



AGENDA

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

LEGISLATIVE COMMITTEE MEETING

Wednesday, August 19, 2015 • 1:00 p.m.

County of Los Angeles Fire Department Headquarters,
Training Room 26
1320 North Eastern Avenue, Los Angeles, CA 90063

Los Angeles Regional Interoperable Communications System Authority (the "Authority")

AGENDA POSTED: August 14, 2015

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 100, Monterey Park, CA 91754 during normal business hours and may also be accessible on the Authority's website at <http://www.la-rics.org>.

Members:

1. **Patricia Whelan**, City of Los Angeles Mayor's Office
2. **June Gibson**, Fire Chief, City of Los Angeles Fire Dept.
3. **Robert Davis**, Lieutenant, City of Los Angeles Police Dept.
4. **Joshua Drake**, Sec., Chief Legislative Analyst, City of Los Angeles
5. **Olyvia Rodriguez**, Vice Chair, CEO, County of Los Angeles
6. **Daryl L. Osby**, Chair, Fire Chief, County of Los Angeles Fire Dept.
7. **Sven Crongeyer**, Sergeant, County of Los Angeles Sheriff's Dept.
8. **Gerardo Pinedo**, Executive Manager, County of Los Angeles DHS
9. **Jose Santome**, Deputy Chief, LA School Police Dept.
10. **Bill Walker**, Fire Chief, City of Alhambra Fire Dept.
11. **Mitch Tavera**, Police Chief, City of El Segundo.
12. **Vacant**, At Large Seat
13. **Vacant**, At Large Seat
14. **Vacant**, At Large Seat

Alternates:

Ed Roes, City of Los Angeles, City Administrative Office
Drew Steinberg, Director, City of Los Angeles Mayor's Office
Daniel Gomez, City of Los Angeles Police Dept.
Cheryl Banares, Chief Legislative Analyst, City of Los Angeles
Vacant
Chris Bundesen, Asst., Fire Chief, County of Los Angeles Fire Dept.
Alex Radovic, Lieutenant, County of Los Angeles Sheriff's Dept.
Connie Salgado, County of Los Angeles DHS
George Sandoval, LA School Police Dept.
Chris Donovan, Fire Chief, City of Monrovia Fire Dept.
Lili Hadsell, Chief, City of El Segundo
Vacant
Vacant
Vacant

Officers:

Patrick Mallon, Executive Director



NOTE: ACTION MAY BE TAKEN ON ANY ITEM IDENTIFIED ON THE AGENDA

I. CALL TO ORDER

II. ANNOUNCE QUORUM – Roll Call

III. APPROVAL OF MINUTES (A-B)

A. March 12, 2014 – Special Meeting Minutes

Agenda Item A

B. March 18, 2015 – Regular Meeting Minutes

Agenda Item B

IV. NEW BUSINESS

V. ACTION ITEM (C)

C. Draft Memorandum of Understanding (MOU) Between ICIS and LA-RICS

Agenda Item C.1 - Draft MOU

Agenda Item C.2 – Draft MOU including ICIS' proposed edits

VI. ADMINISTRATIVE MATTERS (None)

VII. MISCELLANEOUS – (None)

VIII. PUBLIC COMMENTS – (None)

IX. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE BOARD – (None)

X. ADJOURNMENT and NEXT MEETING:

Tentatively scheduled for Wednesday, September 16, 2015, at 1:00 p.m., at the County of Los Angeles Fire Department Headquarters.



BOARD MEETING INFORMATION

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

It is requested that individuals who require the services of a translator contact the Board 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.



MEETING MINUTES

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

SPECIAL LEGISLATIVE COMMITTEE MEETING

Wednesday, March 12, 2014 • 10:00 a.m.

