



# AGENDA

## LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

### JOINT OPERATIONS AND TECHNICAL COMMITTEE SPECIAL MEETING

Tuesday, December 3, 2019 • 1:30 p.m.

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

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

**AGENDA POSTED: Tuesday, November 26, 2019**

Complete agendas are made available for review at the designated meeting location. Supporting documentation is available at the LA-RICS Office located at 2525 Corporate Place, Suite 200, Monterey Park, CA 91754 during normal business hours and may also be accessible on the Authority’s website at <http://www.la-rics.org>.

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#### OPERATIONS COMMITTEE

##### **Members:**

1. **John Geiger**, Los Angeles County, CEO
2. **Kyle Zuniga, Chair**, County of Los Angeles Fire Dept.
3. **Hiroshi Yokoyama, Vice-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. **Ron Sagmit**, 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.  
**Kevin Unland**, 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.  
**Nick Davenport**, 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. **Hiroshi Yokoyama**, Los Angeles County Sheriff’s Dept.
4. **Jeffrey Morgan**, 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. **Ron Sagmit**, 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.  
**Kevin, Unland**, 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.  
**Nick Davenport**, 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**

**CALL TO ORDER**

**ANNOUNCE QUORUM – Roll Call**

**APPROVAL OF MINUTES (A-B)**

- A. May 21, 2019 – Regular Meeting Minutes
- B. July 16, 2019 – Regular Meeting Minutes

**PUBLIC COMMENTS**

**CONSENT CALENDAR – NONE**

**REPORTS (C-D)**

- C. Status Report Update for
  - a. LTE Round 1 Transition - Televate
  - b. LTE Round 2 Deployment - Jacobs
- D. Status Report Update for LMR - Jacobs

**DISCUSSION ITEMS (E-F)**

- E. Overview and Efforts of the Regional ISSI Interoperability Working Group

Agenda Item E

- F. 2019 Radio Rodeo Debrief

Agenda Item F

**ADMINISTRATIVE MATTER (G)**

- G. 2020 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 2020 Joint Operations and Technical Committee Regular Meeting Schedule:

January 21  
March 17  
May 19  
July 21  
September 15  
November 17

Agenda Item F

**MISCELLANEOUS – NONE**

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

**CLOSED SESSION REPORT – NONE**

**ADJOURNMENT AND NEXT MEETING:**

Tuesday, January 21, 2020, 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 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) comment cards 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.)*

Members of the public who wish to address the Committee are urged to complete a Speaker Card and submit it to the Committee Secretary prior to commencement of the public meeting. The cards are available in the meeting room. However, should a member of the public feel the need to address a matter while the meeting is in progress, a card may be submitted to the Committee Secretary prior to final consideration of the matter.

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 at least 72 hours prior to the meeting you wish to attend. (323) 881-8291 or (323) 881-8295

SI REQUIERE SERVICIOS DE TRADUCCION, FAVOR DE NOTIFICAR LA OFICINA CON 72 HORAS POR ANTICIPADO.

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, May 21, 2019 • 1:30 p.m.  
LA-RICS Headquarters – Large Conference Room  
2525 Corporate Place, Suite 200, Monterey Park, CA 91754

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

**John Geiger**, Los Angeles County, CEO  
**Frank Garrido**, Captain, County of Los Angeles, Fire Department  
**Hiroshi Yokoyama**, Vice-Chair, Lieutenant, Los Angeles County Sheriff's Department  
**Kay Fruhwirth**, Los Angeles County DHS  
**Jeff LaGree**k, Inglewood Police Department  
**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 Engineer Command and Control, LACoFD  
Information Officer, EMS Agency, County of LADHS  
**Hiroshi Yokoyama**, Lieutenant, Los Angeles County Sheriff's Department  
**Jeffrey Morgan**, Los Angeles County DHS  
**Ted Pao**, Chair, Information Technology Specialist, Los Angeles County Internal Services Department  
**Jeff LaGree**k, Inglewood Police Department  
**Ric Walczak**, Lieutenant, Covina Police Department

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### **Absent:**

**Chris Donovan**, Fire Chief, Los Angeles Area Fire Chiefs Association  
**Anthony Vairo**, Los Angeles County Police Chiefs Association  
**James Craig**, Manhattan Beach Fire Department  
**Ron Sagmit**, Signal Hill Police 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**

Operations Committee Vice-Chair Hiroshi Yokoyama called the meeting to order at 1:35 p.m.

