AGENDA

**LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY**

OPERATIONS COMMITTEE MEETING

Tuesday, August 31, 2010   :   9:00 a.m. – 10:30 a.m.

2525 Corporate Place, Suite 200,   Monterey Park, California 91754

AGENDA POSTED: August 27, 2010

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 MINUTES – from the July 27, 2010, Operations Committee Meeting

4. REPORTS

    4.1 No reportable action

5. DIGITAL TRUNKED WATCH-OUT SITUATIONS – Kevin Nida

6. VOICE RADIO TECHNOLOGY OVERVIEW – Mike Thayer

    6.1 Trunking Radio Systems

7. PROCEDURES WORKING GROUP – John Lenihan

    7.1 Acknowledge Working Group

    7.2 DISCUSSION: User administration, fleet mapping, talk groups, frequency allocation,
    common language and code, regional mutual aid channels vs. local working channels and
    countywide mutual aid channels, channel planning and emergency trigger operations.

    7.3 Update on Scenario Development

       7.3.1 Operationally Focused Real Life Scenarios

       7.3.2 Recommend Use of These Scenarios

8. IDENTIFY ADDITIONAL WORKING GROUPS

9. DISCUSS AND PRIORITIZE NEW BUSINESS

10. PUBLIC COMMENT

11. ADJOURNMENT AND NEXT MEETING: The next meeting – TBD.

OPERATIONS COMMITTEE MEETING INFORMATION

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

It is requested that individuals who require the services of a translator contact the Operations 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**

OPERATIONS COMMITTEE MEETING

Tuesday, July 27, 2010 : 9:00 a.m. – 10:30 a.m.

2525 Corporate Place, Suite 200, Monterey Park, California 91754

Official Voting Members Present:

Scott Edson, Chair, representative for County of Los Angeles Sheriff's Department
Paul Cooper, Vice Chair, representative for Los Angeles County Police Chiefs Association
Jeffrey J. Craig, Secretary, representative for City of Long Beach
Andrew Fox, representative for City of Los Angeles Fire Department
Regina Scott, representative for City of Los Angeles Police Department
June Gibson, representative for City of Los Angeles, Chief Legislative Analyst
Mike Metro, representative for County of Los Angeles Fire Department
Cathy Chidester, representative for County of Los Angeles Department of Health Services
Nancy Ramirez, representative for LAUSD Police Department
Jeff Turner, representative for Los Angeles Area Fire Chiefs Association
Darrel George, representative for California Contract Cities Association
Mark Matsuda, representative for City of Torrance, At Large
Dave Keetle, representative for City of Pomona, At Large

Representatives For Official Voting Members Present:

Others Present:

Scott Poster, Task Force Leader
Wendy Quintero, Board Secretary

Official Voting Members Absent:

Representative for City of Los Angeles Administrative Office
Representative for County of Los Angeles Chief Executive Office
Representative for Culver City, At Large
Representative for City of Covina, At Large

1. CALL TO ORDER

   A meeting of the Los Angeles Regional Interoperable Communications System Operations Committee was called to order on July 27, 2010 at 9:00 a.m. by the Chair Scott Edson.

2. ANNOUNCE QUORUM – Roll Call

   Chair Scott Edson made an acknowledgement that a quorum was present without a formal roll call.

3. APPROVAL OF MINUTES

   Motions were made for approval of the minutes from the June 2, 2010, Operations Committee Meeting.

   MOTION APPROVED.

4. REPORTS

   4.1 No reportable action

   4.2 Status Update

   Scott Poster, Task Force Leader, gave a status update stating that August 4, 2010 is the deadline for the RFP proposals and that the Evaluation Team would begin the evaluation process on August 9, 2010. He stated that it is expected that in December 2010, a recommendation would be given to the Board on the vendor selection. He also stated that the budget would be presented to the Board of Supervisors on August 3rd and that the outcome would be reported to the Board of Directors at the August 5th Board meeting. He mentioned that Chief John Lenihan is working on the operations side for LA-RICS and has been working on scenarios, as well as building relationships and communication channels with the fire and police chiefs throughout the entire region to get everyone ready for the paradigm shift on interoperability. He stated that he would be giving an update on operations at the LA Area Operation Chiefs meeting on July 29th.

5. UPDATE SCENARIO DEVELOPMENT

   5.1 Operationally Focused Real Life Scenarios

5.2 Recommend Use of These Scenarios

6. DISCUSS AND PRIORITIZE NEW BUSINESS

Mike Thayer, LA-RICS Project Manager, made a clarification about the perception of LA-RICS in conjunction with existing systems. He stated that there are some entities that believe they will keep using their existing system and that the LA-RICS system would only be used for interoperability and not as a day to day use. He stated that the vision of LA-RICS is to replace the existing systems and set up "one region wide network". He stated that the system would be a service where each entity is a partner. He stated that LA-RICS is designed to take advantage of all the efficiencies of combining all the systems County wide. He reiterated that this message needs to be communicated to everyone in order to have an understanding of LA-RICS and that it would be one system.

