



# AGENDA

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

### JOINT OPERATIONS AND TECHNICAL REGULAR COMMITTEES MEETING

Tuesday, May 21, 2024, • 1:30 p.m.

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

Microsoft Teams Meeting\* Link: [Join the meeting now](#)

#### 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: 211 398 446#

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

**AGENDA POSTED: May 16, 2024**

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.	Grant Grunbaum, 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.	Paul Villalobos, Monterey Park Police Department
7.	Joshua Nelson, California Contract Cities Association	7.	Vacant Seat, California Contract Cities Association
8.	David Povero, At-Large Seat #3	8.	Ric Walczak, At-Large Seat #3
9.	Jeff LaGreek, At-Large Seat #2	9.	Paul Devlin, At-Large Seat #2
10.	Robert Russell, At-Large Seat #4	10.	Brandon Coatney, At-Large Seat #4

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.	Grant Grunbaum, 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 #3	8.	Ric Walczak, At-Large Seat #3
9.	Jeff LaGreek, At-Large Seat #2	9.	Paul Devlin, At-Large Seat #2
10.	Robert Russell, At-Large Seat #4	10.	Brandon Coatney, At-Large Seat #4

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. April 16, 2024 – Regular Meeting Minutes

Agenda Item A

**IV. PUBLIC COMMENTS**

**V. CONSENT CALENDAR – NONE**

**VI. REPORTS (B – F)**

B. Land Mobile Radio Update – Brian Smyth

Agenda Item B

C. Ad Hoc Update – Lt. Weber

Agenda Item C

D. UASI Regional Interoperability Update – Ted Pao and Lt. Robert Weber

Agenda Item D

E. LMR Network Operation Status and Issues – Ted Pao

Agenda Item E

F. Radio Frequency Jamming – Scott England

Agenda Item F

**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, June 18, 2024, 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 COMMITTEES REGULAR MEETING MINUTES

LOS ANGELES REGIONAL INTEROPERABLE  
COMMUNICATIONS SYSTEM AUTHORITY

Tuesday, April 16, 2024, • 1:30 p.m.

**OPERATIONS COMMITTEE MEMBERS PRESENT:**

**Leslie Luke**, County of Los Angeles Chief Executive Office  
**Dayton Calhoun**, (Vice-Chair), County of Los Angeles Fire Department  
**Adam Martinez**, County of Los Angeles Department of Health Services  
**Vincent Capelle**, Los Angeles Area Fire Chief's Association  
**Aaron Fate**, Los Angeles County Police Chief's Association  
**Joshua Nelson**, California Contract Cities Association  
**David Povero**, At-Large Seat #3

**OPERATIONS ALTERNATE COMMITTEE MEMBERS PRESENT:**

**Robert J. Weber**, (Chair), County of Los Angeles Sheriff's Department

**OPERATION COMMITTEE MEMBERS ABSENT/VACANT:**

**Jeff LaGree**, At-Large Seat #2  
**Robert Russell**, At-Large Seat #4

**TECHNICAL COMMITTEE MEMBERS PRESENT:**

**Leslie Luke**, County of Los Angeles Chief Executive Office  
**Scott England**, (Vice-Chair), County of Los Angeles Internal Service Department  
**Lipin Tan**, County of Los Angeles Department of Health Services  
**Vincent Capelle**, Los Angeles Area Fire Chief's Association  
**Ted Pao**, (Chair), County of Los Angeles Sheriff's Department  
**Joshua Nelson**, California Contract Cities Association  
**David Povero**, At-Large Seat #3

**TECHNICAL ALTERNATE COMMITTEE MEMBERS PRESENT:**

**Robert J. Weber**, County of Los Angeles Sheriff's Department

**TECHNICAL COMMITTEE MEMBERS ABSENT/VACANT:**

**Jeff LaGree**, At-Large Seat #2  
**Robert Russell**, At-Large Seat #4

**OFFICERS PRESENT:**

**Scott Edson**, LA-RICS Executive Director  
**Marissa Bosque**, LA-RICS Project Team Member for Committee Secretary, Beatriz Cojulun



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

**I. CALL TO ORDER**

Operations Committee Alternate Chair Lieutenant Robert Weber called both the Joint Operations and Technical Committees meetings to order at 1:36 p.m.

**II. ANNOUNCE QUORUM – ROLL CALL**

Marissa Bosque took roll call and acknowledged a quorum was present for both Joint Operations and Technical Committees.

Operations Lead Lt. Weber welcomed the Joint Operations and Technical Committees Members and proceeded with Approval of the Minutes.

**III. APPROVAL OF MINUTES – (A)**

**A. March 19, 2024 – Regular Meeting Minutes**

Operations Lead Lt. Weber asked the Committees for approval of the minutes. Vice-Chair Dayton Calhoun motioned first, seconded by Joint Committee Member David Povero.