**II. ANNOUNCE QUORUM – Roll Call**

Operations Committee Vice-Chair Yokoyama asked for a roll call and acknowledged a quorum was present for Joint Operations and Technical committee.

**APPROVAL OF MINUTES (A)**

**A. March 19, 2019 – Regular Meeting Minutes**

Operations Committee Vice-Chair Yokoyama asked for a motion to approve the minutes. Operations and Technical Committee (Joint Committees) Member John Geiger had an amendment to the minutes presented. Member Geiger moved to approve first, seconded by Member Ric Walczak.

Ayes 9: Geiger, Garrido, Hiroshi, Kay Fruhwirth, LaGreek, Walczak, England, Morgan, and Pao

**III. PUBLIC COMMENTS – (NONE)**

**IV. CONSENT CALENDAR – (NONE)**

**V. REPORTS (B-C)**

**B. Status Report Update for LTE – Steve Sidore**

Steve Sidore, a consultant with Televate provided an update on the Long Term Evolution (LTE) Public Safety Broadband Network (PSBN) Round 2.

The PSBN network continues to be transitioned to the First-Net network. As of now, there are 36 sites that have transitioned by July 1, 2019. The Cell On Light Truck (COLT) continue to move towards the Request for Quotation (RFQ) and we are looking at a target date of mid July 2019.

This concluded the Status Report for LTE.

**C. Status Report Update for LMR – Deputy Program Manager Tanya Roth**



Deputy Program Manager Roth provided an update on which sites are in construction and those active, planned, with corresponding details supporting the construction-related activities occurring at these sites to date.

**LMR – Major focus is all thing Construction**

- Entails digging in with our partners at CEO RED and DPW to map out expedited paths forward to get the remaining sites into Construction
- Commencing and completing Construction tasks in the field

Phase 2 – Seven (7) Active Sites:

- CRN
- OAT
- POM
- AGH
- BKK
- MIR
- INDWT

Phase 4 – Seven (7) Active Sites:

- BMT
- FCCF
- LAN
- LDWP243
- PLM
- POM
- MVS

Upcoming Sites:

- UCLA

Pending BOK Sites 14:

- Catalina 3
- CPK
- 072
- DelValle
- RHT
- RPVT



- SPH
- SPN
- TOP
- UCLA
- UNIV
- WWY

## **LTE2 – Race to deliver 26 sites to AT&T First-Net**

Working with two (2) vendors:

First Vendor: Motorola Solutions, Inc. (MSI) as a Design Build Vendor

- Collocation on 9 USFS LMR tower
- Kick off meeting with MSI earlier this month, designs in process

Second Vendor: DEA Sites contracted to design and permit the balance of 17

- First 13 Sites: Drawing development
- Final 4 Sites: Team is evaluating a pool of 15

For the sites that David Evans and Associates (DEA) is taking through to Building Permit (BP) the construction vendors will be procured through a public bidding process, which entails prequalifying General Contractors (GC) and then releasing bids per site once the drawings are ready. A major milestone achieved by the project team last week was release of the prequalification package, posted to County Website and all of our social media outlets.

This concluded the Deputy Program Manager's Report.

## **VI. DISCUSSION ITEMS (D-F)**

### **D. Mutual Roaming Access Agreements**

Operations Committee Vice-Chair Hiroshi Yokoyama gave an update on the Mutual Roaming Access Agreements and provided the following update:

Operations Committee Vice-Chair Yokoyama stated roaming is not to be confused with a mutual aid agreement, where mutual aid is meant to extend access to non-subscribers during times of emergency.

