



# AGENDA

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

### JOINT OPERATIONS AND TECHNICAL REGULAR COMMITTEE MEETING

Tuesday, September 19, 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:** 474 514 41#

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

#### AGENDA POSTED: September 13, 2023

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

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

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

OFFICERS
<b>Scott D. Edson</b> , LA-RICS Executive Director
<b>Beatriz Cojulun</b> , 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 - B)**

A. July 18, 2023 – Regular Meeting Minutes

Agenda Item A

B. August 15, 2023 – Regular Meeting Minutes

Agenda Item B

**IV. PUBLIC COMMENTS**

**V. CONSENT CALENDAR – NONE**

**VI. REPORTS (C – F)**

C. Land Mobile Radio Update – Brian Smyth

Agenda Item C

D. 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. Subscriber & Affiliate Based User MOUs – Scott Edson

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, October 17, 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, July 18, 2023 • 1:30 p.m.

<b>OPERATIONS COMMITTEE MEMBERS PRESENT:</b>
Leslie Luke, County of Los Angeles, Chief Executive Office
Dayton Calhoun, County of Los Angeles Fire Department
David Sum, County of Los Angeles Sheriff's Department
Adam Martinez, County of Los Angeles Department of Children Services
Vincent Capelle, Los Angeles Area Fire Chiefs Association
Aaron Fate, Los Angeles County Police Chiefs Association
Jeff LaGreek, At-Large Seat #9
<b>OPERATIONS ALTERNATE COMMITTEE MEMBERS PRESENT:</b>
Shannon Robledo, Los Angeles County Police Chiefs Association
Ric Walczak, At-Large Seat #8
<b>OPERATION COMMITTEE MEMBERS ABSENT/VACANT:</b>
Vacant, California Contract Cities Association
Vacant, At-Large Seat #10

<b>TECHNICAL COMMITTEE MEMBERS PRESENT:</b>
Leslie Luke, County of Los Angeles, Chief Executive Office
David Sum, County of Los Angeles Sheriff's Department
Lipin Tan, County of Los Angeles Department of Health Services
Vincent Capelle, Los Angeles Area Fire Chiefs Association
Ted Pao, Chair, Los Angeles County Internal Services Department
Jeff LaGreek, At-Large Seat #9
<b>TECHNICAL ALTERNATE COMMITTEE MEMBERS PRESENT:</b>
Dayton Calhoun, County of Los Angeles Fire Department
<b>TECHNICAL COMMITTEE MEMBERS ABSENT/VACANT:</b>
Scott England, Vice-Chair, County of Los Angeles Fire Department
Vacant, California Contract Cities Association
Vacant, At-Large Seat #10

<b>OFFICERS PRESENT:</b>
Scott 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**

Technical Lead Ted Pao chaired the meeting today due to Operations Committee Chair Lieutenant Robert Weber was out of town on business. Technical Lead Ted Pao called the meeting to order at 1:33 p.m.

**II. ANNOUNCE QUORUM – ROLL CALL**

Committee Secretary Beatriz Cojulun said there was quorum present for both Joint Operations and Technical Committees (Joint Committees).

**III. APPROVAL OF MINUTES – (A -C)**

**A. March 21, 2023 – Regular Meeting Minutes**

Agenda Item A

**B. May 2, 2023 – Special Meeting Minutes**

Agenda Item B

**C. June 20, 2023 – Regular Meeting Minutes**

Agenda Item C

Technical Lead Pao asked the Committees for approval of the minutes.

Joint Committee Member Vincent Capelle motioned first; Joint Committee Member Leslie Luke motioned second.

Operations Committee

Ayes 9: Luke, Calhoun, Sum, Capelle, Ambrose, Fate, Robledo, Walczak, LaGreek.

Technical Committee

Ayes 9: Luke, Calhoun, Sum, Tan, Capelle, Ambrose, Pao, 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 (D – F)

### D. Land Mobile Radio System Update – Brian Smyth

Program Director Smyth presented Agenda item D the Land Mobile Radio (LMR) System Update.

Program Director Smyth presented the Integrated Master Schedule (IMS) Milestone dates. Program Director Smyth said the cut over date for the Digital Trunk Voice Radio Subsystem (DTVRS) is complete as of May 1, 2023. Program Director Smyth said the cut over start for the Los Angeles Regional Tactical Communications System (LARTCS) start date is September 22, 2023. Program Director Smyth added the Analog Voice Radio System (ACVRS) start date for the cut over is October 9, 2023 and the Narrowband Mobile Data Network (NMDN2) cutover start date is December 7, 2023. Program Director Smyth added the Final System Acceptance is projected for December 20, 2023. Program Director Smyth said the information was based on the Motorola Solutions, Incorporated (MSI) schedule with Data Date (DD) of June 13, 2023. Program Director Smyth said those are the dates they are working towards and intend to improve on those dates.

#### June Progress

Program Director Smyth said MSI's effort is now shifted towards the cutover preparations of the LARTCS, the ACVRS and the Narrowband Mobile Data Network NMDN2 Subsystems cutovers.

Program Director Smyth went on to add that restoration work at Mount McDill (MMC) is nearing completion, and work at the Frost Peak (FRP) site has been completed.

Program Director Smyth further added there was a Request for Quote (RFQ) for a short-term commercial power solution at the Green Mountain (GRM) site which is in final review and a Notice to Proceed (NTP) is forthcoming.

Program Director Smyth informed the Committees the Right of Entry (ROE) authorizations and migration coordination are underway with the County of Los Angeles (County) Internal Services Department (ISD) and the migration installation will start on Monday, June 26, at the Mount Lukens (MTL2) site.