LA County Fire Department Headquarters, Training Room 25
1320 N. Eastern Ave., Los Angeles, CA 90063

Official Voting Members Present:

Stephen Sotomayor, representative for the City of Los Angeles CAO
Joshua Drake, representative for the City of Los Angeles Legislative Analyst Office
Daryl Osby, Chair, representative for the County of Los Angeles Fire Department
Olyvia Rodriguez, representative for the County of Los Angeles Chief Executive Office
Bill Walker, representative for the Los Angeles Area Fire Chiefs Association
Richard Shigaki, representative for the City of Torrance, At Large Seat #1

Representatives For Official Voting Members Present:

Sven Crongeyer, representing Mark S. Wilkins, for the Los Angeles County Sheriff's Department
Rowena Magana, representing Gerardo Pinedo, for the County of Los Angeles DHS
George Sandoval, representing Nancy Ramirez, for the Los Angeles School Police Department

Official Voting Members Absent:

June Gibson, representative for the City of Los Angeles Fire Department
Greg Doyle, representative for the City of Los Angeles Police Department
Mark S. Wilkins, representative for the Los Angeles County Sheriff's Department
Gerardo Pinedo, representative for the County of Los Angeles DHS
Vacant, representative for the City of Long Beach
Nancy Ramirez, representative for the Los Angeles School Police Department
Mark Alexander, representative for the California Contract Cities Association
Scott Pickwith, representative for the City of Culver City, At Large Seat #2
Mitch Tavera, representative for the Los Angeles County Police Chiefs Association
Greg Simay, representative for the City of Burbank, At Large Seat #3
Vacant, representative for the City of Pasadena, At Large Seat #4

AGENDA ITEM A



- I. CALL TO ORDER
- II. ANNOUNCE QUORUM – Roll Call taken by Committee Chair Chief Daryl Osby; quorum reached.
- III. APPROVAL OF MINUTES –
 1. January 22, 2014, LA-RICS Legislative Committee Meeting Minutes.

Committee Member Richard Shigaki called the 1st motion and Alternate Committee Member George Sandoval called the 2nd. **MOTION APPROVED.**

- IV. NEW BUSINESS –
 2. Discussion Item: Federal and State Legislative Update

Vice Chair Rodriguez provided the following updates:

Federal

- The President released his budget request for FY2015
 - UASI and SHSGP grant funding - similar to last year the Administration is proposing the consolidation of Homeland Security Grant Programs into one national preparedness grant program. Congress did not approve it last year, which is in the best of interest LA-RICS, but it is on the table again. 2014 is an election year, and there is a short timeline to get through a lot of funding requests. Therefore, most likely there will be a Continuing Resolution (funds programs within a certain time period) enacted by September 2015.

State

- The State Legislature reconvened on January 6, 2014, and they are moving forward on a number of budget items and bills.
- The bill introduction deadline was February 21, 2014.

3. Discussion/Action Item: Draft Recommendations for 2014 LA-RICS Legislative Priorities

Chief Osby stated that in past meetings the Committee discussed objectives and goals for the calendar year (see handout Draft Recommendations for 2014 LA-RICS Legislative Priorities) that will be presented to the JPA at their next meeting on April 3, 2014.

- Funding
 - 1) **Continue to support increased funding for critical Federal grants for the LA-RICS Project through the Urban Areas Security Initiative (UASI) and the State Homeland Security Grant Programs (SHSGP).**

Chief Osby stated that now that there is a selected vendor, support the Finance Committee funding streams and costs.

Executive Director Pat Mallon stated that the UASI Authority entertained the 2014 requests for funding. The challenge with the UASI grant is that there is a



one year grant performance period and the LA-RICS project is lengthy (about 8-9 grant years). There is a notable \$120 million dollar gap in the funding of the infrastructure and also there is a significant number of LA-RICS Authority Members that have radio systems that are not compatible with the LA-RICS system that would be willing or interested to participate in LA-RICS with suitable equipment.

As it presently stands LA-RICS has to seek multiple years of funding to achieve requisite funding.

2) Pursue additional funding opportunities at the Federal and State level for the LA-RICS Project.

Chief Osby stated that as representatives of the individual agencies and entities, as each Committee Member meets with Federal, State, or local entities, everyone should be on the same page.

