



AGENDA

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY (“AUTHORITY”)

JOINT OPERATIONS AND TECHNICAL REGULAR COMMITTEE MEETING

Tuesday, November 14, 2023 • 1:30 p.m.

LA-RICS Headquarters
2525 Corporate Place, Suite 200, Large Conference Room
Monterey Park, CA 91754

Microsoft Teams Meeting* Link: [Click here to join the meeting](#)

Call-in Number for the Public:

Public May Submit Public Comment during the meeting to the Joint Committee by accessing the Microsoft Teams Meeting Link or Call-In Number below:

Telephone Number for the Public: (323) 886-6924

Conference ID: 340 915 778#

Los Angeles Regional Interoperable Communications System Authority (the “Authority”)

AGENDA POSTED: November 9, 2023

Complete agendas are available on the Authority’s website at <http://www.la-rics.org>.

OPERATIONS COMMITTEE MEMBERS		ALTERNATES	
1.	Leslie Luke , County of Los Angeles Chief Executive Office	1.	Brian Hoffman , County of Los Angeles Chief Executive Office
2.	Dayton Calhoun (Vice-Chair) , County of Los Angeles Fire Department	2.	August Dougherty , County of Los Angeles Fire Department
3.	David Sum (Chair) , County of Los Angeles Sheriff’s Department	3.	Robert J. Weber , County of Los Angeles Sheriff’s Department
4.	Adam Martinez , County of Los Angeles Department of Health Services	4.	Alfred Reyes , County of Los Angeles Department of Health Services
5.	Vincent Capelle , Los Angeles Area Fire Chiefs Association	5.	Phil Ambrose , Los Angeles Area Fire Chiefs Association
6.	Aaron Fate , Los Angeles County Police Chief’s Association	6.	Shannon Robledo , Los Angeles County Police Chief’s Association
7.	Joshua Nelson , California Contract Cities Association	7.	Vacant Seat , California Contract Cities Association
8.	David Povero , At-Large Seat #8	8.	Ric Walczak , At-Large Seat #8
9.	Jeff LaGreek , At-Large Seat #9	9.	Paul Devlin , At-Large Seat #9
10.	Vacant Seat , At-Large Seat #10	10.	Vacant Seat , At-Large Seat #10

TECHNICAL COMMITTEE MEMBERS		ALTERNATES	
1.	Leslie Luke , County of Los Angeles Chief Executive Office	1.	Brian Hoffman , County of Los Angeles Chief Executive Office
2.	Scott England (VC) , County of Los Angeles Internal Services Department	2.	August Dougherty , County of Los Angeles Fire Department
3.	David Sum , County of Los Angeles Sheriff’s Department	3.	Robert J. Weber , County of Los Angeles Sheriff’s Department
4.	Lipin Tan , County of Los Angeles Department of Health Services	4.	Adam Martinez , County of Los Angeles Department of Health Services
5.	Vincent Capelle , Los Angeles Area Fire Chiefs Association	5.	Phil Ambrose , Los Angeles Area Fire Chiefs Association
6.	Ted Pao (Chair) , County of Los Angeles Sheriff’s Department	6.	Nancy Yang , County of Los Angeles Internal Services Department
7.	Joshua Nelson , California Contract Cities Association	7.	Vacant Seat , California Contract Cities Association
8.	David Povero , At-Large Seat #8	8.	Ric Walczak , At-Large Seat #8
9.	Jeff LaGreek , At-Large Seat #9	9.	Paul Devlin , At-Large Seat #9
10.	Vacant Seat , At-Large Seat #10	10.	Vacant Seat , At-Large Seat #10

OFFICERS
Scott D. Edson , LA-RICS Executive Director
Beatriz Cojulun , LA-RICS Committee Secretary

