



AGENDA

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

SPECIAL JOINT COMMITTEE MEETING

(OPERATIONS • TECHNICAL)

Tuesday, March 4, 2014 : 1:30 p.m.
LA-RICS Headquarters, Large Conference Room
2525 Corporate Pl., Suite 200, Monterey Park, CA 91754

Teleconference Location
Westin Savannah Harbor Golf Resort & Spa, Georgia
1 Resort Drive, Savannah, Georgia, 31421

AGENDA POSTED: March 3, 2014

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

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1. CALL TO ORDER
 2. ANNOUNCE QUORUM – Roll Call
 3. APPROVAL OF September 27, 2012, Joint Committee Meeting (Operations & Technical) Minutes
[ATTACHMENT 1]
 4. REPORTS – None
 5. NEW BUSINESS –
 - 5.1 Discussion Item: Public Safety Broadband Network (PSBN) Uses
 - 5.2 Discussion Item: PSBN Status
 - 5.3 Discussion Item: PSBN Benefits, Overview and Incident Analysis
 - 5.4 Action Item: Discuss and make recommendations to the Board on the Technology and Operational Options, specifically:
 - A. Authority's option to procure Additive Alternate 1 – Home Subscriber Server, from the Public Safety Broadband Network (PSBN) Proposed Contract; and
 - B. Authority's option to procure Additive Alternate 2 – Redundant Evolved Packet Core from the PSBN Proposed Contract; and
 - C. Authority's option to procure Additive Alternate 3 – Location Services from the PSBN Proposed Contract; and



- D. Capital Replacement / System Refresh for the PSBN in the Draft Proposed Funding Plan; and
- E. Awarding the PSBN Proposed Contract with Motorola Solutions, Inc.

[ATTACHMENT 2]

- 6. OLD BUSINESS – None
- 7. PUBLIC COMMENT –
- 8. ADJOURNMENT AND NEXT MEETING:

Date and Location: TBD



JOINT OPERATIONS & TECHNICAL COMMITTEE MEETING INFORMATION

Members of the public are invited to address the LA-RICS OPERATIONS & TECHNICAL COMMITTEES on any item on the agenda prior to action by the OPERATIONS & TECHNICAL COMMITTEES on that specific item. Members of the public may also address the OPERATIONS & TECHNICAL COMMITTEES on any matter within the subject matter jurisdiction of the OPERATIONS & TECHNICAL COMMITTEES. The OPERATIONS & TECHNICAL COMMITTEES 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 OPERATIONS & TECHNICAL COMMITTEES' Chairs.

(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 OPERATIONS & TECHNICAL COMMITTEES are urged to complete a Speaker Card and submit it to the OPERATIONS & TECHNICAL COMMITTEES' Secretaries 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 OPERATIONS & TECHNICAL COMMITTEES' Secretaries prior to final consideration of the matter.

It is requested that individuals who require the services of a translator contact the OPERATIONS & TECHNICAL COMMITTEES' Secretaries 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 24 HORAS POR ANTICIPADO.



MINUTES

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

JOINT COMMITTEE MEETING

(OPERATIONS • TECHNICAL)

Tuesday, September 27, 2012 : 1:00 p.m. – 2:30 p.m.

LA County Fire Department Headquarters

1320 N. Eastern Ave., Training Room 26, Los Angeles, CA 90063

Operations Official Voting Members Present:

Mehrdad Larijaniha, representative for City of Los Angeles ITA-CAO
Al Ruiz, representing Kevin Nida, for the City of Los Angeles Fire Department
Greg Doyle, representing Regina Scott, for the City of Los Angeles Police Department
Ron Wong, representative for the County of Los Angeles ISD
Mark Bennett, representative for County of Los Angeles Fire Department
Scott Edson, Chair, representative for County of Los Angeles Sheriff's Department
Paul Cooper, Vice Chair, representative for Los Angeles County Police Chiefs Association
Mark Matsuda, representative for the Torrance Police Department, At Large Seat #1
Milt McKinnon, representative for the Culver City Police Department, At Large Seat #2
Dave Keetle, representative for the Pomona Police Department, At Large #3
Paul Villalobos, representative for the Monterey Park Police Department, At Large Seat #4

Operations Official Voting Members Absent:

Kevin Nida, representative for the City of Los Angeles Fire Department
Regina Scott, representative for the City of Los Angeles Police Department
June Gibson, representative for the City of Los Angeles, Chief Legislative Analyst
Cathy Chidester, representative for the City of Los Angeles EMS
Nancy Ramirez, representative for the LAUSD Police Department
Randy Allen, representative for the Long Beach Police Department
Scott Ferguson, representative for the Los Angeles Fire Chiefs Assoc.
Darrell George, representative for the California Contract Cities Assoc.



