



# AGENDA

## LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

### JOINT OPERATIONS AND TECHNICAL COMMITTEE MEETING

Tuesday, November 17, 2020 • 1:30 p.m.

#### **Teleconference/WebEx Meeting\***

Meeting Call-in Number for Committee Members and Public:

Telephone Number: (213) 306-3065 / Access Code: 146 339 0318

Los Angeles Regional Interoperable Communications System Authority (the "Authority")

#### **AGENDA POSTED: November 13, 2020**

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

*\*The procedures used for this Teleconference/WebEx Meeting is permitted pursuant to Executive Order N-29-20 issued on March 17, 2020, by the Governor of the State of California.*

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### **OPERATIONS COMMITTEE**

#### **Members:**

1. **John Geiger**, Los Angeles County, CEO
2. **Steve Cabrera, Vice-Chair**, County of Los Angeles Fire Dept.
3. **Sven Crongeyer, Chair**, L.A. County Sheriff's Dept.
4. **Cathy Chidester**, Los Angeles County DHS
5. **Chris Donovan**, Los Angeles Area Fire Chiefs Association
6. **Anthony Vairo**, L.A. County Police Chiefs Association
7. **Vacant**, CA Contract Cities Assoc.
8. **Jeff LaGree**, Inglewood Police Dept.
9. **Vacant**, Signal Hill Police Dept.
10. **John Curley**, Covina Police Dept.

#### **Alternates:**

**Mike Iwanaga**, Los Angeles County, CEO  
**Tony Ramirez**, County of Los Angeles Fire Dept.  
**Vacant**, L.A. County Sheriff's Dept.  
**Kay Fruhwirth**, Los Angeles County DHS  
**Eric Zanteson**, Los Angeles Area Fire Chiefs Association  
**Shelly Vander Veen**, L.A. County Police Chiefs Association  
**Vacant**, CA Contract Cities Assoc.  
**Paul Devlin**, Inglewood Police Dept.  
**Vacant**, Signal Hill Police Dept.  
**Ric Walczak**, Covina Police Dept.

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### **TECHNICAL COMMITTEE**

#### **Members:**

1. **John Geiger**, Los Angeles County, CEO
2. **Scott England, Vice-Chair**, County of Los Angeles Fire Dept.
3. **Sven Crongeyer**, Los Angeles County Sheriff's Dept.
4. **Lipin Tan**, Los Angeles County DHS
5. **James Craig**, Manhattan Beach Fire Dept.
6. **Ted Pao, Chair**, Los Angeles County Internal Services Dept.
7. **Vacant**, CA Contract Cities Assoc.
8. **Jeff LaGree**, Inglewood Police Dept.
9. **Vacant**, Signal Hill Police Dept.
10. **John Curley**, Covina Police Dept.

#### **Alternates:**

**Mike Iwanaga**, Los Angeles County, CEO  
**Hugo Ballesteros**, County of Los Angeles Fire Dept.  
**Vacant**, Los Angeles County Sheriff's Dept.  
**Kim Buard**, Los Angeles County DHS  
**Eric Zanteson**, Los Angeles Area Fire Chiefs Association  
**Nancy Yang**, Los Angeles County Internal Services Dept.  
**Vacant**, CA Contract Cities Assoc.  
**Paul Devlin**, Inglewood Police Dept.  
**Vacant**, Signal Hill Police Dept.  
**Ric Walczak**, Covina Police Dept.

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#### **Officers:**

**Scott D. Edson**, Executive Director

**Joann Huerta**, Committee Secretary

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**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. September 15, 2020 – Meeting Minutes

**IV. PUBLIC COMMENTS**

**V. CONSENT CALENDAR – NONE**

**VI. REPORTS (B-E)**

B. LTE Round 1 Transition Update – Rick Burke

Agenda Item B

C. PSBN Round 2 Deployment Update – Chris Odenthal

Agenda Item C

D. LMR Update – Justin Delfino

Agenda Item D

E. Regional ISSI Interoperability Working Group – No Update

**VII. DISCUSSION ITEMS (F-H)**

F. Distribution of the LARTCS/ACVRS Channel Plan – Ted Pao

Agenda Item F

G. Regional Interoperability Working Group Status – Ted Pao

Agenda Item G



**H. Regional Cyber Security Grant Request for UASI' 21 – Ted Pao**

Agenda Item H

**VIII. ADMINISTRATIVE MATTER (I)**

**I. 2021 SCHEDULE OF LA-RICS JOINT OPERATIONS AND TECHNICAL COMMITTEE MEETING**

It is recommended that your Committee:

1. Approve the following dates for the calendar year 2021 Joint Operations and Technical Committee Regular Meeting Schedule:

January 19  
March 16  
May 18  
July 20  
September 21  
November 16

Agenda Item H

**IX. MISCELLANEOUS – NONE**

**X. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE COMMITTEE**

**XI. CLOSED SESSION REPORT – NONE**

**XII. ADJOURNMENT AND NEXT MEETING:**

Tuesday, January 19, 2021, at 1:30 p.m., via Teleconference/WebEx Meeting.



