS training schedule. The committee asked LACRIS to consider the purchase of Foster Freeman Crime Lite Auto devices so that agencies could gather prints. LACRIS requested the device be tested and evaluated, and the Santa Monica Police Department volunteered to conduct testing in the lab and field.

8. General Updates

The evaluators are reviewing the Regional Photo System (RPS) RFP proposals. The RPS will replace our current facial recognition system and improve our auditing and tattoo-matching capabilities.

The Mobile Booking Truck is close to starting production. LACRIS, the Sheriff's Communication and Fleet Management Bureau (CFMB), and LDV (the vendor) are finalizing the production approval documents. Once the production approval documents are signed, LDV will start building the truck.

Public Comment

There were no members of the public present.

IV. ACTION ITEMS

A. Authorization to Purchase Microsoft Unified Support Services

LACRIS requested authorization to purchase Microsoft Unified Support Services. LACRIS's continued use of Microsoft Unified Support Services will maintain access to expert problem-resolution assistance for unforeseen system outages. The quote included 12 onsite engineering/project visits, 330 hours of proactive credits, and support and services for our existing Microsoft environments.

LACRIS asked for authorization to purchase Microsoft Unified Support Services at the annual cost of \$115,967.

ACTION:

THE ITEM WAS MOVED BY BRIAN COSGROVE, SECONDED BY JAMES PETERSON, AND UNANIMOUSLY APPROVED TO PURCHASE MICROSOFT UNIFIED SUPPORT SERVICES FOR THE COST OF \$115,967.

B. Authorization to Purchase Two Direct to DOJ Latent Only IBW Workstations

LACRIS requested authorization to purchase two Direct-To-DOJ latent print-only workstations.

The Los Angeles Sheriff's Department (LASD) and the Los Angeles Police Department (LAPD) previously used the Department of Justice's (DOJ) AFIS 21 workstations. These new workstations will ensure they maintain uninterrupted access to the DOJ AFIS network and continue reliable processing of fingerprint transactions and positive identifications. The purchase will include shipping, installation, integration, 2-day remote training, and testing.

NEC provided a total cost quote of \$106,588, including five years of 24/7 maintenance and support.

ACTION:

THE ITEM WAS MOVED BY JAMES PETERSON, SECONDED BY BRIANE GREY, AND UNANIMOUSLY APPROVED TO PURCHASE TWO DIRECT-TO-DOJ LATENT PRINT-ONLY WORKSTATIONS FOR AN APPROXIMATE COST OF \$106,588.

C. Authorization to Purchase and Add Six (6) Vehicles to the LACRIS Fleet

LACRIS seeks authorization to purchase and add six vehicles to its current fleet. Currently, LACRIS operates with four vehicles, which have proven insufficient to support our law enforcement customers and equipment Countywide. In recent years, LACRIS has expanded its personnel, technology, and service responsibilities, significantly increasing the need for staff members to travel across Los Angeles County daily.

The estimated cost per vehicle is \$55,000, with an annual maintenance cost of approximately \$1,800 and an estimated annual fuel cost of \$1,100. The six vehicles' estimated yearly maintenance and fuel cost is \$17,400.

LACRIS requested authorization to purchase six (6) vehicles for \$330,000 plus \$17,400 per year for fuel and Maintenance costs.

ACTION:

THE ITEM WAS MOVED BY ADAM MACDONALD, SECONDED BY JAMES PETERSON, AND UNANIMOUSLY APPROVED TO PURCHASE SIX VEHICLES FOR AN APPROXIMATE COST OF \$330,000, ALONG WITH

**ESTIMATED ANNUAL FUEL AND MAINTENANCE COSTS OF \$17,400
ANNUALLY.**

Public Comment

There were no members of the public present.

V. ADJOURNMENT

The meeting was adjourned at 2:32 p.m. The next meeting is scheduled for May 22, 2025.