Executive Director Mallon stated that there should be an effort to get away from relying on year-to-year allocations of UASI/SHSGP to where there is a single/larger allocation what would allow LA-RICS to be built out under one grant for the remainder of the gap (whatever it may be), as well as to inquire about grant funds for some of the user equipment in order to make it feasible for some of the agencies to participate.

Executive Director Mallon recommended a one-time allocation to the LA region to support interoperable communications (with whatever funding sources available). Vice Chair suggested continuing to pursue additional grant opportunities through other sources.

Executive Director Mallon added that the California Congressional Delegation needs to support LA-RICS in seeking additional one-time grant funds to facilitate the completion of the interoperable communications in Los Angeles.

Vice Chair Rodriguez stated that Committee Member Greg Simay was not present at the meeting, but emailed his support of the Draft Recommendation and also commented, "If it becomes necessary for Congress to revisit the forced migration of the T-Band, we could consider recommending a delay in the deadline rather than an outright abolition."

3) Seek additional flexibility with milestones and timelines under various grants.

Chief Osby stated that LA-RICS should explore other funding opportunities other than UASI and SHSGP grant programs.

Vice Chair Rodriguez stated that it was important for the JPA Board to have the Legislative Recommendation in hand since members would be going back to Washington D.C. as early as the last week of April or early May 2014.



Executive Director Pat Mallon stated that:

- The UASI Authority entertained the 2014 requests for funding. The challenge with the UASI grant is that it is a one year grant.
- There is a need to complete an Environmental Impact Report on the LMR System.
- The Motorola Solutions contract for the Public Safety Broadband Network (LTE) was approved by the Board on March 6, 2014, and a Notice to Proceed was sent to Motorola. A kick-off meeting will take place today. The timeframe is extremely short and the system must be completed by August 15, 2015. BTOP funding is through the ARRA 2010 and is a 5 year appropriation. NTIA has informed that any extension will not be supported by the Department of Commerce.

The only recommendation that Executive Director Mallon had was to continue support and increase funding for critical Federal grants, including consideration of multiple year performance periods.

• T-Band and Spectrum Issues

- 1) **Continue to maintain the position communicated by LA-RICS in its comments submitted to the Federal Communication Commission (FCC) last May 2013 relating to the challenges with implementing the T-Band provisions required under H.R. 3630.**

Chief Osby stated that there are difficulties with this throughout the Country and LA-RICS is not the only one in this position. All that can be done is to continue to plant the seed.

- 2) **LA-RICS position paper to the FCC indicated that LA-RICS strongly supports efforts to allocate new spectrum resources for public safety to address the loss of the T-Band. If adequate spectrum resources should not be made available, LA-RICS respectfully requests that the Commission support Congress revisiting the forced migration of public safety from the T-Band.**

Executive Director Mallon stated that LA-RICS has applied for a waiver to the FCC to use additional 700 MHz reserve channels and were told that there would be an answer at the end of the year 2013. We are still waiting for a response. If LA-RICS does not receive access to these channels, it will be very difficult to satisfy public safety needs even with the addition of Public Safety Broadband System.

Chief Osby stated that once approval is received from the JPA the Committee, the Executive Director can work on specific speaking points in relation to what is approved.



Committee Member Richard Shigaki called the 1st motion and Alternate Committee Member Stephen Sotomayor called the 2nd. **MOTION APPROVED.**

4. Discussion/Action Item: List of Congressional Members & Agencies Having an Interest in LA-RICS Issues.

At the last Special JPA Meeting on February 20, 2014, Chair Bill Fujioka asked for a list of key players that the JPA could meet with in preparation for the upcoming Washington D.C. trip. Chief Osby went over Agenda Attachment 3, "Congressional Members and Agencies having an interest in LA-RICS Issues" and will present to the JPA at the next meeting on April 3, 2014.