Operations Committee:

Ayes (8): Luke, Calhoun, Martinez, Capelle, Fate, Nelson, Weber, Povero

Technical Committee:

Ayes (8): Luke, England, Tan, Capelle, Pao, Nelson, Weber, Povero

**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 Smyth greeted the Chairman and members of the Committee.

#### Procurement Update

Program Director Smyth reported the LA-RICS Technical Team continue to review options for future remote door control, cameras (both stationary cameras and cameras with pan-tilt zoom), motion detection, and an upgraded master key plan for an additional layer of security to LA-RICS shelters. Program Director Smyth further reported the LA-RICS Technical Team was in the process of exploring design options, and the most promising solution was one that took advantage of the existing T/MON Network, which provided alarms for generator power, and door position. Program Director Smyth went on to share other procurement activities such as the purchasing and installation of the rollup and stationary generators at site Saddle Peak (MCI), in which the purchase order is pending, the design of four (4) sites in development for the submeter upgrades, development of scope and budget for security upgrades, and the issuance of a purchase order for pest control at sites Magic Mountain Link (MML) and Tejon Peak (TPK). Program Director Smyth further shared weed abatement for sites Loop Canyon (LPC), Mount Disappointment (MDI) and Pine Mountain (PMT) were scheduled for late April 2024, and the issuance of additional purchase orders were forthcoming. Program Director Smyth mentioned the tower demolition contract was projected to be awarded in July 2024, and the anticipated completion date was September 2024. Program Director Smyth went on to say the Invitation for Bid (IFB) for site Castro Peak (CPK) was being developed.

Program Director Smyth stated the City of Los (City) Angeles Department of Water and Power (LADWP) inspected the existing power pole at site Green Mountain (GRM) that LA-RICS was planning to utilize and determined it was not structurally sound and needed to be replaced. Program Director Smyth further stated LADWP must decide if they would install it under the LA-RICS Right of Entry (ROE) permit, which would require them to indemnify LA-RICS, or if they would pursue their own ROE.

Program Director Smyth shared Southern California Edison's (SCE) solar power plant near site Burnt Peak (BUR1) had an anticipated completion date of December 2024. Program Director Smyth further shared SCE confirmed



LA-RICS could connect to the LADWP site, thus saving the cost of a new transformer installation, and this would allow for the installation to fall within LA-RICS' approved Environmental Impact Boundary. Program Director Smyth went on to say the bid process for the LA-RICS conduit and pull box connection to SCE infrastructure would begin in September 2024, and power would be available by the end of December 2024.

Program Director Smyth reported the construction for road repair at sites Whitaker Middle Peak (WMP) and MML would begin at the start of the second quarter of 2024, and there would be a potential for delay due to recent design and budget changes. Program Director Smyth further reported the County of Los Angeles (County) Fire Department (LACoFD) continued to assist LA-RICS in clearing the access road to site GRM. Program Director Smyth went on to say the access road to site Frost Peak (FRP) was reopening in May 2024 after the close of the ski season.

Program Director Smyth shared maintenance activities the PM Team was working with MSI on. Program Director Smyth stated the PM Team identified the LA-RICS shelters that were damaged due to water intrusion and referred them to MSI to perform repair work. Program Director further stated Heating, Ventilation, Air-Conditioning (HVAC) replacement work, modifications to fuel delivery systems at site Pine Mountain (PMT), and insurance related repairs at sites Mount McDill (MMC) and TPK were in progress.

This concluded the Project Mangers report with no additional discussion.

**C. Regional Interoperability Update – Operations Lead Lt. Weber**

Operations Lead Lt. Weber reported the Ad Hoc Committee meeting took place on April 11, 2024, and items discussed were the Agreements for ID sharing with Interagency Communications Interoperability (ICI) and other Entities and the outline of Standard Operating Procedures (SOP).

Operations Lead Lt. Weber further reported on ongoing discussions with the City of Los Angeles.

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

Technical Lead Ted Pao greeted the Committee Members.

Technical Lead Pao expressed that March 2024 marked the conclusion of the rainy season in the County. Technical Lead Pao further expressed despite recently encountering a severe rainstorm and anticipating another





storm to follow, it was likely the bulk of rainy events for this winter had passed. Technical Lead Pao stated, while LMR System faced some challenges from the year's winter storms, the LMR System managed significantly better compared to the atmospheric river storms of the previous year. Technical Lead Pao further stated, although access roads presented some difficulties, LA-RICS fortunately did not experience the severe road erosion or ice damage seen in the 2022 and 2023 winter storms, and LA-RICS remained cautiously optimistic as the season transitioned.

Regarding the impact on LMR operations due to winter storms, Technical Lead Pao expressed there were no operational outages, and it appeared the microwave links maintained their alignment, unlike in 2023, when a few microwave links at high-wind sites required minor realignment and additional reinforcement with antenna braces. Technical Lead Pao further expressed these events only resulted in a reduction in available bandwidth or speed and did not cause operational issues.

Technical Lead Pao reported service-related challenges with MSI continued to be a focal point for LA-RICS and, while there were improvements in certain areas, challenges remained in others. Technical Lead Pao reported further reported LA-RICS was persistent in communications to MSI of the necessity for enhancements to meet LA-RICS' operational standards.

Technical Lead Pao shared slides of the old tower removal at San Dimas as the surrounding residents and homeowner's association requested the County remove the tower after the completion of the LA-RICS tower. Technical Lead Pao went on to say the tower removal required the County to migrate its equipment from the old tower onto LA-RICS' tower.

Technical Lead Pao shared the Narrowband Mobile Dana Network (NMDN) statistics for March 2024; the outbound message counts were 6100 and up to 9200; the inbound messages were lower in counts, but largely followed the trend, from the mid-2,000s to high of 4,200s; monthly message counts indicated numbers close together for January 2024, February 2024, and March 2024.

Technical Lead Pao mentioned statistics for the ACVRS subsystem were available, and LACoFD was largely operating on the ACVRS subsystem. Technical Lead Pao further mentioned the top fifteen (15) sites processed just over 1.67 million calls, with a potential monthly system-wide count nearing two (2) million calls. Technical Lead Pao expressed Men's Central Jail (MCJ) had the top TalkGroup usage with Inglewood Police Department (IGPD) following. Technical Lead Pao further expressed MCJ had the



highest Push to Talk count, and LASD, IGPD, and LACoFD were the top three agencies that used the most TalkGroup time in minutes.

Technical Lead Pao concluded his report with no additional discussion.

**E. SmartConnect Presentation – Mario Morales (Motorola Solutions, Inc.)**

Jeff Ashton of Motorola (MSI) introduced himself as the MSI account manager for LASD and LACoFD. Mr. Ashton went on to introduce Mario Morales, an MSI technical product consultant, who would be sharing the SmartConnect Presentation, and Mohamed ELNagdi, from MSI, to answer any technical questions. Mr. Morales stated he would share capabilities of one of MSI's Smart features on their portfolio. Mr. Morales introduced SmartConnect, which was a way of seamlessly switching voice to WiFi when a radio system wasn't available. Mr. Morales further stated SmartConnect technically routed P25 packets over the broadband bearer, which meant all security, Talkgroups and voice quality remained the same. Mr. Morales reported SmartConnect was easy to administer and was transparent to the user. Mr. Morales further reported APX N50 allowed SmartConnect to work over WiFi and was offered as a subscription service.

Mr. Morales gave an overview on the broadband network types that were supported and how they worked; the feature/application service was enabled by radio and radios were pre-programmed. Mr. Morales mentioned a threshold Received Signal Strength Indicator (RSSI) must be defined. Mr. Morales expressed every Talkgroup could be enabled or disabled for SmartConnect as required, and WiFi Service Set Identifiers (SSID) and passwords must also be provisioned. Mr. Morales further expressed the radio constantly monitored the P25 and broadband signal out in the field, and whenever the P25 signal strength approached the threshold, the radio prepared to make a seamless switchover of all voice traffic to the broadband network. Mr. Morales went on to say when a radio switches over, it simply tunneled the P25 packets over broadband, meanwhile, leaving voice quality, connectivity, and security unchanged. Mr. Morales mentioned the voice packets were routed through a cloud gateway, back to the P25 master site, then re-connected to the system.

Mr. Morales went on to show feature capabilities of SmartConnect, such as how it created an ASTRO system overlay/zone, where the P25 voice and data traveled via broadband instead of the traditional LMR frequencies. Mr. Morales reported the result was broadband operation, which sounded and worked just like P25.



Mr. Morales shared images showing features not supported when on SmartConnect, other device capabilities and outlined the SmartConnect solution architecture.

Further discussion ensued after MSI's presentation regarding SmartConnect capabilities and pricing for subscriptions and radios. Mr. Ashton (MSI) stated for LA-RICS to contact him for additional questions regarding SmartConnect.

**VII. ADMINISTRATIVE MATTERS – NONE**

**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 adjourned the Regular Joint Operations and Technical Committee Meeting at 2:54 p.m. and stated the next Joint Committee Meeting will be held on Tuesday, May 21, 2024, at 1:30 p.m., at the LA-RICS Headquarters, 2525 Corporate Place, Suite 200, Large Conference Room, Monterey Park, California, 91754.

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




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<http://www.la-rics.org>

SCOTT EDSON  
EXECUTIVE DIRECTOR

May 21, 2024

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 Operation and Preventive Maintenance Phase.

BS:mb




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SCOTT EDSON  
EXECUTIVE DIRECTOR

May 21, 2024

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson   
Executive Director

**AD HOC UPDATE**

This discussion item is to provide an update on the LA-RICS Ad Hoc Committee for interoperability.

TP:mb




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SCOTT EDSON  
EXECUTIVE DIRECTOR

May 21, 2024

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

**UASI REGIONAL INTEROPERABILITY UPDATE**

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

TP:mb




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SCOTT EDSON  
EXECUTIVE DIRECTOR

May 21, 2024

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 committees on the LMR Network operation status and issues that may be impacting LA-RICS and/or end users.

TP:mb




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SCOTT EDSON  
EXECUTIVE DIRECTOR

May 21, 2024

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

**RADIO FREQUENCY JAMMING**

This item is to provide a presentation on Radio Frequency Jamming.

SE:mb