



# **AGENDA**

## **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 Head Quarters

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

**AGENDA POSTED: August 29, 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 July 24, 2012, Joint Committee Meeting (Operations & Technical) Minutes
4. REPORTS – Jacobs
  - a. RFP Rewrite Working Group Update
  - b. Major Operational Issues
  - c. Working Group Schedule
  - d. Commitment of 700 MHz Spectrum
5. DISCUSSION ITEMS
  - 5.1 Sufficient Available Spectrum for Hybrid System
  - 5.2 Technical and Operation Concerns of a Hybrid System
6. ACTION ITEMS
  - 6.1 RECOMMENDATION:

The Operations and/or Technical Committee(s) recommend(s) that the Board moves forward with the hybrid system.
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, July 24, 2012 : 9:00 a.m. – 10:30 a.m.

2525 Corporate Place, Suite 200, Large Conference Room, Monterey Park, California 91754

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

**Mark Bennett**, representative for County of Los Angeles Fire Department  
**Randy Allen**, representative for the Long Beach Police Department  
**Milt McKinnon**, representative for the Culver City Police Department, At Large Seat #  
**June Gibson**, representative for City of Los Angeles, Chief Legislative Analyst  
**Kevin Nida**, representing John Vidovich, 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  
**Ron Wong**, representative for the County of Los Angeles ISD  
**Regina Scott**, representative for the City of Los Angeles Police Department  
**Paul Villalobos**, representative for the Monterey Park Police Department, At Large Seat

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

**Cathy Chidster**, City of Los Angeles EMS  
**Paul Cooper**, Vice Chair, representative for Los Angeles County Police Chiefs Association  
**Darrell George**, representative for the California Contract Cities Assoc.  
**Dave Keetle**, representative for the Pomona Police Department  
**Nancy Ramirez**, representative for LAUSD Police Department  
**Scott Ferguson**, representative for the Los Angeles Fire Chiefs Assoc.



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**Technical Official Voting Members Present:**

**Rick Beck**, representative for the Los Angeles Unified School District  
**Jose Betance**, representative for the Los Angeles County Department of Health Services  
**Harold Jensen**, representing John Black, Vice Chair, 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  
**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  
**Elliot Kase**, representative for the City of Alhambra Police Department, At Large Seat #4  
**Mehrdad Larijaniha**, representative for the City of Los Angeles ITA-CAO  
**Kevin Nida**, Chair, for the City of Los Angeles Fire Department  
**PE 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  
**Alfred Ortega**, representing Mark S. Wilkins, Secretary, for the Los Angeles Sheriff's Department

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**Technical Official Voting Members Absent:**

**Phil Wagner**, representative for the California Contracted Cities Association  
**John Black**, Vice Chair, representative for the City of Long Beach  
**Mark S. Wilkins**, Secretary, representative for the Los Angeles Sheriff's Department

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**Others:**

Pat Mallon, LA-RICS Executive Director, present



1. CALL TO ORDER – Technical Committee Chair Kevin Nida called the meeting to order.
2. ANNOUNCE QUORUM – Roll Call for each committee by their respective Chair.
3. APPROVAL OF MINUTES - March 14, 2012 Joint Committee Meeting (Operations & Technical) MINUTES. **MOTION APPROVED**

Motion to Amend Minutes

Technical Committee Chair Nida stated that on page 3, section 6.1, second paragraph, to strike out 13, “Public safety may potentially lose TV channels ~~13~~, 14, 15, 16, and 20 in this particular region.”

**MOTION APPROVED**

4. REPORTS – None
5. OLD BUSINESS – None
6. NEW BUSINESS – DISCUSS

6.1 Acceptance of the 700 MHz/T-Band Feasibility Study

It is recommended that the Technical Committee and the Operations Committee individually:

- a. Accept the technical feasibility of a 700 MHz/T-Band Land Mobile Radio System and forward the Feasibility Report to the Joint Powers Authority Board of Directors.

Technical Committee Chair Nida introduced Skip Funk, Program Director for Jacobs Engineering, who presented the “LA-RICS LMR Hybrid Feasibility Study.”

Skip Funk stated that Jacobs is the Project Management Team for the LA-RICS Authority. He provided a power point presentation regarding a hybrid design and the details of the methodology and conclusions.

Jacobs clarified that their subcontractor, Federal Engineering provided expertise for network engineering.

Jacobs reviewed the Hybrid Study Presentation (see attached).

Technical Committee Chair Nida reviewed a brief history on T-Band (page 3).

Chief Nida stated that Executive Director Pat Mallon talked to the FCC about building a system on T-Band and that the FCC’s position was “build at your own risk.” Chief Nida presented the timeline that was put together by Jacobs (page 6).

Chief Nida referenced the Jacobs T-Band Cost Summary (page 7).