Roaming extends the coverage of the home Land Mobile Radio (LMR) system, allowing the subscriber seamless extension of coverage between the home LMR system and a visited LMR system.





One way of enabling roaming is through an Inter-RF Subsystem Interface (ISSI). The ISSI is between two Radio Frequency Subsystems (RFSSs), which are the basic elements in the network infrastructure to compose a P25 System.

Examples of roaming are when a Sheriff's prisoner transportation bus travels up the I-5 through the state to deliver or pickup prisoners between Los Angeles County and State Prisons.

Another example could be when State Parole from Bakersfield is working in the Los Angeles area.

An RFSS can have at least one of two functional roles (home or serving). When an RFSS functions as a serving RFSS, it means that the RFSS is serving a subscriber unit (SU) or a group. When an RFSS functions as a home RFSS, it means that the RFSS is responsible for tracking the SU's movement or is home for the group. These functional roles are expanded to include whether the home RFSS or serving RFSS is either the calling or called for SU-to-SU voice calls.

A roaming agreement would need to address the technical components required to enable the service, which is the reason for this discussion. I would like this discussion to include the technical components from our Technical Committee members, such as Mobility Management, Call Control, and Transmission Control.

Discussion relating to the roaming agreement took place among committee members. They concluded that a draft agreement will need to include the technical requirements to enable roaming. Operations Committee Vice-Chair Yokoyama questioned what the necessary technical requirements are for a functioning roaming agreement, in order to not over tax a digital trunk system. Technical Vice-Chair Scott England stated that an analysis was looked into and they are ready to bring it up to California Statewide Interoperability Executive Committee (CalSIEC). In addition, we can send out the analysis to the Joint Committee Members.

This concludes the Mutual Roaming Access Agreements discussion item.

#### **E. Encryption of Digital Trunked Radio System Talk Groups**

Operations Committee Vice-Chair Yokoyama stated that he surveyed some LMR systems in southern California region and found both Orange County and Riverside County are 100% encrypted.

San Diego County Sheriff's Department (SDSD) leaves the decision to encrypt to the respective agencies. Los Angeles County Fire Department (LACoFD) agencies are all in the clear. SDSD is 40% of their system, and their normal patrol



dispatch talk groups are in the open, but each patrol station has an encrypted tactical talk group. One agency has an option to switch to an encrypted dispatch talk group in case of a call of a sensitive nature. They all have a wants and warrants encrypted talk group to run persons so personal criminal information is not open to the public.

The purpose of this discussion is to garner a recommendation on encryption for LA-RICS.

Discussion relating to Encryption of Digital Trunked Radio System Talk Groups took place among committee members. They concluded more information gathering will be done to address encryption talk groups.

This concludes the Encryption of Digital Trunked Radio System Talk Groups discussion item.

**F. Outreach to Coast Guard Investigative Service**

Operations Committee Vice-Chair Yokoyama stated on April 11, 2019, Operations Committee Chair Battalion Chief Kyle Zuniga, Deputy Dana Gower and Lt. Yokoyama met with members of the Coast Guard Investigative Service (CGIS) based at Sector Los Angeles/Long Beach. They were very appreciative of the outreach, as their eight-loaner radios had stopped working. We took back the eight (8) loaner APX 7000XE radios to run diagnostics and upgrade firmware.

It was interesting to note the portables could not reach Rolling Hills (RHT) from their office, as it was shadowed by San Pedro Hill (SPH). We noticed that as we got farther away from their offices, we were able to use the radio without much difficulty. LA-RICS will have a site at both SPH and Signal Hill (SGH), which will provide robust coverage for the entire port area, but that will not be until 2021.

The workaround would be to move forward with the ESChat application for the CGIS cell phones, through a "donor radio" setup. A connection with the ESChat servers directly to the LA-RICS core would allow CGIS to use both of their LA-RICS talk groups via the smartphone app at their headquarters.