He also mentioned that LA-RICS was granted a waiver by the FCC for Broadband technology. He stated that at the same time, LA-RICS was given an opportunity to apply for a grant, the Broadband Technology Opportunities Program. He stated that the program was initially intended to give broadband network out to rural communities in America. The grant program was opened up for 21 waiver recipients and LA-RICS had about a month to apply for this grant. The grant was submitted and $172 million dollars were requested to build out a region wide broadband network.

Chair Scott Edson reiterated that the RFP calls for a data network and that there is an option to build out a 700 MHz broadband network, in addition to the 10 MHz LA-RICS has.

Mike Thayer stated that the new system would be a 4th generation technology, which is a big leap in the amount of data that could be transmitted. He clarified that anyone that is using commercial services today is on a 3rd generation technology.

Chair Scott Edson stated that a timeline is needed to plan for the impact to operations. He would like to identify the areas that are important to the Operations Committee in order to focus its efforts on the final solutions. He stated that there are some important issues to

discuss which are: (1) User Administration, (2) Frequency Allocation, and (3) Common Language and Radio Codes.

- **User Administration:**

    It was stated that there needs to be some user administration and that some portion could be handled by a vendor where policies and procedures are set. This would depend on the final award with the vendor.

- **Frequency Allocation:**

    It was reiterated that old systems would be replaced with new systems, which will include various assets. Regular business needs for each agency must be identified, along with the amount of working frequencies and tactical frequencies.

- **Common Language and Radio Codes:**

    Different agencies use different radio codes and some codes will need to be developed or adapted.

Mike Thayer stated that fleet mapping and talk group plans are other issues that need to be discussed. He suggested that the committee should develop a region wide fleet map talk group plan. He explained that the new system would use a trunked system, which is based on telephone technology and principles. He clarified that every radio site is going to have a certain number of channels and that none are dedicated to a specific user, when one uses the radio the system dynamically assigns a channel for the call. He stated that under that system, it knows when it is in use and it sends a digital identification into the system controller, which knows who one is and who one expects to talk too based upon the position the radio has selected. He explained that in the new world, these are referred to as talk groups instead of channels. The talk group is a virtual channel that is created dynamically by the system and could have 800 talk groups or more. Channels are assigned to each talk group as they are needed, then released to be used by others as resources are needed. He stated that each agency needs to decide how many talk groups they will need. He suggested a trunking seminar for the Committee to better understand the concept.

Vice Chair Paul Cooper asked how LA-RICS planned to deal with entities that would not initially join because of the cost of infrastructure.

Mike Thayer clarified that it would depend on the vendor proposals and the different frequency solutions based on the different system designs. He recommended that in a situation as that to minimize the use of external resources, leverage channel 15, and use all the channels in the city and the county, whom are going to be part of the system, then as entities join the capacities of the system are enhanced.

Paul Cooper asked if there was information on the infrastructure of entities and the channels they have, which could be a starting point to plan the talk group allocation.

Mike Thayer clarified that the information is available. He also stated that if entities want as many talk groups as channels they possess, then it would be an easy transition from one system to the other.

Scott Edson stated that in regards to the certain number of channels per site under the trunk system, the solution would be to build out more channels per site depending on the area because of the traffic there might be there. He also stated that capabilities are important because an agency might not have enough capabilities and then the issue of priority traffic vs. emergency traffic comes to play. He reiterated that these were operational issues to discuss.

Mike Thayer discussed the different features and programming capabilities of trunking. He stated that one way a radio can be programmed is that when one presses the emergency button they will go to the top of the queue which means that they become first in the queue and as a channel is released they immediately obtain it. Another way a radio can be programmed is called Ruthless Preemption, which means that when one presses the button someone else is dropped off to obtain a channel, but the downside is that someone may be dropped off who may have critical traffic as well. He stated that these were all operational decisions and that they need to be understood when programming radios in order to make an informed decision.

Scott Edson stated that there will be a trunking seminar at the next Operations Committee meeting. He also stated that there will be further discussion on the issues discussed at the meeting which include user administration, fleet mapping, talk group plans, frequency

allocations, common language and codes, regional mutual aid channels vs. local working channels and countywide mutual aid channels, channel planning and emergency trigger operations. He stated that once some issues are discussed an Ad Hoc Group would be formed, who will then make recommendations to the Operations Committee.

7. PUBLIC COMMENT

8. ADJOURNMENT AND NEXT MEETING: The next meeting, Tuesday August 31, 2010, at 9:00 a.m. in the LA-RICS Office Conference Room.