Committee Member George Sandoval called the 1st motion and Alternate Committee Member called the 2nd. **MOTION APPROVED.**

5. Discussion Item: LA-RICS Legislative Committee Schedule for 2014

Chief Osby and Vice Chair Rodriguez asked if anyone had any suggestions for a new meeting date/time. Since there was quorum for this meeting, the issue will be on hold and the current meeting date/time will stand as is, 3rd Wednesday of the month at 1:00 p.m.

Chief Osby emphasized the need to fill vacancies in order to avoid not having a quorum in the future.

No Action taken.

V. PUBLIC COMMENT – None

VI. ADJOURNMENT AND NEXT MEETING

Chief Osby adjourned the meeting at 2:05 p.m.

The next meeting is scheduled for Wednesday, April 16, 2014, at 1:00 p.m., location to be determined.



MEETING MINUTES

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

LEGISLATIVE COMMITTEE MEETING

Wednesday, March 18, 2015 • 1:00 p.m.

LA County Fire Department Headquarters, Training Room 25

1320 N. Eastern Ave., Los Angeles, CA 90063

Official Voting Members Present:

Joshua Drake, Secretary, representative for the City of Los Angeles Legislative Analyst Office
Daryl Osby, Chair, representative for the County of Los Angeles Fire Department
Olyvia Rodriguez, Vice Chair, representative for the County of Los Angeles Chief Executive Office

Representatives For Official Voting Members Present:

Sven Crongeyer, representing Mark S. Wilkins, for the Los Angeles County Sheriff's Department
Rowena Magana, representing Gerardo Pinedo, for the County of Los Angeles DHS
Chris Bundesen, representing the County of Los Angeles Fire Department

Official Voting Members Absent:

Stephen Sotomayor, representative for the City of Los Angeles CAO
June Gibson, representative for the City of Los Angeles Fire Department
Greg Doyle, representative for the City of Los Angeles Police Department
Mark S. Wilkins, representative for the Los Angeles County Sheriff's Department
Gerardo Pinedo, representative for the County of Los Angeles DHS
Vacant, representative for the City of Long Beach
Nancy Ramirez, representative for the Los Angeles School Police Department
Mark Alexander, representative for the California Contract Cities Association
Richard Shigaki, representative for the City of Torrance, At Large Seat #1
Scott Pickwith, representative for the City of Culver City, At Large Seat #2
Bill Walker, representative for the Los Angeles Area Fire Chiefs Association
Mitch Tavera, representative for the Los Angeles County Police Chiefs Association
Greg Simay, representative for the City of Burbank, At Large Seat #3
Vacant, representative for the City of Pasadena, At Large Seat #4



- I. CALL TO ORDER
- II. ANNOUNCE QUORUM – Roll Call taken by Committee Chair Chief Daryl Osby; quorum was not reached.
- III. APPROVAL OF MINUTES –
 - 1. March 12, 2014, LA-RICS Legislative Committee Meeting Minutes.
- IV. NEW BUSINESS –
 - 2. Discussion Item: Federal and State Legislative Update

Vice Chair Rodriguez provided the following updates:

Federal and State Legislative update and Potential Recommendations

We'd like to provide a Federal and State Legislature/congressional update for this year, given this is our first meeting of the calendar year. The State legislature convened earlier this year in January, 2015. The Governor's budget was released, and there were bills introduced with the bill introduction deadline of February 27, 2015.

From our read so far, there have not been any state legislative proposals that directly impact the LA-RICS project. There are thousands of bills introduced at the State level, so there could be something of significance, as well as amendments that could be made, that we will track closely. On the State Legislative side the update is more informational. If you are a member of an association that is either with Public Safety or Health, we encourage you to bring any pertinent items to this committees' attention, for support or monitoring to determine if we will need to provide recommendations regarding specific items.