This concludes the Outreach to Coast Guard Investigative Service discussion item.

Joint Committee Member John Geiger asked if the Committee will be bringing back item VII D. Cache Radio Subscriptions on a regular discussion for status and progress and if not I would make that request.



**VII. ADMINISTRATIVE MATTERS (NONE)**

**VIII. MISCELLANEOUS – (NONE)**

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

**X. CLOSED SESSION REPORT – NONE**

**XI. ADJOURNMENT AND NEXT MEETING:**

Operations Committee Vice-Chair Yokoyama announced adjournment of this meeting at 2:26 p.m., and the next Committee Meeting is on Tuesday, July 16, 2019, at 1:30 p.m., at LA-RICS Headquarters, 2525 Corporate Place, Suite 200, Large Conference Room, Monterey Park, California 91754.



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

**LOS ANGELES REGIONAL INTEROPERABLE  
COMMUNICATIONS SYSTEM AUTHORITY**

Tuesday, July 16, 2019 • 1:30 p.m.  
LA-RICS Headquarters – Large Conference Room  
2525 Corporate Place, Suite 200, Monterey Park, CA 91754

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**Operations Committee Members Present:**

**Kyle Zuniga**, Chief, County of Los Angeles, Fire Department  
**Kevin Unland, Sergeant**, Los Angeles County Sheriff's Department  
**Cathy Chidester**, Los Angeles County LADHS  
**Ron Sagmit**, Signal Hill Police Department  
**Ric Walczak**, Lieutenant, Covina Police Department

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**Technical Committee Members Present:**

**Kevin Unland, Sergeant**, Los Angeles County Sheriff's Department  
**Jeffrey Morgan**, Los Angeles County DHS  
**Ted Pao**, Chair, Information Technology Specialist, Los Angeles County Internal Services Department  
**Ron Sagmit**, Signal Hill Police Department  
**Ric Walczak**, Lieutenant, Covina Police Department

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**Absent:**

**John Geiger**, Los Angeles County, CEO  
**Scott England**, Vice-Chair, Telecommunications Systems Consulting Engineer, LACoFD  
**Chris Donovan**, Fire Chief, Los Angeles Area Fire Chiefs Association  
**Anthony Vairo**, Los Angeles County Police Chiefs Association  
**James Craig**, Manhattan Beach Fire Department  
**Jeff Lagreek**, Sergeant, Inglewood Police Department

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**Officers Present:**

**Scott Edson**, LA-RICS Executive Director  
**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**

Operations Committee Chair Kyle Zuniga called the meeting to order at 1:35 p.m.

**II. ANNOUNCE QUORUM – Roll Call**

Operations Committee Chair Zuniga asked for a roll call and acknowledged a quorum was not present for Joint Operations and Technical committee.

**APPROVAL OF MINUTES (A)**

**A. March 19, 2019 – Regular Meeting Minutes**

Operations Committee Chair Zuniga did not ask for a motion to approve the minutes due to a quorum was not present for joint Operations and Technical Committee (Joint Committees).

**III. PUBLIC COMMENTS – (NONE)**

**IV. CONSENT CALENDAR – (NONE)**

**V. REPORTS (B-C)**

**B. Status Report Update for LTE – Steve Sidore**

Steve Sidore, a consultant with Televate provided an update on the Long Term Evolution (LTE) Public Safety Broadband Network (PSBN) Round 1.

From a conversion of site, 36 site integrated into AT&T First-Net network. They are working on four sites in Palmdale and six sites with Southern California Edison (SCE) for 10 sites going out this month. By the end of the month, 46 sites integrated into the AT&T network. With the remaining 32 sites upcoming this August and September 2019. Mostly due to transport fiber. The Cell On Light Truck (COLT) Round are moving forward with procurement, which is going out this month.

