



AGENDA

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

BOARD OF DIRECTORS MEETING

Thursday, February 4, 2016 • 9:00 a.m.

Los Angeles County Sheriff's Department
The Hertzberg Davis Forensic Science Center
1800 Paseo Rancho Castilla, Conference Room 623
Los Angeles, CA 90032

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

AGENDA POSTED: January 29, 2016

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. **Jim McDonnell**, Chair, Sheriff, County of Los Angeles Sheriff's Dept.
2. **Daryl L. Osby**, Vice-Chair, Fire Chief, County of Los Angeles Fire Dept.
3. **Sachi Hamai**, CEO, County of Los Angeles
4. **Cathy Chidester**, Dir., EMS Agency, County of LADHS
5. **Bill Walker**, Fire Chief, City of Alhambra Fire Dept.
6. **Larry Giannone**, Chief of Police, City of Sierra Madre Police Dept.
7. **Mark R. Alexander**, City Manager, CA Contract Cities Assoc.
8. **Kim Raney**, Chief of Police, City of Covina Police Dept.

Alternates:

Dean Gialamas, Division Dir., County of Los Angeles Sheriff's Dept.
Chris Bundesen, Asst., Fire Chief, County of Los Angeles Fire Dept.
John Geiger, General Manager, CEO, County of Los Angeles
Karolyn Fruhwirth, Asst., Dir., EMS Agency, County of LADHS
Chris Donovan, Fire Chief, City of Monrovia Fire Dept.
Joe Ortiz, Captain, City of Sierra Madre Police Dept.
Sam Olivito, Executive Dir., CA Contract Cities Assoc.
David Povero, Captain, City of Covina Police Dept.

Officers:

Patrick Mallon, Executive Director
John Naimo, County of Los Angeles Auditor-Controller
Joseph Kelly, County of Los Angeles, Treasurer and Tax Collector
Priscilla Lara, Board Secretary



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)

A. January 7, 2015 – Regular Meeting Minutes

Agenda Item A

IV. PUBLIC COMMENTS

V. CONSENT CALENDAR – (None)

VI. REPORTS (B-C)

B. Director's Report – Pat Mallon

- LTE Project Status
 - LTE Environmental Status
 - LTE Construction Status
 - LTE Contract Status
- LMR Project Status
 - LMR Environmental Status
 - LMR Contract Status

C. Project Manager's Report – Pat Mallon

Agenda Item C

VII. DISCUSSION ITEMS (D-E)

D. Outreach Update

Agenda Item D



E. UASI 2011 Grant Status Update

Agenda Item E

VIII. ADMINISTRATIVE MATTERS (F)

F. UNCONTESTED ELECTIONS FOR AT-LARGE BOARD MEMBERS

It is recommended that your Board:

It is recommended that your Board appoint Inglewood and Signal Hill to At-Large Director Seats 2 and 4, respectively. It is anticipated that Mark Fronterotta, Chief of Police, Inglewood Police Department and Chris Nunley, Captain, Signal Hill Police Department will represent these member agencies.

At your meeting of December 17, 2015, your Board approved elections for At-Large Board Members and set Thursday, March 3, 2016, at 9:00 a.m., which is a regularly scheduled Authority meeting date, as the date for in person and/or mail-in ballot election of the three (3) At-Large Director and four (4) Alternate Director seats. As provided for in Section 3.01(8) of the Bylaws, if a seat is uncontested, the Board may appoint members to these seats.

The LA-RICS Executive Director notified member Cities of your Board's decision to set elections, and informed them of the deadline date of January 14, 2016, to submit a written statement to fill the vacant positions.

Agenda Item F

IX. MISCELLANEOUS – (None)

X. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE BOARD

XI. CLOSED SESSION REPORT

1. PUBLIC EMPLOYEE PERFORMANCE EVALUATION
(Government Code Section 54957(b)(1))
Title: Executive Director
2. PUBLIC EMPLOYMENT
(Government Code Section 54957(b)(1))
Title: Executive Director



3. CONFERENCE WITH LABOR NEGOTIATORS
(Government Code Section 54957.6)

XII. ADJOURNMENT and NEXT MEETING:

Thursday, March 3, 2016, at 9:00 a.m., at the Los Angeles Sheriff's Department, Scientific Services Bureau, located at 1800 Paseo Rancho Castilla, Los Angeles, CA 90032.



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.

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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.



BOARD OF DIRECTORS MEETING MINUTES

LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

January 7, 2016
The Hertzberg Davis Forensic Science Center
1800 Paseo Rancho Castilla, Conference Room 623
Los Angeles, CA 90032

Board Members Present:

Daryl L. Osby, Vice-Chair, Fire Chief, County of Los Angeles Fire Dept.
Cathy Chidester, Director, EMS Agency, County of Los Angeles Department of Health Services
Bill Walker, Fire Chief, City of Alhambra Fire Dept.
Larry Giannone, Chief of Police, City of Sierra Madre Police Dept.
Kim Raney, Chief of Police, City of Covina Police Dept.

Alternates For Board Members Present:

Dean Gialamas, Division Dir., alternate for Jim McDonnell, Chair, Sheriff, Los Angeles County Sheriff's Dept.
John Geiger, General Manager, alternate for Sachi Hamai, CEO, County of Los Angeles

Officers Present:

Patrick Mallon, LA-RICS Executive Director

Absent:

Mark R. Alexander, City Manager, CA Contract Cities Assoc.



I. CALL TO ORDER

Director Dean Gialamas called the meeting of the Board to order.

II. ANNOUNCE QUORUM – Roll Call

Director Gialamas acknowledged that a quorum was present and asked for a roll call.

III. APPROVAL OF MINUTES (A)

A. December 17, 2015 – Special Meeting Minutes

Director Gialamas asked for a motion to approve, Board Member Cathy Chidester motioned first, seconded by Alternate Board Member John Geiger. The Board's consensus was unanimous.

Ayes 6: Gialamas, Osby, Hamai, Chidester, Giannone, and Raney.

MOTION APPROVED.

IV. PUBLIC COMMENTS – (None)

V. CONSENT CALENDAR – (None)

VI. REPORTS (B-D)

B. Director's Report – Pat Mallon

Long Term Evolution (LTE) Project Status

Executive Director Pat Mallon stated after months and months of reports advising of the challenges we have faced, he is more than pleased to report a very successful deployment of the LTE system in support of the Pasadena Rose Parade. To begin with, he commended the dedicated personnel from the Sheriff's Department and County Fire, as well as the consultant staff from Jacobs and Televate along with the Motorola team. The success achieved would not have been possible without an extremely high level of commitment. They are to be commended individually. What a TEAM!

Executive Director Mallon also shared some observations of our FirstNet liaison that was on-site during the initial operation of the system. Here are a few of his observations: Agencies involved in the deployment included the Sheriff and County Fire as well as the Pasadena Police Department, and Department of Homeland Security (DHS). Devices and Applications consisted of 60 Sonim, and 30 Motorola Smartphones. The Sonim devices ran Mutual Link Edge, ES Chat, and the Sting situational awareness application. The Motorola Smartphones ran Wave 5000,



Compass Com, RTVI, and Moto bridge to facilitate video and situational awareness capability. A total of 14 video cameras were operational on the Band 14 system, 8 fixed video cameras along the parade route and another 6 mobile cameras, all feeding back to the Emergency Operations Center (EOC). DHS provided a mobile server to record and store all video feeds during the event.

Two LA-RICS PSBN sites in Pasadena provided coverage for the event. Real-time network performance data is pending from Motorola although raw data files were delivered to the team at 30 minute intervals. This information will be evaluated over the next few weeks. We will provide performance statistics as it becomes available.

We also ran comparative network speed tests against both AT&T and VZW periodically throughout the event successfully. As expected, Band14 speeds were exceptional in comparison: At parade start VZW was running at Downlink at 0.70 Mbps, and Uplink at 0.08 Mbps. By comparison, Band 14 was running Downlink speeds of 33.49 Mbps, and Uplink at 6.46 Mbps. In our initial testing vs. AT&T the Latency Test failed with reading too low vs. Band 14 Downlink at 32.62 Mbps, and Uplink at 8.51 Mbps. Early feedback from device users was also positive. Application training was fairly quick, but use of applications was extremely intuitive according to users. EOC command personnel were impressed with the coordination of the event as well as the quality and stability of the video feeds.

The deployment also tested the linkage of the LTE system with the Land Mobile Radio (LMR) system. On site supervisors found all of their communications needs were met with a hand held device being able to communicate over LMR channels as well. Thus, they were able to remove their LMR radios and rely solely on the LTE handheld. Another system that was demonstrated was the linkage of the LTE system to a High Frequency radio system. The High Frequency (HF) systems include the Military Auxiliary Radio system. Representatives were able to connect their HF radios to the public telephone network and were able to make phone calls as well as connect to other HF stations. One aspect of disappointment was the lack of LTE system coverage at the Los Angeles County Fire Department, Fire Camp 2. This site sits in a depression out of the line of site from either of the Pasadena LTE installations or the one at Altadena Sheriff's Station.

We had expected that an installation at Verdugo Peak would have provided coverage, but unfortunately we have had great difficulty in establishing backhaul through the Los Angeles City AVIAT microwave network. You might recall that, in the past, LA-RICS funds were reallocated to the City to build out the Aviat system. Also, deployment of the extra Cell on Wheel (COW) was considered but we found the equipment has not yet been commissioned. Otherwise, the site offered all the connectivity necessary to be functional through the site's Wi-Fi system. This was a disappointment, but was a learning experience.



We are continuing dialog with the National Telecommunication and Information Administration (NTIA) to clarify a path forward on any work on what we are referring to as LTE Phase II. We hope to have further clarification at your February meeting.

LTE Construction Status

Construction status of fixed LTE sites was concluded, with 63 sites completed. 14 of the COW are in place a 10 at Southern California Edison (SCE) sites, 2 at the County of Los Angeles Water Works sites, 1 at the Sheriff's STAR Center and 1 at the California Highway Patrol (CHP) station in Woodland Hills. The last of the 15 COWS is held as a Deployable and available for response as needed. Testing and optimization is ongoing with system coverage testing being conducted this week. The results of that coverage will be the basis of system improvements under LTE Phase II. Cluster tuning is ongoing with a total of 8 clusters in the system.