NOTE: ACTION MAY BE TAKEN ON ANY ITEM IDENTIFIED ON THE AGENDA

- I. CALL TO ORDER**
- II. ANNOUNCE QUORUM – ROLL CALL**
- III. APPROVAL OF MINUTES (A)**
 - A. October 17, 2023 – Regular Meeting Minutes
Agenda Item A
- IV. PUBLIC COMMENTS**
- V. CONSENT CALENDAR – NONE**
- VI. REPORTS (B – E)**
 - B. Land Mobile Radio Update – Brian Smyth
Agenda Item B
 - C. Regional Interoperability Update – Ted Pao and Lt. Robert Weber
Agenda Item C
 - D. LMR Network Operation Status and Issues – Ted Pao
Agenda Item D
 - E. Bridge4PS Demonstration
Agenda Item E
- VII. ADMINISTRATIVE MATTERS - NONE**
- VIII. MISCELLANEOUS**
- IX. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE COMMITTEE**
- X. CLOSED SESSION REPORT – NONE**
- XI. ADJOURNMENT AND NEXT MEETING**



Joint Operations and Technical Regular Committee Meeting on Tuesday, December 19, 2023, at 1:30 p.m., LA-RICS Headquarters, 2525 Corporate Place, Suite 200, Large Conference Room, Monterey Park, California 91754.



COMMITTEE MEETING INFORMATION

Members of the public are invited to participate in the Teleconference/WebEx meeting via the phone number provided above, and address the LA-RICS Committee on any item on the agenda prior to action by the Committee on that specific item. Members of the public may also address the Committee on any matter within the subject matter jurisdiction of the Committee. The Committee will entertain such comments during the Public Comment period. Public Comment will be limited to three (3) minutes per individual for each item addressed, unless there are more than ten (10) requests for each item, in which case the Public Comment will be limited to one (1) minute per individual. The aforementioned limitation may be waived by the Committee's Chair.

(NOTE: Pursuant to Government Code Section 54954.3(b) the legislative body of a local agency may adopt reasonable regulations, including, but not limited to, regulations limiting the total amount of time allocated for public testimony on particular issues and for each individual speaker.)

It is requested that individuals who require the services of a translator contact the Committee Secretary no later than the day preceding the meeting. Whenever possible, a translator will be provided. Sign language interpreters, assistive listening devices, or other auxiliary aids and/or services may be provided upon request. To ensure availability, you are advised to make your request as soon as possible. (323) 881-8291 or (323) 881-8295

SI REQUIERE SERVICIOS DE TRADUCCION, FAVOR DE NOTIFICAR LA OFICINA LO MÁS PRONTO POSIBLE.

The meeting is recorded, and the recording is kept for 30 days.



JOINT OPERATIONS AND TECHNICAL COMMITTEE REGULAR MEETING MINUTES

**LOS ANGELES REGIONAL INTEROPERABLE
COMMUNICATIONS SYSTEM AUTHORITY**

Tuesday, October 17, 2023, • 1:30 p.m.

OPERATIONS COMMITTEE MEMBERS PRESENT:
Leslie Luke , County of Los Angeles, Chief Executive Office
Dayton Calhoun , County of Los Angeles Fire Department
Adam Martinez , County of Los Angeles Department of Children Services
Joshua Nelson , California Contract Cities Association
Jeff LaGreek , At-Large Seat #9
OPERATIONS ALTERNATE COMMITTEE MEMBERS PRESENT:
Robert J. Weber , County of Los Angeles Sheriff's Department
Phil Ambrose , Los Angeles Area Fire Chief's Association
Shannon Robledo , Los Angeles County Police Chiefs Association
Ric Walczak , At-Large Seat #8
OPERATION COMMITTEE MEMBERS ABSENT/VACANT:
Vacant , At-Large Seat #10

TECHNICAL COMMITTEE MEMBERS PRESENT:
Leslie Luke , County of Los Angeles, Chief Executive Office
Scott England , County of Los Angeles Internal Services Department
Lipin Tan , County of Los Angeles Department of Health Services
Ted Pao , Chair, Los Angeles County Internal Services Department
Joshua Nelson , California Contract Cities Association
Jeff LaGreek , At-Large Seat #9
TECHNICAL ALTERNATE COMMITTEE MEMBERS PRESENT:
Robert J. Weber , County of Los Angeles Sheriff's Department
Phil Ambrose , Los Angeles Area Fire Chief's Association
Ric Walczak , At-Large Seat #8
TECHNICAL COMMITTEE MEMBERS ABSENT/VACANT:
Vacant , At-Large Seat #10