Technical Official Voting Members Present:

Mehrdad Larijaniha, representative for the City of Los Angeles ITA-CAO
Al Ruiz, representing Kevin Nida, Chair, for the City of Los Angeles Fire Department
Tri Nguyen, representative for the City of Los Angeles Police Department
Ron Wong, representative for the County of Los Angeles ISD
Scott England, representative for the Los Angeles County Fire Department
Mark S. Wilkins, Secretary, representative for the Los Angeles Sheriff's Department
Jose Betance, representative for the Los Angeles County Department of Health Services
Rick Beck, representative for the Los Angeles Unified School District
John Black, Vice Chair, representative for the City of Long Beach
Steven Page, representative for the Los Angeles Area Fire Chiefs Association
Ernest Gallo, representative for the City of Torrance, At Large Seat #1
William Heins, representative for the California Contract Cities Association, At Large Seat #2
Elliot Kase, representative for the City of Alhambra Police Department, At Large Seat #4

Technical Official Voting Members Absent:

Kevin Nida, Chair, for the City of Los Angeles Fire Department
June Gibson, representative for the City of Los Angeles, Chief Legislative Analyst
Steve Hronek, representative for the Los Angeles County Police Chiefs Association
Phil Wagner, representative for the California Contracted Cities Association
Jim Floyd, representative for the City of Burbank, At Large Seat #3

Others:

Pat Mallon, LA-RICS Executive Director, present
Skip Funk, Jacobs Engineering Team



1. CALL TO ORDER
2. ANNOUNCE QUORUM – Operations Chair Captain Scott Edson and Technical Vice Chair John Black called attendance.
3. APPROVAL OF the September 4, 2012, Joint Committee Meeting (Operations & Technical) Minutes

Motion to Amend Minutes

Attendance was correct, no need to amend. **MOTION APPROVED**

4. REPORTS – None
5. DISCUSSION ITEMS

5.1 Inclusion of secondary responders on the LA-RICS network.

Captain Edson stated that previous LA-RICS JPA meetings minutes do not appear to acknowledge that the LA-RICS solution would support the secondary responders. He believes the RFP should include a capacity that will support secondary responders, and that the JPA should acknowledge the LA-RICS solution is in fact for first and secondary responders.

Executive Director Pat Mallon was asked what defined secondary responders. He suggests all municipal resources can be brought into the picture. He also stated there are 17,000 for secondary responders and 34,000 for first responders.

Concerns arose regarding spectrum and secondary responders. A few of the Committee Members expressed that if there was a major incident, the understanding was that LA-RICS would provide most amount of coverage to the first responders at that time. They questioned that if that would negatively affect the secondary responders and not be able to provide coverage as anticipated. The original concept was that second responders would be on a different system, so they would not be using the resources from LA-RICS.

Executive Director Mallon stated the majority of the current secondary responders will be on the T-Band system. Within the hybrid digital trunk system, T-Band can support secondary responders. Those that are not within the T-Band and those that will be migrating off the T-Band into the 700/800 MHz will have two systems available within LA County: 1) the LA City STRS; and 2) the LA County CWRS. Those resources can be used to support secondary responders in T-Band, as well as longer term.



Committee Member Mehrdad Larijaniha, LA City Sr. Engineer, stated that rather than having solutions proposed it would be prudent for LA-RICS to allow the industry to recommend the solutions. The industry can assess what is needed by knowing the intent and design that needs to be accommodated into one platform. Based on what resources there are, they can recommend the solutions based on the frequencies that are available. If there are no potential frequencies available to public safety or even the secondary users, then they can offer additional frequencies that can be procured if needed.

Committee Member Dave Keetle reiterated the project should ask for the ideal system with everything on it before running solutions and alternatives if it does not work. Present the ideal system, have everyone work on it, and then give it to the industry so they have an opportunity to decide if it will work or not work, then go to the alternative radio system.

Captain Edson made a motion that both committees recommend to the JPA Board they support the inclusion of secondary responders, as defined as municipal resources, on the LA-RICS network. **MOTION APPROVED.**

5.2 Operational needs/requirements of analog channels.

Captain Edson stated that all previous RFP's have included the need for analog conventional channels.