On the Federal side, there has been a lot of activity in Congress, and a lot of delays. Most recently, the funding that is critical to the LA-RICS project which is under the U.S. Department of Homeland Security, was approved for Fiscal Year 2015. Last year Congress passed an extension for that funding. However, that appropriations bill was tied up with an amendment that was included with the President's executive order on immigration, and ultimately passed. The funding didn't lapse, however, we need to continue to monitor and closely track the funding for Fiscal Year 2016, in particular UASI and SHSGP funding sources. We haven't heard of any cuts to those programs, however, at this point they have been level funded. Should there be any proposals to reduce those grant programs, whether in the house or the senate, Vice Chair Rodriguez recommended the need to monitor closely because of how the project relies on those two grants.

Vice Chair Rodriguez further stated another item on the Federal side that she wanted to flag, was that Congress may consider telecom reform legislation. There is no Bill at this point. However, there could be something forthcoming; with committee jurisdiction both in the house and the Senate, looking at crafting telecom reform legislation that potentially could be the vehicle for any clean up language relating to HR 3630, specifically relating to issues relating to the T-Band. LA-RICS has taken many steps,



more than other jurisdictions to comply with the Federal requirements of HR 3630, with the hybrid approach to migrate from the T-Band to the 700Mhz spectrum. Other jurisdictions are not taking action at this point, awaiting federal resources to do so, with available spectrum. Vice Chair Rodriguez' understanding is that LA-RICS requires funding and spectrum to continue compliance with the law. We have a platform that we adopted last year, which was approved by the Board, and we are not looking to rewrite this platform, but instead identify sections we want to focus on recommending moving forward. Should there be an opportunity to weigh in on this issue, we should be ready with our position.

Mr. Joshua Drake asked a question regarding comments submitted to FCC in May 2013, with comments due back within 60 days.

Administrative Deputy Orellana-Curtiss stated that the Authority did not receive a response to our comments. Ms. Orellana-Curtiss stated staff reached out via phone, email and letters requesting a response, but none was received. Communications with the FCC continue.

Vice Chair Rodriguez stated no guidelines have been issued to LA-RICS. That becomes a pending item which is something the committee will continue to track. The migration from the T-band to the 700 Spectrum needs to be completed by 2021.

Mr. Mehrdad Larijaniha asked if there is a bill to auction off the T-Band, including our designated portion of the T-Band. Perhaps pose a request to Congress to give us a portion of the auctioned money that they are going to receive in advance prior to vacating, so we can use that money for migration. Mr. Larijaniha stated per auction results since the law passed in 2012, auctions have reached upwards of \$40 billion in revenue, and thus it would appear HR 3630 is here and is here to stay. LA-RICS is the only metro area in the country building a system that will be ready for the vacate. The other areas appear to be waiting for the deadline to approach to act.

Mr. Chris Odenthal (Jacobs Project Management) stated that since HR 3630 contains a provision to migrate people to a new spectrum and payment of that spectrum, the issue that we would want the Legislative side to look at is the acceleration of that payment in lieu of acceleration of that vacate because LA-RICS is going to be in a position to vacate T-Band certainly by 2021 because of the implementation of a hybrid 700 MHz system.

Sergeant Sven Crongeyer stated that it's not money that is required, it's more spectrum needed to make it work.

Mr. Odenthal, stated more of 700 is what we're migrating to is not the answer for what we are losing on T-Band. What the city and county would bring from 700 (FCC) 800 does not supply the frequency necessary for a different sub-system other than the trunk system.

Mr. Odenthal recommended, not asking for 700 spectrum additional flexibility for outside of the 700. He further stated the goal should be to secure 700 spectrum, available spectrum, and other additional spectrum from the T-Band for the region.



Vice Chair Rodriguez stated that one item is to have Pat's recommendation on this discussion item before making an official recommendation. The Committee wants to know the pros and cons before making that recommendation to the JPA Board.

Mr. Larijaniha recommended securing the necessary T-Band as opposed to requesting an extension.

Mr. Odenthal stated that if we had other spectrum available more cities would be willing to opt-in the program.

Vice Chair Rodriguez stated that it's important to look out for any issues that the committee may need to bring to the attention of the JPA Board.