LA PhotoManager (DMS)

Total DMS Records (not sealed)	8,091,938	Total DMS Subjects (not sealed)	2,525,794	Approximately 68.7% with more than one record
Total System Users Over the Last 12 Months:		4,091	Users with Facial Recognition Training and Access:	2,028
FOR THE PERIOD OF 3/1/25 to 4/30/25				
Total New Records	29,890	Total New Subjects	7,067	Approximately 76.35% of recidivism
Total Period FR Searches	8,558	Total Period CAFRI Searches	160	
		Total Period CAFRI Searches Received	639	

Mobile ID

3/1/25 to 4/30/25

Month	Total Inquiries	Positive Identifications	Percentage of Positive IDs
March	4,608	3,370	73%
April	4,478	3,313	74%
2 Months	9,086	6,683	74%

Training Update:

For the period of 3/1/25 to 4/30/25

Classes and Students:

Class Name	Total Classes Held	Total Students
CBS Livescan Training	16	82
Facial Recognition and LA PhotoManager	6	81
TOTAL	22	163



MBIS Activity Statistics

Date Range: 03/01/2025 - 04/30/2025		
Tenprint Inquiries ¹	30,590	
Tenprint Registration ²	7,017	
Tenprint Positive Identification ³	23,477	
- <i>Lights Out</i>	19,617	
- <i>Manually Processed</i>	3,860	
Latent Inquiries ¹	8,140	
Latent Identifications (Hits) ³	1,504	
- <i>Foster and Freeman Hits</i> ⁴	21	
Major Latent Hits : Part 1 Crime Types	Total	FF ⁵
Murder	87	19
Forcible Rape	8	0
Robbery	248	0
Aggravated Assault	35	0
Burglary	652	0
Larceny	60	0
Motor Vehicle Theft	184	0
Arson	3	0
TOTAL Part 1 Crime Types :	1,277	19

¹ Tenprint: Count of all CRM, DCD, IDN, and REG received within the specified date range
Latent: Count of all latent searches launched within specified date range
² Count of all CRM, DCD, and REG completed within the specified date range which are not retained duplicate submissions
³ Tenprint: Count of all CRM, DCD, IDN, and REG HITS completed the specified date range
Latent: Count of all Latent HITS completed within the specified date range
⁴ Sub-count of the Latent HITS where a Foster & Freeman (FF) device was used
⁵ Sub-count of the Part 1 Crime Type HITS where a Foster & Freeman (FF) device was used

Validation Study

Foster and Freeman Crime-Lite Auto

Authored By: Mary-Claire St. Omer, Forensic Intern

Introduction:

The Crime-Lite Auto was received by the Forensic Section-Chemical Processing Laboratory in January 2025. The Crime-Lite Auto is a portable full spectrum camera that allows for the search, detection and capture of forensic evidence by performing real-time visible, fluorescent and infrared examinations. The Crime-Lite Auto consists of software, hardware and lighting equipment that detects, captures and enhances images that have the presence of unprocessed fingerprints. The device also allows video and images to be stored internally or exported to an external device for immediate digital transfer to the forensic laboratory.

The Crime-Lite Auto was set up by a Foster & Freeman representative in the Santa Monica Forensic Section Laboratory. The validation study of the Crime-Lite Auto system components such as the camera, filters, lenses, light sources and light guides were validated in their totality as part of the captured images and enhancements and not individually.

Method:

The validation study was conducted in accordance with the Santa Monica Police Department (SMPD) Forensic Section Quality Manual 7.2.1.5 (FSQM-08-22), the Crime-Lite Auto specifications were provided in Foster & Freeman Crime-Lite Auto Manual January 2025, and training seminars presented by Foster & Freeman Specialists.

Samples for the validation of the Crime-lite Auto were prepared in accordance with SMPD Laboratory Forensic Section Training Manual section 6.0 Chemical Processing techniques. Items used were from an active scene and a dusty surface that had not been cleaned in many years.

New Equipment:

System Components:

- Precision 20MP Digital SLR Camera
- Lens:
 - Autofocus 30mm f/3.5 macro lens
- Lens filters:
Long-pass fluorescence imaging filters:
 - VIS/420, 455nm, 495nm, 550nm, 590nm, and 780nmBandpass fluorescence imaging filters:
 - 415nm, 530nm and UV 315-380nm
- Light Sources:

- LED Ring with 4x UV, Violet, Blue, Blue/Green, Green, Orange and Red LEDs.
 - Illumination Arms with 4x UV LEDs, 2x IR and White LEDs
- Light Guides:
 - Coaxial Lighting Module
 - Oblique Lighting Module
- Pre-Set Examinations using Crime-Lite Auto PVL
- Accessories:
 - Coaxial Light Box
 - Oblique Light Ring

Imaging Techniques: Visual, Ultraviolet (UV) and Infrared (IR)

- Visible Imaging
- Visible Florescence
- Reflected UV Imaging
- Reflected IR Imaging

Enhancement Software:

The Crime-Lite Auto is suitable for the visualization of all common fingerprint development techniques.