Rajit Jhaver stated that Jacobs had to determine how many users can feasibly be on the system based on the minimum of 700 MHz channels and T-Band channels (page 11).

Adam Nelson stated that he performed a lot of the coverage analysis for the hybrid system and reviewed the coverage maps slides (page 12 and 13).

Ric Martin explained that the number of frequencies mentioned was for Phase Two approach, but with the 10 channels per site, it was 10 channels not 10 talk paths.

Ric Martin reviewed the Hybrid System Advantages slides (page 16 - 17).

Chief Lenihan asked if the site location was different from narrowband data than LMR voice. Mr. Nelson stated that in some cases yes, in some cases there is an overlap.

Skip Funk reviewed the summary slide. He explained that eight weeks ago Jacobs was asked if it was feasible to deploy a Hybrid system of 700 MHz and T-Band with a minimum number of channels, and their conclusion was that it is feasible (page 20).

Technical Committee Chair Nida stated that at this time he will entertain the motion to accept the study.

Discussion arose over concern that some committee members were not able to meet with the Jacobs Team and had reservation to accept the report without really looking at the details or having enough time to discuss with their committees. Chief Nida clarified that the Board directed the Committees to review and that a motion was made to accept the report. As a point of order the Committee can accept the second or amend the motion. Executive Director Mallon clarified that the Board has not made any decision to issue a new RFP and that the committee should not assume that there will be new RFP; that is the Board's decision.

Committee Member Hiens stated that he understands that the T-Band is going to be vacated and that there is spectrum limitation with 700/800 MHz. Captain Edson interjected and stated that both committees must actively move forward and ensure that they get input on a regular basis. He stated that they could all agree that it is feasible and they can all agree that the Technical and Operations Committees need to be actively engaged and will need to actively participate in the drafting any new RFP.

Committee Member Mehrdad Larjaniha stated that they have the opportunity to collaborate with Jacobs Engineering Team and in reviewing all the information, from his standpoint it is feasible.

Committee Member Page asked if they could modify the motion to amend it so that they can accept the report but allow the two committees meet before it is passed under the governance for the Board of Directors. Chief Nida stated that it would be for the author of motion to accept your amendment.

Committee Member Gibson stated that her understanding of the instruction from the Board was that they wanted this concept to be considered by the committees and to have that concept presented back to them. She was not quite sure what exactly the amended



motion is intended to do. Executive Director Mallon stated that his intent was to take back whatever actions the two committees take to the Board. Executive Director Mallon stated that the question if LA-RICS considers the 700/T-Band hybrid system has to be taken back to the Board which would involve a number of working sessions with the Operations and Technical Committees. He explained that technically it was feasible, but whether it is operationally workable, that is the question that we still need to define. Whether it is operationally workable will need to be developed over a period of time with a number of working sessions.

Committee Member Hiens clarified that the amendment proposed by Steve Page just includes language that the Committee can make sure that we get answers to those questions.

Captain Edson stated that as an Operations Committee Chair what they are looking at is feasibility; as long as technology and operations requirements are met and as long as we can identify sufficient 700 spectrum.

Chief Nida stated that there was a motion and a second. Committee Member Gibson asked if she could hear the amended motion again.

Committee Member Page stated that amendment to the motion would include that the Technical and Operations Committees would accept the report and further study it before forwarding it to the Board of Directors. He explained that the Board is expecting the committee to accept this report and by virtue of saying we accept it, that it implies to them that it is good to go.

Committee Member Page stated that this study is not ready to be forwarded to the Board of Directors as a recommendation. There can be a vote on whether it should be accepted, but certainly more study needs to be done before a recommendation to the Board.

Chief Nida stated that at this point, the author of the motion (June Gibson) can either accept or decline your amendment.

June Gibson stated she liked Captain Edson's friendly amendment. It was suggested to add "conceptually" before feasible.

Captain Edson stated that he had no objection to amendment.

The new amendment motion was: Based on the Feasibility Report, yes it is conceptually feasible if technical and operational requirements are met to include sufficient 700 spectrums.

Chief Nida read roll call from the Technical Committee roster for a vote, 1 "NO" Vote and 15 "Yes" was read and all members present accepted the amendment except for Steven Page.

Captain Edson read the Operations Committee roster for a vote, motion approved.

**MOTION APPROVED - Based on the hybrid feasibility study by Jacobs, yes it is conceptually feasible, so long as technical & operational requirements are met, to include sufficient 700 spectrum.**



7. PUBLIC COMMENT – None

8. ADJOURNMENT AND NEXT MEETING:

Chief Nida and Captain Edson stated that there will be separate meetings for both committees on a monthly basis now.

Meeting adjourned.

Date and Location: Both Committees to meet on Tuesday, August 28, 2012.