## COMMITTEE MEETING INFORMATION

In accordance with Executive Order No. 25-20 on March 17, 2020, by the Governor of the State of California, this Meeting can be conducted via Teleconference/WebEx. 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 MAS PRONTO POSIBLE.

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



# **JOINT OPERATIONS AND TECHNICAL COMMITTEE MEETING MINUTES**

## **LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY**

Tuesday, September 15, 2020 • 1:30 p.m.

### **Teleconference/Webex Meeting\***

Meeting Call-in Number for Committee Meeting and Public:

Telephone Number: (213) 306-3065 / Access Code: 146 910 8303

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#### **Operations Committee Members Present:**

**John Geiger**, Los Angeles County, CEO

**Steve Cabrera**, Vice-Chair, County of Los Angeles, Fire Department

**Sven Crongeyer**, Chair, Lieutenant, Los Angeles Sheriff's Department

**Cathy Chidester**, Los Angeles County DHS

**Anthony Vairo**, Los Angeles County Police Chiefs Association

**Ric Walczak**, Lieutenant, Covina Police Department

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#### **Technical Committee Members Present:**

**John Geiger**, Los Angeles County, CEO

**Scott England**, Vice-Chair, Telecommunications Systems Consulting Engineer, LACoFD

**Sven Crongeyer**, Lieutenant, Los Angeles Sheriff's Department

**Lipin Tan**, Los Angeles County DHS

**Ted Pao**, Chair, Information Technology Specialist, Los Angeles County Internal Services Department

**Ric Walczak**, Lieutenant, Covina Police Department

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#### **Absent:**

**Chris Donovan**, Fire Chief, Los Angeles Area Fire Chiefs Association

**Jeff Lagreek**, Sergeant, Inglewood Police Department

**James Craig**, Manhattan Beach Fire Department

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#### **Officers Present:**

**Joann Huerta**, LA-RICS Committee Secretary

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

**I. CALL TO ORDER**

Technical Committee Chair Ted Pao called the meeting to order at 1:32 p.m.

**II. ANNOUNCE QUORUM – Roll Call**

Technical Committee Chair Pao asked for a roll call and acknowledged a quorum was present for Joint Operations and Technical Committee (Joint Committees).

**III. APPROVAL OF MINUTES (A)**

**A. August 5, 2020 – Regular Meeting Minutes**

Operations Technical Chair Pao asked for a motion to approve the minutes.

Joint Committee Member John Geiger motioned first, seconded by Operations Committee Chair Sven Crongeyer.

Ayes 9: Cabrera, Crongeyer, Chidester, England, Geiger, Pao, Tan, Vairo, and Walczak.

**MOTION APPROVED.**

**IV. PUBLIC COMMENTS – (NONE)**

**V. CONSENT CALENDAR – (NONE)**

**VI. REPORTS (B-E)**

**B. Status Report Update for LTE – Rick Burke**

Telestate Consultant Rick Burke provided an update on the Long Term Evolution (LTE) Public Safety Broadband Network (PSBN) Round 1 project and stated as of September 10, 2020, AT&T FirstNet is transitioning seventy-three (73) LTE sites into the network, with sixty-two (62) sites currently integrated into the AT&T network and eleven (11) sites remaining to be integrated.

The remaining sites are forecasted to be integrated by the first quarter of 2021, with sites being integrated each quarter up until completed.



There was no further discussion.

**C. Status Report Update for PSBN Round 2 Deployment – Project Director Chris Odenthal**

Project Director Chris Odenthal provided an update on the deployment of LTE Round 2 and stated that Magic Mountain Link (MML) is on its way to be completed at the end of the month. In conjunction with the Land Mobile Radio (LMR) location at that site, all the work has been ongoing with the towers and equipment already on site. This site was not impacted by the fire.

In regards to the Montebello Police Department site, everything is progressing. We should get moving doing foundation tower in mid-October and finishing at the end of October 2020. Port of Los Angeles (POLA1 and POLA2) cell block design and towers are up and equipment in place. Only issue is a power delivery plan for POLA1 from the Los Angeles Department of Water and Power (LADWP). POLA2 site is connecting to a power source that is near the site at Fenix terminal.

The Port of Long Beach (POLB) site cleared for zoning and permitting and we are waiting for the release of that site from the City of Long Beach. AT&T requested us to hold off on construction until a final agreement is reached as they are still in negotiation with the Port and we don't want to construct at the site and not have AT&T and POLB agreed on the lease agreement.

LA-RICS is working with the POLB to assist with the lease negotiations; their issue is what is the appropriate rent to be charging. Both POLA and AT&T have agreed to rent cost and we have shared this information with POLB for the same purpose of them coming into an agreement.

Pomona 2 (POM2) waiting on final stamp approval on electrical from the Judicial Council of California (JCC). A different power source from Pomona was required and we are waiting on that approval.