- Latent prints visible under white and reflected UV ultraviolet
- DFO visible under blue green, green and orange light
- Cyanoacrylate visible under white and reflected UV ultraviolet
- Redwop visible under blue and blue green light
- 1,2-Indanedione visible under blue green, green and orange light
- Greenwop visible under blue green light
- Rhodamine 6G visible under blue green, green light
- Basic yellow visible under violet and blue light
- Acid yellow visible under blue light
- Ardox visible under blue light
- Magnetic Red Powder visible under blue light
- Ninhydrin visible under white and green light
- Nanoparticles visible under white UV, violet, blue green, green, orange light
- fpNatural 1 visible under blue and red light
- fpNatural 2 visible under red and infrared light
- PolyCyano UV visible under reflected ultraviolet light

Processes:

I. Visible Contrast Imaging Enhancement:

Scope: Using illumination within the visible range to capture fingerprint images. Crime lit-Auto enhancement techniques will be applied to capture unprocessed and nominally visible latent prints with enhanced contrast and eliminate colored background.

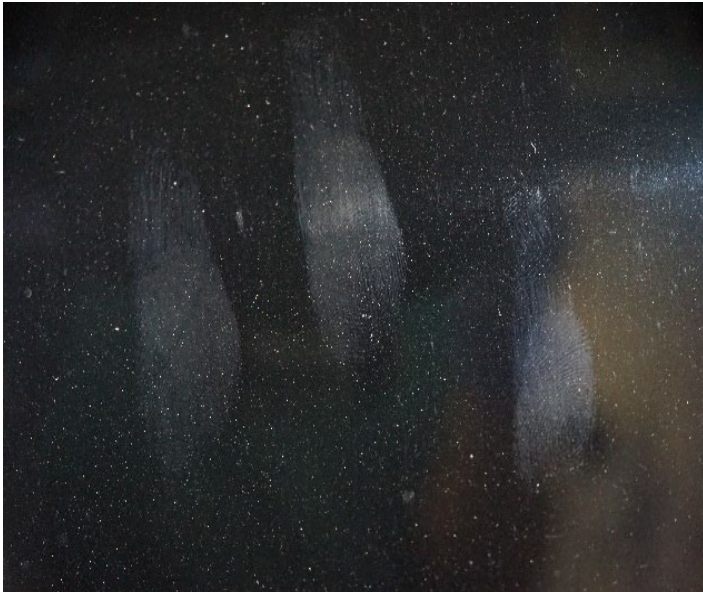
Parameters: The system components and enhancement techniques used will be documented for each captured and enhanced image. The validation study report will include essential information necessary to produce enhanced images.

Interpretation of results: More clearly visible, comparison-quality images with an enhanced contrast of the dark backgrounds will be considered a validation of the techniques and the system components.



Sample 2: Smudged fingerprints left by possible suspect(s) on a black glass surface from a vehicle used in a homicide scene. Images were captured the day after the crime occurred.

- Images of smudged fingerprints photographed using:
 - Crime lite Auto - Coaxial lighting module which produces light via a half-mirror to the same optical axis as the camera lens.
 - Crime lite Auto coaxial lighting module is ideal for imaging evidence (particularly fingerprints) on mirrored and highly reflective surfaces.



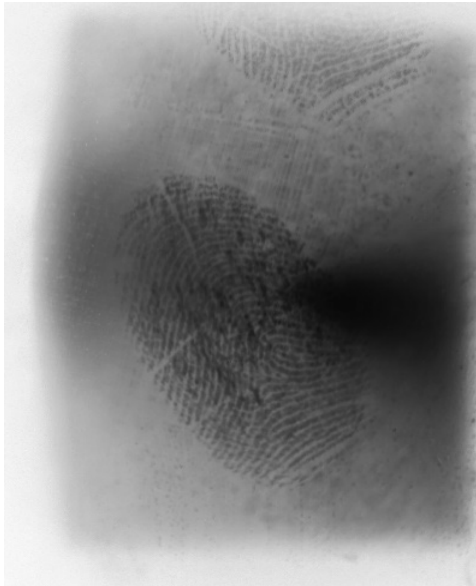
Sample 2: Enhanced smudged fingerprints left by possible suspect(s) by dropping out the dark background image (a reflective tented glass).

- Images of smudged fingerprint photographed and enhanced using infrared lighting on a dark surface.
- Crime lite Auto - Coaxial lighting module used the half-mirror on a reflective surface to the same optical axis as the camera lens to bring clarity to the smudged image underlined in red.



Sample 3A: Fingerprint using traditional black powder and brush lifting technique. Fingerprint photographed with background artifacts captured using powdering technique. Traditional powdering technique allows for many false artifacts in the image including shadowing and excessive darkness.

Sample 3B: Same image as 3B – used the Crime Lite Auto system to enhance the image by using white light to drop out the dark background caused by the powder, removed the dark halo and false artifacts.



(3A)



(3B)

II. Reflective UV Florescence Imaging Enhancement:

Scope: Using directional, high-intensity illumination via 12x white light and 12x UV LEDs the Oblique Ring Light attachment provides multi-angle surface lighting at all angles around an item of evidence.

Samples: Samples 2, 3 and 4.

Parameters: The system components and enhancement techniques used will be documented for each captured and enhanced image. The validation study report will include essential information necessary to produce enhanced images.

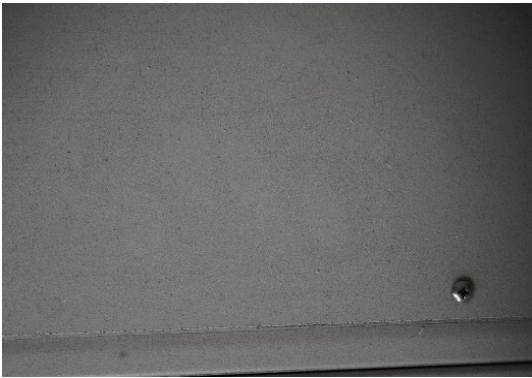
Interpretation of results: More clearly visible, comparison-quality images with an enhanced contrast of a light-colored dusty surface will be considered a validation of the techniques and the system components.

Sample 4: Fingerprints left on top of a dusty textured surface. The caron humidity chamber weighs several hundred pounds and has been moved once in 10 years. The fingerprints were left on this surface sometime in the last 10 years.

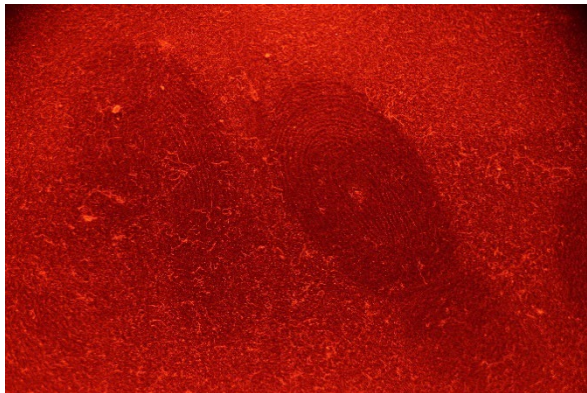
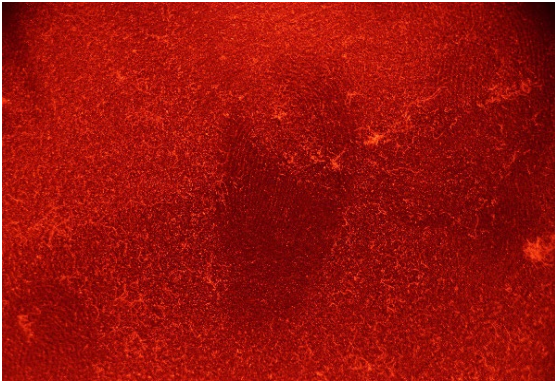
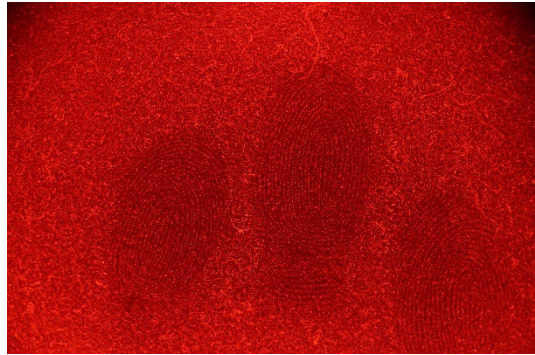
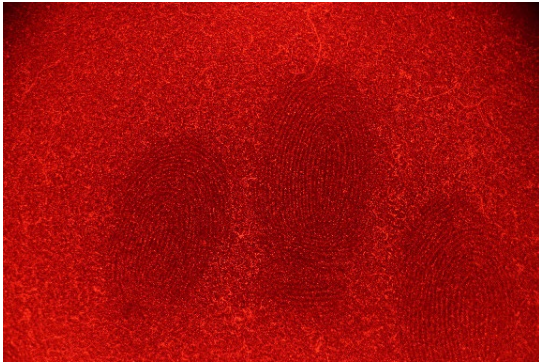
- Images placed on top of a textured surface with substrate being sweat.
- Crime lite Auto – Oblique Ring Light module which produces directional high intensity illumination using white light, UV light.
- Crime lite Auto oblique ring lighting modules are ideal for imaging evidence textures surfaces such as textures walls, clothing, bruising under skin, fingerprints embedded in a surface such as soap.



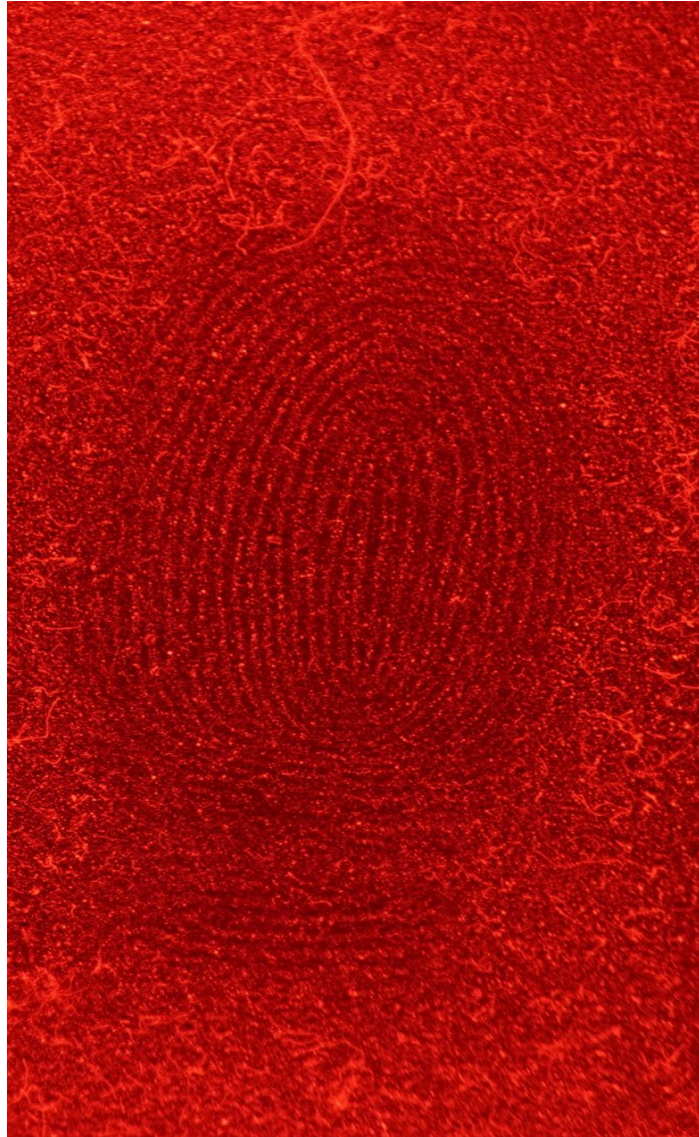
Sample 4: Mid-range and close-up photographs captured dust fingerprints on top of a dusty textured metal surface. The fingerprints were left on this surface sometime in the last 10 years.



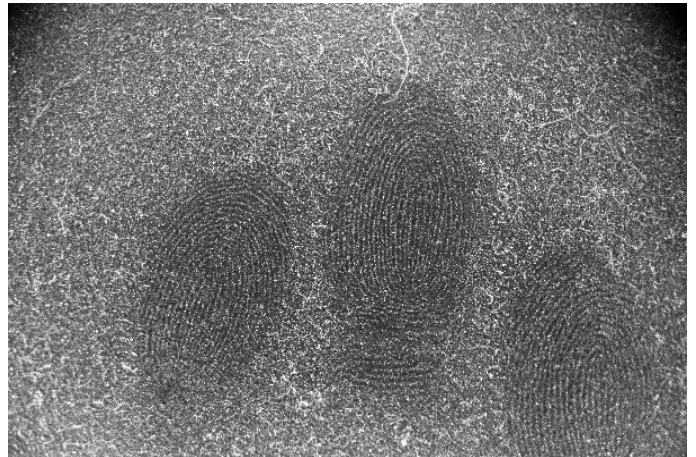
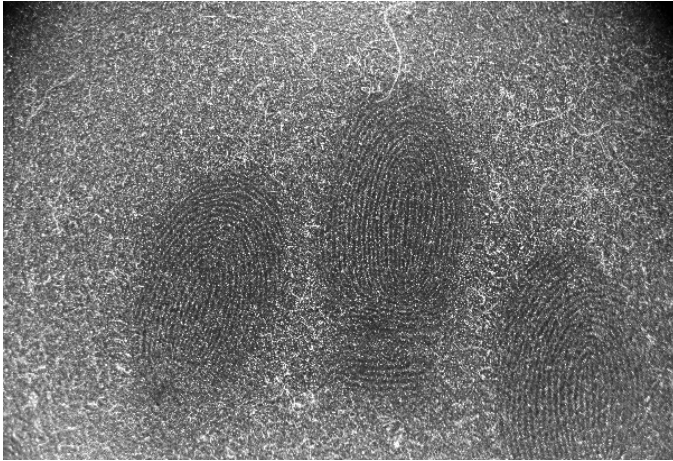
Sample 4: close-up photographs captured of dust fingerprints using the oblique ring light filter using UV LED light attachment which provides multi-angle surface light at all angles around the item to make fingerprints visible.



Sample 4 (continued):



Sample 4: close-up photographs captured of dust fingerprints using the oblique ring light filter using UV LED light attachment which provides multi-angle surface light at all angles around the item to make fingerprints visible.



Validation Study Results.

The validation study demonstrated that the Crime Lite Auto with its components and accessories, successfully captures, enhances, and produces life-size, comparison quality prints, and can be relied upon to be of sufficient quality to meet the needs of the customer and be routinely used in casework. This validation study will be conducted and verified by qualified and authorized Santa Monica Police Department (SMPD) laboratory examiners in a controlled environment in the SMPD Chemical Processing laboratory.

Limitations:

While utilizing the Crime Lite Auto in the field, this study found that the system can be heavy to hold for any length of time while actively capturing images in the field. The recommendation would be to use a tripod when feasible.

End of Validation

Date: _____

Completed and written by:
Forensic Administrator – Lisa Jackson-Robinson #3681

Date: _____

Reviewed and Approved by:
Lead Forensic Specialist – Stephanie Terndrup #3897

Date: _____

Released by:
Quality Assurance Manager – Lisa Jackson-Robinson #3681

COUNTY OF LOS ANGELES

SALARIES AND EMPLOYEE BENEFITS COST ANALYSIS

2025-26 RECOMMENDED BUDGET



SALARIES & WAG

3 - SALARIES & WAG

1011/1061

#	BUDGETED ITEM	ITEM SUB	DESCRIPTION	BARGAI NING UNIT	POSITION COUNT	Filled Pos?	WEIGHTED ANNUAL SALARY	TOTAL WEIGHTED ANNUAL SALARY	TOTAL EMPLOYEE BENEFITS	TOTAL SALARIES AND EMPLOYEE BENEFITS
1	2708A	A	DEPUTY SHERIFF	611	1	Yes	116,772.00	116,772.00	72,536.48	234,252.44
2	2593A	A	SENIOR INFORMATION SYSTEMS ANALYST	999	1	Yes	142,953.84	142,953.84	115,042.81	254,122.60
3							-	-	-	-
4							-	-	-	-
5							-	-	-	-
6							-	-	-	-
7							-	-	-	-
8							-	-	-	-
9							-	-	-	-
10							-	-	-	-
					2	TOTAL PERM (1011)	259,725.84	187,579.29	488,687.77	
					-	TOTAL TEMP (1061)	-	-	-	
					2	GRAND TOTAL	259,725.84	188,000.00	489,000.00	

Budget Unit:
Unit:
Program Title:
SBS #:

Budget Change Description: Refer to the Sheriff's Budget System (SBS) Cost-Out.

Sworn Bonus % includes:

OT (055) =	Add'tl Overtime =	-
Bonus I (145) =	Retiree Health =	24,000.00
Bonus II (145) =	Workers' Comp =	22,000.00
POST (146) for Capt/Cmdr/Chief =	Adj. Overtime =	-
POST (146) LT/SGT/DSG/BI/BII =	Adj. to EBs* =	-
POST MGNT (146) LT/Capt/Chief/Cmc	Salary Savings =	-
Manpower (126) =	Ongoing S&S =	18,000.00