Executive Director Scott Edson asked are there any sites down or off line. Mr. Sidore responded that 36 sites are up on AT&T and there were five sites that were up in the Palmdale area, that were still onto the core. Others are on but not broadcasting and AT&T still has coverage from surrounding AT&T sites for band-14, we stopped broadcasting our sites to avoid interference. The new routers

should access everything they will hop onto the AT&T network and any of the transitioned PSBN sites. The second Subscriber Identification Module (SIM) in the routers is filled with a commercial SIM that will lock onto the commercial site of AT&T. We did have some issues around the Sierra Wireless' In-Vehicle Router (OMG) that will not transition over to the AT&T network. Those are being manufactured discontinued and will be swapped out and returned to us.

This concluded the Status Report for LTE.

**C. Status Report Update for LMR – Deputy Program Manager Tanya Roth**

Deputy Program Manager Roth provided an update on which sites are in construction and those active, planned, with corresponding details supporting the construction-related activities occurring at these sites to date.

**LMR – Major focus is all thing construction**

Entails digging in with our partners and point of contact (POC) over at Los Angeles County Department of Regional Planning (DRP) and CEO RED and the Forestry Services map out the expedited past forward. We had productive meetings and we have dedicated resources. We have been seeing results and dedicated resources and projects are moving forward.

Phase 2 – Five (5) Active Construction Sites:

- Agoura Hills
- BBK Water Tank
- DPW38
- Industry Water Tank
- Pomona

Phase 4 – Five (5) Active Construction Sites:

- CCB
- MMC
- Downtown UHF this week that contemplate FCC and CCT.

To date completed 19 sites 28 yet to start, we are at the half waypoint.



Upcoming Sites:

- UCLA

Taking our final plans over to UCLA for stamping and routing of Building Permits (BP). Next time we meet, we should be in construction on the UCLA site.

### **LTE2 – deployment**

Our LTE2 and LMR System Managers had a meeting today to make sure our construction drawings for UCLA have contemplated all we have learned on the LMR program. The focus remain to deliver 26 sites to AT&T FirstNet.

We are in receipt of 50% construction drawings for seven sites and will transfer those back to David Evans and Associates (DEA) tomorrow for progression to the 75% CD and upon approval; they will go into BPs. That will also trigger the Invitation to Bid (IFB). Last time we met the team had released a Request For Qualification (RFQ) that was a huge milestone and has progressed significantly and we have qualified 6 General Contractors (GC) and now able to bid on our sites.

Site Access Agreement (SAA) fund we have seven site on the LTE2 that has been approved by our JPA Board. We continue to evaluate cogency site to round out the 26 delivered to AT&T.

This concluded the Deputy Program Manager's Report.

## **VI. DISCUSSION ITEMS (D-F)**

### **D. Spectrum Use and Roaming Agreements**

Discussion relating to the roaming agreement took place among committee members. Technical Chair Ted Pao open the discussion by saying that the Inter-RF Subsystem Interface (ISSI) roaming allows the ability to authenticate roaming user access to another Land Mobile Radio (LMR) network to get back to the home system. This will allow members to be in the service area even if they do not have coverage from home system; thereby still in contact with their home dispatcher and not another system dispatcher. When there is an agreement with surrounding counties and the State of California so they may have personal coming into Los Angeles County and allow them to have access to the LMR system. This ISSI connection comes at a cost for both parties. LA-RICS is talking about having ISSI interconnects between LMR systems, a standard P25 Interconnect Interface, which we must license those connections. For example, between San Bernardino County and us, there must be a license on our side and



a license on San Bernardino County side. Same with state of California, another license on each side. The ISSI cost has gone up and that is their Motorola Solutions, Inc. (Motorola) marketing and business strategy. In our contract with our vendor, we do have a fixed cost that gives us an advantage. Not every agency has that contract price. We would look for inputs from our members on ISSI connection needs. It's been asked how far do we want to go for ISSI connections. We would like to get some input from our member agencies on that. There is ongoing connection cost of a microwave and/or fiber connection linking each LMR system. In Southern California, we can potentially link up five southern California counties, San Bernardino, Riverside, Orange, San Diego, and Imperial County that will allow users to roam all the way to California/Arizona border.