Executive Director Mallon stated that LA-RICS sent out a questionnaire asking for municipalities to indicate what their ACSV requirements would be. There is a wide variation in perception as to what the LA-RICS system will provide. Many of the cities that are currently operating on the UHF system gave different channels which they are currently utilizing for their operation, municipal dispatch, as well as talk-around. In many cases what each city needs in the way of analog channels or system, is the same number they currently have. In only one case did they request more analog channels than they currently had, and that is in addition to the digital trunk-system. There seems to be sufficient spectrum within the county and maybe even within the state to provide that. What LA-RICS suggests to the Technical Committee is that the county be divided into three to five sections and offer a pool of analog channels to the municipal agencies for use at five channels per area, and if we exceed the requirement for that because of some special operation, we have to fall back to the LARTC system. It was stated that one channel per independent city would suffice, with the exception of Long Beach and Los Angeles, which would need some additional channels due to the size of the operation.

Captain Edson stated the digital trunked-system has an "X" number of channels and each city has their dedicated trunk, and if they have a tactical need there are digital



trunked system channels available for that need. Therefore, the analog channels are in addition to those channels on the digital trunked system.

The Operation Committee will have to address some kind of agreement between all of the users as to the definition of what those analog channels are for, in order to avoid having some agencies using them for their daily operations.

Executive Director Mallon stated that right now LA-RICS is looking at five for each. There is no formal commitment on spectrum at this point, therefore, as members commit as a subscriber to the system.

Captain Edson stated that LA-RICS is looking at the minimum requirements and the ability to expand as additional requirements arise.

Executive Director Mallon provided an RFP schedule:

- October 4, 2012 – Go before the JPA and ask them for their authorization to the release the RFP once it is reviewed.

- October 9 – 11, 2012 – Documents will be available for the working group review by section. Review dates are as follows:
 - October 9, 2012 – Appendix Z and K
 - October 10, 2012 – Appendix N and base document
 - October 11, 2012 – Appendix E and K (further)

- October 17 and 18, 2012 – JPA Board Members to review the final documents

- October 24, 2012 – final RFP should be released.

6. ACTION ITEMS – None

7. PUBLIC COMMENT – None

8. ADJOURNMENT AND NEXT MEETING:

Date and Location: TBD



LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

2525 Corporate Place, Suite 200
Monterey Park, California 91754
(323) 881-8291

PATRICK J. MALLON
EXECUTIVE DIRECTOR

March 4, 2014

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

Dear Members:

COMMITTEE RECOMMENDATION ON TECHNOLOGY AND OPERATIONAL OPTIONS

RECOMMENDED ACTIONS

It is recommended that the Committees:

1. Provide input regarding the Authority's option to procure Additive Alternate 1 – Home Subscriber Server, from the Public Safety Broadband Network (PSBN) proposed contract; and
2. Provide input regarding the Authority's option to procure Additive Alternate 2 – Redundant Evolved Packet Core from the PSBN proposed contract; and
3. Provide input regarding the Authority's option to procure Additive Alternate 3 – Location Services from the PSBN proposed contract;
4. Provide input regarding including Capital Replacement / System Refresh for the PSBN in the Draft Proposed Funding Plan; and
5. Awarding the PSBN Proposed Contract with Motorola Solutions, Inc.

BACKGROUND

On February 20, 2014, the LA-RICS Board of Directors requested input from the Technical and Operations Committees regarding PSBN uses, the status of the PSBN, and direction from the Committees as it relates to technology and operational options included in the Draft Proposed Funding Plan for the Long Term Evolution (LTE) portion of the LA-RICS System. In addition, at its February 26, 2014 meeting, the Finance Committee requested direction from the Technical and Operations Committees on the various options included in the Draft Proposed Funding Plan.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

Televate, the Authority's broadband engineering consultant, has prepared a presentation to address the technical and operations options identified above. Discussion and recommendations are requested from your committees, for each of the above-mentioned items, separately.

FISCAL IMPACT/FINANCING

There is no fiscal impact associated with your committee's recommendation to the Board.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

The Authority's counsel has reviewed the recommended actions.

AGREEMENTS/CONTRACTING

Not applicable.

Respectfully submitted,



PATRICK J. MALLON
EXECUTIVE DIRECTOR

PJM:soc

Attachment(s)

c: Counsel to the Authority