LMR Early Deployment at the Rose Parade

In addition to the LTE system, the early deployment of the LMR system was also accomplished to support the Rose Parade. The Sheriff's Department located the LA-RICS Site on Wheels (SOW) at the Altadena Sheriff's Station. During the Pre-Parade operation, we encountered a problem in communications with the Pasadena Police personnel. During the pre-parade operation, Pasadena personnel were teamed with Sheriff's personnel. The Pasadena radios were not programmed with the LA-RICS early deployment channels, and we had to resort to conventional channels. During the day parade operations, Sheriff's personnel were solely deployed on the parade route using the LMR system. The LA-RICS DTVRS system was used exclusively in two of the four parade zones. Feedback from Deputies and Dispatchers was outstanding on clarity and coverage. System clarity resulted in numerous "radio checks" to confirm operation. As you may recall, the acquisition of the SOW and radios was part of our early LMR deployment.

LMR Environmental Status

Discussions with Federal Emergency Management Agency (FEMA) and the City of Los Angeles are continuing relative to the Environmental Impact Analysis. Our draft Programmatic Environmental Assessment and Biological Report have been submitted to FEMA. We are hopeful of receiving an environmental clearance in February 2016. We are conducting outreach to the federal agencies on whose land we are proposing LMR installations. The Forest Service has been a good partner thus far, and is interested in using the LMR System.

LMR System Design

As reported in December, the opting out of the City of Los Angeles has changed the landscape of system capacity requirements particularly within the City borders. A Notice to Proceed has been issued to Motorola to begin the redesign of the system.



C. Project Manager's Report – Pat Mallon

The Jacobs Project Management Report and Motorola Monthly Report are included in your package as Agenda Item C.

D. Grant Status Report – Pat Mallon

As previously reported, we have sought an answer to the question of supplanting under the Urban Area Security Initiative (UASI) grant program from the Los Angeles City grant administrators, California Governor's Office of Emergency Services (CalOES) and FEMA, formally seeking clarification in June 2015. We responded to a request for additional information from CalOES, the grant administrator at the State level on December 24, 2015, as required. We have not received any response as of this date.

VII. DISCUSSION ITEMS (E)

E. Outreach Update

The purpose of this discussion item is to update your Board on the status of outreach pertaining to the Land Mobile Radio (LMR).

Stakeholder outreach continues to involve support for the LMR Environmental Impact Report (EIR) public hearing period on the draft EIR, the continued planning and initiation of the first round of stakeholder meetings, and the continued development and distribution for the bi-monthly ongoing communications newsletter.

Director Gialamas congratulated LA-RICS staff, Fire Department, Sheriff's Department, CEO, ISD, Motorola, Jacobs, and Televate for the success at the Rose Parade with the LTE. Director Gialamas stated he personally saw a preview and CEO Sachi Hamai previewed the system on the eve of New Year's also and we both were impressed.

VIII. ADMINISTRATIVE MATTERS (F)

F. 2016 VENUE CHANGE OF LA-RICS BOARD MEETINGS

It is recommended that your Board:

Set the new Venue location of the County of Los Angeles Sheriff's Department Scientific Services Bureau for the Calendar year 2016 Board Regular Meetings.

Director Gialamas asked for a motion to approve, Board Member Larry Giannone motioned first, seconded by Board Member Daryl Osby. The Board's consensus was unanimous.



Ayes 7: Gialamas, Osby, Hamai, Chidester, Walker, Giannone, and Raney.

MOTION APPROVED.

IX. MISCELLANEOUS – (None)

X. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE BOARD

Board Member Chidester asked for a report on the expenditures of the UASI 11 Funds because there is a March deadline.

XI. CLOSED SESSION REPORT

1. PUBLIC EMPLOYEE PERFORMANCE EVALUATION
(Government Code Section 54957(b)(1))
Title: Executive Director
3. PUBLIC EMPLOYMENT
(Government Code Section 54957(b)(1))
Title: Executive Director
4. CONFERENCE WITH LABOR NEGOTIATORS
(Government Code Section 54957.6)

The Board entered Closed Session at 9:16 a.m., and returned to open session at 10:06 a.m.; Counsel Truc Moore stated that the Brown Act does not require a report.

XIII. ADJOURNMENT and NEXT MEETING:

Director Gialamas announced adjournment of this meeting at 10:07 a.m. The Board's consensus was unanimous. The next Board meeting will take place on Thursday, February 4, 2015, at 9:00 a.m., at the Los Angeles County Sheriff's Department, Hertzberg Davis Forensic Science Center, 1800 Paseo Rancho Castilla, Los Angeles, CA 90032.



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Los Angeles Regional Interoperable Communications System

PROJECT DESCRIPTION

Events of 9-11-01 have highlighted the need for first responders to be able to communicate with each other. Emergency communications primarily address local jurisdictional needs. Most agencies utilize separate radio towers and equipment, often co-located as seen here, and separate radio frequencies.

Currently, there is duplication of costs and first responders cannot communicate with each other. Many legacy systems around the County are obsolete and well beyond their useful life. The LA-RICS Project Vision is to construct, own, operate, and maintain a regional, interoperable public safety radio system. The program will establish a County-wide public safety wireless voice and data radio system for all first and secondary responders. Existing radio frequencies will be pooled and the current infrastructure utilized wherever practical. New FCC licensed broadband spectrum will be utilized.

Design, construction, and deployment of two County-wide systems (1) Land Mobile Radio (LMR) voice network will utilize a pool of 88 existing communications sites and (2) Long Term Evolution (LTE) broadband data network will utilize a pool of 231 existing communications sites. Both systems will comply with CEQA and NEPA standards.

Project and Construction Management Services will provide network, infrastructure, project, and advisory services across 5 program phases for each of the LMR and LTE projects:

- Phase 1 - System design
- Phase 2 - Site construction and modification
- Phase 3 - Supply telecommunication system components
- Phase 4 - Telecommunications system implementation
- Phase 5 - Telecommunications system maintenance

Location:

2525 Corporate Place, Suite 100
Monterey Park, CA 91754

Authority:

Los Angeles Regional Interoperable
Communications System

Management:

LA-RICS Project Team

Consultant:

Jacobs Program Management Company

Communications Vendor:

LMR - Motorola Solutions, Inc.

LTE - Motorola Solutions, Inc.



Monthly Report No. 46

For January, 2016

Submitted January 29, 2016

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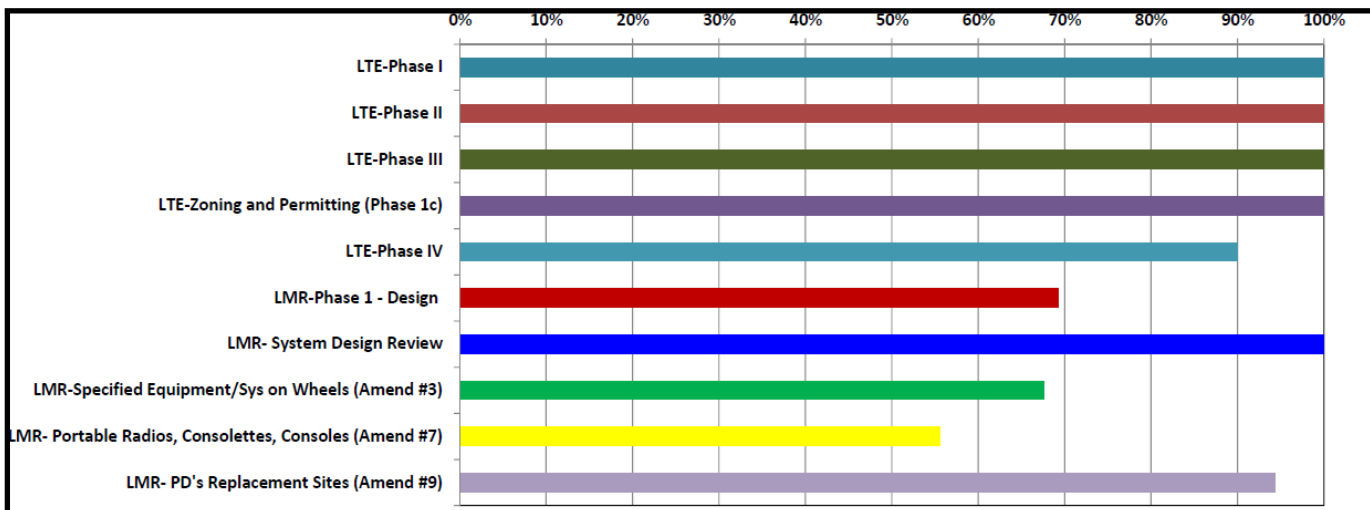
PROGRAM DASHBOARD

CATEGORY	RATING	CHANGE	COMMENTS
SAFETY	●	NO CHANGE	
QUALITY	●	NO CHANGE	
SCHEDULE	●	CHANGE	LTE TESTING AND PROJECT CLOSE OUT WILL NOT COMPLETE UNTIL JUNE 2016
COST/BUDGET	●	CHANGE	REVISED GRANT AMOUNT FROM NTIA
RISK	●	CHANGE	GRANT CAP RESPONSE AND COMPLETION OF SITES UNDER THE AMENDED PROGRAM
PROJECT STAFFING	●	CHANGE	STAFFING BUDGET FOR JACOBS LTE STAFF WILL BE 100% DEPLETED BEFORE THE LTE PROJECT CLOSEOUT IS COMPLETED.