This concludes the Spectrum Use and Roaming Agreements discussion item.

**E. Encryption of Digital Trunked Voice Radio System**

Discussion relating to Encryption of Digital Trunked Voice Radio System took place among committee members. The Los Angeles County Sheriff's Department (LASD) and Los Angeles County Fire Department (LACoFD) gave several examples as how they work together every day with the radio system. Recent issues with Orange County going full encryption on their system, which caused issues with the media. LACoFD recently took the position that they will not be encrypted while Sheriff would continue. Encryption makes interoperability complicated, not impossible. Bottom line is Law encrypts, Fire typically does not. They concluded that this discussion would continue as they address encryption of Digital Trunked Voice Radio System.

This concludes the Encryption of Digital Trunked Voice Radio System discussion item.

**F. Cache Radio Subscriptions**

Ongoing discussion relating to Cache Radio Subscriptions took place among committee members. Operations Committee Chair Zuniga open the discussion by questioning how would you use the Cache radio; defining cache radio's, define deployment strategy and cost models. Will it be a tiered subscription plan or proportional to the agency size or based on personnel on duty? LASD and LACoFD discussed what are the best practices. They concluded that this discussion would continue as they address cache radio subscriptions. Need to look at like radio systems and subscription models to make informed choices on maintenance and sustainability the system.

This concludes the Cache Radio Subscriptions discussion item.





**VII. ADMINISTRATIVE MATTERS (NONE)**

**VIII. MISCELLANEOUS – (NONE)**

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

**X. CLOSED SESSION REPORT – NONE**

**XI. ADJOURNMENT AND NEXT MEETING:**

Operations Committee Chair Zuniga announced adjournment of this meeting at 2:44 p.m., and the next Committee Meeting is on Tuesday, September 17, 2019, at 1:30 p.m., at LA-RICS Headquarters, 2525 Corporate Place, Suite 200, Large Conference Room, Monterey Park, California 91754.



**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

December 3, 2019

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson  
Executive Director

**OVERVIEW AND EFFORTS OF THE REGIONAL ISSI INTEROPERABILITY  
WORKING GROUP**

The purpose of this item is for the Committee Members to discuss the overview and efforts of the Regional ISSI Interoperability Working Group.

TP:jh

**AGENDA ITEM E**



**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

December 3, 2019

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson  
Executive Director

A handwritten signature in black ink, appearing to read "Scott Edson", written over a horizontal line.

**2019 RADIO RODEO DEBRIEF**

The purpose of this item is for the Committee Members to discuss the 2019 Radio Rodeo Debrief.

HY:jh

**AGENDA ITEM F**



**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

December 3, 2019

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

Dear Committee Members:

**2020 SCHEDULE OF LA-RICS  
JOINT OPERATIONS AND TECHNICAL COMMITTEE MEETINGS**

**SUBJECT**

Committee approval is requested for the 2020 Schedule of LA-RICS Joint Operations and Technical Committee Regular Meetings. The location for the 2020 Committee meetings will be at the LA-RICS Headquarters, 2525 Corporate Place, Suite 200, Large Conference Room, Monterey Park, California 91754.

**RECOMMENDED ACTIONS**

It is recommended that your Committee:

1. Approve the following dates for the calendar year 2020 Joint Operations and Technical Committee Regular Meeting Schedule:

January 21  
March 17  
May 19  
July 21  
September 15  
November 17

All Regular Meetings will be held at 1:30 p.m. Pacific Time at the LA-RICS Headquarters, 2525 Corporate Place, Suite 200, Large Conference Room, Monterey Park, California 91754.

**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 2020.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Scott Edson", written in a cursive style.

SCOTT EDSON  
EXECUTIVE DIRECTOR

HY:jh

cc: Counsel to the Authority