The reason for the red sites on the chart provided in the agenda packet, is these were delayed on the close out side but we are not expecting any issues with AT&T from a funding perspective. Just a reminder all work associated with these are no longer under the BTOP Grant but are with AT&T.

There was no further discussion.

**D. Status Report Update for LMR – Program Manager Justin Delfino**

Program Manager Justin Delfino provided an update on the LMR system and provided detailed information on which sites are in construction, along with additional details supporting the construction-related activities occurring at these sites to date.

Program Manager Delfino stated that LMR has been moving along in spite of the recent fires for the last two weeks. There were specific sites that were less impacted than other sites. The sites that were most impacted were USFS sites and had access issues as certain highways were shut down thus limiting our ability to access the sites. One site to highlight is Frost Peak (FRP), which is immediately proximal to a ski resort/operation that we are trying to finish construction prior to snow season.

There are twenty-nine (29) sites complete on LMR completed with sixteen (16) sites currently in construction and thirteen (13) sites remaining to complete. In terms of Coastal Development there is substantial progress there. We reported last time that ERB and SEATAC both were successfully passed and this upcoming September 23, 2020, is the Regional Planning Commission meeting for the Catalina sites.

All fleet mapping work has been completed. The Los Angeles Sheriff's Department (LASD) and Technical Lead Engineer Pao has been monitoring the progress there. In terms of the LMR schedule, there is a consensus and we plan on having a resolution on a final completion date at the end of this week, September 18, 2020.

Program Manager Delfino stated there are three (3) outstanding SAAs for the following sites: TWR, BJM, DPK. Phase 4 work such as site Optimization and microwave alignment is currently underway. Narrow-banding is underway for Channel 16, with Technical Lead Engineer Pao aiding in that coordination with Los Angeles Sheriff's Department (LASD).

In regards to the United States Forest Service (USFS) sites, construction on ESR, MTL2 and BUR1 are scheduled to start in September, however, due to the recent fire activity it may have caused disruption to the forecasted start dates. More information will be known in the second week of September 2020.

There was no further discussion.

#### **E. Regional ISSI Interoperability Working Group – Steve Page/Ted Pao**

Technical Committee Chair Pao provided an overview and status update and stated the Regional Interoperability/ISSI working group will be meeting again on September 24, 2020, to review the status of the Interconnection between ICI system and LA-RICS (ICI-RICS) connection and discuss the status of the other connections.

Discussion of connection-specific parameters need to begin involving both technical and operations staff so that when the testing is in process, configurations can be set up properly the first time. The agreement between LA-RICS and Long Beach is in process with drafts of the agreement being discussed.





Committee Member John Geiger asked if the Los Angeles County's County Wide Integrated Radio System (CWIRS) could be included in this working group, and Technical Committee Chair Pao concurred.

There was no further discussion.

## **VII. DISCUSSION ITEMS (F-G)**

### **F. Radio Rodeo Communications Exercise – Ted Pao**

Technical Committee Chair Pao stated that the Radio Rodeo for this year has been cancelled.

There was no further discussion.

### **G. Distribution of the LARTCS/ACVRS Channel Plan – Ted Pao**

Technical Committee Chair Pao provided an update on the distribution of the LARTCS/ACVRS Channel Plan and stated LA-RICS is building out its analog conventional voice radio system later and Los Angeles Regional Tactical Communication System (LARTCS), there is a set of analog channels that will be available for member agencies to access for its special operation or mutual aid operations. If any agency deems it is necessary to conduct a special operation on an analog conventional channel, rather than its trucking talk groups, it can request for the use of the pool of analog channels.

LASD and Los Angeles Fire Department (LACoFD) will jointly manage these channels. If a fire agency needs a channel, it can make a request directly to County Fire Dispatch. Similarly, for law agencies, they can request through Sheriff's Communication Center.

Lastly, Technical Committee Chair Pao stated that the Memorandum of Understanding (MOU) is being worked on to memorialize this arrangement with various agencies.

There was no further discussion.

## **VIII. ADMINISTRATIVE MATTERS - NONE**

## **IX. MISCELLANEOUS – NONE**



**X. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE COMMITTEE**

**XI. CLOSED SESSION REPORT – NONE**

**XII. ADJOURNMENT AND NEXT MEETING:**

The Operations and Technical Committee Meeting adjourned at 1:51 p.m., and the next Committee Meeting is scheduled to be held on Tuesday, November 17, 2020, at 1:30 p.m., via Teleconference/WebEx.




**LOS ANGELES REGIONAL INTEROPERABLE  
COMMUNICATIONS SYSTEM AUTHORITY**

2525 Corporate Place, Suite 100  
Monterey Park, California 91754  
Telephone: (323) 881-8291  
<http://www.la-rics.org>

SCOTT EDSON  
EXECUTIVE DIRECTOR

November 17, 2020

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson   
Executive Director

**LTE ROUND 1 TRANSITION UPDATE**

The purpose of this discussion item is to provide committee members an update on the LTE Round 1 transition activity.