OFFICERS PRESENT:
Ronald Watson, LA-RICS Deputy Executive Director
Beatriz Cojulun, LA-RICS Committee Secretary



NOTE: ACTION MAY BE TAKEN ON ANY ITEM IDENTIFIED ON THE AGENDA

I. CALL TO ORDER

Operations Committee Chair Lieutenant Robert Weber called the meeting to order at 1:32 p.m.

II. ANNOUNCE QUORUM – ROLL CALL

Nadine Luscombe said there was quorum present for both Joint Operations and the Technical Committees.

III. APPROVAL OF MINUTES – (A)

A. September 19, 2023 – Regular Meeting Minutes

Operations Lead Lt. Weber asked the Committees for approval of the minutes. Operations Vice-Chair Chief Dayton Calhoun motioned first, seconded by Technical Lead Ted Pao.

Operations Committee:

Ayes (9): Luke, Calhoun, Weber, Martinez, Ambrose, Robledo, Nelson, Walczak, LaGreek.

Technical Committee:

Ayes (9): Luke, England, Weber, Tan, Ambrose, Pao, Nelson, Walczak, LaGreek.

MOTION APPROVED.

(AGENDA ITEM E. 2024 SCHEDULE OF LA-RICS JOINT OPERATIONS AND TECHNICAL COMMITTEE MEETINGS WAS UNDER REPORTS AND MOVED TO BE UNDER ADMINISTRATIVE MATTERS AS AN ACTION ITEM, WHICH WAS ALSO TAKEN OUT OF SEQUENCE BY OPERATIONS CHAIR LT. WEBER FOR APPROVAL)

E. 2024 Schedule of LA-RICS Joint Operations and Technical Committee Meetings – Operations Lead Lt. Weber

It is recommended the Joint Operations and Technical Committees approve the following dates, still on the 3rd Tuesday of the month, for the calendar year 2024 Finance Committee Regular Meeting Schedule:



Regular Meeting (3rd Tuesday of the month)
January 16, 2024
February 20, 2024
March 19, 2024
April 16, 2024
May 21, 2024
June 18, 2024
July 16, 2024
August 20, 2024
September 17, 2024
October 15, 2024
November 19, 2024
December 17, 2024

Operations Lead Lt. Weber asked the Committees for approval of Agenda Item E. Operations Vice-Chair Calhoun motioned first, then seconded by Joint Committee Member Shannon Robledo.

Operations Committee:

Ayes (9): Luke, Calhoun, Weber, Martinez, Ambrose, Robledo, Nelson, Walczak, LaGreek.

Technical Committee:

Ayes (9) Luke, England, Weber, Tan, Ambrose, Pao, Nelson, Walczak, LaGreek.

MOTION APPROVED.

IV. PUBLIC COMMENTS – NONE

There was no public comment.

V. CONSENT CALENDAR – NONE

There were no Consent Calendar items.

VI. REPORTS (B – E)

B. Land Mobile Radio System Update – Brian Smyth

Program Director Brian Smyth presented the Land Mobile Radio (LMR) System Update Agenda Item B.



Program Director Smyth reported the timeline extension for the Integrated Master Schedule (IMS) from October 19, 2023, to November 17, 2023, has been approved as the Final System Acceptance. Program Director Smyth further reported the Authority continues to work towards and hoped to approve upon the November 2023 date.

September Progress

Program Director Smyth mentioned the Audio Capture (ACAP) Audio Grading was completed in September 2023.

Program Director Smyth said the Contractor for the Green Mountain (GRM) site was issued a Notice to Proceed (NTP). Program Director Smyth further said the Authority is awaiting the Right of Entry (ROE), which was submitted to State Parks and the City of Los Angeles (City) Department of Water and Power (LADWP) for approval, to put in a power pole, with work anticipated to be complete by mid-November 2023.

