

**MARIN EMERGENCY RADIO AUTHORITY**

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**DATE:** January 27, 2016  
**TO:** MERA Governing Board  
**FROM:** Dave Jeffries, Deputy Executive Officer for the Next Gen Project  
**SUBJECT:** AGENDA ITEM **B-1**: REPORT #10 ON THE NEXT GEN SYSTEM PROJECT

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Recommended Action: Receive and file report on the Next Gen System Project Update

Background:

Since the last Governing Board meeting, several new items have been completed and the project is moving forward and on schedule.

1. Site Surveys: With assistance from Marin DPW, Federal Engineering (FE) reviewed the current sites as well as conducted on site surveys of several potential new sites. The report is 259 pages in length as therefore is not attached here. The new potential sites surveyed included:
  - a. Coyote Peak, Marshall Petaluma Road, Petaluma
  - b. EOF Water Tank, Skyview Terrace, San Rafael (For microwave link to EOC)
  - c. Golden Gate Bridge Toll Plaza
  - d. Martha, Lyford Drive, Tiburon
  - e. Muir Beach, Muir Beach Overlook, Muir Beach
  - f. Redwood Landfill, US 101 and San Antonio Road, Novato
  - g. Tomales, Shoreline Hwy, Tomales
  - h. Wolfback Ridge, Sundial Road, Sausalito

As part of the current proposal, Tomales, Martha, Wolfback Ridge and Muir Beach were recommended for inclusion in the project, with Redwood Landfill, Coyote Peak and Golden Gate Bridge Toll Plaza as additional recommendations, should funding permit. These are all recommendations with decisions expected to be part of the System Vendor detailed design process.

2. FCC Frequency Review: On 12/10/2015, FE, DPW and MERA Staff met to discuss the FCC Frequency Review and DPW worked with FE to provide needed materials and information. A summary of that meeting is attached.
3. Lifecycle Recommendations: On 12/28/2015, we received FE's draft Lifecycle Recommendations report, which was then reviewed by the Executive Board, NGPOC, and Operations Working Group in addition to MERA and DPW staff. The desire to identify ways of

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extending the Next Gen system life was a topic of many discussions in past meetings. This report, attached, makes a number of recommendations and these recommendations will be reflected in the upcoming Request for Proposal.

4. Coverage Analysis Workshop: On 01/26/2016, a Coverage Analysis Workshop was held for MERA member agencies. This was an opportunity for MERA member agencies to learn about potential coverage options, ask questions and provide input. A verbal report will be provided at the Governing Board meeting.
5. Next Steps: We currently anticipate the March, 2016 delivery of a draft Request for Proposal (RFP) for the System Vendor. The draft RFP will be provided to the Operations Working Group, NGPOC and Executive Board for review and comment. This is an extensive document and we anticipate a fairly short review period in order to have a final RFP issued in April, 2016.

Attachments: *(NOT INCLUDED FOR 3/9/16 E.B. - REFERENCE RESPECTIVE DATES LISTED BELOW)*  
Report #9 on Next Generation Project Oversight Committee (01/13/2016)  
Update Report to the NGPOC on the Next Gen System Project (01/27/2016)  
FCC Review Meeting Outcomes (12/29/2015)  
Lifecycle Recommendations Report (01/18/2016)