ACTIVITIES STATUS

ITEM	STATUS	DUE DATE
LTE PHASE I	COMPLETED	AUGUST, 2015
LTE PHASE II	COMPLETED	SEPTEMBER, 2015
LTE PHASE III	SUBSTANTIALLY COMPLETED	SEPTEMBER, 2015
LTE ZONING AND PERMITTING (PHASE 1C)	COMPLETED	SEPTEMBER, 2015
LTE PHASE IV	IN PROGRESS	SEPTEMBER, 2016
LMR PHASE 1 DESIGN	IN PROGRESS	NOVEMBER, 2015
LMR SYSTEM DESIGN	COMPLETED	DECEMBER, 2015
LMR SPECIFIED EQUIPMENT/SYS ON WHEELS (AMEN #3)	IN PROGRESS	OCTOBER, 2015
LMR PORTABLE RADIOS, CONSOLETTES, CONSOLES (AMEND #7)	IN PROGRESS	NOVEMBER, 2015
LMR PD's REPLACEMENT SITES (AMEND #9)	IN PROGRESS	DECEMBER, 2015

DELIVERABLES PROGRESS REPORT



LA-RICS MASTER CALENDAR

February 2016 (Proposed)						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 1400 – LTE System Design & Site Meeting w/MSI	2 0900 – WESM Mtg 1000 – LMR Weekly Site & System Design Mtg	3 0800 – Weekly LTE Backhaul Mtg 1330 - LA-RICS LMR Early Deployment / LMR Project Review Status	4 JPA Board Mtg 1400 - LA-RICS LTE/LMR Weekly Change Management Meeting	5	6
7	8 1400 – LTE System Design & Site Meeting w/MSI	9 0900 – WESM Mtg 1000 – LMR Weekly Site & System Design Mtg	10 0800 – Weekly LTE Backhaul Mtg 1330 - LA-RICS LMR Early Deployment / LMR Project Review Status	11 1400 - LA-RICS LTE/LMR Weekly Change Management Meeting	12	13
14	15 1400 – LTE System Design & Site Meeting w/MSI	16 0900 – WESM Mtg 1000 – LMR Weekly Site & System Design Mtg	17 0800 – Weekly LTE Backhaul Mtg 1330 - LA-RICS LMR Early Deployment / LMR Project Review Status	18 1400 - LA-RICS LTE/LMR Weekly Change Management Meeting	19	20
21	22 1400 – LTE System Design & Site Meeting w/MSI	23 0900 – WESM Mtg 1000 – LMR Weekly Site & System Design Mtg	24 0800 – Weekly LTE Backhaul Mtg 1330 - LA-RICS LMR Early Deployment / LMR Project Review Status	25 1400 - LA-RICS LTE/LMR Weekly Change Management Meeting	26	27
28	29 1400 – LTE System Design & Site Meeting w/MSI					

LTE TECHNOLOGY UPDATES

- **LMR/LTE Shared Site Activities**
 - Continued review of all shared LMR/LTE sites
- Routers were purchased for each of the COWS to assist in test and turn up in lieu of the permanent solution for BH
 - Permanent BH solution is scheduled for completion by end of Q2 2016
- Ongoing IMS activities
- Weekly LTE Development Meetings are ongoing and should continue adding technical updates through 2016
- LTE project reports:
 - Weekly Status Report
 - Monthly Status Reports
 - Integrated Master Schedule (IMS)
- PSBN Testing Plan is on going
- eNodeB pod testing was completed and TMR commissioning has commenced and expected to be completed by December 30, 2015
- The MW installations are complete at all of the required sites.
- Of the 15 COWS outfitted for LTE:
 - 13 are in place - including grounding, antennas, and the fencing where required
 - Power and BH are scheduled for install by the end of the year
- SCE utility designs for each COW are completed
- Review of the Grant Requirements for the MSA with SCE are ongoing
-

LMR TECHNOLOGY UPDATES

- **LMR/LTE Shared Site Activities**
 - Continued review of all shared 39 LTE/ LMR sites
- Ongoing Working Weekly LMR System Design and Site Documentation meetings
 - Over half of the 61 LMR Sites have been site walked and sketches are complete. MSI has been directed to start 50% drawings on the first 9 sites pertaining to UASI 11
- Ongoing Early Deployment engineering
 - Began to develop fleet mapping procedures for Sheriff Test radios
 - Acceptance Test Plans complete
- The final RF Design from MSI is scheduled for the end of March 2016
 - Weekly site design meetings with MSI and the Authority are ongoing.
 - Reviewed with Authority staff and Motorola to document final comments
- Microwave Backhaul design analysis
 - Reviewed paths and reconfigured design to make the design more efficient by using fewer sites and closing local rings
- Ongoing FCC Licensing Meeting
 - Discussion of path forward for all licensing Issues
 - RFQ for FCC license T-Band frequency sets at all sites
 - 700 MHz planning and submission for additional five frequencies pairs and seeking Letters of Concurrence from current operators
- Ongoing LMR project reports received weekly/ monthly:
 - Weekly Status Report
 - Monthly Status Report
 - Integrated Master Schedule (IMS)
 - Site Analysis and Inclusion of USFS Sites
 - Participated in Joint Operations and Technical Committee meeting

LTE SITES/CIVIL DELIVERABLES

- Continued oversight and quarterly reporting to NTIA
- PSBN Cluster Training has started (1st Cluster)
- Special Events planning is ongoing
 - Weekly meetings have been scheduled and individuals have been tasked with providing research for applications and logistics
 - The Proof of concept for the Rose Bowl Parade went very smooth
- 14 COWS are in place including grounding, antennas, and fencing when required
 - The single remaining COW will be configured for an emergency mobile site
- Trenching for power conduits at CHPWVLLY has been completed. A request from the Chief to install an additional conduit is under review and should be completed by early 2016
- Punch-List site walks have been ongoing and are scheduled to be completed by early January 2016
- Corrective Punch-List measures are to be completed by March 2016
 - Operations training has commenced for all Agencies and should continue through Q1 of 2016

LMR SITES/CIVIL DELIVERABLES

- Attended teleconferences with LA City Mayor's Office Staff, AECOM, and FEMA personnel to discuss NEPA approach for completing the PEA
- Jacobs attended a PEA on board review via Webex on January 11, 12, 15, and 18 and in person in Oakland on January 13 and 14 with FEMA and AECOM
- Continued FCC 620/621 preparation for LMR sites and we have received SHPO concurrence on these forms for 20 sites
- Jacobs submitted the Not Likely to Adversely Affect letter to USFWS on January 14 and the Biological Resources Report on January 19.
- Jacobs completed the Draft EIR on January 10 for regulatory and public distribution on January 11.
- Jacobs attended site design walks with the Authority and MSI
- MSI/Jacobs design team have scheduled site visits to allow for the preparation of site sketches, 1A surveys and 50% CDs sketches
- 37 site sketches have been received for review and approval by the authority as of 1/25/2016
- Jacobs continues task of obtaining SAA's for 19 LMR sites (SAA's for remainder sites being processed by LA County CEO-RED)
- As of 1/13/2016, four (4) executed SAA's are in place.

Activity ID	Activity Name	Start	Finish	Duration % Complete	Remaining Duration	Total Float	2013		2014				2015				2016				2017				2018				2019
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
LA-RICS MSI LMR Integrated Master Schedule (IMS) Replan							g-13 A																					g-13 A	
Phase 1 - LMR System Design							g-13 A																					g-13 A	
Phase 1 - LMR System Design							g-13 A																					g-13 A	
Project Management Plan							ep-13 A																					ep-13 A	
LA-RICS Deliverables																													
LA-RICS Provides Access to Core Sites							ep-13 A																					ep-13 A	
Early Shipment							ep-13 A																					ep-13 A	
Amendment 3 - Specified Equipment Shipment and System on Wheels							20-Dec-13 A																					20-Dec-13 A	
Amendment 4 - Station B Equipment							20-Dec-13 A																					20-Dec-13 A	
Integration of SOW and STB																													
Amendment 5 - VDC Core 2 Deployment																													
Amendment 7 - Portable Radio Equipment, Consolettes, & Consoles							07-May-14 A																					07-May-14 A	
Amendment 8 - Portable Radios and Radio Accessories																													
Project Description Preparation							ep-13 A																					ep-13 A	
Amendment 9 - Project Descriptions for 26 potential replacement sites																													
Environmental Review							15-Jul-14 A																					15-Jul-14 A	
Design Review							09-Oct-13 A																					09-Oct-13 A	
Phase 1a - Licensing Process																													
Phase 1a - Licensing Process																													
LMR_1547	License Preparation	23-Mar-15	01-Jul-15	0%	72	297																						23-Mar-15	
LMR_1549	B.1.6 FCC License and Application Forms - FCC Licenses Granted		02-Jul-15	0%	0	298																						◆ 02-Jul-15	
LMR_1548	FCC Licensing Processing	02-Jul-15	02-Jul-15	0%	0	297																						02-Jul-15	
Phase 1b - Submit Required Permits & Approvals																													
Zoning Permit																													
Building Permits																													
Receive Permit Approvals																													
Phase 2 - Site Construction and Site Modification																													
Phase 2 - Site Construction and Site Modification																													
LMR_1856	Notice to Proceed Phase 2 Received for Sites		02-Oct-15	0%	0	-199																						◆ 02-Oct-15	
LMR_1855	Notice to Proceed Phase 2 Received for Materials		02-Oct-15	0%	0	-229																						◆ 02-Oct-15	
Notice to Proceed Phase 2 for Sites (Broken out by Site #)																													
Site Construction Materails																													
Site Build / Modiifcations																													
Phase 3 - Supply LMR System Components																													
Phase 3 - Supply LMR System Components																													
LMR_6800	B.3.9 System Management and Monitoring Subsystem	20-Apr-16	20-Apr-16	0%	1	486																						20-Apr-16	
LMR_6425	B.1.6 FCC Licensing	02-Jul-15	02-Jul-15	0%	1	297																						02-Jul-15	
LMR_3893	Notice to Proceed Phase 3		24-Nov-15	0%	0	-256																						◆ 24-Nov-15	
Manufacturing / Staging / Site Development and Test																													
Phase 4 - LMR System Implementation																													
Phase 4 - LMR System Implementation																													
LMR_6805	B.4.1.1.1.7 System Management and Monitoring Subsystem		20-Apr-16	0%	0	486																						◆ 20-Apr-16	
LMR_3921	Notice to Proceed Phase 4		09-May-16	0%	0	-230																						◆ 09-May-16	

Activity ID	Activity Name	Start	Finish	Duration % Complete	Remaining Duration	Total Float	2013		2014				2015				2016				2017				2018				2019							
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2					
	RF Emission Safety Report	23-Mar-15	31-Aug-15	0%	114	646									23-Mar-15			31-Aug-15																		
	Implementation & Testing	11-Feb-16	16-Mar-18	0%	531	-256												11-Feb-16																		
	Warranty - 12 months	19-Mar-18	18-Mar-19	0%	261	-256																														
	Phase 5 - LMR System Maintenance	18-Mar-19	18-Mar-19	0%	0	-256																														
	Phase 5 - LMR System Maintenance	18-Mar-19	18-Mar-19	0%	0	-256																														

Activity ID	Activity Name	Start	Finish	Duration % Complete	Remaining Duration	Total Float	2014												2015												2016											
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
Total		04-Feb-14 A	06-Jul-16	80.63%	116	-4	[Gantt bar from 04-Feb-14 to 06-Jul-16]																																			
LA_City		04-Mar-14 A	29-Feb-16	94.82%	26	86	[Gantt bar from 04-Mar-14 to 29-Feb-16]																																			
LA.LAPD077		12-Mar-14 A	11-Feb-16	97.05%	14	98	[Gantt bar from 12-Mar-14 to 11-Feb-16]																																			
LA.LAPDDVN		12-Mar-14 A	10-Feb-16	97.25%	13	99	[Gantt bar from 12-Mar-14 to 10-Feb-16]																																			
LA.LAPDFTH		12-Mar-14 A	02-Feb-16	98.96%	5	105	[Gantt bar from 12-Mar-14 to 02-Feb-16]																																			
LA.LAPDHLB		04-Mar-14 A	15-Feb-16	96.75%	16	96	[Gantt bar from 04-Mar-14 to 15-Feb-16]																																			
LA.LAPDHWD		12-Mar-14 A	15-Feb-16	96.65%	16	96	[Gantt bar from 12-Mar-14 to 15-Feb-16]																																			
LA.LAPDMIS		12-Mar-14 A	15-Feb-16	96.71%	16	96	[Gantt bar from 12-Mar-14 to 15-Feb-16]																																			
LA.LAPDNHD		12-Mar-14 A	15-Feb-16	96.65%	16	96	[Gantt bar from 12-Mar-14 to 15-Feb-16]																																			
LA.LAPDNWT		12-Mar-14 A	17-Feb-16	96.26%	18	94	[Gantt bar from 12-Mar-14 to 17-Feb-16]																																			
LA.LAPDOLY		10-Mar-14 A	17-Feb-16	96.33%	18	94	[Gantt bar from 10-Mar-14 to 17-Feb-16]																																			
LA.LAPDPAC		12-Mar-14 A	02-Feb-16	98.93%	5	105	[Gantt bar from 12-Mar-14 to 02-Feb-16]																																			
LA.LAPDRAM		12-Mar-14 A	17-Feb-16	96.26%	18	94	[Gantt bar from 12-Mar-14 to 17-Feb-16]																																			
LA.LAPDTOP		12-Mar-14 A	17-Feb-16	96.23%	18	94	[Gantt bar from 12-Mar-14 to 17-Feb-16]																																			
LA.LAPDVNS		12-Mar-14 A	17-Feb-16	96.24%	18	94	[Gantt bar from 12-Mar-14 to 17-Feb-16]																																			
LA.LAPDWIL		12-Mar-14 A	04-Feb-16	98.94%	5	103	[Gantt bar from 12-Mar-14 to 04-Feb-16]																																			
LA.LAPDWLA		12-Mar-14 A	19-Feb-16	95.9%	20	92	[Gantt bar from 12-Mar-14 to 19-Feb-16]																																			
LA.LAPDWVD		12-Mar-14 A	19-Feb-16	95.83%	20	92	[Gantt bar from 12-Mar-14 to 19-Feb-16]																																			
LA.LAPP001		12-Mar-14 A	19-Feb-16	94.08%	20	92	[Gantt bar from 12-Mar-14 to 19-Feb-16]																																			
LA.LDWP243		12-Mar-14 A	26-Feb-16	94.1%	25	87	[Gantt bar from 12-Mar-14 to 26-Feb-16]																																			
LA.SEP		12-Mar-14 A	29-Feb-16	94.67%	26	86	[Gantt bar from 12-Mar-14 to 29-Feb-16]																																			
LA.SWP		12-Mar-14 A	10-Feb-16	97.22%	13	99	[Gantt bar from 12-Mar-14 to 10-Feb-16]																																			
LA.VPC		12-Mar-14 A	29-Feb-16	93.88%	26	86	[Gantt bar from 12-Mar-14 to 29-Feb-16]																																			
LA_County		21-Feb-14 A	29-Feb-16	94.89%	26	86	[Gantt bar from 21-Feb-14 to 29-Feb-16]																																			
LA.BMT		12-Mar-14 A	09-Feb-16	97.27%	12	100	[Gantt bar from 12-Mar-14 to 09-Feb-16]																																			
LA.CCT		12-Mar-14 A	16-Feb-16	95.91%	17	95	[Gantt bar from 12-Mar-14 to 16-Feb-16]																																			
LA.CEN		12-Mar-14 A	09-Feb-16	96.63%	12	100	[Gantt bar from 12-Mar-14 to 09-Feb-16]																																			
LA.FCCF		12-Mar-14 A	11-Feb-16	95.95%	14	98	[Gantt bar from 12-Mar-14 to 11-Feb-16]																																			
LA.LACHAR		12-Mar-14 A	11-Feb-16	97.05%	14	98	[Gantt bar from 12-Mar-14 to 11-Feb-16]																																			
LA.LACOLV		12-Mar-14 A	12-Feb-16	96.61%	15	97	[Gantt bar from 12-Mar-14 to 12-Feb-16]																																			
LA.LACUSC		12-Mar-14 A	26-Feb-16	94.93%	25	87	[Gantt bar from 12-Mar-14 to 26-Feb-16]																																			
LA.LAN		12-Mar-14 A	11-Feb-16	97.1%	14	98	[Gantt bar from 12-Mar-14 to 11-Feb-16]																																			
LA.LASDALD		12-Mar-14 A	08-Feb-16	98.86%	5	101	[Gantt bar from 12-Mar-14 to 08-Feb-16]																																			
LA.LASDCSN		12-Mar-14 A	04-Feb-16	98.93%	5	103	[Gantt bar from 12-Mar-14 to 04-Feb-16]																																			
LA.LASDIDT		12-Mar-14 A	10-Feb-16	98.95%	5	99	[Gantt bar from 12-Mar-14 to 10-Feb-16]																																			
LA.LASDLKD		12-Mar-14 A	23-Feb-16	95.46%	22	90	[Gantt bar from 12-Mar-14 to 23-Feb-16]																																			
LA.LASDLNX		12-Mar-14 A	23-Feb-16	95.38%	22	90	[Gantt bar from 12-Mar-14 to 23-Feb-16]																																			
LA.LASDNCC		12-Mar-14 A	23-Feb-16	95.5%	22	90	[Gantt bar from 12-Mar-14 to 23-Feb-16]																																			
LA.LASDNWK		12-Mar-14 A	02-Feb-16	98.94%	5	105	[Gantt bar from 12-Mar-14 to 02-Feb-16]																																			
LA.LASDPRV		12-Mar-14 A	23-Feb-16	95.46%	22	90	[Gantt bar from 12-Mar-14 to 23-Feb-16]																																			
LA.LASDSCV		12-Mar-14 A	25-Feb-16	95.11%	24	88	[Gantt bar from 12-Mar-14 to 25-Feb-16]																																			

Activity ID	Activity Name	Start	Finish	Duration % Complete	Remaining Duration	Total Float	2014												2015												2016									
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
LA.LASDSDM		21-Feb-14 A	10-Feb-16	97.38%	13	99																															10-Feb-16			
LA.LASDTEM		12-Mar-14 A	25-Feb-16	95.09%	24	88																															25-Feb-16			
LA.LHS		12-Mar-14 A	09-Feb-16	97.44%	12	100																															09-Feb-16			
LA.MLM		12-Mar-14 A	25-Feb-16	94.69%	24	88																															25-Feb-16			
LA.ONK		12-Mar-14 A	05-Feb-16	98.04%	8	102																															05-Feb-16			
LA.PHN		12-Mar-14 A	12-Feb-16	96.61%	15	97																															12-Feb-16			
LA.PLM		12-Mar-14 A	09-Feb-16	97.5%	12	100																															09-Feb-16			
LA.RANCHO		12-Mar-14 A	12-Feb-16	98.87%	5	97																															12-Feb-16			
LA.SLA		12-Mar-14 A	29-Feb-16	94.7%	26	86																															29-Feb-16			
LA.WAL		12-Mar-14 A	29-Feb-16	94.69%	26	86																															29-Feb-16			
LA.WHD		12-Mar-14 A	25-Feb-16	95.01%	24	88																															25-Feb-16			
Independent Cities		04-Feb-14 A	29-Feb-16	94.8%	26	86																															29-Feb-16			
LA.ARCPD01		04-Feb-14 A	09-Feb-16	97.2%	12	100																															09-Feb-16			
LA.AZPD001		12-Mar-14 A	09-Feb-16	97.39%	12	100																															09-Feb-16			
LA.CLM		12-Mar-14 A	09-Feb-16	97.42%	12	100																															09-Feb-16			
LA.CPTFD04		12-Mar-14 A	10-Feb-16	96.97%	13	99																															10-Feb-16			
LA.ELMNTPD		12-Mar-14 A	02-Feb-16	98.83%	5	105																															02-Feb-16			
LA.FS5		12-Mar-14 A	11-Feb-16	96.94%	14	98																															11-Feb-16			
LA.GARD001		12-Mar-14 A	19-Feb-16	95.5%	20	92																															19-Feb-16			
LA.LBFD012N		12-Mar-14 A	12-Feb-16	96.93%	15	97																															12-Feb-16			
LA.LBPDHQ		12-Mar-14 A	25-Feb-16	94.79%	24	88																															25-Feb-16			
LA.PASA001		12-Mar-14 A	25-Feb-16	94.43%	24	88																															25-Feb-16			
LA.PASDNP		12-Mar-14 A	29-Feb-16	93.88%	26	86																															29-Feb-16			
LA.VEFD001		12-Mar-14 A	19-Feb-16	95.56%	20	92																															19-Feb-16			
LA.VEFD003		12-Mar-14 A	19-Feb-16	95.54%	20	92																															19-Feb-16			
No LA-RICS Jurisdiction [O]		01-Sep-14 A	06-Jul-16	74.84%	116	-4																															06-Jul-16			
LA.ARCPD01		02-Jul-15 A	02-Jul-15 A	0%	0																																02-Jul-15 A			
LA.Prjt Closeout		01-Oct-15 A	06-Jul-16	56.11%	79	-4																															06-Jul-16			
LA.SI		01-Sep-14 A	05-Jul-16	75%	115	-4																															05-Jul-16			
LA.Sys Op_Test		03-Jun-16	03-Jun-16	0%	0	12																															03-Jun-16			
LA.Warranty		01-Oct-15 A	01-Oct-15 A	0%	0																																01-Oct-15 A			



Monthly Report #29

Reporting Period: 12/21/15 thru 01/15/16

**Los Angeles Regional Interoperable Communications
System (LA-RICS) - Land Mobile Radio System**

Motorola Solutions, Inc.



MOTOROLA SOLUTIONS

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1. Executive Summary

The Los Angeles Regional Interoperable Communications System Land Mobile Radio (LA-RICS LMR) program consists of the following five (5) phases; Phase 1 LMR System Design, Phase 2 LMR Site Construction and Site Modification, Phase 3 Supply LMR System Components, Phase 4 LMR System Implementation, and Phase 5 LMR System Maintenance. Phases 1-4 span over a five (5) year period which includes one (1) year of system warranty. Phase 5 provides the Authority with fifteen (15) one year options for Motorola to provide system monitoring and maintenance services.

The LA-RICS LMR program is currently in Phase 1 LMR System Design. Notices-To-Proceed numbers 1 through 16 have been issued authorizing distinct work for system Design services, the design and implementation of the initial deployment of the LMR system elements termed "Early Equipment", "Specified Equipment and System on Wheels", and "Station B Equipment", "Frequency Licensing", "UPS System", and "Portable Radios, Consolettes and Consoles", "Portable Radio Equipment", alternate sites "Project Descriptions", "Frequency Licensing for the Base System", "Bridge Warrant for Early" and "Retuning of SOW & Station B UHF Frequencies". Amendment 15 "Additional Project Descriptions" was approved by Board of Directors on 11/5/15 and Amendment 16 "System Redesign and Relocation of Core 2" was approved by the Board of Directors on 11/16/15. Fully executed documents and Notice To Proceed (NTP) orders for Amendments 15 & 16 were executed during this last period.

Motorola and the Authority continue working with the United States Forrest Service (USFS) to explore the possibility of using USFS sites to enhance coverage in the Angeles National Forest.

This month's report for the LA-RICS LMR program covers the reporting period from **12/21/15** through **01/15/16**. As of this reporting period Phase 1 LMR System Design is 69% complete. Associated Phase 1 tasks include A&E, Frequency Coordination (continues after final site confirmation), Site Access Agreements and Environmental Review which are currently in progress. These tasks are separate from the RF system design tasks. Once the Site Access Agreements and the Environmental Impact Report (EIR) process are complete, there will be a true up of the actual final site configuration and schedule for the LMR system. Site design activities continued during this period. Activities included site walks, site sketch development, site surveys and development of the 50% construction drawings (zoning documents).

The LA-RICS Digital Trunk Voice Radio System (DTVRS) was successfully utilized during the Tournament of Roses Parade to support operations for the Los Angeles Sheriff's Department and Los Angeles County Fire Department. The LA-RICS Site On Wheels (SOW) was deployed to provide augmenting radio coverage and backup to the primary system. Radio gateways were also deployed to demonstrate push-to-talk capabilities between the DTVRS and PSBN systems.

The primary Phase 1 activities for this period include:






LMR Design Review (100% Complete)

The LMR System Design is a compilation of documents that will define the architecture, functionality and performance of all of the subsystems that make up the LMR system. It includes all aspects of the system including performance criteria, reliability levels and testing procedures. System Design activities for this period included frequency identification and planning, evaluation of site parameter changes, development of subsystem architecture, and submittal of revised drafts sections of subsystem functional operations. A final set of site parameters was selected to complete the coverage design process. The City of Los Angeles has notified the Authority that it will not operate on the LA-RICS LMR

system. Amendment 16 identified 31 sites that are being removed from the system, to include applicable City of Los Angeles sites and the inclusion of sites 17 sites to replace the applicable sites being removed. Amendment 16 also includes a system redesign effort based on the revised number of sites for the system and to support remaining Authority member agencies. LMR Design Review for the current system design is considered complete and a new set of tasks will be added to Phase 1 project schedule for the system redesign efforts as a part of Amendment 16.

- **Test Plan Development (100% Complete)**
Acceptance Test Plans are a part of the LMR System Design deliverable. The test plans outline the test criteria and procedures that will be conducted during the implementation phase. The test plans are designed to demonstrate system functionality and system requirements. The test plans were delivered along with the LMR System Design documents. As part of the LMR System Design review process the Test Plans will be updated upon receipt of the comments from the Authority.
- **LA-RICS Deliverables - Authority Site Access Agreements**
Authority’s efforts to develop and execute the applicable Site Access Agreements for the required sites in the LMR design. This task also includes access to the sites that will host the system’s core switching network. Even though no agreements have been executed the Authority has made continued progress with the Member Agencies to finalize Site Access Agreements. This activity is primarily being driven by the Authority’s Outreach Program. With the change of this activity from a task to a milestone it is no longer measuring progress and therefore we only show 0% or 100% complete for each Site Agreement.

The following table provides a dashboard snapshot of the projects’ health signs.

LMR Project Dashboard			
Category	Rating	Change	Comments
Schedule			EIR milestones are under review for determination of schedule impact.
Quality			No quality issues to report
Risk			Risk items have been identified regarding; Spectrum, Site Access Agreements, and Site Conditions. FEMA has suggested an Environmental Process that has impacted the overall schedule.
Scope			Potential scope impacts. T.B.D. as project progresses on the system redesign and final site list.
Budget			Any budget impact due to environmental delay is yet to be determined.

2. Project Status

The following sections identify task activities during the reporting period and the planned activities for the next reporting period.

2.1 Tasks In Progress or Completed

The following depict the task activity that occurred during the current reporting period.

Activity Name	Activity Status
LA-RICS Deliverables	
Lease Negotiations & Site Access Use Agreement	In Process
NEPA FONSI	In Process
CEQA Notice of Determination	In Process
Project Descriptions	
Develop 9 Additional Project Descriptions Authorized in Amendment 15	In Process
Architecture & Engineering Drawings	
Site Walks and Site Sketch Development & Approvals	In Process
Develop 50% Construction Drawings & Approvals	In Process

2.2 Tasks Planned for Next Period (01/18/16 thru 02/12/16)

The following depict the task activity that is planned for the next reporting period.

Activity Name	Planned Status
LA-RICS Deliverables	
Lease Negotiations & Site Access Use Agreement	On Going
Access to Core Sites	On Going
NEPA FONSI / CEQA Notice of Determination	On Going
Environmental Review & Documentation (Authority)	
Environmental Consultant Initiates CEQA & EHP/NEPA Analysis	On Going
Prepare Preliminary Draft EHP/NEPA Form	On Going
Prepare EIR	On Going
Project Descriptions	
Develop 9 Additional Project Descriptions	In Process
Architecture & Engineering Drawings	
Site Walks and Site Sketch Development & Approvals	In Process
Develop 50% Construction Drawings & Approvals	In Process
Develop 75% Construction Drawings and Approvals	Planning to Start

2.3 Authority Look-Ahead Tasks (120-Day)

For the Authority planning purposes the following table provides a one hundred twenty (120) Day look-ahead of the Authority-specific activities to conduct coordination, inspections, approvals, consents, and or provide decisions necessary from the Authority to facilitate Contractor's progress.

Activity Name	Start
LA-RICS Deliverables	
Lease Negotiations & Site Access Use Agreement	09-Sep-13 A

Activity Name	Start
LA-RICS Provides Access to Core Sites	18-Sep-13 A
NEPA FONSI / CEQA Notice of Determination	On Going
Environmental Review & Documentation (Authority)	
CEQA Exemption Applicability & Eligibility Screening & Assessment	On Going
Environmental Consultant Performs CEQA Environmental Review & Prepares Draft CEQA Determination	On Going
Lead Agency CEQA Determination	On Going
Consult Federal Agency and Prepare Draft NEPA Document	On Going
Prepare NEPA Document	On Going
Submit Final EHP & NEPA Document	On Going
Federal Lead Agency NEPA Determination	On Going
Complete 9 Additional Project Descriptions Review	On Plan to Finish
Phase 1b Submit Required Permits and Approvals	
See Environmental Review & Documentation tasks above	On Going
Architecture & Engineering Drawings	
Schedule Access for the Development A&E Activities at Selected Sites	On Going
Review and Approve Site Sketches	On Going
Review and Approve 50% Construction Drawings	On Going
Review and Approve 75% Construction Drawings	On Plan to Start
Review and Approve Building Permit Packages	On Plant to Start

3. Project Risk Register

Title	Assigned	Impact	Risk Description	Status
Site Condition Changes	Authority	High	Site condition differences from RFP to current condition may impact ability to implement planned installations and delay or require changes to LMR design (e.g. coverage, backhaul, etc.) Changes in the LTE project and sites that have dropped due to availability have had an impact on the LMR at planned shared and or co-located sites. Changes to system will be addressed in the system redesign efforts.	Active
Environmental Process	Authority	High	The individual or collective determination of environmental impacts or mitigations may impact site work or even site viability. Environmental review process is impacting project implementation schedule.	Active
Site Access Agreements	Authority	High	Lease holders approvals are needed in order to implement LA-RICS improvements at sites.	Active
Spectrum Availability, 700 MHz	Authority	High	Lack of frequencies may impact coverage and/or site viability, necessitating design changes.	Active

4. Areas of Concern

This section describes any events and or circumstances of which the Contractor is aware that has delayed or may delay project activities and what corrective or remedial actions was taken or will be taken to resolve the issue. Outstanding Issues Log (the “OIL Log”) entries are also tabulated and monitored in this section. “Oil Log” items include, for example, sequencing, infrastructure, site access, coordination issues, congestion of workers and equipment, time requirements for design, procurement, and installation.

ID	Event / Circumstance	Remedial Action Taken or Required
02-01	Early Construction of Some Sites	Recent predictions on approval process are pushing expedited construction into Q1 2016 or later.
02-02	System Design impacts due to changes in site conditions	Motorola and the Authority have analyzed probable site changes and suitable site replacement candidates. Adjusted tower heights at some of the sites may impact the coverage. System redesign efforts will determine system impacts.
05-01	Impacts of filing Environmental Impact Report	MSI incorporated the EIR milestones into the project schedule which impacted the start of construction into 2016. MSI and Authority to continue with project schedule impact analysis to pull in project activities to improve revised project plan.

5. Disputes and Claims

This section describes any disputes, potential claims, and claims made during the reporting period.

Dispute / Claim / Potential Claim	Status / Actions	Resolution Date
None to report this period		

6. Financial Status

The following represents the invoice payments that were completed during the reporting period and the remaining amount to be invoiced and paid.

Invoice Payment Category	Invoice Payment Totals
Contract Sum Full Payable Amount (Phase 1)	\$ 41,784,492
Cumulative Invoice Payments from Last Report	\$ 36,382,770
Total Invoice Payments This Period	\$ 0
Remaining Amount to be Paid	\$ 5,401,722

7. LA-RICS Master Schedule

An executive view depicting the status of the primary activities:

The project schedule for this report remains unchanged. Upon completion of the Environmental Impact Report and a revised site list for the system has been determined Motorola will develop a revised project schedule for the remaining site design tasks in Phase 1 and all of the tasks in Phases 2 through 4.

The Phase 1 section of the LMR project schedule is currently being developed to reflect the latest site design activities and with the anticipation of the pending approval of the Environmental Impact Report.

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Monthly Report - #23

Reporting Period: 12/21/15 thru 1/15/16

**Los Angeles Regional Interoperable Communications
System (LA-RICS) – Public Safety Broadband Network**

Motorola Solutions, Inc.



MOTOROLA SOLUTIONS

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1. Executive Summary

The Los Angeles Regional Interoperable Communications System - Public Safety Broadband Network (LA-RICS PSBN) project is a 700 MHz Long Term Evolution (LTE) public safety mobile broadband network that will provide broadband services across the County of Los Angeles for the Authority's Member Agencies.

The LA-RICS Authority was awarded a Comprehensive Community Infrastructure (CCI) Broadband Technology Opportunity Program (BTOP) grant by Department of Commerce's National Telecommunications and Information Administration (NTIA) to deploy the LA-RICS PSBN system. The BTOP grant program requires that the LA-RICS PSBN system be compatible with the future Nationwide Public Safety Broadband Network (NPSBN) currently being designed and developed by FirstNet, an independent authority within the NTIA. Additionally the Authority executed a Spectrum Manager Lease Agreement (SMLA) with FirstNet for spectrum usage rights to operate on the 700 MHz public safety broadband spectrum (D-Block). The LA-RICS-PSBN system provides the Authority with the opportunity to work cooperatively with FirstNet, while participating in testing and providing input in what will ultimately form the National Public Safety Broadband Network (NPSBN).

The LA-RICS PSBN program consists of the following five (5) phases; Phase 1 PSBN System Design, Phase 2 PSBN Site Construction and Site Modification, Phase 3 Supply PSBN Components, Phase 4 PSBN System Implementation, and Phase 5 PSBN Maintenance. Phases 1-4 must have construction activities substantially completed by September 30, 2015 to be in compliance with the BTOP grant funding program. The cost for all Work performed that is not covered by the BTOP grant program will be the sole responsibility of the Authority. Phase 5 provides the Authority with the first five (5) years of one year options for Motorola to provide system monitoring and maintenance services.

On March 10, 2014 the Authority issued **NTP 1** authorizing Motorola to begin all work in Phase 1 for System Design services. Phase 1 primary activities include:

- LA-RICS Deliverables
- Project Management Plans
- System Design
- Site Design
- RF Emissions Report
- Inventory and Management System

On April 7, 2014 the Authority issued **NTP 2** for **Amendment 2** to add detailed design services to Phase 1 for Additive Alternate No. 1, a Home Subscriber Server (HSS), and Additive Alternate No. 2, a Redundant Evolved Packet Core (EPC).

On June 20, 2014 the Authority issued **Amendment 3** to exercise the Unilateral Options for all Work pertaining to Phase 2, Site Construction and Site Modification, and Phase 3, Supply PSBN Components.

On June 20, 2014 the Authority issued **NTP 3** to begin limited work related to Phase 2 and Phase 3. Microwave equipment was excluded from NTP 3 until the Authority approves the backhaul design and issues a separate NTP. NTP 3 also authorized Motorola to proceed with all planning and non-site mobilization work related to Phase 2, Site Construction and Site Modification, however, no construction work at a specific project site location will be conducted until the Authority has received all required NEPA and/or any other applicable Federal and State Environmental approvals for each specific location.

On July 10, 2014 the Board of Directors approved **Amendment 4** for Phase 2, Site Construction and Site Modification, and Phase 3, Supply PSBN Components of Additive Alternate No. 1, a Home Subscriber Server (HSS) and Additive Alternative No. 2, a Redundant Evolved Packet Core (EPC).

On September 8, 2014 the Authority issued **NTP 4** to proceed with work related to Phase 3 Supply PSBN Components for Additive Alternate No. 1, a Home Subscriber Server (HSS). Phases 2 and 4 were excluded from NTP 4 as they relate to Additive Alternative No. 1. Per NTP 4, authorization to design and purchase the HSS have been issued but installation and implementation have been excluded.

On September 17, 2014 the Authority issued **NTP 5** authorizing Motorola to proceed with Work related to Site Construction and Site Modification under Phase 2 for Additive Alternate No. 1, Home Subscriber Server (HSS). With respect to Phase 2, Site Construction and Site Modification, the services to be performed for Additive Alternate No. 1 involve minor site preparation activities in order to receive applicable equipment racks within the existing communications rooms at the Fire Command and Control Facility.

On September 25, 2014 the Authority issued **NTP 6** authorizing Motorola to proceed with ordering 40 additional standard equipment packages. As of NTP 6, Motorola is not authorized to proceed with ordering any equipment that is dependent on final design approval from the Authority, including for microwave and backhaul, until such time as the Authority has approved the final design for such sites and issues an NTP. The final site and backhaul design will be completed within 60 days of the Authority finalizing site locations and tower configurations.

On September 26, 2014 the Authority issued **NTP 7** authorizing Motorola to proceed with Phase 4, PSBN Implementation Work. The work related to the installation of the Primary EPC at FCCF consists of installing, optimizing, testing, commissioning, and deploying all of the Authority-authorized portion of the PSBN including, without limitation, all hardware, software, physical and network infrastructure, data, and all other deliverables and other work necessary to implement the full functionality of the PSBN and training staff on the use of the PSBN. NTP 7 excludes installation of the System Management Monitoring Servers (SMMS - the servers required to manage and monitor the PSBN).

On October 1, 2014 the Authority approved **Amendment 6** for the removal of three (3) PSBN Sites and to make the changes necessary to reflect the replacement of undisguised antenna support structures to disguised antenna support structures at 32 PSBN Sites. Amendment 6 increases the Maximum Contract Sum by \$2,613,300 from \$175,583,275 to \$178,196,575.

On October 10, 2014 the Authority issued **NTP 8** authorizing Motorola to modify the existing order of 40 sites contemplated in NTP No. 6 (standard antenna support structures - 70 foot undisguised monopoles) to order 40 sites worth of equipment considering any mix of antenna support structures (undisguised and/or disguised, with disguised antenna support structures limited to 31 sites pursuant to Amendment No. 6) that Motorola deems necessary to commence construction activities. As of this NTP, construction activities remain prohibited pending the Authority receiving FONSI and SHPO approvals.

On October 22, 2014 the Authority issued **NTP 9** authorizing Motorola to proceed with all Phase 4 Work related to the installation of the System Management and Monitoring Subsystem (SMMS) at the County of Los Angeles' Fire Department's Fire Command and Control Facility (FCCF). The NTP included the statement: "Motorola Solutions has agreed to provide a fully geo-redundant SMMS configuration (to

begin implementation in November, 2015).” Motorola provided clarification that the agreement was still under negotiation for cost and schedule delivery and that the deployment of the geo-redundant SMMS was predicated on the NTP for the redundant Evolved Packet Core (EPC).

On November 4, 2014 the Authority issued **NTP 10** authorizing Motorola to begin construction on 94 sites provided within the NTP.

On December 2, 2014 the Authority issued **NTP 11** authorizing Motorola to proceed with all Work necessary for ordering and installing site routers and core routers at FCCF, LAPDVDC, and all sites for Phase 3, Supply PSBN Components. NTP also authorized Motorola to proceed with all Work related to Phase 3 for Additive Alternate 2 Redundant EPC to be located at LAPDVDC.

On December 2, 2014 the Authority issued **NTP 12**, authorizing Motorola to proceed with ordering an additional 75 PSBN Sites worth of standard equipment, such as antenna support structures Evolved Packet Core (EPC) components, eNodeB components, antennas, and associated accessories for all sites that are not dependent on final design approval. Additionally, Motorola is authorized to proceed with the ordering of all Work related to Phase 3, Supply PSBN Components, and Phase 4, PSBN Implementation, for TMR Cabinets and TMR battery backup components for 75 PSBN Sites.

On December 30, 2014 the Authority issued **NTP 13**, authorizing Motorola to begin construction on 31 City of Los Angeles Sites listed in NTP.

On December 31, 2014 the Authority approved **Amendment 7** to make changes necessary to reflect the replacement of undisguised antenna support structures with various types of antenna support structures at eight PSBN Sites.