Program Director Smyth stated that migration coordination is ongoing and is currently in progress with County of Los Angeles (County) Internal Services Department (ISD). Program Director Smyth went on to say there are some sites requiring tower demolitions, which the team is preparing a demolition solicitation for the Tower Peak (TWR) site for November 2023. Program Director Smyth also stated that with the weather permitting, the plan is to solicit for the Castro Peak (CPK) and San Pedro Hill (SPH) site towers in the future. Program Director Smyth further added activities at Mount Lukens (MTL2), Frost Peak (FRP) are nearing completion and Magic Mountain Link (MML) is in progress.

Program Director Smyth reported that all Bridge Warranties have been submitted and approved.

Program Director Smyth mentioned the team received monthly reports for Narrowband Mobile Data Network 1 (NMDN1) and Digital Trunked Voice Radio System (DTVRS) which are in review.

Program Director Smyth said that Motorola Solutions, Incorporated (MSI) delivered all hard copy of the Closeout Books (COB) and record drawings for Phase two (2) and Phase four a (4)a are in hand and Phase four (4)b COBs are under review.



October Focus

Program Director Smyth said the Authority is currently in the cutover phase for the Analog Conventional Voice Radio Subsystem (ACVRS) and Los Angeles Regional Tactical Communications Systems (LARTCS). Program Director Smyth added the next system to cutover is NMDN2 scheduled for November 2023, with the team looking to improve on the cutover date. Program Director Smyth further said the Authority has weekly meetings with County of Los Angeles (County) Fire Department (LACoFD) and stake holders to monitor the cutover process and monitor with MSI.

Program Director Smyth mentioned the final twelve (12) month warranty plan is in development and will be submitted soon for review. In regard to site access roads, Program Director Smyth expressed the Whitaker Middle Peak (WMP) site continues to have cost issues, FRP will be closed as of November 3, 2023, for the winter season at the ski resort.

Project Director Smyth further mentioned the team continues to work with County Internal Services Department (ISD) on sharing costs of repairs at the MML, Portal Ridge (PRG) and Bald Mountain (BMT) sites.

Project Director Smyth stated the Authority is seeking competitive bids for various categories of construction services. Project Director Smyth added the Authority is pre-purchasing long lead items for the MCI site generator and Automatic Transmission System (ATS) while the contract for installation is let out for bid.

Project Director Smyth stated that Weed Abatement is being provided by ISD and has two (2) competitive bids, which the Authority, having selected the low bidder, therefore the Purchase Order (PO) is in the works.

Project Director Smyth added the team is now preparing for the NMDN2 cutover. Program Director Smyth concluded his report.

There were no questions or comments.

C. Regional Interoperability Update – Technical Lead Ted Pao and Operations Lead Lt. Robert Weber

Operations Lead Lt. Weber reported the Authority met with the all the regional stakeholders on Thursday, October 12, 2023, at the LA-RICS Headquarters and discussed how best to coordinate connections between all the systems including the systems which would be online in the future.



Operations Lead Lt. Weber expressed there was good collaboration between the attendees and the meeting was led by Executive Director Edson. Operations Lead Lt. Weber said the Authority hopes to have further information on coordinating connections in the near future.

Operations Lead Lt. Weber further added the attendees were on the same page regarding ensuring that people with “feet on the ground” would be able to talk to each other using the LA-RICS System.

Technical Lead Ted Pao had nothing to add. Operations Lead Lt. Weber concluded the report on Regional Interoperability Update. There were no questions or comments.

D. LMR Network Operation Status and Issues– Technical Lead Ted Pao

Technical Lead Pao reported the Authority had reached a significant milestone in advancing toward the completion of the LMR System and the Authority completed the provisional acceptance of all subsystems, except for Phase two (2) of the NMDN cutover. Technical Lead Pao went on to say the LACoFD is currently conducting a test cutover of NMDN2 and once completed, the Authority will determine the timing of our provisional acceptance of NMDN2. Technical Lead Pao said assuming there is no further complication with NMDN2 testing, this LMR project is well on its way to Final LMR System Acceptance, currently projected to be on November 17, 2023.

Technical Lead Pao stated that project staff members have been busy reviewing MSI submittals for system documentation and Work Acceptance Certificates (WAC). Technical Lead Pao went on to say that team members have also been engaged with operational aspects of the LMR Network. Technical Lead Pao further stated the team has been closely monitoring various key performance indices and alarms to ensure service-impacting issues are handled promptly and efficiently.

Technical Lead Pao said staff continues to work with the MSI Service Manager to improve MSI’s service performance as it has been noticed that certain alarms and trouble tickets are not being handled promptly or efficiently.

Technical Lead Pao expressed that although these issues have not been raised to impact end-user services, it does show improvements are needed and the expectations from each organization will need to be ironed out in the next few months.



Technical Lead Pao mentioned the Top Ten (10) Talkgroups for September with associated August's Talkgroup minutes. Technical Lead Pao referred to the new Talkgroup, Inglewood Police Department (IGPD), that came as a result of the onboarding. Technical Lead Pao stated that IGPD is now the busiest Talkgroup for a law enforcement agency and for dispatch operations, with more talk minutes than the busiest County of Los Angeles Sheriff's Department (LASD) stations, such as Lancaster, Santa Clarita, and Palmdale, which was surprising and encouraging.

Technical Lead Pao went on to discuss the Top Fifteen (15) sites for talk time minutes. Technical Lead Pao talked about the top site, which is the Downtown seven hundred (700 MHz) simulcast cell comprised by County of Los Angeles Fire Command and Control Facility (FCCF), Foltz Criminal Justice Center (CCT), Baldwin Hills (BHS), Universal Citywalk (UNIVCTYWLK) and the UCLA factor building continues to be the busiest cell. Technical Lead Pao mentioned all the airtime minutes for the sites are similar from month to month, which was presented at the July 6, 2023, Joint Operations and Technical meeting.

Technical Lead Pao concluded by saying the top agency's user of the DTVRS was LASD, as expected. However Technical Lead Pao, went onto say that IGPD has made this list and is in the third (3rd) position currently.

Technical Lead Pao concluded his report. There were no questions.

VII. ADMINISTRATIVE MATTERS – (E)

(AGENDA ITEM E. 2024 SCHEDULE OF LA-RICS JOINT OPERATIONS AND TECHNICAL COMMITTEE MEETINGS WAS UNDER REPORTS AND MOVED TO BE UNDER ADMINISTRATIVE MATTERS AS AN ACTION ITEM, WHICH WAS ALSO TAKEN OUT OF SEQUENCE BY OPERATIONS CHAIR LT. WEBER FOR APPROVAL)

VIII. MISCELLANEOUS – NONE

IX. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE COMMITTEE – NONE

X. CLOSED SESSION REPORT – NONE

XI. ADJOURNMENT AND NEXT MEETING

Operations Lead Lt. Weber called for a motion to adjourn the Regular Joint Committee Meeting, to which Vice Chair Calhoun motioned first.



Operations Lead Lt. Weber adjourned the Regular Joint Operations and Technical Committee Meeting at 1:53 p.m. and stated the next Joint Committee Meeting will be held on Tuesday, November 14, 2023, at 1:30 p.m., at the LA-RICS Headquarters, 2525 Corporate Place, Suite 200, Large Conference Room, Monterey Park, California, 91754.




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SCOTT EDSON
EXECUTIVE DIRECTOR

November 14, 2023

To: LA-RICS Joint Operations and Technical Committee Members
From: Scott Edson 
Executive Director

LAND MOBILE RADIO (LMR) UPDATE

The purpose of this discussion item is to provide an update on the Land Mobile Radio (LMR) System with respect to the current Phases.

BS:nl;mbc

AGENDA ITEM B



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SCOTT EDSON
EXECUTIVE DIRECTOR

November 14, 2023

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson 
Executive Director

REGIONAL INTEROPERABILITY UPDATE

The purpose of this item is to provide an update on the regional interoperability effort.

TP:nl



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SCOTT EDSON
EXECUTIVE DIRECTOR

November 14, 2023

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson 
Executive Director

LMR NETWORK OPERATION STATUS AND ISSUES

The purpose of this discussion item is to update the committee on the LMR Network operation status and issues that may be impacting LA-RICS and/or end users.

TP:nl

AGENDA ITEM D



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SCOTT EDSON
EXECUTIVE DIRECTOR

November 14, 2023

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson 
Executive Director

BRIDE4PS DEMONSTRATION

The purpose of this discussion item is to provide a demonstration on the Bridge4PS system. Bridge4PS is a secure mobile and desktop communications and data-sharing app designed specifically for first responders to communicate in real-time across teams, departments, agencies, and jurisdictions

RJW:mbc

AGENDA ITEM E

Secure, Interoperable Public Safety Messaging & Collaboration



Homeland
Security

Science and Technology

DEPENDENCE ON CONSUMER-GRADE APPS

Public safety is quickly operationalizing messaging as a mission critical communications tool. But the lack of a secure, compliant, interoperable, and cost-effective industrywide platform is driving the rapid and widespread adoption of risky consumer-grade apps.

Each of these apps violates different types of public safety laws and regulations. Signal uses end-to-end-encryption which violates many discovery and transparency laws and brings numerous other risks identified in this [International Statement issued by the Department of Justice](#). WhatsApp not only sells user data, but the data is owned by Facebook, Inc. (now Meta Platforms) also violating many laws governing public safety data. A third widely used tool is Telegram which is hosted in the Middle East and has similar issues as Signal and WhatsApp with security, data encryption and privacy. Other less popular apps carry similar risks.

NO VIABLE ALTERNATIVES

Alternatively, there are enterprise apps such as Microsoft Teams which lack interoperability across agencies. Other premium messaging platforms utilize subscription models are cost-prohibitive for many public safety agencies and inhibit interoperability.

So, the accessibility of free, consumer technologies, lack of compliant alternatives, and operational necessity of text-based messaging is driving the rapid adoption of these risky tools.

NEED FOR COMPLIANT MESSAGING TOOL

DHS funded Bridge 4 Public Safety (Bridge4PS) to provide a secure, compliant, accessible, fully interoperable alternative. Bridge4PS was built and is operated by Mobility 4 Public Safety (M4PS). M4PS led the Harris County FirstNet Early Builder program and has unmatched experience deploying public safety collaboration.

M4PS recently completed a FedRAMP Moderate Baseline System Security Plan (SSP) as the first step towards achieving FedRAMP compliance. Once an Authority to Operate (ATO) is obtained, Bridge4PS will be the only fully compliant nationwide, interoperable public safety messaging platform.



PROJECT OVERVIEW

Bridge4PS was launched in 2019 as a Proof-of-Concept (POC) to validate the need and understand the costs of a dedicated, public safety messaging and collaboration tool. The POC exceeded all projects targets and expectations. It was instrumental during early response to the Coronavirus Pandemic, civil unrest, 2020 Hurricane Season and 2020 Election Cycle.

IMPACT OF BRIDGE4PS

Bridge4PS promotes interoperable communication between agencies to better coordinate operational awareness and efficient response to emergencies. Remediation costs are reduced through the resulting efficient response.

ACCOMPLISHMENTS

1. Bridge4PS adoption is spreading nationwide – almost purely organically - by local, state, tribal, and federal agencies at a rate of 36% annually. This level of organic growth demonstrates the market demand which will be accelerated with proactive outreach.
2. Implementation of federated identity sharing allows Single Sign-On to Bridge4PS using agency credentials, promoting easier & more secure access.

UPCOMING MILESTONES

Obtain FedRAMP Moderate Authority To Operate (ATO)