As of November 12, 2020, AT&T FirstNet is transitioning seventy-three (73) Round 1 LTE sites into their network, with sixty-three (63) sites currently integrated into the AT&T network and ten (10) sites remaining to be integrated.

All but one of the remaining sites are forecasted to be integrated by the end of the first quarter of 2021, with one site being integrated during the second quarter of 2021.

RB:jh




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SCOTT EDSON  
EXECUTIVE DIRECTOR

November 17, 2020

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson   
Executive Director

**PSBN ROUND 2 DEPLOYMENT UPDATE**

The purpose of this discussion item is to provide an update on the Public Safety Broadband Network (PSBN) Round 2 deployment.

CO:jh

Attachment

**AGENDA ITEM C**

LA-RICS PSBN SITE DEPLOYMENT

Week of 11/09/2020

Site	Site ID	Type	GC	Power	City Planning	MISC Permit HDP /CP	Building Permit Rec'd	SAA Exec	Site Construction Start	Tower Delivered	Tower Construction Complete	Lines & Antennas Complete	Equipment Installation Complete	Site Construction Finish	Close Out	Comments
21	MML2	Colo	MSI	Complete	NA	NA	5/21/2020	Complete	7/31/2020	NA	10/23/2020	10/30/2020	11/6/2020	11/27/2020	12/18/2020	MSI to provide updated CX Schedule.
22	MNTBLPD	Pole	Diversified	Complete	NA	NA	9/11/2020	Complete	9/28/2020	8/21/2020	10/16/2020	11/20/2020	11/23/2020	11/30/2020	12/21/2020	In lieu of awaiting confirmation from Glendale Communication if existing UHF antenna is live, the team identified a successful work around to ensure tower construction moved forward. Caisson poured last week, SCE Inspection Passed, Backfill and Pad excavation to start week of 10/26/2020, continued into 11/9/2020.
23	POLA1	Best	Jitney	Complete	7/30/2020	CP = Approved HEP = Approved	7/31/2020	Complete	8/10/2020	8/29/2020	8/29/2020	11/23/2020	10/6/2020	12/1/2020	12/22/2020	LADWP has confirmed receipt of payment and signed invoice. Daniel Holman Estimated Power Installation May 2021
24	POLA2	Best	Jitney	Fenix	7/30/2020	CP = Approved HEP = Approved	7/31/2020	Complete	8/10/2020	8/29/2020	8/29/2020	10/6/2020	10/6/2020	11/20/2020	12/11/2020	Fenix approved design. Working on scheduling. Work to be conducted Friday evenings & weekend early morning due to increased traffic of goods in and out of the port.
25	POLB1	Pole	Motive	Submeter - Design	8/20/2020	Complete	9/18/2020	Pending - See Comments	11/23/2020	NA	12/28/2020	1/4/2021	1/11/2021	1/18/2021	2/8/2021	LA-RICS assisting with outreach regarding \$10k monthly rent figure. CX awaiting AT&T Lease negotiation and approval to move forward.
26	POM2	Roof	Motive	Complete	NA	NA	11/16/2020	Pending - See Comments	11/17/2020	NA	12/22/2020	12/29/2020	1/5/2021	1/12/2021	2/2/2021	FACS currently confirming cost for options.

Legend	
	Completed
	Forecasted - Schedule
	Delayed Timeline

Tower Type	Qty
Colo	1
Pine	4
Roof	1




## LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

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SCOTT EDSON  
EXECUTIVE DIRECTOR

November 17, 2020

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:

- Permits issued to date is approximately 84% completed.
- Site Access Agreement (SAA) process approximately 98% completed.
- Started construction on approximately 78% of sites.
- Equipment ordered is approximately 98% completed.
- Zero recordable injuries to date.

There is one (1) outstanding SAA remaining which is on Catalina Island for Site DPK.

Phase 4 work such as site optimization and microwave alignment is currently underway.

Narrow-banding is underway for Channel 16. Technical Lead Engineer, Ted Pao, is leading the coordination between the project team and the LA County Sheriff's Dept.

Site construction at US Forest Service (USFS) sites were severely impacted by fires in the months of September, October and November 2020. Not only was the contractor forced to vacate active construction projects, it also delayed the start of Sites ESR, MTL2, and BUR1.

JD:jh

**AGENDA ITEM D**




**LOS ANGELES REGIONAL INTEROPERABLE  
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SCOTT EDSON  
EXECUTIVE DIRECTOR

November 17, 2020

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson   
Executive Director

**DISTRIBUTION OF THE LARTCS/ACVRS CHANNEL PLAN**

The purpose of this discussion item is to provide the Committee Members an opportunity to discuss the distribution of the LARTCS/ACVRS Channel Plan so that members and SoCal agencies have time to insert the new frequencies into their radio code plugs.

TP:SAC:jh

Attachment

**MEMORANDUM OF UNDERSTANDING FOR  
USE OF LA-RICS USER EQUIPMENT**

**THIS MEMORANDUM OF UNDERSTANDING** (the "MOU") is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2018,

**BY AND BETWEEN**

**THE LOS ANGELES COUNTY  
SHERIFF'S DEPARTMENT**, hereinafter  
referred to as "LASD";

AND

**THE LOS ANGELES COUNTY FIRE  
DEPARTMENT**, hereinafter referred to  
as "LACoFD"

AND

**THE LOS ANGELES REGIONAL  
INTEROPERABLE  
COMMUNICATIONS SYSTEM  
AUTHORITY ("LA-RICS")**, a Joint  
Powers Authority, hereinafter  
collectively referred to as the "Authority".

**WHEREAS**, the Authority entered into Agreement No. LA-RICS 007 on August 15, 2013, with Motorola Solutions, Inc. (Motorola) for the design, construction, and implementation of a Land Mobile Radio (LMR) System including thirteen (13) Analog Conventional Voice Radio System Channels (ACVRS).;

**WHEREAS**, the Authority wishes to enter into a Memorandum of Understanding (MOU) for the use and management of the thirteen (13) ACVRS channels identified in Exhibit A attached to this MOU;

**WHEREAS**, LASD and LACoFD are agreeable to accept, manage and use the 13 ACVRS channels once Final System Acceptance has been achieved.

**NOW, THEREFORE**, in consideration of the mutual promises, covenants, and conditions set forth herein, the parties hereto and each of them do agree as follows:



## 1. PURPOSE

The purpose of this MOU is to allow the Authority to transfer management of the thirteen (13) LA-RICS ACVRS LMR Channels to **LASD and LACoFD** and for **LASD and LACoFD** to manage and use the channels in a proper manner and allow access to these channels for all LA-RICS members in good standing.

## 2. CHANNELS FOR LA-RICS MEMBER USE

**LASD and LACoFD** acknowledges the management and use of the thirteen (13) ACVRS channels. If at any time following the execution of this MOU, the Authority requires the return of some or all of the channels, or **LASD and or LACoFD** elects to relinquish management of some or all of the channels, **LASD and or LACoFD** shall relinquish each agencies' respective channels set forth in Exhibit A (ACVRS Channel Names and Frequencies Matrix) to this MOU in accordance with Section 8, Relinquishing of Channels, of this MOU.

## 3. CONDITIONS OF USE

**LASD and LACoFD** shall:

- 3.1 Enter each agencies respective ACVRS channels into their Zetron Console Dispatch System.
- 3.2 Report any misuse of channels.
- 3.3 Maintain a channel assignment log to track channel usage, i.e. assigned agency, duration of use, time of use etc.
- 3.4 LASD and LACoFD acknowledge and understand that the thirteen (13) ACVRS channels will not be encrypted and that users will be operating "in the clear."
- 3.5 In the event that any LA-RICS member agency requests use of the Authority's ACVRS channels, except as otherwise provided herein, that agency will be provided twenty-four (24) hour a day access to ACVRS channels. LA-RICS member Law Enforcement Agencies shall contact the Los Angeles County Sheriff's Department's Sheriff's Communication Center (SCC) located at 1277 N. Eastern Avenue, Los Angeles CA 90063 (323) 881-8100 for channel reservations and assignments. LA-RICS member Fire Agencies shall contact the Los Angeles County Fire Department's Command and Control Center (FCCF) located at 1320 North Eastern Avenue Los Angeles, CA 90040 (323) 881-6183 for channel reservations and assignments.

Since twelve (12) of the thirteen (13) ACVRS channels are regional and not "countywide," channels will be provided in an area of the county where they

are supportive of the operation in question. The single countywide ACVRS channel shall be restricted for use by the LACoFD. This channel may be requested by any LA-RICS member agency, however; access to it will be determined solely by the LACoFD.

Although six (6) channels are assigned to LASD and seven (7) channels are assigned to LACoFD, all 13 channels will potentially be made available to all members. For example, if a fire agency calls FCCF requesting an ACVRS channel and FCCF determines that there are no available fire channels, then FCCF will contact SCC and request the use of an ACVRS law channel. SCC shall evaluate the request and assign an appropriate channel for use. The same protocol holds true in the opposite situation.

Some or all of the thirteen (13) ACVRS channels may occasionally be taken down for maintenance by LA-RICS at any time. In the event any of the channels must be taken down, the Authority will notify either SCC or FCCF of such shut down as soon as possible. The Authority will also notify SCC or FCCF of the approximate time that the channel(s) will become available.