Ms. Orellana-Curtiss stated the performance period structure of LMR grants is problematic, a 12 month period, with subrecipient agreements typically being executed several months later, limiting the award period to several months to spend millions of dollars on a very complex project involving environmental clearances and construction of sites on sensitive/federal sites. Ms. Orellana-Curtiss suggests that we discuss with the JPA Board and Federal government and FEMA to allocate funding over several years directly to LA-RICS to allow for spending funds on an interoperable/regional system of this magnitude.

Vice Chair Rodriguez stated the recommendation could be made to the JPA Board, requesting flexibly in the awards to the LA-RICS project. The grants are not meant for this kind of project/LA-RICS. One allocated source would serve better vs. annual grant funding.

Vice Chair Rodriguez stated that there are 5 vacancies in the legislative committee and it will be very difficult to meet quorum.

Ms. Orellana-Curtis stated that the Authority is working with the JPA Board to assign members and alternates to this committee, similar with Finance.

V. PUBLIC COMMENT – None

VI. ADJOURNMENT AND NEXT MEETING

Vice Chair Rodriguez adjourned the meeting at 1:53 p.m.

The next meeting is scheduled for Wednesday, August 19, 2015 at 1:00 p.m., location to be determined.

MEMORANDUM OF UNDERSTANDING BETWEEN LA-RICS AND ICIS

1. This Memorandum of Understanding (MoU) is entered into by the Joint Powers Authority (JPA) for the Los Angeles Regional Interoperable Communications System (LA-RICS) and the JPA for the Interagency Communications Interoperability System (ICIS) in order to further the goal of achieving Land Mobile Radio (LMR) interoperability for all first responder agencies operating in the County of Los Angeles.
2. The overall LMR goal for both LA-RICS and ICIS is that radios used by first responders in Los Angeles County (the County) should work and be able to communicate, as needed, on a channel or frequency, with any and all other first responders operating in the County, without patches or other cumbersome workarounds.
3. The consequences of not achieving LMR interoperability will be profound, especially during and following a large-scale disaster or terrorist attack within the County. Interoperability will likely save lives. It will also facilitate mutual aid requests and response to law enforcement and fire emergencies that cannot be handled by and/or go beyond the capacity of one jurisdiction or which implicate multiple jurisdictions within the County.
4. LA-RICS has contracted for and is in the process of building a county-wide LMR interoperable system.
5. ICIS was formed in 2003 to govern the development of an LMR interoperable system within Los Angeles County for member and subscribing agencies.
6. The LA-RICS LMR system will be based on the installation of communication facilities at new and existing monopole and lattice tower and roof top sites throughout the County.
7. The ICIS LMR system is a system of systems. It links existing LMR systems in the member cities of ICIS by trunking repeater towers owned and maintained by member cities and linking them to a Central Switch or Master Site located in Glendale.
8. Limited funding is available to achieve the region's goal of interoperability. To be effective, efficient, and responsible with the funding available, it is necessary to

maximize uses of existing infrastructure and the uses of the infrastructure that is planned to be built.

9. It is in the best interests of both LA-RICS and ICIS to achieve an overarching LMR system that enables first responders in the County immediately to communicate via radio, as and when needed and pursuant to appropriate protocols, on a dedicated channel or frequency, with radios being used by any and all other first responders in the County, without patches or work arounds.
10. Therefore, both LA-RICS and ICIS, through their respective governing boards, mutually agree to the following:
 - a. The goal of achieving an overarching LMR system will be achieved by adopting a “system of system” (SoS) approach. A SoS will build on existing P-25 compliant systems and avoids unnecessary duplication of repeater towers and central switches. Under a SoS, cities and entities with existing systems will continue to own, control and maintain them and will make them available to all other members and participants as part of the larger County-wide interoperable system.
 - b. As part of the SoS approach, ICIS and LA-RICS, as soon as the latter becomes operational, will be integrated or linked to create interoperability.
 - c. This MoU may be amended as needed to include any cities and entities desiring to integrate or link their systems as part of the SoS approach.
 - d. A joint technical committee of LA-RICS and ICIS will be formed immediately, but no later than thirty (30) days hereof, and tasked to study and determine the best technical design to accomplish an integration of the two systems to create interoperability across the County. The joint technical committee will be selected by the JPA Chair, on behalf of LA-RICS, and by the Executive Director of ICIS, on behalf of ICIS. Each will select up to three (3) technical representatives.
 - e. Because a significant portion of the region’s interoperability effort is being funded through the Urban Area Security Initiative (UASI) grants, the technical committee will be chaired by a designee of the UASI Approval Authority. At this time, the Approval Authority’s designee is the Honorable Robert C. Bonner. Should for any reason Judge Bonner not be able to

