



# **AGENDA**

## **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 Head Quarters

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

**AGENDA POSTED: September 21, 2012**

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 4, 2012, Joint Committee Meeting (Operations & Technical) Minutes
4. REPORTS – None
5. DISCUSSION ITEMS
  - 5.1 Inclusion of secondary responders on the LA-RICS network.
  - 5.2 Operational needs/requirements of analog channels.
6. ACTION ITEMS – None
7. PUBLIC COMMENT –
8. ADJOURNMENT AND NEXT MEETING:

Date and Location: TBD



## TECHNICAL COMMITTEE MEETING INFORMATION

Members of the public are invited to address the LA-RICS TECHNICAL COMMITTEE on any item on the agenda prior to action by the TECHNICAL COMMITTEE on that specific item. Members of the public may also address the TECHNICAL COMMITTEE on any matter within the subject matter jurisdiction of the TECHNICAL COMMITTEE. The TECHNICAL 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 TECHNICAL 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 TECHNICAL COMMITTEE are urged to complete a Speaker Card and submit it to the TECHNICAL 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 TECHNICAL COMMITTEE Secretary prior to final consideration of the matter.

It is requested that individuals who require the services of a translator contact the TECHNICAL 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 24 HORAS POR ANTICIPADO.



# MINUTES

## LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

### JOINT COMMITTEE MEETING

(OPERATIONS • TECHNICAL)

Tuesday, September 4, 2012 : 10:00 a.m. – 11:30 a.m.

LA County Fire Department Headquarters

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

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#### **Operations Official Voting Members Present:**

**Paul Cooper**, Vice Chair, representative for Los Angeles County Police Chiefs Association  
**Randy Allen**, representative for the Long Beach Police Department  
**June Gibson**, representative for City of Los Angeles, Chief Legislative Analyst  
**Dave Keetle**, representative for the Pomona Police Department  
**Al Ruiz**, representing Kevin Nida, for the City of Los Angeles Fire Department  
**Mehrdad Larijaniha**, representative for City of Los Angeles ITA-CAO  
**Scott Edson**, Chair, representative for County of Los Angeles Sheriff's Department  
**Mark Matsuda**, representative for the Torrance Police Department, At Large Seat  
**Milt McKinnon**, representative for the Culver City Police Department, At Large Seat #2  
**Mark Bennett**, representative for County of Los Angeles Fire Department  
**Nancy Ramirez**, representative for LAUSD Police Department  
**Greg Doyle**, representing Regina Scott, for the City of Los Angeles Police Department  
**Paul Villalobos**, representative for the Monterey Park Police Department, At Large Seat  
**Ron Wong**, representative for the County of Los Angeles ISD

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#### **Operations Official Voting Members Absent:**

**Cathy Chidester**, City of Los Angeles EMS  
**Kevin Nida**, representative for the City of Los Angeles Fire Department  
**Darrell George**, representative for the California Contract Cities Assoc.  
**Regina Scott**, representative for the City of Los Angeles Police Department  
**Scott Ferguson**, representative for the Los Angeles Fire Chiefs Assoc.



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**Technical Official Voting Members Present:**

**Jose Betance**, representative for the Los Angeles County Department of Health Services  
**John Black**, Vice Chair, representative for the City of Long Beach  
**Steve Hronek**, representative for the Los Angeles County Police Chiefs Association  
**Jim Floyd**, representative for the City of Burbank, At Large Seat #3  
**Jerry Edwards**, representing Ernest Gallo, representative for the City of Torrance, At Large Seat #1  
**June Gibson**, representative for the City of Los Angeles, Chief Legislative Analyst  
**William Heins**, representative for the California Contract Cities Association, At Large Seat #2  
**Scott England**, representative for the Los Angeles County Fire Department  
**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  
**Steven Page**, representative for the Los Angeles Area Fire Chiefs Association  
**Ron Wong**, representative for the County of Los Angeles ISD  
**Mark S. Wilkins**, Secretary, representative for the Los Angeles Sheriff's Department

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**Technical Official Voting Members Absent:**

**Rick Beck**, representative for the Los Angeles Unified School District  
**Ernest Gallo**, representative for the City of Torrance, At Large Seat #1  
**Phil Wagner**, representative for the California Contracted Cities Association  
**Elliot Kase**, representative for the City of Alhambra Police Department, At Large Seat #4  
**Kevin Nida**, Chair, for the City of Los Angeles Fire Department

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**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 July 24, 2012, Joint Committee Meeting (Operations & Technical) Minutes

Motion to Amend Minutes

Technical Committee Member William Heins stated that his last name was misspelled throughout the minutes and asked for that to be corrected. **MOTION APPROVED**

4. REPORTS –

Skip Funk, Jacobs Engineering Team, went over a power point presentation handout “LMR RFP Rewrite Status Briefing (see attachment).

