BayRICS
JOINT POWERS AUTHORITY
STAFF REPORT

DATE: Thursday June 12, 2014

TO: BayRICS Board of Directors

FROM: Barry Fraser, General Manager

SUBJECT: BayRICS General Manager Report: June 2014

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1.   California First Responder Network (CalFRN) Board Meeting

CalFRN Board held its third meeting on June 11, 2014. Staff will provide a report on this meeting at the BayRICS Board meeting on June 12.

2.   FirstNet Board and Public Safety Advisory Committee (PSAC)

<u>FirstNet Board.</u> The FirstNet Board and committees met on June 2-3 at Westminster, Colorado in conjunction with the Public Safety Communications Research (PSCR) broadband Stakeholder Conference. Highlights of these meetings have been posted on the BayRICS web site and distributed to the Board.

<u>FirstNet Public Safety Advisory Committee (PSAC).</u> The PSAC met in person on June 2, also in Westminster, Colorado. GM Fraser attended the meeting representing National Association of Telecommunication Officers and Advisors (NATOA).

The meeting began with opening comments from new Chair Sue Swenson. She announced that, beginning with today's committee meetings, FirstNet meetings will be open to the public. PSAC Chair Harlin McEwan announced that the PSAC will need to consider whether to make PSAC meetings open to the public.

PSAC was briefed by FirstNet staff on state consultation and program roadmap status:

- Five states have submitted their initial consultation checklists: Minnesota, Oregon, Maryland, Wyoming and Washington State. 27 states have completed or scheduled initial conference calls.
- FirstNet staff is working on the draft Request for Proposal (RFP) for comprehensive network plan,
- FirstNet recently established a vendor engagement web page at www.firstnet.gov and "Doing Business with FirstNet" Fact Sheet.
- FirstNet is hiring many new positions, and 10 regional coordinator positions will be posted soon, which will mark the beginning of staffing for 10 FEMA region-based offices.

- FirstNet staff moved into its Reston, VA headquarters last week, and technical offices have been set up in Boulder, Co.
- FirstNet will soon be seeking public comment on several key issues related to the program roadmap. Proposed rules and interpretations will be announced in the Federal Register, along with public comment deadlines; FirstNet will issue a final rule after considering all comments. FirstNet may decide to hold hearings on some issues.

Amanda Hilliard, FirstNet Outreach Director, announced that FirstNet is recruiting outreach leads and staff, refining Stakeholder Engagement and Outreach Strategy and planning to implement a Customer Relationship Management System (CRM) to track stakeholder interactions. In addition, outreach staff recently launched the FirstNet blog and Twitter feed, and is developing additional outreach materials, such as slide decks, fact sheets, one-pagers, and short videos.

Technical updates were provided by Ali Afrashteh, Chief Technology Officer (CTO), and Jeff Bratcher, Deputy CTO. Mr. Afrashteh described the CTO's major goals:

- Support FirstNet team in state consultation process
- Support development of comprehensive network RFP
- Add staffing to the CTO office
- Continue technical requirements analysis
- Support early builder efforts
- Collaborate with and support Public Safety Communications Research (PSCR) R&D and testing. Key initiatives with PSCR include:
    - Standards development (Push to Talk (PTT), etc.,)
    - Testing and evaluation (products and services)
    - Modeling and simulation for network

PSAC was briefed on the Early Builder (BTOPs and Harris County) status. Key deliverables/learnings for each project have been established:

- LA-RICS - Secondary responder partnership, quality of service (QoS), priority, preemption, utilities, congestion impacts
- New Mexico - Hosted core, international border spectrum management, federal partnerships
- New Jersey - Deployable assets, training exercises, network operations center notifications
- Adams County, CO (ADCOM) - real-world test network for Boulder, PSCR, devices beta testing, demos with FirstNet and public safety. **NOTE: Adams County will launch its system on June 6, 2014, as the first BTOP public safety grantee to go live.**

- Harris County, TX – Evolved Packet Core (EPC) transition, real operational usage data, responder training (FEMA Approved)

PSAC Task Updates:

- Approved a Committee Charter – FirstNet Board to adopt at June 3 meeting
- Public Safety Use Cases – PSAC has received about 100 use cases
- User Definitions – discussion draft to FirstNet on March 14 with changes
- Local Priority Management Goals: 1) user definitions 2) technical plan 3) operational Plan

    - Discussion of CAD standardizations and importance to priority management on local level
    - Also, how will the local prioritization interface with the FirstNet core?

- Human Factors Report - Presented to Board in March
- Tribal committee in the works
- Early Builder committee in the works
- PSAC Fact Sheet out in a couple of weeks
- Need locations for future meetings

Public Safety Communications Research (PSCR) Broadband Stakeholder Conference – June 3-5. This Conference brought together representatives from public safety, industry, state/local/and federal government, academia, and national associations to discuss important updates and advances in public safety broadband communications. PSCR is a division of the Department of Commerce that conducts public safety communications testing and research, with major sponsorship provided by National Telecommunications and Information Administration (NTIA), Department of Homeland Security (DHS), and FirstNet.