fulfill these responsibilities, the Approval Authority shall designate an alternate.

- f. The joint technical committee shall involve the LA-RICS contractor, Motorola Solutions, in their discussions, as needed to define the process and timeline for integration. Judge Bonner (or the Approval Authority's designee) shall provide written updates regarding the progress of the joint technical committee to the Approval Authority.
- g. The joint technical committee will develop a report containing its recommended integration plan. The plan shall include a timeline that jointly identifies and prioritizes recommended design, equipment, and installation needs. The joint technical committee shall provide their report and recommendation to the JPA boards of LA-RICS and ICIS within 90 days of the effective date of this MOU. Judge Bonner shall approve the recommended integration plan and present it to the Approval Authority.

This memorandum of understanding is effective on _____, 2015.

THE LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS
SYSTEM AUTHORITY

THE INTERAGENCY
COMMUNICATIONS
INTEROPERABILITY SYSTEM

A California Joint Powers Authority

A California Joint Powers Authority

By: _____
Print Name:
Its:

By: _____
Print Name:
Title:

MEMORANDUM OF UNDERSTANDING BETWEEN LA-RICS AND ICIS

1. This Memorandum of Understanding (MoU) is entered into by the Joint Powers Authority (JPA) for the Los Angeles Regional Interoperable Communications System (LA-RICS) and the JPA for the Interagency Communications Interoperability System (ICIS) in order to further the goal of achieving Land Mobile Radio (LMR) interoperability for all public safety first responder agencies operating in the County of Los Angeles.
2. The overall LMR goal for both LA-RICS and ICIS is that radios used by first and second responders in Los Angeles County (the County) should work and be able to communicate, as needed, on a channel or frequency or talk groups, with any and all other first and second responders operating in the County, without patches or other cumbersome workarounds.
3. The consequences of not achieving LMR interoperability will be profound, especially during and following a large-scale disaster or terrorist attack within the County. Interoperability will likely save lives. It will also facilitate mutual aid requests and response to law enforcement and fire emergencies that cannot be handled by and/or go beyond the capacity of one jurisdiction or which implicate multiple jurisdictions within the County.
4. LA-RICS has contracted for and is in the process of building a county-wide LMR interoperable system.
5. ICIS was formed in 2003 and is an existing County-wide operating system to govern the development of an LMR interoperable system within Los Angeles County for member and subscribing agencies. ICIS has been fully operational since 2004 and is an existing single-platform Project 25 digital trunked LMR system operating throughout the county in support of thirty-seven public safety agencies and twenty three 9-1-1/Dispatch Centers. ICIS members - and cities actively migrating to ICIS membership - are optimizing existing interoperable system cells, and replacing non-interoperable system sites, through the installation of upgraded communications equipment at existing towers and rooftop locations.
6. The LA-RICS LMR system will be based on the installation of communication facilities at new and existing monopole and lattice tower and roof top sites throughout the County.

7. The ICIS LMR system is a system of like systems. It links existing LMR systems in the member cities of ICIS by trunking repeater towers owned and maintained by member cities and linking them to a Central Switch or Master Site located in Glendale. Each member maintains its own system cell on a platform that is standardized to the ICIS system and employs the same technologies.
8. Limited funding is available to achieve the region's goal of interoperability. To be effective, efficient, and responsible with the funding available, it is necessary to maximize uses of existing infrastructure and the uses of the infrastructure that is planned to be built.
9. It is in the best interests of both LA-RICS and ICIS to achieve an overarching LMR system that enables first responders in the County immediately to communicate via radio, as and when needed and pursuant to appropriate protocols, on a dedicated channel or frequency or talk group, with radios being used by any and all other first responders in the County, without patches or workarounds~~work-arounds~~.