- a. RFP Working Group (page 2)
- b. RFP Working Group Members (page 3)
- c. RFP Working Group Activities to Date (page 4)
- d. Operational & Technical Concerns (page 5)
- e. Next Steps (page 6)

5. DISCUSSION ITEMS

- 5.1 Sufficient Available Spectrum for Hybrid System – No Discussion
- 5.2 Technical and Operation Concerns of a Hybrid System

Operations Chair Edson stated that there are still ongoing discussions and seem to have made a resolution to make use of what 700 MHz is available today.

Someone stated that Fire and police need analog channels, especially when it comes to structure penetration. Also, will there be an opportunity for law to have a sufficient number of analog channels. Skip Funk stated that there are requirements within the RFP that do address the requirement for an analog, but is not aware of the number of channels. A lot of that would depend on the vendor’s design as to what channels will be required. It was also mentioned that cities have secondary users, the bus, trash, transportation, all these people, is there some sort of mechanisms or something thought out with regards to the rest of the city’s services.

Mr. Funk stated that they have not moved nor provisioned for the move of secondary responders. They will stay on whatever they are currently on, e.g. T-Band now, 800 MHz. Sometime in the future if they want to migrate to 700 or get off the T-Band because T-Band is going away, they could be relocated.

Executive Director Pat Mallon stated that he would present these issues to the Board Members via email and ask the Authority for the specific frequency requirements that has not been previously communicated to them, which would be beneficial for their



renewal to ensure that they are contained in the RFP supplements. He also stated that they do have to discuss the need for, particularly on the T-Band frequencies, secondary responders capability, so they will be asking for verifications on the number of users, number of subscribers, that would be impose any kind of a load on the systems to address those needs.

Captain Edson stated that what the JPA asked of the Committees was after the Committees determined that the hybrid system was viable, would the Committees recommend that the Board makes a motion to move forward. The Operation and Technical Committees recommend that the Board moves forward with the hybrid system, is there any objections with the Operations Committee and the Tech Committee making that recommendation to the JPA on Thursday, if so there should be a discussion.

There was some concern and desire to discuss the spectrum availability. Captain Greg Doyle stated that the City of LA does intend on letting LA-RICS use 34 frequency pairs in the 700; they are finalizing the language. Contingent upon final designs, cost and functionality and the City of LA remaining in control of those frequency licenses, as stated in the JPA documents, the City of LA is almost ready.

Executive Director Mallon stated that he spoke with Mr. Fujioka on Friday who was very emphatic that LA-RICS go ahead and move forward because he is in the position to work with the County to get the required frequency at least to move forward.

Technical Committee Member Steve Page stated that the question comes down to how many pairs of frequencies are there: if there are 34 pairs of 700 from LA City and LA-RICS has about the same from the LA County, and may be some possibly from Long Beach – is there enough pairs? He questioned if there was enough land to build on to support the move in 10 years. Mr. Funk said yes and referenced the feasibility study.

Executive Director Mallon responded to someone in the meeting that the approach is still phased. He also stated that when LA-RICS rolls out they intend to have the capacity to support the secondary responders that are on a T-Band frequency. He believes that the vision of the public safety broadband system is to be able to support the first and secondary responders. The secondary responders will be able to access the public broadband net because they are part of the solution when something goes wrong. They will operate on a public safety broadband system just as first responder would; they would have access for critical voice communication on the 700 system.

He added that if LA-RICS keeps the T-Band, they plan to migrate the secondary responders onto the LA-RICS T-Band portion. There are two systems: 1) the County-wide radio systems for secondary responders that operate in 800 MHz, and 2) the LA City STRS system which operate in 800 MHz that would be able to support the secondary responders as well. This would require purchasing new equipment in 9 years, if the T-Band is lost.

Committee Member Keetle had a few things that are ruled out, for example capacity limitations and moving over a little bit at time, agencies at a time. Secondary



responders might be included with that that they get to continue operate where they are and eventually, maybe there is CWRS and STRS that it depends on use of the broadband that the broadband is something that can be rely upon for capacity. It takes a development of push to talk on broadband. Other than the technical issues, these issues should be sent along with the recommendation.

## 6. ACTION ITEMS

### 6.1 RECOMMENDATION:

The Operations and/or Technical Committee(s) recommend(s) that the Board moves forward with the hybrid system.

Captain Edson stated that with the commitment of LA County, LA City and Long Beach 700 channels, appropriate frequency balancing, appropriate phased approach, considerations for the secondary responders, all of which are already included in the RFP and keeping in mind this is going to be covered in the RFP and reviewed by the JPA, it is safe to say that the Committees can recommend moving forward with the hybrid approach.

Technical Committee Member Steven Page made a motion to recommend the JPA Board move forward with a hybrid system with the following provisions: frequency balancing, phased approach, secondary responder considerations, and frequency commitments as noted from LA City, LA County and Long Beach.

Captain Edson read the Operations Committee roster and had a unanimous vote of 13 in favor (four absent).

Technical Vice Chair Black read the Technical Committee roster and had a unanimous vote of 14 in favor (three absent).

**MOTION APPROVED**

## 7. PUBLIC COMMENT –

Greg Simay stated that he had a concern with the policy level. The hybrid system as he sees it has uncertainty as to whether it will retain the T-Band, which is not good news. Those agencies outside the T-Band can continue to remain outside, convert to the T-Band only to face the risk of having to leave the T-Band a short while later. On the other hand, if T-Band is retained past the deadline, the hybrid system can accommodate that. He assumes that the hybrid system can accommodate any independent systems, since it is? prepared to communicate with neighboring counties. Since the passing of H.R. 3630, the primary tradeoff is the need for more sites. On one hand you have agencies outside the T-Band, but the system as a whole will have to have more sites. There are a few issues: the communication between primary and secondary responders and noise levels within each site.

## 8. ADJOURNMENT AND NEXT MEETING:

Date and Location: TBD

# **LMR RFP Rewrite Status Briefing**

**September 4, 2012**



# RFP Working Group



- Working Group formed 9 Aug 12
- Purpose is to review all recommended changes to the RFP
- Membership totals 32 (next slide)
- Meets every Tuesday, Wednesday, Thursday 0800-1200
- All members are invited to every meeting and all receive review material and minutes for every meeting
- Material forwarded to all members 24 hours prior to meeting
- Meetings then comprise a line-by-line review of changes
- Meeting minutes are distributed to all members 24 hours after each meeting

# RFP Working Group Members



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|-----------------------|----------------------|
| 1 Esther Ishikawa     | 17 Paul Cooper       |
| 2 Chris Odenthal      | 18 Regina Scott      |
| 3 Gower Dana          | 19 Rhonda Johnson    |
| 4 Gregory Doyle       | 20 Richard Atwood    |
| 5 James Floyd         | 21 Ron Wong          |
| 6 John Black          | 22 Sarina Khaw       |
| 7 John Lenihan        | 23 Scott England     |
| 8 Jose Betance        | 24 Stephen Sotomayor |
| 9 Kevin Nida          | 25 Steve Hronek      |
| 10 Lina Mach-Leung    | 26 Steve Page        |
| 11 Mark Manning       | 27 Steve Weston      |
| 12 Mark Wilkins       | 28 Ted Pao           |
| 13 Mehrdad Larijaniha | 29 Tho Tran          |
| 14 Michael Dunning    | 30 Tim Phamle        |
| 15 Nader Haghghat     | 31 Tony Nanne        |
| 16 Nancy Yang         | 32 Tri Nguyen        |

## **RFP Working Group Activities to Date**

- Very good cooperation and inputs from all members
- Currently at ~50% completion
- Conducted 10 (3-4-hour) meetings and reviewed:
  - Appendix E (all sections)
  - Appendix F (all sections)
  - Appendix K (some Exhibits)
- Plan for 11 (4-hour) meetings remaining to review:
  - Appendix K (remainder of Exhibits)
  - Base document and Appendices A-M (excluding Appendix N)

# Operational & Technical Concerns

- Minimum 10 channels per site / 700-T-Band balancing – 700 MHz reuse with a few channels in reserve
- ANF coverage/capacity – coverage difficult for both T-Band and 700 MHz; potential for Forest Service sites
- Sites – LMR and LTE mix; modifications to site list due to CEQA legislation and LMR site surveys
- 14 Corridor – reserve capacity and potential site adds
- Impact on T-band specs with inclusion of 700 MHz – not significant, potential to enhance T-Band coverage due to added sites
- Contiguous system / County interfaces – P25 and non-P25 systems
- ACVRS – T-Band / 800 MHz & augment coverage
- Spectrum availability – ongoing discussions with City and County

## Next Steps

- Provide RFP status review for JPA Board on 6 Sep
- Provide consolidated comments to legal staff by 18 Sep
- Provide JPA Board members individual review of RFP by 26 Sep
- Complete review of all sections of the RFP by 27 Sep
- Conduct presentation for LA-RICS member agencies prior to 27 Sep
- Conduct presentation for Secondary Responders prior to 27 Sep
- Provide final briefing to JPA Board on 4 Oct