Keynote Addresses were delivered by Sue Swenson, FirstNet Chairwoman; Daniel Cotter, Director, DHS Office of Interoperable Communications; Admiral Ronald Hewitt, Director, DHS Office of Emergency Communications; and Dr. Patrick Gallagher, Acting Commerce Deputy Secretary. Session Topics included: public safety broadband coverage modeling & simulation; indoor/in-building testing; small cell technology; extended range cell testing; audio and video quality research; priority, pre-emption, and quality of service (QoS); mobile applications security for public safety; and local control.

BayRICS staff attended this conference and will provide a report as part of the Technical Advisory Committee agenda item for the June 12 Board meeting.

3.   BayLoop and P25/Fleetmap Coordination

Staff has been engaged in several activities to support BayLoop and regional coordination of the P245 voice systems and Fleetmap plan. Earlier this year, GM Fraser and the BayRICS Technical Advisory Committee (TAC) worked with San Mateo

County to develop detailed project plans for both BayLoop and P25-Fleetmap Coordination. These project plans are attached. GM Fraser then worked with San Mateo County to begin implementing current (2014) Phase 1 & 2 tasks.

Comprehensive interviews with stakeholders have identified specific need for advisory groups for both BayLoop and P25/Fleetmap Coordination, to assist the GM in assessing and making recommendations for both initiatives. GM Fraser, working with San Mateo County consultants, asked each stakeholder to designate representatives to participate in each advisory group. The BayLoop advisory group consists of representatives of each County responsible for managing BayLoop sites. The P25/Fleetmap group consists of representatives from each of eight Bay Ares P25 system operators.

Initially, these groups have been focused on advising the GM on the best ways to implement the Phase 1 and 2 tasks of the project plan. Each work group has met three times, most recently on June 9, 2014. Specific details on progress to date will provided to the Board at the June 12 meeting.

4.   Other Activities

News and Notes Blog. BayRICS staff launched a blog page on www.BayRICS.net for posting regular updates about news, events, and status of major projects. Staff will distribute a weekly digest of the News and Notes postings to Directors, alternates, and TAC members. The News and Notes blog is an efficient way to keep members up to date on key issues, without sending multiple, time-consuming emails on complex issues. The digest serves as a brief summary of each topic and members who desire more information may click on links to the full report and additional resources.

Staff continues to research additional tools to keep members advised of important developments and information necessary for informed decision-making on FirstNet and future advanced communications initiatives.

5.   BayRICS Administration

Annual Member Fee Statement**s**. The statements have been delivered and member should make their payments no later than July 30, 2014.

Contract for Legal Services with Best Best and Krieger (BBK). The BayRICS agreement for legal services with BBK will terminate on June 30, 2014. Staff has negotiated an extension of the agreement within the parameters of the FY 2014-2015 budget and anticipated level of need for legal services, and requests Board approval at the June 12 meeting.

BayRICS Financial Report. BayRICS Authority revenue and expense report through May 31, 2014 is provided on the following page.

BayRICS Authority

FY 2013-2014 Expense and Revenue Report: May 31, 2014

OPERATING REVENUES	Budget	Actual	Difference ($)	Difference (%)
Annual Member Fees	$335,889	$330,708	($5,181)	-1.5%
Interest	$0	$847	$847	0.0%
Other (Draw on Reserve)	$11,733	$0	($11,733)	-100.0%
Cash Reimbursements	$0	$9	$9	0.0%
TOTAL REVENUES	$347,622	$331,564	($16,058)	-4.6%

OPERATING EXPENSES	Budget	Actual	Difference ($)	Difference (%)
PERSONNEL			$0	0.0%
General Manger /Project Manager	$218,438	$218,438	$0	0.0%
Billing Clerk		$0	$0	0.0%
Admin Assistant	$43,689	$0	($43,689)	-100.0%
OPERATING			$0	0.0%
Bookkeeping/Accounting	$7,500		($7,500)	-100.0%
Legal Services			$0	0.0%
General Counsel	$30,000	$25,000	($5,000)	-16.7%
BOOM/Telecom/Contr	$30,000	$38,499	$8,499	28.3%
Technical Consulting	$0	$0	$0	0.0%
Frequency Coordination	$2,995		($2,995)	-100.0%
Insurance	$10,000	$9,409	($591)	-5.9%
Misc. Exp.	$5,000	$2,685	($2,315)	-46.3%
			$0	0.0%
TOTAL EXPENSES	$347,622	$294,031	($53,591)	-15.4%

GRANT FUNDED ACTIVITIES	Budget	Actual	Difference ($)	Difference (%)
Revenues				
UASI Grant (BayLoop Maintenance	$265,000	$265,000	$0	0.0%
			$0	0.0%
Expenses			$0	0.0%
BayLoop Maintenance Agreement	$240,000	$219,660	($20,340)	-8.5%
Returned to UASI		$45,340		0.0%
TOTAL	$25,000	$0	($25,000)	-100.0%

RESERVE FUND	Budget	Actual	Difference ($)	Difference (%)
Beginning Balance 7/1/2012	$149,393	$149,393		
Projected carry forward from FY 2012-13	$180,000	$231,001	$51,001	28.3%
Total Reserve Fund 6/30/2013	$329,393	$380,394	$51,001	15.5%
Draw on Reserves	$11,733	$0	($11,733)	-100.0%
Projected Carry forward from FY 2013-2	$0	$31,000		0.0%
Projected Reserves 6/30/2014	**$317,660**	**$411,394**	**$93,734**	**29.5%**