Program Director Smyth mentioned that MSI warranty reports have been obtained for NMDN1 from the first three (3) months of this year and are currently under review.

### July Focus

Program Director Smyth reported that MMC site restoration work due to storm damage is to be worked on in July. Program Director Smyth further reported that Whitaker Middle Peak (WMP) site has outstanding road repair work with the team currently evaluating a proposal from ISD.

Program Director Smyth stated that some sites were encountered public safety power shut offs through Southern California Edison (SCE), which the team would be monitoring the run times on the generators per the Air Quality Management District (AQMD) agreements currently in place (for the purpose of applying for a variance, if needed).

Program Director Smyth expresses that in preparation for fire season and clearing defensible areas, critical sites weed abatement would be the next focus. Program Director Smyth acknowledged Captain August Dougherty for providing site fuel assessment reports, which were essential in developing a scope in weed abatement.

Program Director Smyth concluded by saying the project is at the point of completion in construction, therefore, shifting activities to cutover and implementation.

Program Director Smyth concluded his report. There were no questions.

### **E. Regional Interoperability Update – Technical Lead Ted Pao**

Technical Lead Pao expressed that with the Authority's continued efforts to complete the region's system-of-systems interoperability. LA-RICS operation and the technical staff worked with the City of Los Angeles (City) Mayor's Office and other system operators, such as Interagency Communications Interoperability (ICI), LA City Police Department (LAPD), the City of Long Beach, Los Angeles World Airports (LAWA), Port of Los Angeles Police, and other stakeholders in order to bring this priority project to the forefront now that these systems have been completed or are in the completion stage.

Technical Lead Pao reported that during June 2023's Regional Interoperability Working Group meeting, LA-RICS also presented the non-trunking interoperable capability of its various voice and data subsystems. Technical Lead Pao said the P25 trunking interoperability, along with the LA-RICS analog conventional





channels, would offer a complete interoperability capability to the Los Angeles region which it has never enjoyed. Technical Lead Pao further reported that in the months to come, radio communications leaders, system operators, and other stakeholders need to come up with interoperability protocols and standard operating procedures to fully exploit the various interoperability tools LA-RICS is providing, in conjunction with other P25 system operators.

Technical Lead Pao stated that in the Regional Interoperability Working Group meeting, it was mentioned the system is not only a P25 trunk interoperability system, the Authority has the capability of the LARTCS system, which has the national interoperability 800 MHz frequencies and Ultra High Frequency (UHF). Technical Lead Pao also said that VHF channels are being utilized for brush fires by LA County Fire Department. LARTCS also include two (2) Low Band frequencies. Technical Lead Pao went on to say that on the UHF analog conventional voice system, they have the fire channels and regional analog channels, which the region can access for interoperability also. Technical Lead Pao concluded by saying that it is not necessary to only have trunking interoperability, but it is possible to have analog conventional interoperability.

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

**F. Spectrum and Licensing Issues Impacting Land Mobile Radio Deployment –**  
Technical Lead Ted Pao

Technical Lead Pao presented slides to discuss the Spectrum and Licensing issues. Technical Lead Pao said the slides tallied up the talk times by the cells using the P25 UHF and 700 MHz cells and showed the numbers in calls and minutes for the month of June 2023. The slides showed quite a bit of utilization.

Technical Lead Pao added the top twenty (20) talk groups being utilized by various agencies such as LACoFD, LASD Aero Bureau, including the LASD Special Unit Dispatch, local tactical talkgroups, and the District Attorney (DA) dispatch. Technical Lead Pao pointed out the LASD Men's Central Jail (MCJ) talkgroups which recently started the service and is using a lot of minutes in a short span of time. Technical Lead Pao show the slide comparing Push-to-Talk (PTT) verses talk time, which showed high PTTs count versus airtime minuties since each PTT transmission is only three (3) to six (6) seconds for law enforcement transmission, where LACoFD and Emergency Medical Services (EMS) have longer transmissions in duration of fifteen (15) to thirty (30) seconds. This irects in more PTTs than airtime minutes. Technical Lead Pao showed PPT talk time per cell.

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

**VII. DISCUSSION ITEMS – (G – H)**



- G. Review of Bobcat Fire Communication Issues** - Operations Vice-Chair Chief Dayton Calhoun
  
- H. Law/Fire Unified Command Scenarios** – Operations Vice-Chair Chief Dayton Calhoun

Operations Vice-Chair Calhoun provided a two (2) discussion item presentation, with topics being a 2020 Incident Review and Standardization; as well the Bobcat Fire from September 6, 2020, through December 18, 2020, which was the largest fire County ever had.

Operations Vice-Chair Calhoun referred to map slides indicating the size of the fire and the map burn scars, which was there for over five (5) years. Operations Vice-Chair Calhoun further expressed there is potential for major events such as debris and mud flows to occur in the future.

Operations Vice-Chair Calhoun continued his presentation by saying the incident was presented as an initial action zone and LACoFD since it started in the forest area, using the United States Forest Service (USFS) communications plan. Operations Vice-Chair Calhoun went on to say that during the Bobcat fires, LACoFD used both their own channels and the USFS channels which is not typical or preferred. Operations Vice-Chair Calhoun said it is preferable to have communications plan to come out of one (1) organization.

Operations Vice-Chair Calhoun said that presently, LACoFD uses Very High Frequency (VHF) channels. Operations Vice-Chair Calhoun detailed that for Vegetation fires, the State and Federal governments require the LACoFD to use VHF communications channels, as well as a vegetation fire communications plan. Operations Vice-Chair Calhoun stated that other departments who do not have a VHF communications plan will use their own communications capabilities. Operations Vice-Chair Calhoun further stated that if departments are instructed to use a unified command, all departments will switch over to a mutual aid VHF communications plan.

Operations Vice-Chair Calhoun said the LACoFD considered that very dangerous and does not like to switch communication plans once operations have started.

Operations Vice-Chair Calhoun shared that LACoFD went from twelve (12) V channel sites to twenty-four (24) sites and, twenty-seven (27) all together with twenty-four (24) site giving tremendous coverage. Operations Vice-Chair Calhoun believes that if the Bobcat fire happened today, the LACoFD would be able to cover from the foothills in Monrovia all the way to Palmdale using the LARTCS



interoperable channels. Operations Vice-Chair Calhoun said it is a significant change in how and where LACoFD does business.

Operations Vice-Chair Calhoun continues to reference a map slide indicating the twenty-seven (27) sites using the VHF LARTCS. Operations Vice-Chair Calhoun said the program also does old coverage testing and they are very impressed with both Ultra High Frequency (UHF) and VHF channels, which has exceeded map predictions.

Operations Vice-Chair Calhoun talked about guidance for Standardization, which included daily operations and special events. Operations Vice-Chair Calhoun expressed hypotheticals such as how would departments going to work with each other using mutual aid verses automatic aid and initial action unified command. Operations Vice-Chair Calhoun went on to say that for instance how would the City of Los Angeles Police (City) Department (LAPD) talk with County LASD, as well as how would the City communicate with the County, and how would the Verdugo Peak's (VPK) site talk with LACoFD on a day-to-day basis since they see each other daily and not only at events. Operations Vice-Chair Calhoun said they receive roughly two- hundred and fifty (250) mutual aid calls per day.

Operations Vice-Chair Calhoun mentioned that at the SoFi Stadium in Inglewood can hold two-hundred and twenty (220) plus special events. Operations Vice-Chair Calhoun also said that other special events such as the Pasadena Rose Bowl, the World Cup, and the Olympics which are call-controlled events, can have extended incidents, civil disturbances, and catastrophic events.

Operations Vice-Chair Calhoun provided various samples of communication plans from different battalions reflecting department overviews and reference guides. Operations Vice-Chair Calhoun found discrepancies and suggested having a meeting to review validation, standardization, distribution, and socialization in the way the Authority operates using day-to-day, verses a staged or special event, as well as having different expectations and requirements for each. Operations Vice-Chair Calhoun indicated the need to assess the effectiveness and adjust policy procedures in training to fit the changing technology. Operations Vice-Chair Calhoun said that LA-RICS would continue expanding it with offer different functions and accessories, adapting to these changes.

Operations Vice-Chair Calhoun expressed that implementation would include accessing effectiveness and adjusting policy, procedures, and training. Operations Vice-Chair Calhoun expressed the need for liaisons with partner agencies and mutual aid partners, as well as having tabletop exercises, field exercises and simulations.



Operations Vice-Chair Calhoun expressed the need to work around subscriptions for the departments that are not subscribers, as well as a good playbook which would keep all departments updated and informed.

Operations Vice-Chair Calhoun was asked about LACoFD's plan going forward and if implementation was already set said, to which he said the cutover would occur on October 1, 2023, as well as the completion of training for dispatch and field operations. Operations Vice-Chair Calhoun mentioned that all of the dispatches are currently on analog conventional and departments are not using digital yet. However, Operations Vice-Chair Calhoun said that it has been used as a talk around and administrative functions, like in remote areas for the lifeguards and Battalion Chiefs. Operations Vice-Chair Calhoun further added there is a plan to start to expand with lifeguards and move from there. Operations Vice-Chair Calhoun added shared that some department are resistant to use Immediate Danger to Live and Health (IDLH) with digital, due to departments currently having continual coverage for the large area. Operations Vice-Chair Calhoun said there may be a need for change within the culture of departments, so they keep in mind it is a great alternative, should the need arise.

Operations Vice-Chair Calhoun was asked if the cutover date had any effects on fire ground mutual aid or automatic aid responses within the region on the digital side for LA-RICS, and he went on to say that departments would operate similar to the way, e.g. West Covina Department operates using the administrative channel replaced with a dispatcher on the command channel. Operations Vice-Chair Calhoun confirmed the digital side would not be using LA-RICS. Operations Vice-Chair Calhoun went on to say that LA-RICS is only for special events such as SoFi Stadium and others, not operational or mutual aid. Operations Vice-Chair Calhoun mentioned the Authority is losing an opportunity, but hopes to see what can be done in the future.

Operations Vice-Chair Calhoun shared that LACoFD operates on the conventional side along with digital capabilities talking to other departments that are on digital, e.g. like ICI and West Covina.

Operations Vice-Chair Calhoun referenced the communications plans he previously discussed and expressed that he would like the plans allocated somewhere they can be posted, updated, and validated, which would allow all departments to view when changes are made. Operations Vice-Chair Calhoun he would like departments to know it is an updated reliable source, which a mutual agreement could occur. Operations Vice-Chair Calhoun believes that by seeing how others operate, betters of all departments.

Executive Director Scott Edson said tactical Talkgroups are available to the departments with no identifications (IDs) needed, using the same regional



Talkgroups that are patched together. Executive Director Edson reported that Operations Lead Lieutenant Robert Weber provided a demonstration at the May 2, 2023, Joint Committees meeting.

Executive Director Edson said the system was funded by Urban Area Security Initiative (UASI), and cities opted-out at one point due to cost concerns. The Chief Executive Officer (CEO) at that time, expressed there was no need to opt-out since they would not be charged under the older funding plan, which was due to the increase of money obtained to support a systems-to-systems model. Executive Director Edson described it as having many smaller systems patched together through Inter Subsystem Interface (ISSI) connections and to interoperate that way.

Executive Director Edson explained the system IDs and individual radios refer to the original model known as the “umbrella model.” Executive Director Edson said as the Authority “the system of systems model” comes closer to using the system, more agencies such as Fire and law enforcement anticipate exchanging IDs and be directly interoperable without tactical patches. Executive Director Edson further explained that LA-RICS must morph into a hybrid system so the Authority could allow, agencies have the local Sheriff station surround them, which LA-RICS (independent entity) would make that happen. Executive Director Edson talked to ICI and they said they would provide all of the needed IDs, as well as giving mutual aid IDs. Executive Director Edson shared there are tactical frequencies public safety could use, for instance, tactical one (1) through four (4) are for fire agencies; five (5) through eight (8) are for law enforcement; twelve (12) through sixteen (16) are for regional law enforcement with ISSI switch; and all frequencies could be pre-identified for the purpose of coordinating the departments on which frequency to join.

Joint Committee Member Capelle stated that on the Fire they use IDLH much more than LAPD and law enforcement, they use tactical on digital in their areas. Joint Committee Member Capelle shared that West Covina Fire uses analog when going out to a fire scene.

Executive Director Edson asked Technical Lead Pao if the analog system required IDs on everyone’s systems, to which Technical Lead Ted Pao said they do not. Executive Director Edson explained because the frequency is analog it only needs a Private Line (PL) tone and does not require IDs.

Operations Vice-Chair Calhoun provide Orange County as an example of an instance in which they contacted Brea Fullerton letting them know of available patch access channels, allowing us of the same patch. Operations Vice-Chair Calhoun said that LACoFD is using access channels which are digital and are accepting IDLH on a different Talkgroup.



Operations Vice-Chair Calhoun said it has been mentioned in Los Angeles Area Fire Chiefs Association (LAAFCA) to coordinate a Tactical Interoperable Communications Plan (TICP) with everyone, having a single co-plug. Operations Vice-Chair Calhoun expressed that a Lead is needed to run the depository of communication plans.

Joint Committee Member Capelle suggested for the next Joint Committee meeting, Committee Members should start to work on standardization, to which Operations Vice-Chair Calhoun agreed with and went on to add that it would take small steps towards large goals and be prepared for the larger events.

Executive Director Edson mentioned that LA-RICS would ensure that LACoFD would have digital Talkgroups they could use for their activities and would be made available as needed, as well as being able to include equivalent channels on different systems.

Operations Vice-Chair Calhoun said LACoFD is preparing for multiple agencies not being able to get onto the same frequency, which if it happens and they get mutual aid, the dispatch is given a tactical frequency. Joint Committee Member Capelle said that at the West Covina Fire Department there are enough digital channels to free them, allowing others to use for IDLH. Joint Committee Member Capelle said their Department is ready for this change and suggested the Joint Committees plan a presentation for the upcoming LAAFCA desert even on October 2023.

Operations Vice-Chair Calhoun mentioned the California Great ShakeOut in October 2023, as he looks forward to using the disaster and communications plan, along with the Authority's system implementing the overage and coverage systems. Operations Vice-Chair Calhoun said the event would be the biggest push to go digital.

Joint Committee Member Capelle wondered if law enforcement prefers using tactical channels in order to avoid a potential breakdown to patch the draw. Operations Vice-Chair Calhoun said the Authority was improving upon the system, but currently no one is willing to self-fund that type of system.

Joint Alternate Committee Member Walczak shared that was present for the demonstration at the March 21, 2023, meeting and was satisfied with it and could see it working. Joint Alternate Committee Member Walczak reflected on the difference in interoperability agencies, such as within the ICI Group there is confusion as to what works and does not work. Joint Alternate Committee Member Walczak said that within the different subgroups and agencies, they may program Covina's systems differently than another agency using the same system. Joint Alternate Committee Member Walczak went on to say the technology is there and it can be connected, but there is a need to know what is being connected, including



to what and where, needing to be standardized. Operations Vice-Chair Calhoun agreed.

Executive Director Edson wondered if LACoFD and law enforcement were in a situation where if there is a wildfire and LASD are there, how would the currently communicate. Operations Vice-Chair Calhoun said they talk digitally by incorporating TICP and have integrated all LA-RICS channels for the LASD side.

Executive Director Edson wondered if LASD could change over to the current system when Deputies need to be sent for road closures or evacuations and currently do not have a full command post set-up. Operations Vice-Chair Calhoun said they would be able to, but might use an agency representative and use dispatch-to-dispatch if it is an initial action, and if on scene, either a Deputy or Sergeant would need try to find the closest on scene resource.

Executive Director Edson questioned that if in the future, would the command post have additional channels to talk to as the same regional channel LASD would be on, or would it be on either an analog channel or would it be like a command post situation where agencies talk to the local representative and instruct them what to do. Operations Vice-Chair Calhoun responded by saying they would set-up for a standing operation, they would look towards instant management for an extended attack, and follow the Federal and State communications plan. Operations Vice-Chair Calhoun said other partners will be able to use the system, as well as LASD could use Fire channels.

Executive Director Edson shared that some tactical channels are encrypted and others are not. Executive Director Edson mentioned that if there was a major incident where area G cities and various cities were coming in to help on a major fire, law enforcement representatives would be able to change regional tactical. Executive Director Edson also mentioned that for instance in evacuations for cities, such as Claremont or Covina, all departments could be on the same Talkgroup, with LASD being dispatched to different operations. Executive Director Edson expressed that this was his vision.

Operations Vice-Chair Calhoun said LACoFD recently had the Suzanna area planning in Calabasas and though the technology is new to the department, LACoFD is planning exercises to put into practice.

Joint Committee Member Capelle said Police and Fire in his region have been unwilling to combine the use of radio technology by both departments. Joint Committee Member Capelle shared that when he assigned to the City of Compton, his department had good communication with LASD, allowing for application of the LA-RICS system.



Operations Vice-Chair Calhoun said LACoFD discourages firefighters to use law enforcement channels unless it is a life safety issue. Operations Vice-Chair Calhoun said if it is a common Talkgroup, they are able to use all of the digital encrypted LASD channels but cannot use it over the air.

Operations Vice-Chair Calhoun concluded his presentation. There were no questions.

## **VII. MISCELLANEOUS – NONE**

### ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE COMMITTEE –

Technical Lead Pao suggested that for preparedness the Joint Committee work on the standardization of the Regional Interoperability at the next meeting.

Joint Committee Member Capelle suggested LA-RICS (Joint Committees) presenting an Interoperability visual presentation to the LAAFCA, to which Technical Lead Pao said it would be added to the next meeting.

Joint Committee Member Capelle mentioned that cost is still an issue for users of the LA-RICS system. Operations Vice-Chair Calhoun said there are monies available through the UASI grants.

## **XII. ADJOURNMENT AND NEXT MEETING**

Technical Lead Pao called for a motion to adjourn the Regular Joint Committee Meeting, Operations Vice-Chair Calhoun motioned to close the meeting.

Technical Lead Pao adjourned the Regular Joint Operations and Technical Committee Meeting at 2:27 p.m. and stated the next Joint Committee Meeting will be held on Tuesday, August 15, 2023, at 1:30 p.m., at the LA-RICS Headquarters, 2525 Corporate Place, Suite 200, Large Conference Room, Monterey Park, California, 91754.





# JOINT OPERATIONS AND TECHNICAL COMMITTEE REGULAR MEETING MINUTES

LOS ANGELES REGIONAL INTEROPERABLE  
COMMUNICATIONS SYSTEM AUTHORITY

Tuesday, August 15, 2023 • 1:30 p.m.

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

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

<b>OFFICERS PRESENT:</b>
Scott 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**

Operations Committee Chair Lieutenant Robert Weber called the meeting to order at 1:40 p.m.

**II. ANNOUNCE QUORUM – ROLL CALL**

Committee Secretary Beatriz Cojulun stated there was quorum present for the Technical Committee, but quorum was not present for the Operations Committee, therefore, no actions were carried and the July 18, 2023, Minutes were moved to the next Joint Operations and Technical Committee meeting scheduled for September 19, 2023.

**III. APPROVAL OF MINUTES – (A)**

A. July 18, 2023 Minutes was moved to next meeting, since there was no quorum present.

**IV. PUBLIC COMMENTS – NONE**

There was no public comment.

**V. CONSENT CALENDAR – NONE**

There were no Consent Calendar items.

**VI. REPORTS (B – D)**

**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 provided milestone dates for the Integrated Master Schedule (IMS). Program Director Smyth said the cutover date for the Digital Trunk Voice Radio Subsystem (DTVRS) was completed on May 1, 2023. Program Director Smyth stated that during the last month, the Motorola Solutions, Incorporated (MSI) team and the Jacobs team worked together on the schedule and revised the finish date from December 20, 2023, to November 17, 2023.

Executive Director Scott Edson asked Program Director Smyth to clarify which systems were up and running. Program Director Smyth said the cutover start for the Los Angeles Regional Tactical Communications System (LARTCS) start date



was updated from September 22, 2023, to October 9, 2023. Program Director Smyth went on to say the Analog Voice Radio System (ACVRS) start date for the cutover is October 9, 2023, and the Narrowband Mobile Data Network (NMDN2) cutover start date was updated to November 3, 2023, from December 7, 2023.

Executive Director Edson mentioned the DTVRS system was in full digital operation, which he referred to as the heart of the Los Angeles Regional Interoperable Communications System (LA-RICS), to which the County of Los Angeles (County) Sheriff's Department (LASD) is committed to the DTVRS system, except for the dispatch channels at this time. Executive Director Edson continued by saying the LARTCS system was for the Federal and State and Local Interoperable channels. Executive Director Edson further added the ACVRS is generally for County Fire Department (LACoFD) operations. Executive Director Edson also mentioned the Narrowband Mobile Data Network (NMDN) has NMDN 1, as well a second part of the voice radio network, NMDN2. Executive Director Edson said where there has been voice radio coverage and narrowband radio coverage since last year, which LACoFD has been fully deployed on the narrowband network. Executive Director Edson expressed that a couple of the systems are currently fully operational and a couple more will be in the future.

### July Progress

Program Director Smyth said Audio Capture (ACAP) grading was ongoing and would run through mid-September, 2023. Program Director Smyth also said there are three (3) teams participating five (5) days a week.

Program Director Smyth shared that a Notice to Proceed (NTP) has been issued for the commercial power at the Green Mountain (GRM) site, as the Authority works with State Parks for environmental approval and efforts are being made to obtain a Right of Entry (ROE).

Program Director Smyth mentioned that migration coordination is in progress with the County Internal Services Department (ISD) for Mount Lukens 2 (MTL2) and Frost Peak (FRP).

Program Director Smyth said the Authority was reviewing the warranties for NMDN1 and that additional reporting for DTVRS would be received in the next week.

### August Focus

Program Director Smyth reported the Authority was finalizing warranty plans for the remaining subsystems, ACVRS, LARTCS, and NMDN2.



Program Director Smyth stated that a NTP was issued for Fire Suppression at the Universal (UNIV) and CityWalk (CITYWALK) sites. Program Director Smyth further stated that work would be done upon completion of the adjustments to the fire alarm system and to the room that would contain it.

Program Director Smyth mentioned the team was reviewing solutions for two (2) sites with damaged access roads, Whitaker Middle Peak (WMP) and East Sunset Ridge (ESR). Program Director Smyth also said that Magic Mountain Link (MML) site was closed due to the Agua Fire near the Town of Agua Dulce.

Program Director Smyth talked about some issues with Southern California Edison (SCE) and their Public Safety Power Shut-offs (PSPS), which occurred and resulted with generators having to run longer than anticipated. Program Director Smyth expressed this caused a challenge with respect to generator minutes running times for the Air Quality Management District (AQMD), which the Authority is working to resolve the this issue.

Program Director Smyth mentioned that in preparation for the fire season, pricing for Weed Abatement was being pursued from both ISD (for a long-term solution) and Metrocell Construction, Inc. (for immediate needs).

Program Director Smyth concluded by saying there is a need to pre-purchase long lead items, such as a generator and Automatic Telecommunication System (ATS), while the contract for installation is out for the competitive bidding process.

Program Director Smyth concluded his report.

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

Operations Lead Lt. Weber said that LASD has been working steadily on Interoperability with all regional partners. Operations Lead Lt. Weber stated that he has been in contact with the City of Los Angeles (City) Police Department (LAPD), the Long Beach Police Department (LBPD), Los Angeles World Airports (LAWA), the Port Authority, and Interagency Communications Interoperability (ICI), which they continue to work out the Interoperability plans for the Region. Operations Lead Lt. Weber went on to say that from all of the lengthy discussions with these entities, there is a strong desire to have “feet on the ground” Interoperability.

Operations Lead Lt. Weber gave an example of, in the case of ICI where Identification (radio I.D.) sharing is being planned for and currently with ICI there is already an Inter Subsystem connection which has been tested and used for events which is working well. Operations Lead Lt. Weber added LASD has made progress



by bringing all of the entities together for the day-to-day interoperability needed and for emergency large scale events such as the World Cup in 2026 and the Summer Olympics Games in 2028.

Operations Lead Lt. Weber concluded his report on Regional Interoperability. There were no questions.

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

Technical Lead Pao presented his report by reiterating what Executive Director Edson and Project Director Smyth previously stated, the LASD transition to tactical communications for their patrol stations and other units, such as Detective and Aero Bureau onto the LA-RICS P25 trunked radio system.

Technical Lead Pao reported that in June, 2023, the LASD's Custody Division also transitioned its jail operation radio communications onto LA-RICS. Technical Lead Pao went on to report that July 2023 was the first month that LA-RICS has fully onboarded the LASD and that the Land Mobile Radio (LMR) data collection for July represents the LASD's voice traffic volume for a typical month.

Technical Lead Pao referred to slide to explain the top ten (10) Talkgroups in terms of minutes for July 2023 excluding the LACoFD's patched Talkgroup.

Technical Lead Pao said the LASD Men's Central Jail came in on the top with LASD's Aero Bureau behind. Technical Lead Pao further added Santa Clarita local tactical (L-TAC) and East Los Angeles were the top two (2) busiest patrol stations. The three (3) North county stations, Santa Clarita, Palmdale and Lancaster, were all in the top ten (10) Talkgroups for minutes. Technical Lead Pao added the custody facilities were very busy.

Technical Lead Pao reported the top fifteen (15) sites used in terms of minutes as simulcast cells, including the Downtown Los Angeles (DTLA) cell, South cell, and East cell which were the busiest in the system for July 2023. Technical Lead Pao further reported the San Gabriel Cell was the busiest in terms of minutes.

Technical Lead Pao shared that in terms of agency utilization in minutes for Agency's Talkgroups for July, 2023, LASD had almost four-hundred and five thousand (405,000) minutes while the next Agency was just over eighty-one thousand, three hundred (81,300) minutes.

Technical Lead Pao concluded by saying the system has performed very well during the transitional period, other than some minor adjustments to Talkgroup provisioning and radio programming, this dual-band P25 system has had very few



operational issues. Technical Lead Pao said it was encouraging to see a system this size and this new, perform functionally as well as it has from its infancy.

Executive Director Edson asked how much capacity was left, to which Technical Lead Pao responded by saying the system was designed for the entire region and all of the agencies and there should be quite a bit of capacity left. Technical Lead Pao further added that usage currently was roughly around twenty (20%) percent.

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

## **VII. DISCUSSION ITEMS – (E – F)**

### **E. ESChat Demonstration – Technical Lead Ted Pao and ESChat President Josh Lober.**

Technical Lead Pao prefaced the Enterprise Security Chat (ESChat) presentation by saying the LMR radio system is moving towards integration with smart devices and broadband network. Technical Lead Pao expressed that ESChat is another way of providing communications for first responders through a smart device. It might not replace a real portable radio for patrol duties, but in many situations, a smart phone would be convenient by giving personnel situation awareness of radio traffic around them. Technical Lead Pao introduced Mr. Josh Lober, President of ESChat.

Mr. Lober provided some background saying that he started in Telecommunications in 1982 and Push-To-Talk (PTT) has been his passion all of his life. Mr. Lober then said ESChat was a broadband PTT solution that was not intended to replace a radio network, the intention was to augment radio or operate as a stand-alone alternative.

Mr. Lober stated the product had three (3) core features, Encrypted PTT Voice Advanced Encryption Standard (AES-256), Secure Group Multimedia Messaging, and Live Location Tracking/Mapping for live and historical breadcrumb tracking and mapping. Mr. Lober went on to mention that these items were part of the basic package and standard pricing was \$4.57, per device/per month. Mr. Lober said included in the price was the Native Intra-System Interoperability which gave the ability to communicate between agencies without extra cost and required a mutual approval from the Administrators on each system. Mr. Lober talked about the Inter-System Interoperability, which takes the broadband, cellular phones or Internet of Things (IoT) devices and merges them with the LMR network.

Mr. Lober mentioned that in 2015 ESChat worked with LA-RICS in preparation for the 2016 Pasadena Rose Parade by tying some LMR channels with Radio over Internet Protocol (RoIP) configurations. Mr. Lober explained the new P25 system



also supports Inter Subsystem Interface (ISSI) which gives LA-RICS the ability to have users on phones.

Mr. Lober further mentioned the most important feature was the Inter-Carrier Interoperability which allows the user communication on their carrier and across any carrier as carrier without gateways or extra expense. Mr. Lober said the system was First Responder Network Authority (FirstNet) certified and the one (1) program that does have certification and approved for military operations.

Mr. Lober mentioned ESChat does not serve the consumer markets, the product was for Public Safety and Enterprise business. Mr. Lober went on to say the technology exists in at least twenty-five (25) brands and are sold in big box stores. Mr. Lober continued by saying that ESChat worked with nine (9) of the fifteen (15) departments in the Federal Government including State and Local Agencies across the country. Mr. Lober also said that ESChat worked with transportation, hospitality, education, utilities and logistic Emergency Response Services (ERS) markets as well.

Mr. Lober continued his presentation by saying that common strategies included extended coverage beyond the LMR footprint, filling dead spots or challenged areas, redundant communication path for reliability, cost management and extending an LMR communication to a commercial wireless device.

Mr. Lober added some common use cases are Mutual Aid, cross agency operations, non-uniformed operations, and tactical operations, operations away from home coverage areas including secure and private communications. Mr. Lober went on to add that every Drug Enforcement Administration (DEA) has ESChat.

Mr. Lober referenced the android phone which indicates different tabs on the phone for use, such as a contacts, groups, channels, maps and messages tabs which are configurable by the user and includes a hierarchical structure. Mr. Lober said LASD Deputy Shawn Moreno was involved in the design when he was on the LA-RICS project.

Mr. Lober presented the Android PTT phone and said the ESChat android phones and Apple Inc. iPhones are very popular now and provided samples for the Committee Members test. Mr. Lober also showed an Apple Inc. PTT framework that was released this year, 2023, which allows iPhone usage. Mr. Lober also said that ESChat does application integrations for Agency specific applications.

Mr. Lober went on to say there is a new area developed called IoT Radio and he brought some samples. Mr. Lober said the radios have been recently certified for U.S. carriers. Mr. Lober further said that a radio has a Subscriber Identity Module



(SIM) card installed and does not go over the LMR Network but over a carrier network and can communicate with smart phones and radio systems. Mr. Lober shared that radios can be offered to Agencies that do not need radios or want to add capacity at a lower cost. Mr. Lober presented a new radio which is public safety grade from Tait Communications for Committee Members to look at. Mr. Lober mentioned that ESChat may be used on a laptop or Personal Computer and showed some accessories available as well.

Mr. Lober demonstrated the radios for the Committee Members using a Mobile Data Computer (MDC) system for signaling. Mr. Lober further demonstrated the ISSI connected system which has no limitation on the channels and is a much simpler installation.

Mr. Lober said that if the LA-RICS system with ISSI availability is connected with the ESChat core, the Authority would receive all the channel connectivity available on smart phone devices and with the Legacy channels, ESChat can connect with the RoIP interfaces and can provide operability to broadband devices.

Mr. Lober continued his presentation by saying that devices can be on Wireless Fidelity (Wi-Fi), commercial carrier networks, private Long-Term Evolution (LTE) or satellite for android, iPhone Operating Systems (iOS), IoT and Personal Computer based products which ESChat can connect to.

Mr. Lober showed an example from an interface for Wildland Fire Operations connectivity across the state of Washington and said all the repeaters across are tied into ESChat and First Responders can listen to any repeater when travelling to get to the site.

Operations Vice-Chair Chief Dayton Calhoun asked if there was a connection between ISSI and a system or ISSI between ESChat and other systems. Mr. Lober answered it is an ISSI connection between the ESChat network and the new P25 system. Mr. Lober further added when the ESChat system connects to the LA-RICS system, all the calls are controlled by the LA-RICS radio system on the ESChat phones, once a call is brought up and connected over ISSI, the LA-RICS system thinks the phones are P25 radios with IDs and a priority, and the LA-RICS system manages the pre-emption and call control. Mr. Lober continued due to both systems being encrypted, ESChat connects to a different encryption scheme and connecting to LA-RICS Protected Key Management Facility (KMF) so when keys are changed, ESChat receives the update.

Operations Vice-Chair Calhoun asked if LA-RICS is the client and there is another client on another system would LA-RICS be able to talk on their system. Mr. Lober said with approval from the Administrator on each side, absolutely. Mr. Lober went on to say as part of the ESChat architecture it is provided for free. Mr. Lober





provided the DEA as an example and said the DEA are always embedded into a State or Local Agency and when they work with an Agency, if they have ESChat, the DEA will put the Local Agency into their Talkgroup. Mr. Lober further added if the Local Agency does not have ESChat, the DEA will provide it to them.

Operations Vice-Chair Calhoun further asked if on an iPhone are location services passive or active and if it is the same for taped radio portion. Mr. Lober answered between the ESChat devices and not on a call, the devices the update is every ten (10) minutes, then when joining a call, it starts to update every two (2) seconds and with fifty (50) or more service slows down. Mr. Lober further added if using a program like Intrepid Response Platform or A-TAC for that, it is built for location and they will work a bit better than ESChat, PTT voice piece is ESChat's focus, location and messaging are secondary and tertiary. Mr. Lober said that in regard to the Tait Radio, it is possible to see the location of the talker one at a time, not all talkers at once.

Alternate Technical Lead Scott England asked if LA-RICS could obtain the ESChat Global Positioning System (GPS) information and place onto LA-RICS' GPS systems using ESChat. Mr. Lober said it would be possible to pull the locations of all of the users using a set of web service Application Programming Interfaces (API).

Operations Lead Lt. Weber asked for clarification on multiple ISSI connected into the system, is it correct to say, with one (1) ISSI for ESChat, it is possible to connect to all those other systems. Mr. Lober responded by saying no, that when ESChat is connected to the LA-RICS system and as owner of the P25 system, as well as having Agencies within the County of Los Angeles, they can be offered access to those radio systems through ESChat. Mr. Lober further said that if ESChat has connectivity into multiple Agencies, they can be cross-connected through ESChat with the proper agreement using ISSI to the LA-RICS system.

Technical Lead England added LA-RICS would be using their configuration and used the example of a regional ISSI channel. Technical Lead England shared LA-RICS could use access to one of the channels and give access to ISSI for ESChat which has access to ICI and whoever would use the channel would have access to ESChat for the specific Talkgroup. Technical Lead England added the Talkgroups are built for however and whomever wants it. Technical Lead England further added it was possible to go through the backend and the cross-connections are there.

Executive Director Chief Edson asked Mr. Lober to speak on Stand Alone Alternatives which are basically two (2) walkie talkies and presumed a radio network was not needed. Mr. Lober concurred with Executive Director Chief Edson by saying that it was like a walkie talkie but there was no footprint, and added as long as there is Wi-Fi coverage or carrier coverage there is communications. Mr. Lober



expressed that if connected to the radio system, the users on the channel could come up and it is possible to switch from broadband only to the radio connected system.

Executive Director Edson asked what would be the cost of a radio, to which Mr. Lober said the radio cost would be \$395.00.

Technical Lead Pao asked if there was an emergency trigger function on the phone devices and how does it work as far as clearing.

Mr. Lober demonstrated on the newer phones which he brought and are built for PTT with an emergency button on them. Mr. Lober activated another phone which had a siren on it and he was able to clear the siren on the phone. Mr. Lober said they would be able to install a dedicated emergency bar on the top of the phone which would show up if you had an emergency channel configured. Mr. Lober added most phones do not have a dedicated emergency for PTT or emergency.

Mr. Lober concluded his presentation and there were no further questions or comments.

**F. Regional Interoperability – Operations Lead Lt. Weber and Operations Vice-Chair Chief Dayton Calhoun**

Operations Lead Lt. Weber mentioned Agenda Item F was similar to Agenda Item C Regional Interoperability Update which was being worked on and was still a work in progress. Operations Lead Lt. Weber added that people with “feet on the ground” are very excited about having communications in the future, but it was different for the LACoFD, since they are using different parameters and different systems.

Executive Director Edson shared the LA-RICS project was funded by Urban Area Security Initiative (UASI) the City’s Department of Homeland Security (DHS) grants and Federal Emergency Management Agency (FEMA). Executive Director Edson added the Authority talked about building a system under one (1) umbrella and making it available to other agencies so all would be under one radio system. Executive Director Edson further said as time moved on and delays happened and politics played into it, the region ended up with a System of Systems approach, which UASI fully funded, included the Long Beach radio system, the City radio system (the LAPD radio system), LA-RICS and ICI. A System to System model, plug and play or hub in spoke model. Executive Director Edson went on to add the System of Systems regional interoperability is not completed yet and Operations Lead Lt. Weber has been working with the UASI Committee which meets monthly to discuss regional interoperability items and many things discussed in the Joint Operations and Technical meeting. These items are discussed along with business needs, between the two (2) meetings, and finally, will work with MSI to create the



gap analysis. Executive Director Edson went on to say the group focuses on how to fill needs for regional interoperability based on the System of Systems model that was funded to these Agencies. Executive Director Edson added the UASI meeting is Thursdays at 10:00 a.m. and invited Committee Members and others to join if able.

- VIII. ADMINISTRATIVE MATTERS – NONE**
- IX. MISCELLANEOUS – NONE**
- X. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE COMMITTEE – NONE**
- XI. CLOSED SESSION REPORT – NONE**
- XII. ADJOURNMENT AND NEXT MEETING**

Operations Lead Lt. Weber called for a motion to adjourn the Regular Joint Committee Meeting, to which Alternate Technical Lead Scott England motioned to adjourn.

Operations Lead Lt. Weber adjourned the Regular Joint Operations and Technical Committee Meeting at 2:34 p.m. and stated the next Joint Committee Meeting will be held on Tuesday, September 19, 2023, at 1:30 p.m., at the LA-RICS Headquarters, 2525 Corporate Place, Suite 200, Large Conference Room, Monterey Park, California, 91754.




**LOS ANGELES REGIONAL INTEROPERABLE  
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Telephone: (323) 881-8291  
<http://www.la-rics.org>

SCOTT EDSON  
EXECUTIVE DIRECTOR

September 19, 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 Phase 2 and Phase 4.

BS:nl

**AGENDA ITEM C**




**LOS ANGELES REGIONAL INTEROPERABLE  
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SCOTT EDSON  
EXECUTIVE DIRECTOR

September 19, 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

September 19, 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 E**




**LOS ANGELES REGIONAL INTEROPERABLE  
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SCOTT EDSON  
EXECUTIVE DIRECTOR

September 19, 2023

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

**SUBSCRIBER & AFFILIATE BASED USER MOUS**

The purpose of this item is to discuss potential subscriber and affiliate based user plan Memorandum of Understandings (MOUs) for use of the LMR System.

SE:nl