- 3.6 **LASD and LACoFD** enter into this MOU with the understanding and acknowledgement that (except for the singular countywide channel) the Authority's ACVRS channels have regional coverage that may or may not be supportive of their operation(s). **LASD and LACoFD** agree that it will inform all of its ACVRS channel users of this limitation and will work with member agencies accordingly to provide channels that best meet operational requirements.
- 3.7 **LASD and LACoFD** enter into this MOU with the understanding and acknowledgement that the emergency trigger on members' radio(s) used while operating in the ACVRS coverage area may be programmed to function on the members' home radio system. **LASD and LACoFD** understand and agree that in the event that users operating on ACVRS channels need to call for emergency assistance, their emergency trigger may not work and they will be required to have a plan to call for assistance in the event of an emergency. **LASD and LACoFD** acknowledge that they understand that dispatchers may not be monitoring any of the ACVRS channels. LASD and LACoFD should notify member agencies regarding this life safety issue. Member agencies using the ACVRS are required to have a plan in the event that a member needs to call for emergency assistance. Member agencies are required to notify their users of the plan and to ensure that their members know how to call for assistance if necessary.
- 3.8 **LASD and LACoFD** enter into this MOU with the understanding and acknowledgement that radio conversations conducted on ACVRS channels will be recorded by LA-RICS and or LASD and LACoFD. SCC and FCCF should notify members using the ACVRS of this detail.

- 3.9 SCC and FCCF shall only assign ACVRS channels to members who are in good standing with the requirements and obligations of its membership in the Authority as set forth in the Authority's Joint Powers Agreement and any adopted Funding Plan(s), and shall not be in default thereto.

#### **4. TERM OF MOU**

- 4.1 The MOU shall commence upon execution by both parties and shall remain in effect until terminated by either party as provided herein, and as stipulated by Section 6.01, Withdrawal of Members, of the LA-RICS JPA.
- 4.2 Notwithstanding the foregoing, either party shall have the option of terminating this MOU at any time for any reason upon giving the cancelled party notice in writing at least ninety (90) calendar days advance notice of such termination. All channels set forth in Exhibit A (Channel Assignment Matrix) must be returned prior to conclusion of the 90 calendar day notice.

#### **5. CONSIDERATION**

This MOU is granted on a gratis basis in furtherance of public safety goals. Consideration for this MOU is parties' full and faithful compliance with the mutual promises, covenants, terms and conditions set forth herein.

#### **6. CHANNEL ADMINISTRATORS**

- 6.1 Authority Thirteen (13) ACVRS Channel Administrator:

Los Angeles Regional Interoperable Communications System  
LA-RICS Project Team  
LA-RICS Land Mobile Radio System Manager  
2525 Corporate Place, Suite 200  
Monterey Park, CA 91754  
(323) 881-82XX

- 6.2 LASD Six (6) ACVRS Channel Administrator:

Los Angeles County Sheriff's Department  
Sheriff's Communication Center  
Captain  
1277 North Eastern Avenue  
Los Angeles, CA 90063  
(323) 881-8001

6.3 LACoFD Seven (7) ACVRS Channel Administrator:

Los Angeles County Fire Department  
Assistant Chief Tony Ramirez  
1320 North Eastern Avenue  
Los Angeles, CA 90040  
Phone Number

## 7. NOTICES

7.1 Notices desired or required to be given pursuant to this MOU or by any law shall be provided in the manner set forth in Section 7.2 and addressed as follows:

Notices to Authority shall be addressed as follows, unless otherwise stipulated in the MOU exhibits:

LA-RICS Joint Powers Authority  
Attn: Ms. Susy Orellana-Curtiss  
2525 Corporate Place, Suite 100  
Monterey Park, CA 91754  
[susy.orellana-curtiss@la-rics.org](mailto:susy.orellana-curtiss@la-rics.org)

Notices to **LASD** shall be addressed as follows:

Los Angeles County Sheriff's Department  
Communications and Fleet Management Bureau  
Attn: Captain  
1277 N. Eastern Avenue  
Los Angeles, CA 90063

Notices to **LACoFD** shall be addressed as follows:

Los Angeles County Fire Department  
**Attn: Assistant Chief**  
1320 North Eastern Avenue  
Los Angeles, CA 90040

7.2 Notice will be sufficiently given for all purposes as follows:

- a) Personal delivery. When personally delivered to the recipient, notice is effective on delivery.
- b) First Class mail. When mailed first class to the last known address of the recipient, notice is effective three mail delivery days after deposit in a United States Postal Service office or mailbox.

- c) Certified mail. When mailed certified, return receipt requested, notice is effective on receipt, if delivery is confirmed by a return receipt.
  - d) Overnight delivery. When delivered by an overnight delivery service, charges prepaid or charged to the sender's account, notice is effective on delivery, if delivery is confirmed by the delivery service.
  - e) Facsimile transmission. When sent by fax to the last known fax number of the recipient, notice is effective on receipt. Any notice given by fax will be deemed received on the next business day if it is received after 5:00 p.m. or on a non-business day.
  - f) Email. When sent by email, notice is effective on receipt. Any notice given by email will be deemed received on the next business day if it is received after 5:00 p.m. or on a non-business day.
- 7.3 Any correctly addressed notice that is refused, unclaimed, or undeliverable because of an act or omission of the party to be notified, will be deemed effective as of the first date the notice was refused, unclaimed or deemed undeliverable by the postal authorities, messenger or overnight delivery service.
- 7.4 Addresses and persons to be notified may be changed by either party by giving ten (10) calendar days prior written notice thereof to the other party.

## **8. RELINQUISHING OF CHANNELS**

In accordance with conditions of this MOU, the **LASD and LACoFD** shall relinquish all channels set forth in Exhibit A (ACVRS Channel Matrix) to the Authority.

## **9. INDEMNITY**

**LASD and LACoFD** shall indemnify, defend, and hold harmless the Authority, its elected and appointed officers, member agencies, employees, contractors and agents from and against any and all liability, including but not limited to demands, claims, actions, fees, costs, and expenses (including attorney and expert witness fees), arising from or connected with the LASD and LACoFD acts and/or omissions arising from and/or relating to this MOU, except for such loss or damage arising from the sole negligence or willful misconduct of the Authority.

## **10. INDEPENDENT STATUS**

This MOU is by and between **LASD, LACoFD** and Authority and is not intended and shall not be construed to create the relationship of agent, servant, employee, partnership, joint venture or association as between **LASD, LACoFD** and Authority.

## **11. ASSIGNMENT**

This MOU is personal to Authority, **LASD and LACoFD**, and, in the event the **LASD and or LACoFD** shall attempt to assign or transfer the same in whole or in part, all rights hereunder shall immediately terminate.

## **12. DEFAULT**

Parties agree that if default shall be made in any of the terms or conditions herein contained, the non-defaulting party may forthwith revoke and terminate this MOU.

## **13. WAIVER**

13.1 Any waiver by either party of the breach of any one or more of the covenants, conditions, terms and MOUs herein contained shall not be construed to be a waiver of any other breach of the same or of any other covenant, condition, term or MOU herein contained, nor shall failure on the part of either party to require exact, full and complete compliance with any of the covenants, conditions, terms or MOUs herein contained be construed as in any manner changing the terms of this MOU or stopping either party from enforcing the full provisions thereof.

13.2 No option, right, power, remedy, or privilege of either party shall be construed as being exhausted by the exercise thereof in one or more instances. The rights, powers, options, and remedies given either party by this MOU shall be cumulative.

## **14. INTERPRETATION**

Unless the context of this MOU clearly requires otherwise: (i) the plural and singular numbers shall be deemed to include the other; (ii) the masculine, feminine and neuter genders shall be deemed to include the others; (iii) "or" is not exclusive; and (iv) "includes" and "including" are not limiting.

## **15. GOVERNING LAW, JURISDICTION, AND VENUE**

This MOU shall be governed by, and construed in accordance with, the laws of the State of California. The parties agree and consent to the exclusive jurisdiction of the courts of the State of California for all purposes regarding this MOU and further agree and consent that venue of any action brought hereunder shall be exclusively in the County of Los Angeles.

## **16. SEVERABILITY**

If any provision of this MOU is held invalid, the remainder of this MOU shall not be affected thereby if such remainder would then continue to conform to the terms and requirements of applicable law.

**17. AMENDMENTS**

All changes, modifications, or amendments to this MOU must be in the form of a written Amendment duly executed by authorized representatives of the Authority, **LASD and LACoFD**.

**18. ENTIRE MOU**

This MOU, and Exhibit A and any executed Amendments, between the parties hereto, and no addition or modification of any terms or provisions shall be effective unless set forth in writing, signed by **LASD, LACoFD** and Authority.

(Signature Page – following page)

DRAFT

**MEMORANDUM OF UNDERSTANDING FOR  
USE OF LA-RICS USER EQUIPMENT**

**IN WITNESS WHEREOF**, Authority has executed this MOU or caused it to be duly executed, **LASD and LACoFD**, by Order of its authorizing body, has caused this MOU to be executed on its behalf by its duly authorized representatives, on the dates written below.