On January 22, 2015 the Authority issued **NTP 14**, authorizing Motorola to proceed with ordering 25 vehicular routers.

On January 28, 2015 the Authority issued **NTP 15**, authorizing Motorola to begin construction on the two sites VEFD001 and VEFD003

On February 5, 2015 the Authority approved **Amendment 8** for the removal of thirty-six (36) PSBN Sites, include six (6) new PSBN Sites and to make the changes necessary to reconcile the hose tower installation costs for twenty-eight (28) PSBN Sites. Amendment 8 decreases the Maximum Contract Sum from \$178,196,575 to \$166,254,679.

On March 3, 2015 the Authority issue **NTP 16**, authorizing Motorola to begin construction on the four sites; ARCPD01, AZPD001, ELMNTPD, LACF159.

On March 4, 2015 the Authority issue **NTP 17**, authorizing Motorola to proceed with ordering and implementing TMR cabinets for seventy-five (75) sites.

On March 3, 2015 the Authority and Motorola presented its project status report to the NTIA and NOAA representatives. The meeting highlighted the equipment procurement plan and implementation plan to deploy 182 sites by August 15, 2015. Motorola presented the updated PSBN system coverage maps based on the 182 sites.

On March 5, 2015 the Authority approved **Amendment 9** for the removal of twenty-four (24) PSBN Sites, include six (6) new PSBN Sites and to make the changes necessary to accommodate various changes in civil construction scope at applicable sites.. Amendment 9 decreases the Maximum Contract Sum from \$166,254,679, to \$158,930,274.

On March 10, 2015 the Authority issue **NTP 18**, authorizing Motorola to proceed with ordering the necessary microwave radio equipment and accessories to implement the PSBN microwave paths identified in the approved PSBN backhaul design.

On March 18, 2015 the Authority issue **NTP 19**, authorizing Motorola to proceed with all Work related to Phase 4 (PSBN implementation) for Additive Alternate 2, Redundant Evolved Packet Core (EPC) at the Los Angeles Police Department Valley Dispatch Center (LAPDVDC).

On April 2nd, 2015 the Authority issued a formal **Suspension Order**, directing Motorola to halt the procurement equipment.

On April 3rd, 2015 the Authority received a **Stop Work Notice** for all work and was issued a Corrective Action Plan (CAP) from NOAA to be submitted by April 13, 2015. Between 3/3/15 and 3/13/15 Motorola produced numerous supporting coverage scenarios for the Authority to include within the CAP response.

On April 16, 2015 the Authority issued a letter to Motorola requesting a plan for reduced scope and an analysis of cost impact. A Schedule was released on 5/07/15 and is updated on a weekly basis.

On May 7, 2015 the Authority issued **NTP 20**, authorizing Motorola to proceed with ordering the necessary microwave radio equipment and accessories to implement the PSBN microwave paths remaining as part of the CAP site list.

On May 7, 2015 the Authority issued **NTP 21**, partially cancelling the Suspension Order that was issued on April 3, 2015 and authorized construction to resume at the 69 sites identified in the Corrective Action Plan.

On May 7, 2015 the Authority issued **NTP 22**, directing Motorola to 1) look at options are returning Additive Alternate No. 1, the Redundant Evolved Packet Core (EPC), assigned to the Los Angeles Police Department Valley Dispatch Center (LAPDVDC) to Ericsson; (2) recover the redundant EPC for Motorola's use in other projects or (3) resell the Redundant EPC to a secondary market. Motorola is evaluating the cost impacts and the legal possibilities with the directive issued in this NTP.

On May 12, 2015 the Authority issued **NTP 23**, authorizing Motorola to order fiber optic equipment and provide services via contract between Fujitsu and Motorola in order to create a link between the FCCF and the City fiber ring. NTP 23 was limited to the County portion of the design.

On May 15, 2015 the Authority issued **NTP 24**, authorizing Motorola to order leased fiber services from AT&T, Verizon, and Time Warner to provide connections between the applicable CAP sites and the FCCF EPC site.

On May 15, 2015 the Authority issued **NTP 25**, directing Motorola to 1) return the excess PSBN equipment to its manufacturers, 2) recover the excess equipment for Motorola's use in other projects,

or 3) resell the excess PSBN equipment to a secondary market, in accordance with the list of equipment in the NTP. Motorola is evaluating the list of equipment provided in the NTP and the cost impacts and the legal possibilities with the directive issued in this NTP.

On May 20, 2015 the Authority issued **NTP 26** Authorizing Motorola to order fiber optic equipment and provide services via contract between Fujitsu and Motorola to create a link between the EPC located at the Los Angeles County Fire Department's FCCF facility and the City Los Angeles fiber ring. NTP 26 expands upon the products and services in NTP 23 to include the City portion of the fiber scope.

On June 18, 2015 the Authority approved **Amendment 10** for the Inclusion of 15 Cell-On-Wheels and the Construction Restoration Work at 30 PSBN Sites.

On June 25, 2015 the Authority issued **NTP 27** Authorizing Motorola to proceed with all Phase 1 (System Design) Work for fifteen (15) Cell-On-Wheels (COWs) sites.

On June 30, 2015 the Authority issued **NTP 28** Authorizing Motorola to proceed with all Work related to construction restoration for thirty (30) PSBN Sites that have been removed from the program.

On June 30, 2015 the Authority issued **NTP 29** Authorizing Motorola to proceed with ordering nine hundred and seventy-five (975) VML-750 in-vehicle router units.

On July 16, 2015 the Authority approved **Amendment 11** to add 15 Cell-On-Wheels (COWs) and the PASDNPD site to the PSBN program.

On July 16, 2015 the Authority issued **NTP 30** Authorizing Motorola to proceed with all Phase 2 (Site Construction and Site Modification), Phase 3 (Supply PSBN components), and Phase 4 (PSBN Implementation) Work for fifteen (15) Cell-On-Wheels (COWs).

On August 13, 2015 the Authority approved **Amendment 12** to remove forty-two (42) sites from the PSBN system, authorize the removal of seven (7) tower foundations at the applicable restoration sites, to purchase 5,000 Universal Integrated Circuit Cards (UICC), purchase of five (5) CISCO routers and five (5) corresponding units of data services, and approvals for applicable change orders.

On August 13, 2015 the Authority issued **NTP 31** Authorizing Motorola to proceed with ordering five thousand (5,000) standalone universal Integrated Circuit Cards (UICCs)

On September 1, 2015 the Authority issued **NTP 32** authorizing Motorola to proceed with ordering five (5) CISCO routers and five (5) corresponding units of data and related Work that are capable of operating a 4G cellular aircard on a commercial carrier that will allow Motorola and the Authority to temporarily test eNodeB sites in the event that the permanent backhaul solution is not available at the time of site commissioning.

On September 4, 2015 the Authority approved **Amendment 13** to confirm the prior removal of 77 additional sites.

On September 23, 2015 the Authority issued **NTP 33** authorizing Motorola to proceed with replacing the security certificates at the EPC core.

On October 9, 2015 the Authority approved **Amendment 14** to adjust the contract for scope changes to tower sites.

On October 15, 2015 the Authority issued **NTP 34** instructing Motorola to provide a portion of the training plan for 9 classes.

There were no new NTPs or Amendments during Reporting Period #21 (10/19/25 to 11/14/15).






On December 17, 2015 the Authority Approved **Amendment 15** to: (a) Settle and resolve all outstanding claims with the Contractor, including all claims from Contractor's subcontractors, and including all known and all potential future claims through the completion of the work under the Agreement, with the exception of changes to the Work directed in writing by the Authority; (b) Approve payment to the Contractor of \$15,764,246 in the specific amounts for the specific claims identified in tab C.16 of Exhibit C (Schedule of Payments) attached to the Amendment; (c) Approve the reduction of project management fees payable to the Contractor in the Agreement for sites not constructed, for a total reduction in project management fees of \$5,078,774, as reflected in tabs C.3, C.4 and C.5 of Exhibit C (Schedule of Payments) attached to the Amendment; and (d) Authorize an increase to the Maximum Contract Sum by the net amount of \$10,685,472 from \$132,899,485 to \$143,584,957.

On December 21, 2015 the Authority and Motorola executed Amendment 15 as described above.

This report covers the period from 12/21/15 to 1/15/16

The PSBN system was utilized during the Tournament of Roses Parade from 12/31/15 through 1/1/16 by the participating agencies which included the Los Angeles Sheriff's Department, Los Angeles County Fire Department and Department of Homeland Security. The PSBN system successfully demonstrated the ability to process several applications throughout the event which included; streaming video to video command centers and broadband devices, push-to-talk voice communications within the PSBN and across multiple Land Mobile Radio networks, situational mapping applications, text messaging, and incident command applications.

The following table provides a dashboard snapshot of the projects' health signs.

PSBN Project Dashboard			
Category	Rating	Change	Comments
Schedule			Testing, Training, Documentation, and Punchlist items remain on schedule to be completed during the Warranty Period 10/1/2015 to 9/30/2016.
Quality			An issue with the Automatic Transfer Switch isolation and bypass operation for several sites has come up and resolution has yet to be determined.
Risk			Delayed carrier fiber circuits and microwave for two sites may impact system optimization if not remedied by early February.
Scope			The contract has been amended to account for the remaining site tower and location changes.
Budget			No current budget issues to report.

2. Project Status

The following sections identify task activities during the reporting period and the planned activities for the next reporting period.

2.1 Tasks In-Progress and Completed

The following depict the task activity that occurred during the current reporting period.

Activity Name	Activity Status
LA-RICS Deliverables	
Provide Access and Escorts to EPC and RAN Sites	As Needed
System Design Activities	
Network Management System Design Update With Comments	In Progress
Site Construction & Site Modification (Phase 2)	
Finalize Activities beyond Substantial Construction Complete	In Progress
System Implementation (Phase 4)	
LTE EPC Install & Configuration / Test Station (eNB)	In Progress
Closeout documents & as-built drawings	In Progress
Site Commissioning	In Progress

2.2 Tasks Planned for Next Period (1/18/16 thru 2/19/16)

The following depict the task activities that are planned for the next reporting period.

Activity Name	Planned Status
LA-RICS Deliverables	
Provide Access to Sites	As needed
Construction Inspections	In Process
Zoning and Permitting	
Site Construction and Site Modification (Phase 2)	
Final Electrical and Backhaul Hook up for COWS as SCE sites	Finish
System Implementation (Phase 4)	
LTE EPC Install, Configuration, Testing	As Needed
Redundant EPC (Additive Alternate #2) <u>(Removal)</u>	ON HOLD
Site Commissioning	In Progress
Cluster Tuning	Start
Submit Closeout documents & as-built drawings	In Progress

2.3 Authority Look-Ahead Tasks (120-Day)

For the Authority planning purposes the following table provides a one hundred twenty (120) Day look-ahead of the Authority-specific activities to conduct coordination, inspections, approvals, consents, and or provide decisions necessary from the Authority to facilitate Contractor's progress.

Activity Name	Start
LA-RICS Deliverables	
Provide Access to Sites	On Plan to Finish
Acceptance Test Plan	
Revised ATP Review and Approvals	On Plan to Finish
Site Design Activities	
Cell on Wheels Design Activities	On Plan to Finish
Site Construction and Site Modification (Phase 2)	
Site Inspections	On Plan to Finish
System Implementation (Phase 4)	
EPC & Network Management Installation Testing <u>(Potential Reconfiguration)</u>	As needed
PSBN Site Equipment Inspections	As needed
PSBN Training	In Process
PSBN Tuning and Testing	In Process
PSBN Coverage Testing	In Process
PSBN As-Built Documentation Review	In Process

3. Project Risk Register

For this monthly report, the following items are at risk.

Title	Assigned	Impact	Risk Description	Status
Equipment Order NTPs	LA-RICS	Med	NTP for core spare equipment	Requires NTP for remaining units
Cluster Tuning	MSI	Med	Test tool for tuning is producing erroneous results	Working with product development to correct issue

4. Areas of Concern

This section describes any events and or circumstances of which the Contractor is aware that has delayed or may delay project activities and what corrective or remedial actions was taken or will be taken to resolve the issue. Outstanding Issues Log (the “Oil Log”) entries are also tabulated and monitored in this section. “Oil Log” items include, for example, sequencing, infrastructure, site access, coordination issues, congestion of workers and equipment, time requirements for design, procurement, and installation.

ID	Event / Circumstance	Remedial Action Taken or Required
21-02	10 COW Sites have delayed Power and Backhaul	Authority is working with SCE to bring power and fiber to the COWs. (At issue is final lease agreement with SCE which is nearly complete).

5. Disputes and Claims

This section describes any disputes, potential claims, and claims made during the reporting period.

Dispute / Claim / Potential Claim	Status / Actions	Resolution Date

6. Financial Status

The following table represents the invoice payments that have been completed to date. The revised Contract Sum amount based on the Corrective Action Plan is being reviewed by the Authority and Motorola. For this reporting period the Contract Sum is based on Amendment 14.

PSBN Invoice Payment Category	Invoice Payment Totals
PSBN Contract Sum Full Payable Amount (Phases 1-4)	\$ 102,456,877
Cumulative Invoice Payments from Last Report	(\$ 37,610,347)
Total Invoice Payments This Period	(\$ 21,373,110)
Remaining Amount to be Paid	\$ 43,473,420

7. LA-RICS PSBN Project Schedule

Final Documentation, Testing, Punchlist Resolution, and Training are scheduled to be completed by end of July 2016 all in accordance with Amendment #15 issued in December 2015. This Monthly Report is being submitted with a copy of the schedule update corresponding to the Data Date for the reporting period.

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See attached PSBN Summary Schedule (PDF file)



**LOS ANGELES REGIONAL INTEROPERABLE
COMMUNICATIONS SYSTEM AUTHORITY**

2525 Corporate Place, Suite 100
Monterey Park, California 91754
Telephone: (323) 881-8291
<http://www.la-rics.org>

PATRICK J. MALLON
EXECUTIVE DIRECTOR

February 4, 2016

To: LA-RICS Authority Board of Directors

From: Patrick J. Mallon
Executive Director

OUTREACH UPDATE

The purpose of this discussion item is to update your Board on the status of outreach pertaining to the Land Mobile Radio (LMR) project.

Stakeholder outreach continues to involve support for the LMR Draft Environmental Impact Report (DEIR) public hearing period, the continued planning and initiation of the first round of stakeholder meetings, and the continued development and distribution for the bi-monthly ongoing communications newsletter.

The following table represents Outreach Communication Presentations conducted since your last outreach update:

Municipality	Presentation
<i>City of Whittier Police Department Technical Team</i>	January 11, 2016
<i>City of Compton</i>	January 11, 2016
<i>Cities of Lancaster and Palmdale</i>	January 28, 2016

The meeting with the Whittier Police Department Technical Team provided an opportunity for LA-RICS to share information regarding what is being proposed at the Whittier site and to solicit input from the Whittier Police Department Technical Team regarding their concerns and recommendations for system design and site construction.

AGENDA ITEM D

The Outreach Team met with representatives from the City of Compton on January 11, 2016, as well as the cities of Palmdale and Lancaster on January 28, 2016. The purpose of these stakeholder outreach meetings was to provide an update on the LA-RICS project, re-introduce LMR, provides updates on the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) process, Site Access Agreement (SAAs), the funding plan, and the site construction notification process.

The outreach team continued to refine the Environmental Impact Report (EIR) logistics plan. These activities included the distribution of the DEIR, Notice of Availability (NOA) and the notice of DEIR public meeting flier that went to stakeholders and residents/businesses surrounding the sites contained in the DEIR. A Press Release announcing the DEIR public meetings was created and submitted to the following News Media outlets for publication:

The Acorn	San Gabriel Valley Tribune
The Catalina Islander	Signal Tribune
Compton Herald	Malibu Times
Monterey Park Cascades	Claremont Courier
Pasadena Star News	Topanga Messenger
Daily News	Glendale News Press
Valley Voice	Long Beach Press
WeHoVille	Telegram
Antelope Valley Press	LA Times
Champion Newspaper	La Opinion
Peninsula News	Santa Monica Daily Press
Whittier Daily News	The Wave

The DEIR document was distributed to thirteen (13) libraries throughout the Los Angeles County. A PowerPoint Presentation was created for the DEIR Public Meetings as well as graphic display boards and a site chart of informational material contained in the DEIR for the public to review.

The DEIR Public Meeting schedule is below:

Meeting Date and Time	County Supervisorial District	City/Community	Meeting Facility
Mon., Jan. 25, 2016 6:30-8:30 p.m.	1	Walnut	Walnut Senior Center, Assembly Room
Tues., Jan. 26, 2016 6:30-8:30 p.m.	3	Canoga Park	Canoga Park Branch Library
Wed., Jan. 27, 2016 6:30-8:30 p.m.	2	Culver City	Culver City Veterans Memorial Building
Thurs., Jan. 28, 2016 6:30-8:30 p.m.	5	Lancaster	Jane Reynolds Activity Center
Mon., Feb. 1, 2016 4:00-6:00 p.m.	4	Catalina Island	Catalina Country Club
Tues., Feb. 2, 2016 6:30-8:30 p.m.	4	San Pedro	Peck Park Community Center, Auditorium

No members of the public attended the Walnut or Canoga Park meetings. One member of the public attended the Culver City meeting, (will include Lancaster update tomorrow).

Lastly, the Outreach Team sent out a special E-blast on January 12, 2016, the day the DEIR was released. The E-blast was successfully delivered to approximately 817 stakeholders and the EIR document was uploaded to the LA-RICS website on January 12, 2016.

PJM:WST:pl



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PATRICK J. MALLON
EXECUTIVE DIRECTOR

February 4, 2016

To: LA-RICS Authority Board of Directors

From: Patrick J. Mallon
Executive Director

A handwritten signature in blue ink, appearing to read "Patrick J. Mallon", is written over the printed name and title.

UASI 2011 GRANT STATUS UPDATE

This item allows an update to be provided to your Board regarding the Urban Areas Security Initiative (UASI) 2011 LA-RICS grant award, including expenditures to date under the 2011 grant, status of the environmental process, and the anticipated date for the Finding of No Significant Impact (FONSI). Staff will also be available to answer any questions your Board may have.

PJM:SOC:jh

AGENDA ITEM E



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PATRICK J. MALLON
EXECUTIVE DIRECTOR

February 4, 2016

Board of Directors
Los Angeles Regional Interoperable Communications System Authority (the "Authority")

Dear Directors:

UNCONTESTED ELECTIONS FOR AT-LARGE BOARD MEMBERS

RECOMMENDED ACTION

It is recommended that your Board appoint Inglewood and Signal Hill to At-Large Director Seats 2 and 4, respectively. It is anticipated that Mark Fronterotta, Chief of Police, Inglewood Police Department and Chris Nunley, Captain, Signal Hill Police Department will represent these member agencies.

At your meeting of December 17, 2015, your Board approved elections for At-Large Board Members and set Thursday, March 3, 2016, at 9:00 a.m., which is a regularly scheduled Authority meeting date, as the date for in person and/or mail-in ballot election of the three (3) At-Large Director and four (4) Alternate Director seats. As provided for in Section 3.01(8) of the Bylaws, if a seat is uncontested, the Board may appoint members to these seats.

The LA-RICS Executive Director notified member Cities of your Board's decision to set elections, and informed them of the deadline date of January 14, 2016, to submit a written statement to fill the vacant positions.

BACKGROUND

In accordance with Section 3.03 of the Bylaws, a written letter of interest was received on January 8, 2016, from the Signal Hill Police Department and on January 11, 2016, from Inglewood Police Department to fill At-Large Seats 2 and 4.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of this recommended action is to fill the vacant uncontested At-Large Directors seats.

AGENDA ITEM F

FISCAL IMPACT/FINANCING

There is no fiscal impact.

FACTS AND PROVISIONS/LEGAL REQUIREMENT

The Authority's counsel has reviewed the recommended action.

AGREEMENTS/CONTRACTING

No agreements necessary.

Respectfully submitted,



PATRICK J. MALLON
EXECUTIVE DIRECTOR

PJM:WST:pl

c: Counsel to the Authority