



AGENDA

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

JOINT OPERATIONS AND TECHNICAL SPECIAL COMMITTEE MEETING

Wednesday, August 5, 2020 • 1:30 p.m.

Teleconference/WebEx Meeting*

Meeting Call-in Number for Committee Members and Public:

Telephone Number: (213) 306-3065 / Access Code: 146-736-5363

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

AGENDA POSTED: July 31, 2020

Complete agendas are made available on the Authority's website at <http://www.la-rics.org>.

*The procedures used for this Teleconference/WebEx Meeting is permitted pursuant to Executive Order N-29-20 issued on March 17, 2020, by the Governor of the State of California.

OPERATIONS COMMITTEE

Members:

1. **John Geiger**, Los Angeles County, CEO
2. **Steve Cabrera, Vice-Chair**, County of Los Angeles Fire Dept.
3. **Sven Crongeyer, Chair**, L.A. County Sheriff's Dept.
4. **Cathy Chidester**, Los Angeles County DHS
5. **Chris Donovan**, Los Angeles Area Fire Chiefs Association
6. **Anthony Vairo**, L.A. County Police Chiefs Association
7. **Vacant**, CA Contract Cities Assoc.
8. **Jeff LaGreek**, Inglewood Police Dept.
9. **Vacant**, Signal Hill Police Dept.
10. **John Curley**, Covina Police Dept.

Alternates:

Mike Iwanaga, Los Angeles County, CEO
Tony Ramirez, County of Los Angeles Fire Dept.
Vacant, L.A. County Sheriff's Dept.
Roel Amaya, Los Angeles County DHS
Eric Zanteson, Los Angeles Area Fire Chiefs Association
Shelly Vander Veen, L.A. County Police Chiefs Association
Vacant, CA Contract Cities Assoc.
Paul Devlin, Inglewood Police Dept.
Vacant, Signal Hill Police Dept.
Ric Walczak, Covina Police Dept.

TECHNICAL COMMITTEE

Members:

1. **John Geiger**, Los Angeles County, CEO
2. **Scott England, Vice-Chair**, County of Los Angeles Fire Dept.
3. **Sven Crongeyer**, Los Angeles County Sheriff's Dept.
4. **Jeffrey Morgan**, Los Angeles County DHS
5. **James Craig**, Manhattan Beach Fire Dept.
6. **Ted Pao, Chair**, Los Angeles County Internal Services Dept.
7. **Vacant**, CA Contract Cities Assoc.
8. **Jeff LaGreek**, Inglewood Police Dept.
9. **Vacant**, Signal Hill Police Dept.
10. **John Curley**, Covina Police Dept.

Alternates:

Mike Iwanaga, Los Angeles County, CEO
Hugo Ballesteros, County of Los Angeles Fire Dept.
Vacant, Los Angeles County Sheriff's Dept.
Kim Buard, Los Angeles County DHS
Eric Zanteson, Los Angeles Area Fire Chiefs Association
Nancy Yang, Los Angeles County Internal Services Dept.
Vacant, CA Contract Cities Assoc.
Paul Devlin, Inglewood Police Dept.
Vacant, Signal Hill Police Dept.
Ric Walczak, Covina Police Dept.

Officers:

Scott D. Edson, Executive Director

Joann Huerta, Committee 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. May 19, 2020 – Meeting Minutes
- IV. PUBLIC COMMENTS**
- V. CONSENT CALENDAR – NONE**
- VI. REPORTS (B-F)**
 - B. LTE Round 1 Transition Update – Rick Burke
Agenda Item B
 - C. LTE Round 2 CoLT/CoPT Update – Rick Burke
Agenda Item C
 - D. PSBN Round 2 Deployment Update – Chris Odenthal
Agenda Item D
 - E. LMR Update – Chris Odenthal
Agenda Item E
 - F. Regional ISSI Interoperability Working Group – Steve Page
Agenda Item F
- VII. DISCUSSION ITEMS (G-I)**
 - G. Outreach to California State Universities – Lt. Crongeyer
Agenda Item G



H. Radio Rodeo Communications Exercise – Lt. Crongeyer

Agenda Item H

I. LACoFD and LASD LA-RICS Frequency Sharing/Re-Allocation
Readiness/Preparations – Battalion Chief Cabrera

Agenda Item I

VIII. ADMINISTRATIVE MATTER (J)

**J. APPROVE RECOMMENDATION TO THE LA-RICS JOINT POWERS
AUTHORITY BOARD OF DIRECTORS TO APPROVE AMENDMENT NO. 1
TO AGREEMENT NO. 78225 FOR JOINT USE AND SERVICES
AGREEMENT**

It is recommended the Joint Operations and Technical Committees:

Recommend approval to negotiate and finalize Amendment No. 1 to Agreement No. 78225 to the JPA Board of Directors for the Joint Use and Services Agreement, in substantially similar form to the attached Enclosure, that contemplates LASD housing, maintaining, insuring and deploying the Authority's Cell on Light Truck (CoLT) and Cell on Pickup Truck (CoPT).

Agenda Item J

IX. MISCELLANEOUS – NONE

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

XI. CLOSED SESSION REPORT – NONE

XII. ADJOURNMENT AND NEXT MEETING:

Tuesday, September 15, 2020, at 1:30 p.m., via Teleconference/WebEx Meeting.



COMMITTEE MEETING INFORMATION

In accordance with Executive Order No. 25-20 on March 17, 2020, by the Governor of the State of California, this Meeting can be conducted via Teleconference/WebEx. Members of the public are invited to participate in the Teleconference/WebEx meeting via the phone number provided above, and address the LA-RICS Committee on any item on the agenda prior to action by the Committee on that specific item. Members of the public may also address the Committee on any matter within the subject matter jurisdiction of the Committee. The Committee will entertain such comments during the Public Comment period. Public Comment will be limited to three (3) minutes per individual for each item addressed, unless there are more than ten (10) requests 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 Committee's Chair.

(NOTE: Pursuant to Government Code Section 54954.3(b) the legislative body of a local agency may adopt reasonable regulations, including, but not limited to, regulations limiting the total amount of time allocated for public testimony on particular issues and for each individual speaker.)

It is requested that individuals who require the services of a translator contact the Committee Secretary no later than the day preceding the meeting. Whenever possible, a translator will be provided. Sign language interpreters, assistive listening devices, or other auxiliary aids and/or services may be provided upon request. To ensure availability, you are advised to make your request as soon as possible. (323) 881-8291 or (323) 881-8295

SI REQUIERE SERVICIOS DE TRADUCCION, FAVOR DE NOTIFICAR LA OFICINA LO MAS PRONTO POSIBLE.

The meeting is recorded, and the recording is kept for 30 days.



JOINT OPERATIONS AND TECHNICAL COMMITTEE SPECIAL MEETING MINUTES

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

Tuesday, May 19, 2020 • 1:30 p.m.

Teleconference/Webex Meeting*

Meeting Call-in Number for Committee Meeting and Public:
Telephone Number: (562) 526-3800 / Access Code: 998 130 788

Operations Committee Members Present:

John Geiger, Los Angeles County, CEO
Steve Cabrera, Vice-Chair, County of Los Angeles, Fire Department
Sven Crongeyer, Chair, Lieutenant, Los Angeles Sheriff's Department
Cathy Chidester, Los Angeles County DHS
Anthony Vairo, Los Angeles County Police Chiefs Association
Jeff Lagreek, Sergeant, Inglewood Police Department
Ric Walczak, Lieutenant, Covina Police Department

Technical Committee Members Present:

John Geiger, Los Angeles County, CEO
Scott England, Vice-Chair, Telecommunications Systems Consulting Engineer, LACoFD
Sven Crongeyer, Lieutenant, Los Angeles Sheriff's Department
Jeffrey Morgan, Los Angeles County DHS
Ted Pao, Chair, Information Technology Specialist, Los Angeles County Internal Services Department
Jeff Lagreek, Sergeant, Inglewood Police Department
Ric Walczak, Lieutenant, Covina Police Department

Absent:

Chris Donovan, Fire Chief, Los Angeles Area Fire Chiefs Association
Ron Sagmit, Signal Hill Police Department
James Craig, Manhattan Beach Fire Department

Officers Present:

Joann Huerta, LA-RICS Committee Secretary



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

I. CALL TO ORDER

Technical Committee Chair Ted Pao called the meeting to order at 1:32 p.m.

II. ANNOUNCE QUORUM – Roll Call

Technical Committee Chair Pao asked for a roll call and acknowledged a quorum was present for Joint Operations and Technical Committee (Joint Committees).

APPROVAL OF MINUTES (A)

A. December 3, 2019 – Special Meeting Minutes

Technical Committee Chair Pao asked for a motion to approve the minutes.

Operations Committee Chair Crongeyer motioned first, seconded by Technical Committee Vice-Chair, Scott England.

Ayes 10: Geiger, Cabrera, Crongeyer, Chidester, Vairo, LaGreek, Walczak, England, Morgan, and Pao.

MOTION APPROVED.

III. PUBLIC COMMENTS – (NONE)

IV. CONSENT CALENDAR – (NONE)

V. REPORTS (B-C)

B. Status Report Update for LTE – Rick Burke

Televate Consultant Rick Burke provided an update on the Long Term Evolution (LTE) Public Safety Broadband Network (PSBN) Round 1 and stated as of May 19, 2020, AT&T FirstNet is transitioning seventy-four (74) LTE sites into the network, with fifty-seven (57) sites currently integrated into the AT&T network and seventeen (17) sites remaining to be integrated.

The remaining sites are forecasted to be integrated by the third quarter of 2020 but could extend into the fourth quarter or later.



This concluded the Status Report for LTE.

C. Status Report Update for LTE2 and LMR – Project Director Chris Odenthal

Project Director Chris Odenthal provided an update on the LMR sites and provided detailed information on which sites are in construction, along with additional details supporting the construction-related activities occurring at these sites to date.

Project Director Odenthal provided and updated on LTE2 and stated for the last month LA-RICS has cleared many of the Site Access Agreement (SAA) hurdles with Irwindale, Covina, and noting the SAA just came in last night from the school board and Claremont. An agreement with the Port of Long Beach is solidified and scheduled to be approved at the JPA Board of Director meeting on June 15, 2020.

Program Director further stated the biggest issue we have is making sure sites receive building permits. LA-RICS had a deep discussion with the Los Angeles County Department of Public Works (DPW) and they have become focused and supportive on what we want to do and the Los Angeles County Fire Department (LACoFD) has stepped in for the Fire and generator reviews.

As of May 18, 2020, LA-RICS had eight (8) permits; MVS2, Azusa Canyon, Inglewood, and Claremont are going to begin shortly, and we expect the Southern California Edison (SCE) sites to move in the next week. Motorola Solutions Inc. (Motorola) is building Long Term Evolution (LTE) sites on Land Mobile Radio (LMR) sites in the United States Forest Service (USFS) with all permits on the LTE2 sites including Whitaker Ridge, which is moving forward and it's a race to build against the clock.

In regards to LMR, construction is proceeding, and we have forty-five (45) of the fifty-eight (58) permits have been issued to date; equaling 70% of the total sites. We have fifty-two (52) of the 58 SAAs, with three (3) outstanding SAAs with the Catalina Conservancy (BJM, DPK, TWR) and Los Angeles County and a couple of mainlander sites, RPVT out in Rancho Palos Verde went to our JPA Board and should be approved in a week or so. There are a couple of sites in the USFS waiting for Special Use Permits (SUP). Burnt Peak is a solar site and a LTE site with electrical and space design lined up for the USFS to issue SUPs in three weeks. LA-RICS has SUPs for 11 of 13 sites and half of them are under construction. We have been making progress in the last two months with the USFS and constructions on those locations.

Lastly, Motorola is in the process of optimizing these sites that have power and connectivity so we are seeing the beginning of each site being cleared through Motorola's process in order to become a part of a cell or a standalone site for



operations. We are currently not turning on a cell that does not have all sites completed.

This concluded the Project Director's Status Report.

VI. DISCUSSION ITEMS (D-F)

D. Regional ISSI Interoperability Working Group – No Report

E. Outreach to California State Universities

Operations Chair Crongeyer provided an Outreach update and stated Cal State University and Northridge (CSUN) and Cal State University at Los Angeles (CSULA) are finalizing their MOUs with LA-RICS and conversations are underway with Cal State Poly Pomona and Cal State University, Long Beach.

Operations Chair Crongeyer went on to state LA-RICS has completed MOU agreements with the Los Angeles County District Attorney's Office and with the State of California Parks Department.

Lastly, Operations Chair Crongeyer closed by stating a report via a discussion item regarding the California Statewide Interoperability Executive Committee (CalSIEC) will be provided at the next Committee meeting.

This concludes the Outreach to California State Universities discussion item.

F. Overview and Status on BTOP Round 2, Objective 2, Deployable Vehicles

Televate Consultant Rick Burke provided an overview and status update on BTOP Round 2, Objective 2 and Deployable Vehicles and provided an overview of LA-RICS CoLT and CoPT:

The CoLT and CoPT deployable assets

Televate Consultant Rick Burke stated Cell on Light Truck (CoLT): Fully contained communications vehicle; taller mast expands coverage area. Cell on Pick-up Truck (CoPT): Better suited to mountainous terrain and limited deployment space; detachable equipment Pod that can be relocated to other vehicles or positioned in site expands deployment flexibility.

A need for the CoLT and CoPT

Televate Consultant Rick Burke stated the CoLT and CoPT compliment and supplement FirstNet broadband wireless coverage. Deliver FirstNet Band 14 coverage into unserved coverage environments:



- Angles National Forrest
- San Gabriel Wilderness
- Santa Monica Mountains
- In-building coverage
- Other unserved areas

Teleate Consultant Rick Burke went on to state the CoLT and CoPT provide the following capabilities: Band 14 eNodeB communications – lower power than typical eNodeB facility. Rapid deployment based on satellite backhaul connectivity (alternative backhaul capabilities integrated) - Committed satellite rate of 1 Mbps up/down with 10 Mbps burst. Will also be equipped with LMR capabilities.

Teleate Consultant Rick Burke stated the CoLT and CoPT will be used to be available to support all emergency incident communications. Request process to follow existing County procedures and coordinate activation directly with AT&T (FirstNet): No coverage, no risk of interference to FirstNet.

Deployable Asset Overview

Teleate Consultant Rick Burke stated the Cabover CoLT x 1; Functional internal equipment layout with capacity for future growth. Estimated coverage range of ½ to 1 mile, 60 ft mast. Longer operational power capacity. Integrated Pickup Truck x 1; Pick-up truck vehicle with integrated mast, satellite and LTE electronics. Estimated coverage range of 1/4 to 1/2 mile, 30 ft mast. Easier to maneuver than Cabover CoLT and can be setup in small areas detachable equipment pod.

CoLT/CoPT Overview

Teleate Consultant Rick Burke also stated two Vendors; Sun West Engineering is designing and constructing the vehicles AT&T is providing eNodeB, satellite and Cradlepoint modems along with satellite service.

Service Overview

Grant requires CoLT vehicles to connect to AT&T core

- LTE Band 14 traffic
- Low power eNodeB - 5-Watts
- Network management
- E911 capabilities
- Deployment restrictions: usable only where there is no reliable FirstNet coverage
- Backhaul: satellite initially but terrestrial connectivity or microwave is possible. Satellite service procured from AT&T for the initial service year. Committed rate of 1 Mbps up/down with 10 Mbps burst



CoLT Status

In regards to the CoLT design, complete full eNodeB operations and up to 6 LMR GTR radios can be supported including antennas and rack space for future use. Also includes mobile antennas for onboard Cradlepoint router. Construction well underway. CoPT design complete, removable pod supports delivery using alternative vehicles “park and go” which, includes antennas and rack space for future use. Up to 2 LMR GTR radios can be supported. Also, includes mobile antennas for onboard Cradlepoint router Construction in progress.

Delivery, Acceptance Test and Training

Televate Consultant Rick Burke stated the following are the remaining tasks with Sun West:

- Preliminary tests in Arizona – early to mid-June)
- Delivery of vehicles in LA (mid-June).
- Final acceptance testing
- Training (up to 20 students)
- Deployment testing

Lastly, Televate Consultant Rick Burke stated the following are the remaining tasks with AT&T:

- Integration/acceptance testing
- Training (up to 20 students)

This concludes the Overview and Status on BTOP Round 2, Objective 2, Deployable Vehicles.

VII. ADMINISTRATIVE MATTERS (G)

OPERATIONS COMMITTEE CHAIR AND VICE-CHAIR – ELECTION

Operations Committee Member Cathy Chidester presented Agenda Item G and recommended the Operations Committee take the following action:

It is recommended that the Operations Committee hold elections for the vacant Chair and Vice-Chairperson Officer positions.

Operations Committee Member Chidester motioned first, followed by Committee member John Geiger.

Ayes 10: Geiger, Cabrera, Crongeyer, Chidester, Vairo, LaGreek, Walczak, England, Morgan, and Pao



MOTION APPROVED.

VIII. MISCELLANEOUS – (NONE)

IX. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE COMMITTEE

X. CLOSED SESSION REPORT – NONE

XI. ADJOURNMENT AND NEXT MEETING:

The Operations and Technical Committee Meeting adjourned at 2:07 p.m., and the next Committee Meeting is will be held on Tuesday, July 21, 2020, at 1:30 p.m., via Teleconference/WebEx.



**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>

SCOTT EDSON
EXECUTIVE DIRECTOR

August 5, 2020

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson 
Executive Director

LTE ROUND 1 TRANSITION UPDATE

The purpose of this discussion item is to provide committee members an update on the LTE Round 1 transition activity.

As of July 15, 2020, AT&T FirstNet has transitioned seventy-three (73) LTE sites into the network, with fifty-seven (58) sites currently integrated into the AT&T network and fifteen (15) sites remaining to be integrated.

The remaining sites are forecasted to be integrated by the first quarter of 2021 with sites being integrated each quarter up until completed.

WST:RB:jh

AGENDA ITEM B



**LOS ANGELES REGIONAL INTEROPERABLE
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Monterey Park, California 91754
Telephone: (323) 881-8291
<http://www.la-rics.org>

SCOTT EDSON
EXECUTIVE DIRECTOR

August 5, 2020

To: LA-RICS Joint Operations and Technical Committee Members
From: Scott Edson 
Executive Director

LTE ROUND 2 CoLT AND CoPT UPDATE

The purpose of this discussion item is to provide an update on the Long Term Evolution (LTE) Round 2 Cell on Light Truck (CoLT) and Cell on Pickup Truck (CoPT).

Attachment

RB:jh



LA-RICS COLT and COPT Joint Operations and Technical Presentation

8/5/2020

AGENDA ITEM C - ATTACHMENT



COLT/COPT Overview

- **Broadband Communications Vehicle Delivery**
 - Cell on Light Truck (COLT): Full contained communications vehicle; taller mast expands coverage area
 - Cell on Pick-up Truck (COPT): Better suited to mountainous terrain and limited deployment space; detachable equipment Pod expands deployment flexibility
- **Vendors**
 - Sun West Engineering (SWE) designed and constructed the vehicles
 - AT&T is providing eNodeB, satellite and Cradlepoint modems along with satellite service
- **Service Overview**
 - Grant requires COLT/COPT vehicles to connect to AT&T FirstNet core
 - LTE Band 14 traffic
 - Low power eNodeB - 5-Watts
 - E9-1-1 capabilities
 - WiFi access and calling capabilities
 - Deployment restrictions – usable only where there is no reliable FirstNet coverage
 - Backhaul - primarily satellite but terrestrial connectivity or microwave is possible
 - Satellite service procured from AT&T for the initial service year
 - Committed rate of 1 Mbps up/down with 10 Mbps burst

Cell on Light Truck (COLT) Overview



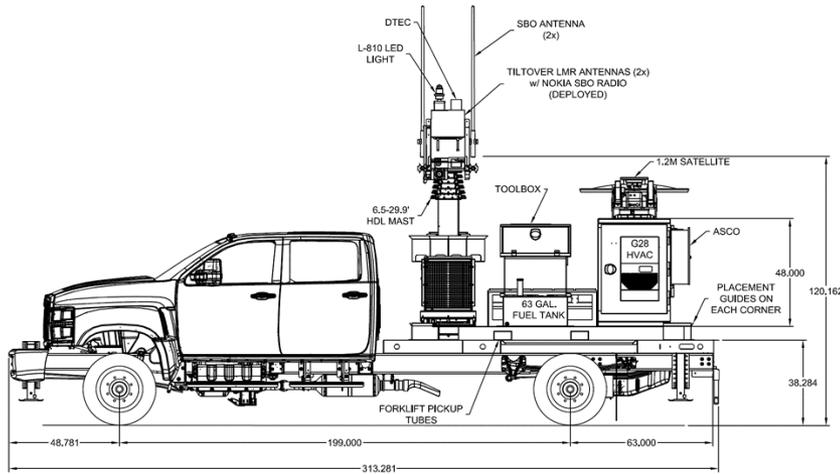
- COLT

- Functional internal equipment layout with capacity for future growth
- Estimated coverage range of ½ to 1 mile
- 60 ft mast
- Longer operational power capacity



AGENDA ITEM C - ATTACHMENT

Cell on Pickup Truck (COPT)



- Integrated Pickup Truck

- Pick up truck vehicle with integrated mast, satellite and LTE electronics
- Estimated coverage range of 1/4 to 1/2 mile
- 35 ft mast
- Easier to maneuver than Cabover CoLT
- Can be setup in small areas – detachable equipment pod

AGENDA ITEM C - ATTACHMENT

COLT/COPT Operations

- Vehicles will be integrated into the LASD Communications and Fleet Management Bureau (CFMB)
 - Members of the LASD Mobile Communications Unit (MCU) will deploy and operate the vehicles
 - Vehicles stored at Sybil Brand Institute
- Vehicle services request process
 - Similar process to what is currently in place
 - Request made directly to Sheriff's Communications Center (SCC)
 - Watch Commander
 - Duty Lieutenant
- COLT/COPT Training
 - Training was conducted on July 21 and





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SCOTT EDSON
EXECUTIVE DIRECTOR

August 5, 2020

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson 
Executive Director

PSBN ROUND 2 DEPLOYMENT UPDATE

The purpose of this discussion item is to provide an update on the Public Safety Broadband Network (PSBN) Round 2 deployment.

Attachment

CO;jh

AGENDA ITEM D

LA-RICS PSBN SITE DEPLOYMENT

Week of 7/27/2020

Site	Site ID	Type		GC	Permit Rec'd	Site Construction Start	Tower Delivered	Tower Construction Complete	Lines & Antennas Complete	Equipment Installation Complete	Site Construction Finish	Close Out	Comments
1	IGPD	Roof	Urban	Metrocell	11/21/2019	12/12/2019	NA	NA	6/26/2020	4/1/2020	6/30/2020	7/22/2020	Site Substantially Complete. Punch Walk 7/8/2020.
2	AZUCYN	Pine	Urban	Jitney	4/14/2020	4/15/2020	6/18/2020	6/23/2020	6/23/2020	6/23/2020	6/30/2020	7/22/2020	Site Substantially Complete. Punch Walk 7/8/2020.
3	MVS2	Colo	Urban	Jitney	4/30/2020	5/13/2020	NA	NA	5/27/2020	6/25/2020	6/30/2020	7/22/2020	Site Substantially Complete. Punch Walk 7/16/2020.
4	IRWDPD	Pole 100'	Urban	Metrocell	5/8/2020	5/20/2020	6/15/2020	6/20/2020	6/30/2020	6/28/2020	6/30/2020	7/22/2020	Site Substantially Complete. Punch Walk 7/15/2020.
5	COUG	Pole	Urban	Jitney	4/27/2020	5/27/2020	6/20/2020	6/25/2020	6/26/2020	6/29/2020	6/30/2020	7/22/2020	Site Substantially Complete. Punch Walk 7/15/2020.
6	WMP2	Colo		MSI	5/19/2020	5/27/2020	NA	5/14/2020	6/25/2020	6/25/2020	6/30/2020	7/22/2020	Site Substantially Complete. Punch Walk 7/9/2020.
7	WTR2	Colo		MSI	5/19/2020	5/27/2020	NA	5/22/2020	6/25/2020	6/25/2020	6/30/2020	7/22/2020	Site Substantially Complete. Punch Walk 7/9/2020.
8	PRG2	Colo		MSI	5/21/2020	5/28/2020	NA	6/1/2020	6/26/2020	6/25/2020	6/30/2020	7/22/2020	Site Substantially Complete. Punch Walk 7/13/2020.
9	THOMSEN	Colo	Urban	Motive	5/28/2020	6/2/2020	NA	NA	7/6/2020	6/25/2020	7/6/2020	7/28/2020	Site Substantially Complete. Punch Walk 7/14/2020.
10	LACFDEL2	Colo	Urban	Motive	5/28/2020	6/3/2020	NA	NA	6/30/2020	6/28/2020	6/30/2020	7/22/2020	Site Substantially Complete. Punch Walk 7/9/2020.
11	UCLA2	Roof	Urban	Metrocell	5/29/2020	6/2/2020	NA	NA	6/21/2020	6/30/2020	6/30/2020	7/22/2020	Site Substantially Complete. Punch Walk 7/8/2020.
12	CRN	Colo	Urban	Motive	5/29/2020	5/29/2020	NA	NA	6/19/2020	6/26/2020	6/30/2020	7/22/2020	Site Substantially Complete. Punch Walk 7/16/2020.
13	LPC2	Colo		MSI	5/21/2020	5/28/2020	NA	6/23/2020	6/30/2020	6/26/2020	6/30/2020	7/22/2020	Site Substantially Complete. Punch Walk 7/13/2020.
14	CLRMPD1	Pine	Urban	Diversified	5/20/2020	5/29/2020	6/22/2020	7/2/2020	7/6/2020	7/7/2020	7/7/2020	7/29/2020	Site Substantially Complete. Punch Walk 7/17/2020.
15	SCEPLM	Pole	Urban	Metrocell	5/28/2020	6/8/2020	6/22/2020	6/25/2020	7/7/2020	7/1/2020	7/7/2020	7/29/2020	Site Substantially Complete. Punch Walk 7/13/2020.
16	SCEDUN	Pole	Urban	Jitney	5/28/2020	6/8/2020	6/22/2020	7/6/2020	7/7/2020	7/3/2020	7/7/2020	7/29/2020	Site Substantially Complete. Punch Walk 7/21/2020.
17	SCEMERC2	Pole	Urban	Diversified	6/4/2020	6/8/2020	6/22/2020	6/26/2020	7/3/2020	7/3/2020	7/7/2020	7/29/2020	Site Substantially Complete. Punch Walk 7/17/2020.
18	SCEGAL	Pole	Urban	Diversified	5/29/2020	6/8/2020	6/29/2020	7/3/2020	7/3/2020	7/7/2020	7/7/2020	7/29/2020	Site Substantially Complete. Punch Walk 7/21/2020.
19	SCENOLA	Pole	Urban	Metrocell	6/1/2020	6/8/2020	6/30/2020	7/3/2020	7/3/2020	6/29/2020	7/7/2020	7/29/2020	Site Substantially Complete. Punch Walk 7/20/2020.
20	SCESTUD2	Pole	Urban	Diversified	6/2/2020	6/8/2020	6/29/2020	7/5/2020	7/6/2020	7/7/2020	7/7/2020	7/29/2020	Site Substantially Complete. Punch Walk 7/20/2020.
21	MML2	Colo		MSI	5/21/2020	7/24/2020	NA	8/28/2020	9/4/2020	9/11/2020	9/18/2020	10/16/2020	
22	MNTBLPD	Pole	Urban	Diversified	6/18/2020	7/31/2020	8/10/2020	9/4/2020	9/11/2020	9/18/2020	9/25/2020	10/23/2020	
23	POLA1 - Best Case	Pole	Urban	Jitney	7/31/2020	8/5/2020	*8/11/2020	9/9/2020	9/16/2020	9/23/2020	9/30/2020	10/28/2020	*Tower and cell blocks will be delivered to site or LA-RICS storage facility
	POLA1 - Medium Case				9/15/2020	*8/11/2020	10/20/2020	10/27/2020	11/3/2020	11/10/2020	12/1/2020	*Tower and cell blocks will be delivered to site or LA-RICS storage facility	
	POLA1 - Worst Case								Forecast 2021	Forecast 2021	Worst case depicts full zoning required from City of LA		
24	POLA2 - Best Case	Pole	Urban	Jitney	7/31/2020	8/5/2020	*8/12/2020	9/9/2020	9/16/2020	9/23/2020	9/30/2020	10/28/2020	*Tower and cell blocks will be delivered to site or LA-RICS storage facility
	POLA2 - Medium Case				9/15/2020	*8/12/2020	10/20/2020	10/27/2020	11/3/2020	11/10/2020	12/1/2020	*Tower and cell blocks will be delivered to site or LA-RICS storage facility	
	POLA2 - Worst Case								Forecast 2021	Forecast 2021	Worst case depicts full zoning required from City of LA		
25	POLB1	Pole	Urban	Motive	8/21/2020	8/24/2020	NA	9/28/2020	10/5/2020	10/12/2020	10/19/2020	11/16/2020	Critical path is planning approval based on hearing 8/20
26	POM2	Roof	Urban	Motive	7/29/2020	8/4/2020	NA	9/8/2020	9/15/2020	9/22/2020	9/29/2020	10/27/2020	JCC has all application and Fees, Awaiting delivery of BP & Stamp CD's. Regular follow currently underway.

Legend	
	Completed
	Forecasted - Scheduled

Tower Type	Qty
Colo	9
Pine	2
Pole	11
Pole 100	1
Roof	3



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>

SCOTT EDSON
EXECUTIVE DIRECTOR

August 5, 2020

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson 
Executive Director

LAND MOBILE RADIO (LMR) UPDATE

The purpose of this discussion item is to provide an update on the Land Mobile Radio (LMR) System; see below for a statistical update:

- Permits issued to date 78% completed
- Site Access Agreement (SAA) process 90% completed
- Started construction on approximately 74% of sites
- Equipment ordered is 89% completed
- Zero recordable injuries to date

There are five (5) outstanding SAAs for the following sites: ESR, BUR1, TWR, BJM, DPK.

Phase 4b work is progressing and schedules for ISD coordination and Optimization of cells Phase 4 with site close out for Phase 2 work underway.

Narrow-banding is underway for Channel 16, with Technical Lead Engineer Ted Pao aiding in that coordination with LASD.

USFS site construction on ESR, MTL2, and BUR1 are scheduled to start in September or sooner.

CO;jh

AGENDA ITEM E



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SCOTT EDSON
EXECUTIVE DIRECTOR

August 5, 2020

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson 
Executive Director

**OVERVIEW AND EFFORTS OF THE REGIONAL ISSI INTEROPERABILITY
WORKING GROUP**

The purpose of this item is to provide the Committee Members an update on the latest efforts of the Regional ISSI Interoperability Working Group.

TP:jh



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SCOTT EDSON
EXECUTIVE DIRECTOR

August 5, 2020

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson 
Executive Director

OUTREACH TO CALIFORNIA STATE UNIVERSITIES

The purpose of this discussion item is to share information with committee members regarding outreach visits with Cal State University, Los Angeles (CSULA), Cal State University, Long Beach (CSULB) and Cal State University, Northridge (CSUN).

SC:sac:jh



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SCOTT EDSON
EXECUTIVE DIRECTOR

August 5, 2020

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson 
Executive Director

RADIO RODEO COMMUNICATIONS EXERCISE

The purpose of this discussion item is to share information with committee members regarding the upcoming Radio Rodeo Communications Exercise hosted by Orange County scheduled to take place on October 29, 2020.

SC:sac:jh



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SCOTT EDSON
EXECUTIVE DIRECTOR

August 5, 2020

To: LA-RICS Joint Operations and Technical Committee Members

From: Scott Edson 
Executive Director

**LACoFD AND LASD LA-RICS FREQUENCY SHARING/RE-ALLOCATION
READINESS/PREPARATION**

The purpose of this discussion item is to provide the Committee Members an opportunity to discuss Los Angeles County Fire Department (LACoFD) and Los Angeles County Sheriff's Department (LASD) LA-RICS Frequency sharing/re-allocation Readiness/Preparation.

SC:jh



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SCOTT EDSON
EXECUTIVE DIRECTOR

August 5, 2020

Joint Operations and Technical Committee Members
Los Angeles Regional Interoperable Communications System Authority (the "Authority")

Dear Committee Members:

APPROVE RECOMMENDATION TO THE LA-RICS JOINT POWERS AUTHORITY BOARD OF DIRECTORS TO APPROVE AMENDMENT NO. 1 TO AGREEMENT NO. 78225 FOR JOINT USE AND SERVICES AGREEMENT

SUBJECT

Request the Joint Operations and Technical Committees to recommend the approval to negotiate and finalize Amendment No. 1 to Agreement No. 78225 for the Joint Use and Services Agreement between the County of Los Angeles (County) Sheriff's Department (LASD) and the Los Angeles Regional Interoperable Communications System (Authority). Upon recommendation from the Joint Committees the items will be presented to the LA-RICS Joint Powers Authority (JPA) Board of Directors and County of Los Angeles Board of Supervisors for approval.

RECOMMENDED ACTION

It is recommended the Joint Operations and Technical Committees:

Recommend approval to negotiate and finalize Amendment No. 1 to Agreement No. 78225 to the JPA Board of Directors for the Joint Use and Services Agreement, in substantially similar form to the attached Enclosure, that contemplates LASD housing, maintaining, insuring and deploying the Authority's Cell on Light Truck (CoLT) and Cell on Pickup Truck (CoPT).

BACKGROUND

On March 6, 2014, the Board delegated authority to the Executive Director to finalize and approve an Agreement between the LASD and the Authority that (a) allowed the Authority to install communications equipment in LASD's Station B, a mobile shelter, for joint use between both agencies; (b) allow joint use of the Authority's System on Wheels (SOW),

AGENDA ITEM J

a separate mobile shelter, between both agencies; (c) LASD to house the SOW; (d) commission LASD to perform preventative maintenance inspections on the communications equipment in Station B and on the SOW in its entirety.

On June 17, 2014, the County of Los Angeles Board of Supervisors approved the Joint Use and Services Agreement between LASD and the Authority.

On February 15, 2018, the Authority submitted the Public Safety Broadband Network (PSBN) Round 2 Project Implementation Plan (PIP) to NOAA and NTIA, which included three Objectives to mitigate coverage and capacity issues throughout the Los Angeles County region. On June 25, 2018, NOAA and NTIA approved, among other things, Objective 2 (Rapid Response Vehicles) contemplated in the PSBN Round 2 PIP which allowed the Authority to procure rapid response vehicles to respond quickly and efficiently in areas where commercial carriers struggle to provide cellular service to end users such as first responders in areas such as mountainous regions.

On April 3, 2019, the Board authorized the Executive Director to issue a procurement to acquire CoLTs and/or CoPTs, certain telecommunication equipment, vehicle installation services, testing, and training. In addition to authorizing the Executive Director to proceed with a procurement for rapid response vehicles, the Board also authorized the Executive Director to negotiate with AT&T Corp. (AT&T) to enter into a sole source agreement to obtain certain components to be installed in the CoLT and CoPT.

The Board also authorized the Executive Director to enter into negotiations for a sole source agreement with AT&T to acquire specialized components and services from AT&T Corp. (AT&T) on April 3, 2019. AT&T is the sole vendor on the FirstNet platform that can provide these goods and services for use on the CoLT and CoPT.

On December 5, 2019, the Board awarded the LA-RICS Authority CoLT and CoPT Agreement with Sun West Engineering, Inc. (Sun West) to procure one (1) CoLT and one (1) CoPT. The Authority entered into an Agreement with Sun West on January 22, 2020.

On March 5, 2020, the Board authorized the Executive Director to enter into the First Responder Mobility Zone (FRMZ) Services Agreement with AT&T which included equipment acquisition for the CoLT and the CoPT but mainly for satellite services. The unique FRMZ equipment and satellite service ensure the CoLT and CoPT have the ability to quickly and efficiently respond to emergencies throughout the Los Angeles County region. The FRMZ agreement was executed on March 17, 2020.

If your Committee's approves recommendation, the enclosed amendment will be presented to the JPA Board of Directors for approval and subsequently presented to the Los Angeles County Board of Supervisors for approval.

On July 7, 2020, the Authority received and accepted the CoLT and CoPT.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

It is necessary that Amendment No. 1 to the Joint Use and Services Agreement is approved to ensure an Agreement is in place to house, maintain and deploy the CoLT and the CoPT, similar to how LASD currently manages the Authority's Site-On-Wheels (SOW) and Authority equipment outfitted on Station B. In doing so, LASD will assume operational ownership and would be responsible for housing, operating, maintaining, insuring and deploying the vehicles for not only LASD but for the Authority and its Members. The Authority shall maintain ownership of all equipment purchased for the life of the equipment.

Since an agreement is already in place for the Authority's SOW and Authority equipment outfitted on Station B, it is appropriate to amend this agreement to include the CoLT and the CoPT.

FISCAL IMPACT/FINANCING

The activity contemplated in the recommended action has no fiscal impact to the Authority.

FACTS AND PROVISIONS/LEGAL REQUIREMENT

Counsel to the Authority has reviewed the recommended action.

CONCLUSION

Upon the Committees' approval of the recommended action, Authority staff will present the amendment to the Board for approval.

Respectfully submitted,



SCOTT EDSON
EXECUTIVE DIRECTOR

JA

D:\MEMORANDUM OF UNDERSTANDING-SERVICES\Station B & SOW\Amendment No. 1 (COLTS)\Tech & Ops\Ops Tech Letter_COLT MOU Amendment 1_07-31-20.docx

Enclosure

c: Counsel to the Authority

**AMENDMENT NUMBER ONE
TO AGREEMENT NO. 78225 FOR
JOINT USE AND SERVICES AGREEMENT BY AND BETWEEN
THE COUNTY OF LOS ANGELES AND THE LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS SYSTEM**

This Amendment Number One (together with all exhibits, attachments, and schedules hereto, ("Amendment No. 1") to Agreement No. 78225 – Joint Use and Services Agreement ("Agreement") is entered into by and between the County of Los Angeles ("County") and the Los Angeles Regional Interoperable Communications System Authority ("Authority"), effective as of _____, 20__ based on the following recitals:

RECITALS

WHEREAS, the County, through the Los Angeles County Sheriff's Department ("Department") and the Authority have entered the Agreement for the joint use of certain equipment and services as detailed herein, dated as of June 17, 2014 (together with any exhibits, attachments, and schedules thereto, all as amended prior to the date hereof).

WHEREAS, the Agreement allowed the Department and the Authority to (a) have joint use of the Department's existing technical communications trailer, County vehicle number SX1335 ("Station B") as a site-on-wheels to provide supplemental coverage during emergencies or pre-planned events for the Authority, Department, and Authority's other Member Agencies; (b) the installation of certain Authority-owned Land Mobile Radio ("LMR") equipment in Station B; (c) to have joint use of the Authority's System on Wheels ("SOW") in the event of an emergency or loss of coverage at a communications site for the Authority, Department, and the Authority's other Member Agencies; and (d) commission the Department to provide preventative maintenance inspections on the Authority's communications equipment on Station B and the Authority's SOW in its entirety.

WHEREAS, the Authority and Sun West Engineering, Inc. (Sun West) entered into an agreement to procure a Cell on Light Truck ("COLT") and a Cell on Pickup Truck ("COPT") and desires to permit the Department to have joint use of the COLT and COPT to have the ability to respond quickly and efficiently to emergencies in urban areas as well as areas outside of the Department's existing coverage footprint such as mountainous regions; thereby, extending and enhancing coverage and capacity beyond the Department's static infrastructure wherever needed.

WHEREAS, the Authority and AT&T Corporation, ("AT&T"), entered into an agreement to allow the Authority to utilize AT&T's First Responders Mobility Zone ("FRMZ") satellite services ("FRMZ Agreement") which includes (a) deployable equipment ("FRMZ Equipment") that provides AT&T Band Class 14 4G LTE wireless coverage where permanent coverage is not available in AT&T licensed areas; (b) wireless service (FRMZ Wireless Service) between compatible devices and the FRMZ Equipment; (c) AT&T-provided satellite services connecting to the FirstNet Evolved Packet Core

(FRMZ Satellite Service) and other network transport services developed by the parties and approved by AT&T and (d) related management services (FRMZ Network Management Support Services).

WHEREAS, the Department is agreeable to deploying the COLT and COPT in a manner prescribed by the specialty vehicle's manufacturer and in accordance with the FRMZ Agreement.

WHEREAS, the Department is agreeable to house the COLT and COPT and provide preventative maintenance inspections and maintenance of the vehicles and/or components that are not covered by specific warranties or upon expiration of the specific warranties in accordance with the specialty vehicle manufacturer's guidelines.

WHEREAS, the Authority and the County desire to further amend the Agreement pursuant to this Amendment No. 1 to make changes necessary to expand Section 1.0 (Scope of Work) to (a) contemplate joint use of the Authority's COLT and COPT by the Department and the Authority, (b) deploy the COLT and COPT in a manner prescribed by the specialty vehicle's manufacturer and in accordance with the FRMZ Agreement, (c) house the COLT and COPT and provide preventative maintenance inspections in accordance with the specialty vehicle manufacturer's guidelines, (d) insure the COLT and the COPT; (e) revise Exhibit A (Agreement Budget) to identify Authority funded equipment, the Department's personnel, and any assets related to the COLT and COPT; and (f) make other certain changes as set forth in this Amendment No. 1.

WHEREAS, this Amendment No. 1 is authorized under Section 13.0 (Amendments) of the Agreement.

NOW THEREFORE, in consideration of the foregoing recitals, all of which are incorporated as part of this Amendment No. 1, and for other valuable consideration, the receipt and sufficiency of which are acknowledged, County and Authority hereby agree as follows:

1. Section 1.0 (Scope of Work) of the Agreement shall be revised to include new Section 1.6 (Cell on Light Truck [COLT] and Cell on Pick Up Truck [COPT]) as follows:

1.6 CELL ON LIGHT TRUCK (COLT) AND CELL ON PICK UP TRUCK (COPT)

- 1.6.1 The County, through the Department, and the Authority agree to joint use of the Authority's COLT and COPT. The vehicle, installation, configuration, and associated services will be provided by Sun West.
- 1.6.2 The Department and the Authority agree to joint use of the Authority's COLT and COPT. The Department will provide the personnel and/or assets necessary, in accordance with Exhibit A

(Agreement Budget) of this Agreement, to deploy and maintain the COLT and COPT.

1.6.3 The Department and the Authority agree to the following:

- a) The Department will house the COLT and COPT and provide preventative maintenance inspections in accordance with manufacturer's recommendations and the FRMZ Agreement requirements on the Authority's COLT and COPT in their entirety including, but not limited to, the vehicles and their components therein.
- b) The preventative maintenance inspections will include systematic inspections and testing of the Authority's COLT and COPT in their entirety including, but not limited to, the vehicle and its components therein, to ensure the satisfactory operation of the Authority's communications equipment.
- c) In the event that the Department detects malfunctions, irregularities and/or potential failures of the Authority's COLT and/or COPT in their entirety including, but not limited to, the vehicle and its components therein, the Department will notify the Authority within two (2) business days and will immediately leverage the existing warranties of the vehicles and/or its components, and then, if necessary, utilize the Authority's service agreements to resolve the deficiency.
- d) In the event that the Department is unable to perform the preventative maintenance inspections in accordance with the manufacturer's specifications or make (or cause to make) repairs to malfunctioned equipment, such as when a specialist for the vehicle is required or an item's warranty does not cover the malfunctioned equipment, then the Department shall notify the Authority. In such a case, the parties shall share the responsibility to resolve the matter. In the event the deficiency was caused by neglect of the Department, the Department shall be solely responsible for making necessary arrangements to resolve the issue.
- e) In the event there is a need to make repairs and/or provide maintenance to the COLT and/or the COPT, inclusive of any malfunctioned equipment, not covered by warranties, and such repairs are extensive and/or cost prohibitive, the Department and the Authority will enter into discussions and come to a mutually agreeable solution to ensure such

repairs and/or maintenance costs are feasible based on the availability of funding for both parties, otherwise the parties will work together to seek funding necessary to provide the required repair/maintenance work.

- f) With respect to equipment upgrades that may be necessary for the COLT and/or the COPT to remain technically operational, the Department and the Authority will enter into discussions and come to a mutually agreeable solution on the viability of any such upgrades based on the availability of funding of both parties otherwise the parties will work together to seek funding necessary to provide the required repair/maintenance work.
- g) With respect to the COLT and the COPT, the Department has agreed to insure the COLT and COPT as part of its fleet. In the event the Department is no longer able to insure the COLT and the COPT, the Department will notify the Authority prior to cancelling coverage and will enter into discussions to identify insurance plan based on the availability of funding of both parties. Otherwise, the parties will work together to seek funding necessary to insure the vehicles.
- h) With respect to the COLT and COPT registration, the Department and the Authority enter into discussions and come to a mutually agreeable solution to ensure the vehicles are registered, based on the availability of funding of both parties. Otherwise, the parties will work together to seek funding necessary to register the vehicles.

1.6.4 The Department and the Authority agree that the Department will deploy the COLT and/or COPT in accordance with Section 3.0 (Deployment of Mobile Communications Unit) of this Agreement to provide the following:

- a) supplemental coverage during emergency situations for the Department, the Authority, and its Member Agencies;
- b) temporary replacement coverage when the emergency situations result in loss of a communications site;
- c) and otherwise as the parties may agree.

1.6.5 The services provided by the Department with respect to the COLT and COPT are not all inclusive and may be provided by any number and any level of Department members, as the

Department determines appropriate, subject to the budget set forth in Exhibit A (Agreement Budget).

2. Section 2.2 of the Agreement is deleted in its entirety and replaced with the following:

- 2.2 The Department has designated personnel and/or assets required to house, deploy, and provide preventative maintenance inspections in accordance with manufacturer's recommendations to the Authority's communications equipment installed in Station B, the Authority's SOW, and the Authority's COLT and COPT. Moreover, with respect to the Authority's COLT and COPT, each vehicle and its components maintain specific warranties to cover certain deficiencies that will be utilized to the fullest extent until such time as they expire. The Department has designated personnel and/or assets to either manage third party vendors (including agreements that the Authority holds with Sun West and AT&T), or to directly make necessary repairs, to restore the vehicles (COLT and COPT) and their respective equipment in order to ensure full deployment readiness as may be needed. The Department will assume responsibility of the COLT and COPT's vehicle and/or components upon expiration of their specific warranties.

3. Section 3.0 (Deployment of Mobile Communications Unit) of the Agreement is deleted in its entirety and replaced with the following:

3.0 DEPLOYMENT OF MOBILE COMMUNICATIONS UNIT

Station B and the Authority's SOW, COLT, and COPT shall be deployed in a manner consistent with the Department's Mobile Communications Unit ("MCU") activation procedures pursuant to Communications and Fleet Management Bureau ("CFMB") Unit Order: 3-08-020, Section 2 (hereinafter referred to as "Unit Order") which may be updated from time to time, and is incorporated herein by this reference. The Unit Order sets forth the activation procedures and protocols that the Department will adhere to when deploying Station B, the Authority's SOW, COLT, and COPT. The Unit Order details the deployment procedures which includes, but is not limited to, the following:

- a) Intake responsibilities
- b) Duty Lieutenant responsibilities and MCU response determination
- c) Response team "Call-Out" and designated responsibilities
- d) Pre-planned responses/events (if appropriate) for the SOW
- e) Participation in functional exercises

With respect to the COLT and COPT, the Unit Order may require future mutually agreeable revisions associated with FRMZ Agreement terms mandated by AT&T. The Department acknowledges that it is acting as

Authority's agent regarding the COLT and COPT deployments and will comply with all applicable FRMZ Agreement terms. The Department, pursuant to the FRMZ Agreement, in particular the AT&T Business Service Guide, between AT&T and the Authority, shall deploy the COLT and/or the COPT, which shall be in a collaborative effort with FirstNet/AT&T. In the event that the COLT and/or COPT does not have the requisite satellite data service, the agency requesting AT&T LTE service from the COLT or COPT will be responsible for purchasing satellite data service from a Department authorized satellite service provider.

4. Section 4.0 (Department Responsibilities) of the Agreement is deleted in its entirety and replaced with the following:

4.0 DEPARTMENT RESPONSIBILITIES

- 4.1 Department Project Manager:

Los Angeles County Sheriff's Department
Communications Lieutenant
1277 North Eastern Avenue
Los Angeles, CA 90063

Department Project Manager Designee:

Los Angeles County Sheriff's Department
Communications Sergeant 1277 North Eastern Avenue
Los Angeles, CA 90063

- 4.2 The Department agrees to provide preventative maintenance inspections to (a) the Authority provided communications equipment installed on Station B, which is set forth on Exhibit A (Agreement Budget) of this Agreement; (b) the Authority's SOW in its entirety including, but not limited to, the trailer and its components therein, in accordance with Section 1.0 (Scope of Work) of this Agreement throughout the term of this Agreement; and (c) the Authority's COLT and COPT in their entirety in accordance with Section 1.0 (Scope of Work).
- 4.3 It is understood that Station B, as well as all prior existing Department-purchased equipment, shall remain the property of the Department. The Department is responsible for the maintenance of the Station B trailer and all prior existing Department-purchased equipment. Should the Department's equipment malfunction, the Department shall repair or, if necessary, replace the equipment at the expense of Department.

- 4.4 It is understood that the SOW, COLT, and COPT shall remain the property of the Authority. The Department is responsible for the preventative maintenance of the SOW as the SOW and the equipment contained therein is covered by the Authority's Warranty under its LMR Agreement. With respect to the COLT and COPT the Department is responsible for preventative maintenance and maintenance of vehicles and/or components that are not covered by specific warranties or upon expiration of the specific warranties for as long as the vehicles remain in the Department's possession. Should the Authority's equipment malfunction on the SOW, COLT, or COPT, the Department shall notify the Authority within two (2) business days in accordance with Section 1.6.3.c.
 - 4.5 When not in use, the Department will house Station B at Los Angeles County Sheriff's Communication Center ("SCC"), a Department-secured facility located at 1277 N. Eastern Avenue, Los Angeles, CA 90063, unless otherwise specified and agreed to by the Department and the Authority.
 - 4.6 When not in use, the Authority's SOW will be housed at a location designated by the Department.
 - 4.7 When not in use, the Department will house COLT and COPT at Los Angeles County Sheriff's Department Sybil Brand Institute ("SBI"), a Department-secured facility located at 4500 City Terrace Drive, Los Angeles, CA 90063, unless otherwise specified and agreed to by the Department and the Authority.
5. Section 5.1 of Section 5 (Authority Responsibilities) of the Agreement is deleted in its entirety and replaced with the following:
 - 5.1 The Authority will provide, or cause to be provided, reimbursement to the County for the costs of personnel and/or assets required for the Department's deployment of Station B, the SOW, the COLT, and the COPT in accordance with Paragraphs 7.5 and 7.7 below, and for the Department's performance of preventative maintenance inspections on Station B and the SOW as required herein. Reimbursement to the County shall be in accordance with the rates set forth in Exhibit A (Agreement Budget) to this Agreement, as updated from time to time. Notwithstanding any provision hereof to the contrary, no overhead or other administrative costs will be reimbursed by the Authority.
6. Section 5.3 of Section 5 (Authority Responsibilities) of the Agreement is deleted in its entirety and replaced with the following:
 - 5.3 It is understood that any additional equipment purchased by either party and installed in Station B, the SOW, the COLT, or the COPT during the term of

this Agreement shall remain the property of the purchasing party. The design, implementation, and testing of the additional equipment will be coordinated with the non-purchasing party.

7. Section 7.0 (Payment Procedures) of the Agreement shall be revised to include new Sections 7.8 through 7.11 as follows:
 - 7.8 In the event that the COLT is deployed to respond to an incident or event solely related to the Department, the Department shall pay for all costs associated with such deployment.
 - 7.9 In the event that the COLT is deployed to respond to an incident or event solely related to the Authority or its Member Agencies (not including the Department), the Authority shall pay or cause its Member Agencies to pay for all costs associated with such deployment.
 - 7.10 In the event that the COPT is deployed to respond to an incident or event solely related to the Department, the Department shall pay for all costs associated with such deployment.
 - 7.11 In the event that the COPT is deployed to respond to an incident or event solely related to the Authority or its Member Agencies (not including the Department), the Authority shall pay or cause its Member Agencies to pay for all costs associated with such deployment.
8. Exhibit A (Agreement Budget) to this Agreement is deleted in its entirety and replaced with Exhibit A (Agreement Budget) attached to this Amendment No. 1, which among other things, reflects the inclusion of the COLT and COPT, the Department's personnel required to deploy the COLT and COPT, and any assets related to the COLT and COPT.
9. This Amendment No. 1 may be executed in one or more original or facsimile counterparts, all of which when taken together shall constitute one in the same instrument.
10. The Authority and person executing this Amendment No. 1 on behalf of the Authority hereby represent and warrant that the person executing this Amendment No. 1 for Authority is an authorized agent who has actual authority to bind the Authority to each and every provision, term, and condition of this Amendment No. 1 and that all Authority requirements have been fulfilled to provide such actual authority.
11. Except as provided in this Amendment No. 1, all other provisions, terms, and conditions of the Agreement shall remain the same and in full force and effect.

* * *

**AMENDMENT NUMBER ONE
TO AGREEMENT NO. 78225
FOR JOINT USE AND SERVICES AGREEMENT BY AND BETWEEN
THE COUNTY OF LOS ANGELES AND THE LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS SYSTEM**

IN WITNESS WHEREOF, the parties hereto have caused this Amendment No. 1 to be executed on their behalf by their duly authorized representatives, effective as of the date first set forth above.

**LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS
SYSTEM AUTHORITY**

COUNTY OF LOS ANGELES

By: _____
Scott Edson
Executive Director

By: _____
Kathryn Barger
Chair, Board of Supervisors

APPROVED AS TO FORM FOR THE
LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS
SYSTEM AUTHORITY:

ATTEST:
CELIA ZAVALA
Executive Officer-Clerk

MARY C. WICKHAM
County Counsel

By: _____
Truc L. Moore
Principal Deputy County Counsel

By: _____
Deputy

APPROVED AS TO FORM FOR
COUNTY:

MARY C. WICKHAM
County Counsel

By: _____
Michelle Jackson
Principal Deputy County Counsel