**LASD NAME**

\_\_\_\_\_  
Authorized Agency Official

\_\_\_\_\_  
Date

**LACoFD NAME**

\_\_\_\_\_  
Authorized Agency Official

\_\_\_\_\_  
Date

**LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM  
AUTHORITY**

\_\_\_\_\_  
Executive Director, Scott Edson

\_\_\_\_\_  
Date



COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band		Description			
						UHF		LARICS SHARED ACVRS			
TRO	CHANNEL CONFIGURATION	CHANNEL NAME	ELIGIBLE USERS	RX FREQ	TONE/NAC	TX FREQ	TONE/NAC	BW (khz)	DEV (khz)	A, D, or M	REMARKS
9	REGIONAL SIMULCAST	<b>LARICS-U1</b>	LAC Fire & LASD	483.5500	Tone 31 186.2	486.5500	Tone 31 186.2	12.5	2.5	A	<b>MANAGED BY LASD</b>
9	REGIONAL SIMULCAST	<b>LARICS-U2</b>	LAC Fire & LASD	483.7500	Tone 14 151.4	486.7500	Tone 14 151.4	12.5	2.5	A	<b>MANAGED BY LACoFD</b>
<b>SITES = DPW38, FRP, HPK, MMC, TPK</b>											
6	REGIONAL SIMULCAST	<b>LARICS-U3</b>	LAC Fire & LASD	483.0125	Tone 14 151.4	486.0125	Tone 14 151.4	12.5	2.5	A	<b>MANAGED BY LACoFD</b>
6	REGIONAL SIMULCAST	<b>LARICS-U4</b>	LAC Fire & LASD	483.4125	Tone 14 151.4	486.4125	Tone 14 151.4	12.5	2.5	A	<b>MANAGED BY LACoFD</b>
6	REGIONAL SIMULCAST	<b>LARICS-U5</b>	LAC Fire & LASD	483.7375	Tone 14 151.4	486.7375	Tone 14 151.4	12.5	2.5	A	<b>MANAGED BY LACoFD</b>
6	REGIONAL SIMULCAST	<b>LARICS-U6</b>	LAC Fire & LASD	483.9000	Tone 31 186.2	486.9000	Tone 31 186.2	12.5	2.5	A	<b>MANAGED BY LASD</b>
6	REGIONAL SIMULCAST	<b>LARICS-U7</b>	LAC Fire & LASD	484.0500	Tone 31 186.2	487.0500	Tone 31 186.2	12.5	2.5	A	<b>MANAGED BY LASD</b>
<b>SITES = AGH, BHS, CRN, FCCF, LACF072, MTL2, OAT, TOP, TWR, VPK</b>											
8	REGIONAL SIMULCAST	<b>LARICS-U8</b>	LAC Fire & LASD	483.0000	Tone 31 186.2	486.0000	Tone 31 186.2	12.5	2.5	A	<b>MANAGED BY LASD</b>
8	REGIONAL SIMULCAST	<b>LARICS-U9</b>	LAC Fire & LASD	483.4625	Tone 31 186.2	486.4625	Tone 31 186.2	12.5	2.5	A	<b>MANAGED BY LASD</b>
8	REGIONAL SIMULCAST	<b>LARICS-U10</b>	LAC Fire & LASD	483.6625	Tone 31 186.2	486.6625	Tone 31 186.2	12.5	2.5	A	<b>MANAGED BY LASD</b>
8	REGIONAL SIMULCAST	<b>LARICS-U11</b>	LAC Fire & LASD	483.8125	Tone 14 151.4	486.8125	Tone 14 151.4	12.5	2.5	A	<b>MANAGED BY LACoFD</b>
8	REGIONAL SIMULCAST	<b>LARICS-U12</b>	LAC Fire & LASD	484.1250	Tone 14 151.4	487.1250	Tone 14 151.4	12.5	2.5	A	<b>MANAGED BY LACoFD</b>
<b>SITES = CRN, ESR, FRP, INDWT, JPK2, MDI, MTL2, PHN, PMT, POM, RIH, SDW</b>											






**LOS ANGELES REGIONAL INTEROPERABLE  
COMMUNICATIONS SYSTEM AUTHORITY**

2525 Corporate Place, Suite 100  
Monterey Park, California 91754  
Telephone: (323) 881-8291  
<http://www.la-rics.org>

SCOTT EDSON  
EXECUTIVE DIRECTOR

November 17, 2020

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson   
Executive Director

**REGIONAL INTEROPERABILITY WORKING GROUP STATUS**

The purpose of this item is to inform the Committee Members on the Regional Interoperability Working Group Status.

TP:SAC:jh




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SCOTT EDSON  
EXECUTIVE DIRECTOR

November 17, 2020

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson   
Executive Director

**REGIONAL CYBER SECURITY GRANT REQUEST**

The purpose of this discussion item is to update the committee members on Regional Cyber Security Grant Request.

TP:SAC:jh

**AGENDA ITEM H**



## LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

2525 Corporate Place, Suite 100  
Monterey Park, California 91754  
Telephone: (323) 881-8291  
<http://www.la-rics.org>

SCOTT EDSON  
EXECUTIVE DIRECTOR

November 17, 2020

Joint Operations and Technical Committee Members  
Los Angeles Regional Interoperable Communications System Authority (the "Authority")

Dear Committee Members:

### **2021 SCHEDULE OF LA-RICS JOINT OPERATIONS AND TECHNICAL COMMITTEE MEETINGS**

#### **SUBJECT**

Committee approval is requested for the 2021 Schedule of LA-RICS Joint Operations and Technical Committee Regular Meetings. Due to COVID-19 and the Governor's current Executive Order, the meetings will be held via Teleconference/Webex until further notice.

#### **RECOMMENDED ACTIONS**

It is recommended that your Committee:

1. Approve the following dates for the calendar year 2021 Joint Operations and Technical Committee Regular Meeting Schedule:

January 19  
March 16  
May 18  
July 20  
September 21  
November 16

All Regular Meetings will be held at 1:30 p.m. Pacific Time via Teleconference/WebEx until further notice.

**PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

The approval of the recommended action will set the date, time, and location for each Regular Meeting of this Joint Operations and Technical Committee for calendar year 2021.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Scott Edson", is written over a light blue circular stamp.

SCOTT EDSON  
EXECUTIVE DIRECTOR

SC:jh

cc: Counsel to the Authority