10. The purpose of this joint system access agreement is to establish interoperability for purposes of essential communications during the course of official public safety operations and field emergencies. Resources of either system shall not routinely roam into nor operate upon the others network in a manner that unnecessarily adversely affects a cells loading capacity. Systems may restrict the access to and loading of their network on a cell by cell basis at the discretion of the system cell owner in order to preserve essential capacity and capability.

~~10-11.~~ Therefore, both LA-RICS and ICIS, through their respective governing boards, mutually agree to the following:

- a. The goal of achieving an overarching LMR system will be achieved by adopting a "system of system" (SoS) approach. A SoS will build on existing P-25 compliant systems and avoids unnecessary duplication of repeater towers and central switches. Under a SoS, cities and entities with existing systems will continue to own, control and maintain them and will make them available to all other members and public safety agency participants as part of the larger County-wide interoperable system by means of interfacing and integration technologies. System owners may employ reasonable and appropriate system loading limitations necessary to ensure said access does not interfere with that system's vital operations. Access to and sharing of existing systems will be via

interfaces and integration agreed to by both the LA-RICS and ICIS governance bodies.-

- b. As part of the SoS approach, ICIS and LA-RICS, as soon as the latter becomes operational, will be integrated, interfaced, or linked to create interoperability. For purposes of this agreement, integrated, interfaced, or linked means the technological joining of both the LA-RICS and ICIS LMR systems to effectively enable the systems to operate as a single platform for purposes of interoperability, as well as the policy level approval of cross-platform radio programming, talk group access, and encryption sharing. ~~or linked to create interoperability.~~
- c. This MoU may be amended as needed to include any cities and entities desiring to integrate or link their systems as part of the SoS approach to either the LA-RICS or ICIS platform.
- d. A joint technical committee of LA-RICS and ICIS will be formed immediately, but no later than thirty (30) days hereof, and tasked to study and determine the best technical design to accomplish an integration or linking of the two systems to create interoperability across the County. The joint technical committee will be selected by the JPA Chairs of LA-RICS~~LA-RICS~~ and ICIS. Each will select up to three (3) technical representatives. The joint technical committee shall function as an advisory body to the Urban Area Security Initiative (UASI) Approval Authority.
- e. Because a significant portion of the region's interoperability effort is being funded through the UASI~~Urban Area Security Initiative (UASI)~~ grants, the technical committee will be chaired by a designee of the UASI Approval Authority. At this time, the Approval Authority's designee is the Honorable Robert C. Bonner. Should for any reason Judge Bonner not be able to fulfill these responsibilities, the Approval Authority shall designate an alternate.
- f. The joint technical committee shall involve representatives of the LA-RICS and ICIS contractor, Motorola Solutions, in their discussions, as needed to define the process and timeline for integration. Judge Bonner (or the Approval Authority's designee) shall provide written updates regarding the progress of the joint technical committee to the Approval Authority.

- g. The joint technical committee will develop a report containing its recommended integration, interface, or linking plan. The plan shall include a timeline that jointly identifies and prioritizes recommended design, equipment, and installation needs. The joint technical committee shall provide their report and recommendation to the JPA boards of LA-RICS and ICIS for their approval within 90 days of the effective date of this MoU. Judge Bonner shall approve the recommended integration plan and present it to the Approval Authority.

This memorandum of understanding is effective on _____, 2015.

THE LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS
SYSTEM AUTHORITY

THE INTERAGENCY
COMMUNICATIONS
INTEROPERABILITY SYSTEM

A California Joint Powers Authority

A California Joint Powers Authority

By: _____
Print Name:
Its:

By: _____
Print Name:
Title: