

**Public Safety
Communications Users
Committee Meeting**



Date: Thursday, August 18, 2011
Time: 9:00 a.m.
Location: Mid-America Regional Council Board Room

Agenda

- 1) Call to order
- 2) Approval of May 18th, 2011 meeting summary
- 3) Discussion of changes to UASI grant program
- 4) Consideration of reprogramming PSIC and IECGP grant funds
- 5) Consideration of reprogramming UASI grant funds for Platte County
- 6) Missouri and Kansas legislation update
- 7) Update: 9-1-1 Network Upgrade Plan
- 8) Consideration of critical spare parts purchase for RAMBIS system
- 9) Consideration of equipment purchase for 9-1-1 microwave system
- 10) Consideration of Regional Interoperability Communications Committee co-chair vacancy
- 11) Interoperability Update
 - a. RAMBIS Update
 - b. Regional Interoperability Communications Committee
 - c. MARRS Update
- 12) 9-1-1 System Report
 - a. Database
 - b. 9-1-1 Training Program Update
 - c. Public Outreach Update
 - d. Financial Update
- 13) Other Business
- 14) Adjournment



Public Safety Communications

Users Committee Meeting

Wednesday, May 18, 2011

Meeting Summary

Agencies Present:

William Bonfield, Kansas City, Kan. Fire Department
Ben Chlapek, Central Jackson County Fire Protection District
Ron Cranor, Leavenworth County Sheriff's Office
Steve Davidson, Johnson County Sheriff's Office
Connie Felten, Lee's Summit Police Department
Dale Finger, Leawood Police Department
Candy Gram, Riverside Department of Public Safety
Tim Gridley, Kansas City, Mo. Health Department
Jack Holzer, Johnson County Emergency Communications Center
Dan Hood, City of Blue Springs
Steve Hoskins, Kansas City, Mo. Police Department
Annette Jensen, Independence Police Department
Bob Kuehl, Kansas City, Mo. Police Department
Chuck Magaha, Leavenworth County Emergency Management
Jesse McLendon, North Kansas City Police Department
John Moyer, Metropolitan Community College Police Department
Debra Napier, Clay County Sheriff's Office
Dwight Purtle, Johnson County Emergency Communications Center
Caroline, Rader, Lee's Summit Police Department
Jeane Rast, Kansas City, Mo. Police Department
Kim Romine, Gladstone Police Department
Mike Shelton, Riverside Department of Public Safety
Allan Sneller, Overland Park Police Department
Virgel Stigall, Lenexa Police Department
Robin Tieman, Cass County 9-1-1
Vince Walk, Shawnee Police Department
Stephen Wright, Clay County Sheriff's Office

MARC Staff: Keith Faddis, Hassan Al-Rubaie, Terry Bradshaw, Paul Dowling Adam Geffert, Saralyn Hayes, Jen Houston, Pam LaVergne, Sally McGraw, Nikki Thomas

1) Call to order

Bob Kuehl called the meeting to order. Introductions were made

2) Approval of February 16, 2011 meeting summary

Chuck Magaha made a motion to approve the summary of the February meeting. Ron Cranor seconded the motion. The meeting summary was approved as presented.

3) EmFinders System Presentation

Saralyn Hayes provided an overview of the EmFinders system.

4) 9-1-1 Network Upgrade Presentation

a. Plan to connect wireless routers to RAMBIS microwave system

Terry Bradshaw reported the migration of wireless and VoIP 9-1-1 traffic from the current commercial T-1 network to the RAMBIS microwave network is scheduled to begin soon. The first phase of this project is to connect the Lee's Summit and Olathe selective routers to the microwave network. Keith Faddis stated the T-1s will stay in place until the microwave network is proven. The financial impact of the project is \$76,235.07. The monthly recurring charge for both T-1 circuits is \$1,076.00 for the life of the contract. When a disconnect order is issued before the term of the contract, an early termination fee of 40 percent of the remaining contract balance will apply. As a result of disconnecting the two leased T-1s, the 2012 network budget can be reduced by \$12,912.00. Funding will come from the 9-1-1 Equipment Replacement Fund. MARC Public Safety staff recommended the Public Safety Users Committee approve this project.

Chuck Magaha made a motion to recommend approval the project to the Public Safety Communications Board. Jesse McLendon seconded the motion. All were in favor, none opposed.

b. Plan to connect Shawnee PSAP to RAMBIS microwave network

Terry Bradshaw reported that MARC staff will begin migration of wireless and VoIP 9-1-1 traffic from the current commercial T-1 network to the RAMBIS microwave

network. After connecting the wireless selective routers, the next phase of the project is to connect Shawnee Police Department to the microwave network. This will require interconnection between the RAMBIS microwave network and the Johnson County microwave network. Hardware, software, installation, and maintenance to connect Shawnee Police Department to the RAMBIS microwave network are included in the project budget. The financial impact of this project is \$27,709.56. The project budget includes the hardware, software, installation and maintenance necessary to connect the Shawnee Police Department to the RAMBIS microwave network. This migration will reduce the 2012 network budget by \$7,296.00. Funding will come from the 9-1-1 Equipment Replacement Fund. MARC Public Safety staff recommended the Public Safety Users Committee approve this project.

Jesse McLendon made a motion to recommend approval the project to the Public Safety Communications Board. Steve Davidson seconded the motion. All were in favor, none opposed.

5) Consideration of ALI Server Upgrade

Terry Bradshaw stated that the MARC regional 9-1-1 network uses two Sentinel ALI servers with version 2.2.7 hardware and software for data communications with wireless, VoIP and telematics ALI database providers. Version 2.2.7 is outdated and cannot be upgraded to the present-day data exchange formats necessary for telematics customers. Cassidian Communications (formerly PlantCML) recommends upgrading the present ALI servers' hardware and software in the MARC regional 9-1-1 network from version 2.2.7 to version 3.3. After the ALI servers are upgraded and the database management system (DBMS) is added, GeoLynx software will be upgraded throughout the MARC region. The Sentinel ALI version 3.3 servers provide the new hardware and software necessary to solve the telematics issue, upgraded ALI statistics, a DBMS unit, and software for future Next Generation 9-1-1 applications. The financial impact of this project is \$33,269.44, which will be used to purchase hardware, software, installation and maintenance. Funding will come from the 9-1-1 Equipment Replacement Fund. MARC Public Safety staff recommended the Public Safety Users Committee approve this project.

Steve Hoskins made a motion to recommend approval the project to the Public Safety Communications Board. Steve Davidson seconded the motion. All were in favor, none opposed.

6) Consideration of Gladstone Cost-share Request

Nikki Thomas reported that Gladstone Public Safety recently added a third dispatch console and has submitted a cost-sharing request for the addition of one 9-1-1 answering position to equip the console. Gladstone Public Safety currently serves as the back-up PSAP for North Kansas City Police Department and with future radio enhancements, will be able to back up the city of Riverside. No additional network capacity is needed. The primary service area is the city of Gladstone, Missouri. This PSAP dispatches for the communities of Oakwood Park, Oakwood and Oaks for fire/EMS. One 9-1-1 answering position will be reallocated from the regional surplus inventory. This will minimize the cost and will not add any new positions to the regional inventory. The not-to-exceed quote of \$1,405.00 includes the reallocated position, monitor, software, licensing and installation.

Consideration should be given to increased call volume in the next one to two years, shift variance and peak call periods, supervisory and training positions, and back-up positions for on-site equipment failure or severe weather, etc. The 9-1-1 Technical Sub-committee recommended approval of one Cassidian Communications 9-1-1 answering position to be cost-shared based upon the equipment requested, staffing capability and operational plan of use. The cost for the one additional position is \$1,405.00, which includes hardware, software, licensing, installation and five years of maintenance. MARC Public Safety staff recommended the Public Safety Users Committee approve the cost share request.

Steve Davidson made a motion to recommend approval the cost share request to the Public Safety Communications Board. Jesse McLendon seconded the motion. All were in favor, none opposed.

7) Consideration of Regional Communications Coordinator (COMC) candidate

Nikki Thomas reported that the director of public safety has received an application for appointment for Steve Hoskins to the position of Regional COMC. His agency, the

Kansas City, Mo., Police Department, has approved the service commitment associated with the Regional COMC position. Steve Hoskins has met the selection criteria outlined in the Regional COMC and COML Core Competencies and Selection Criteria adopted by the Public Safety Communications Board. The Regional Interoperability Communications Committee met on March 11, 2011 and recommended appointment of Steve Hoskins as Regional Communications Coordinator.

Jesse McLendon made a motion to recommend approval the cost share request to the Public Safety Communications Board. Dwight Purtle seconded the motion. All were in favor, none opposed.

8) Interoperability Update

RAMBIS Update – Terry Bradshaw reported there are currently eleven RAMBIS sites. Three roll calls are performed each month. The system had been used successfully recently by Independence Police Department, Jackson County Sheriff's Office, North Kansas City Police Department and the Missouri Highway Patrol.

Regional Interoperability Communications Committee – Nikki Thomas reported that the committee met on March 11. They discussed the COMC, COMT and COML programs. Thomas also stated UASI funding is very unsure now. At that time, two full time staff members were paid with those funds as well as 2 towers. She stated the narrow banding deadline is January 2013.

MARRS Update – Keith Faddis stated the Management Council is still reviewing the maintenance cost model from Motorola. More radios drive down the costs. Approval should come within thirty days. MARCER is working towards joining MARRS.

9) 9-1-1 System Report

Database – Saralyn Hayes reported the PSAPs will participate in a contest for submitting error reports to MARC staff beginning June 1. The VLQ showed the number of landlines is down 1.7% which is lower than the national average and is due in part to the Time Warner transition to VoIP. She expects other cable companies to shift to VoIP like Time Warner has done. Hayes stated the MSAG ALI map data must be in sync to 98% accuracy. She also stated the Clay County parks project to map trails has started.

9-1-1 Training Program Update – Greg Hook reported his participation as a vendor at the Kansas APCO Conference was well received. A needs assessment will be developed and distributed to identify gaps in the training program. An RFP is out to select a vendor to develop curriculum to meet training standards. Hook is working on the 2012 calendar of classes and topics for the Professional Development Series. There will be two sessions of COMT in 2012 in Overland Park.

Public Outreach Update – Jen Houston reported that the annual Telecommunicators Appreciation Celebration in April was well attended. The highlight of the evening was the presentation of OPA Awards. She is recruiting OPA committee members for 2012. The 9-1-1 Hero Award is being given to a five year old girl in Independence.

Nominations are always accepted for 9-1-1 Heroes. This year's 9-1-1 Day at the Ballpark for a T-Bones game will be held on August 13. The PSAP Managers' Forum is in the process of being reconstructed.

Financial Update – Adam Geffert provided information on expenditure through the first quarter of 2011. The Telecommunicators Appreciation Celebration event came in under budget as well as reductions in database costs and cost shares. The equipment replacement fund is \$491,000, adding approx. \$83,000 monthly.

10) Other Business – Keith Faddis stated Walt Way is attending state 9-1-1 legislation meetings. All 9-1-1 funds collected in Kansas will be sent to the state and distributed by the state to the PSAPs (Senate Bill No. 50). Missouri is still working on 9-1-1 legislation

11) Adjournment – Bob Kuehl adjourned the meeting.

ISSUE

Discussion of changes to UASI grant program

BACKGROUND

Keith Faddis will discuss recent changes to UASI funding in the Kansas City area, and the impact this has on regional public safety.

POLICY IMPLICATIONS

The Regional Homeland Security Coordinating Committee has initiated a review of all current and on-going projects, as well as sustainment of those projects, to ensure remaining funds are used appropriately.

FINANCIAL IMPACT

To be determined

RECOMMENDATION

Informational purposes only; no formal action required.

ISSUE

Consideration of reprogramming PSIC and IECGP grant funds

BACKGROUND

Due to the significant upgrade costs that became necessary for Independence to function as a host site on the MARRS network, the city is considering alternative ways to join the system, including connecting to the Kansas City, MO master site. Doing so will require changes to the master site configuration, license transfers, and equipment purchases, as well as radio reprogramming.

Secondly, recent changes in PSIC grant regulations allow funding to be used to meet the FCC narrowbanding requirement. As a result, MARC seeks to utilize these funds to provide assistance to several agencies which have not yet gone through the narrowbanding process.

POLICY IMPLICATIONS

None

FINANCIAL IMPACT

The total cost to connect the Independence radio system to the Kansas City, MO master site is \$298,763.00. \$108,254.99 of the needed funds will come from the FY08 IECGP grant, while the remaining \$190,508.01 will come from the FY08 PSIC grant. Additionally, a maximum of \$280,000.00 will be needed to complete the narrowbanding project, and \$10,000.00 will be utilized for staff training. These purchases will close out the IECGP grant, and leave \$130,949.12 in PSIC.

RECOMMENDATION

MARC staff recommends the Public Safety Users Committee approve the proposed reprogramming of grant funds.

ISSUE

Consideration of reprogramming UASI grant funds for Platte County

BACKGROUND

The 2009 UASI Interoperability grant program included \$25,000.00 for consulting services. These services were to be provided by Tusa Consulting, and funds were intended to deliver assistance to agencies who were considering joining the Metropolitan Area Regional Radio System (MARRS). Platte County is negotiating with Tusa to provide consulting services for the design and implementation of a new radio system with the intent to make it part of MARRS. Grant funds have been requested to contribute toward payment of these services.

POLICY IMPLICATIONS

A review of the Tusa proposed scope of work would indicate Task 1.0 and Task 3.0 would fit the criteria of the grant.

FINANCIAL IMPACT

The financial impact of this request would be \$7,560.00.

RECOMMENDATION

MARC staff recommends the Public Safety Users Committee approve the use of \$7,560.00 of UASI grant funds to provide Platte County consulting services to assist in joining MARRS.

Platte County - Phase II and Phase III Costs



tusa | consulting services
Our Radio Systems Speak for Themselves.

Project Type: Sole Source Vendor, Project Deployment Supervision
Assumption: 12 month design/deployment

PHASE II - SYSTEM DESIGN

Task	Description	Hours	Cost
1.0	Conceptual design review with selected vendor/finalize design	16	\$2,160
2.0	Site identification and visits	40	\$5,400
3.0	Detailed design review with vendor	40	\$5,400
4.0	Establish project schedule and deliverables	24	\$3,240
5.0	Contract negotiations support	40	\$5,400
		Subtotal Phase II	\$21,600

PHASE III - SYSTEM DEPLOYMENT

Task	Description	Hours	Cost
1.0	Kickoff Meeting - formal project initiation	16	\$2,160
2.0	Project Management/Supervision		
2.1	Site acquisition support	160	\$21,600
2.2	Staging	48	\$6,480
2.3	Infrastructure installation (2 days/wk for 12 months = 104 days)	832	\$112,320
3.0	System Testing/Acceptance with County and vendor	40	\$5,400
4.0	Project closeout meeting	16	\$2,160
5.0	TCS Project Advisor Oversight	48	\$6,480
		Subtotal Phase III	\$156,600
		Total	\$178,200
<i>Costs are inclusive of all local travel expenses.</i>			

ISSUE

Missouri and Kansas legislation update

BACKGROUND

Keith Faddis will discuss legislative changes at the state level that will impact 9-1-1 and public safety in the future.

POLICY IMPLICATIONS

None

FINANCIAL IMPACT

Due to legislation changes in the state of Kansas, beginning January 1, 2012, the monthly 9-1-1 fee will be set at 53 cents per line for all subscribers. Prepaid cell phone users will contribute to the 9-1-1 financing with a 1.06 percent tax on retail transactions. This legislation will change how 9-1-1 revenue is collected and dispersed to the Kansas counties in the MARC region.

RECOMMENDATION

Informational purposes only; no formal action required.

ISSUE

Update: 9-1-1 Network Upgrade Plan

BACKGROUND

The Automatic Location Identification (ALI) servers located in Lee's Summit and Olathe are scheduled to be upgraded from version 2.2.7 to version 3.3 by Cassidian Communications & Commenco during the middle of August. The upgraded ALI servers provide the capability to handle Telematics calls. Along with the ALI upgrades the new Database Management System (DBMS) will be installed in the MARC Office during the same time.

Under the direction of the Public Safety Communications Board and Users Committee, MARC staff will begin the migration of wireless and VoIP 9-1-1 traffic from the current commercial T-1 network to the RAMBIS microwave network. The first phase of this project, connecting the Lee's Summit and Olathe selective routers to the microwave network, is underway. All of the microwave and terminal equipment for connecting the Lee's Summit router to both of the RAMBIS microwave sites has been ordered. Additionally, microwave and terminal equipment for connecting the Shawnee Police Department PSAP to the Bonner Springs RAMBIS microwave site and the Johnson County network has been ordered.

Since this is the first phase of future network design, the equipment will be installed in a lab environment for testing to help develop network configuration plans.

POLICY IMPLICATIONS

None

FINANCIAL IMPACT

None

RECOMMENDATION

Informational purposes only; no formal action required.

ISSUE

Consideration of critical spare parts purchase for RAMBIS system

BACKGROUND

The RAMBIS microwave system has 10 microwave sites around the MARC Region. RAMBIS is designed in a ring configuration with each site having two microwave connections to ensure redundancy. At the present time, the microwave inventory includes one spare module for each of the items that comprise the Alcatel-Lucent microwave shelf. If a module fails, it is replaced with a spare, and sent in to be repaired. The repair and return process may take 3 to 4 months. If the same equipment fails in another shelf before the repaired module is returned, there are no additional spare modules in inventory at this time. MARC public safety staff proposes ordering a set of critical modules, as determined by Alcatel-Lucent.

POLICY IMPLICATIONS

None

FINANCIAL IMPLICATIONS

The financial impact of this project is \$21,134.00, of which \$7,978.35 will come from remaining FY08 UASI funding. The project budget includes equipment and freight charges.

RECOMMENDATION

MARC staff recommends the purchase of microwave spare parts to help ensure the uninterrupted functionality of the RAMBIS system.



ALCATEL-LUCENT USA, INC.
3400 W. Plano Pkwy.
Plano, TX 75075

**MID AMERICAN REGIONAL COUNCIL
PRICING SUMMARY
MDR-8000 SPARES
STARS # 11US132623A1
July 22, 2010**

MDR-8000 RADIO SPARES TOTAL	\$ 20,884
FREIGHT CHARGES	\$ 250
<u>SPARES & FREIGHT CHARGES TOTAL</u>	<u>\$ 21,134</u>

E-Mail PO to Ordernow@Alcatel-Lucent.com and reference the ALU STARS #.

ISSUE

Consideration of equipment purchase for 9-1-1 microwave system

BACKGROUND

Under the direction of the Public Safety Communications Board and Users Committee, MARC staff will begin the migration of wireless and VoIP 9-1-1 traffic from the current commercial T-1 network to the RAMBIS microwave network. The future network design includes connecting the MARC training center and maintenance office at 600 Broadway to the RAMBIS microwave network. This microwave connection provides high speed Ethernet microwave links to both selective routers for database communications, which will allow MARC staff to make needed changes in an efficient and timely manner.

FINANCIAL IMPLICATIONS

The total cost of the hardware, software, installation activity and future maintenance for this project is \$24,990.81.

POLICY IMPLICATIONS

None

RECOMMENDATION

MARC staff recommends the purchase of necessary equipment to connect the MARC offices with the Worlds of Fun RAMBIS tower via microwave link.

PROPOSAL

Mid-America Regional Council
 Keith Faddis
 816-474-4240



4901 Bristol Avenue., Kansas City, MO 64129
 Voice (816) 753-2166 FAX (816) 753-3688

Item	Qty	MARC Office-Training Center Wireless Links	Prices	
			Unit	Extended
		4.9 GHz Point To Point Links for Geo-Diverse System)		
		Work Description:		
		Provide Infrastructure to include: One (1) 4.9 Ghz		
		Pt To Pt Links To Connect PSAP + T1 to IP Converter		
1	2	IP Tube, Single T1 Port, Single 10/100 Lan	\$1,133.75	\$2,267.50
		T1 to IP converter Option to install one for one side of loop?		
		Option if T1's to be disconnected. Need 1 or 2 redundancy?		
2	1	Motorola 4.9 GHz, 5 Mhz Wireless Backhaul Link	\$12,223.31	\$12,223.31
		<i>with Surge Protectors (Can Be Upgraded At Later Date If Needed)</i>		
3	2	HP Procurve #3610 Switches; 24 Port W/OSPF	\$2,718.75	\$5,437.50
		For WOF site and one for MARC offices for T1 support and routing.		
4	1	Installation Services (Per Hop)	\$4,687.50	\$4,687.50
		Roof to MARC offices for inside network, From there to		
		Training Center on existing network.		
5	1	LOT - Miscellaneous Wire, Connectors for Install	LOT	\$375.00
		(For Both Hops)		
6	0	Spare, Motorola 4.9 GHz PTP600 End Link Only	\$6,444.56	\$0.00
7		Hardware Maintenance Suport (Regular Business Hours)		
		Note: 24/7 Service Not Available As We Cannot Climb Towers At Night		
7a	1	Maintenance Year 2	\$720.00	Not Included
7b	1	Maintenance Year 3	\$756.00	Not Included
7c	1	Maintenance Year 4	\$793.80	Not Included
7d	1	Maintenance Year 5	\$833.49	Not Included
Programming /Installation			Equipment Total	
			\$24,990.81	
(See Above)				
This proposal is considered Commenco Confidential Restricted. It is submitted with the restriction that it is to be used for evaluation purposes only, and is not to be disclosed publicly or in any manner to anyone other than those employed by MARC and required to evaluate this proposal without the express permission of Commenco, Inc.			Extended Total	
			\$24,990.81	
			Sales Tax	
			NET TOTAL	
			\$24,990.81	
ACCEPTED BY			DATE	

TERMS: NET 30/20% Restocking Fee on all cancelled orders DELIVERY APPROX: TBD DAYS A.R.O.
 PRICES QUOTED ARE F.O.B. FACTORY QUOTATION VALID FOR 60 DAYS
 QUOTATION PREPARED BY: **Bill Holcomb 816-985-0434** DATE: **Rev 4/18/11**

ISSUE

Consideration of Regional Interoperability Communications Committee co-chair vacancy

BACKGROUND

The Regional Interoperability Committee (RIC) is a policy working group representing public safety agencies throughout the MARC region. The committee was formed in 2003 and was co-chaired by Captain Randy Pittman of the Platte County Sheriff's Office and Dwight Purtle of the Johnson County Emergency Communications Center. In 2004, Major Jesse McLendon of the North Kansas City Police Department was appointed co-chair, serving with Purtle. Due to his retirement from North Kansas City, Major McLendon resigned as co-chair on August 5, 2011.

In accordance with The Public Safety Communications Board By-Laws (Article VII), and upon recommendation from the User's Committee, *The co-chairs shall appoint the chairs of any and all committees, with the approval of the full Board.*

FINANCIAL IMPLICATIONS

None

POLICY IMPLICATIONS

None

RECOMMENDATION

MARC staff recommends that a nomination be made for the position of co-chair of the RIC Committee for approval by the Public Safety Communications Board.

ISSUE

Interoperability Update

BACKGROUND

Updates will be provided by MARC Public Safety staff at the meeting.

FINANCIAL IMPLICATIONS

None

POLICY IMPLICATIONS

None

RECOMMENDATION

Informational purposes only; no formal action required.

ISSUE

9-1-1 System Report

BACKGROUND

Updates will be provided by MARC Public Safety staff at the meeting.

FINANCIAL IMPLICATIONS

None

POLICY IMPLICATIONS

None

RECOMMENDATION

Informational purposes only; no formal action required.