



Governing Board Communication

**TO: MERA Governing Board**  
**FROM: Dave Jeffries, Deputy Executive Officer for the Next Gen System**  
**SUBJECT: Report # 116 on the Next Gen System (Accept Report)**

Recommended Action: For information or discussion only

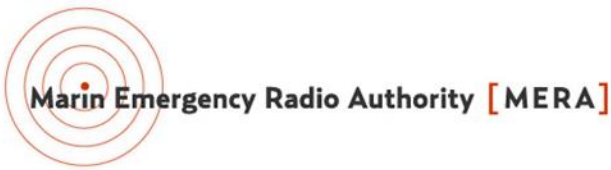
Background:

- 1) Recent Project Meetings and Conference Calls (Updated)
  - a. MERA Executive Staff Calls: Bi-Weekly
  - b. Motorola / Next Gen Staff Calls: Weekly
  - c. Construction Calls: Weekly
  - d. Fleetmapping Calls: Weekly
  - e. Hexagon/Mach Alert Calls: Weekly
  - f. IP Networking Calls: Weekly
  - g. Training Calls with MSI: As needed
  - h. Fire Chiefs Association: 01/18/2024
  
- 2) Project Schedule: The following is based on the draft schedule dated 12/05/2023.
  - a. A revised schedule is currently being updated and an update will be provided at the GB meeting.

Description	04/28/22 Baseline	09/14/23 Update	12/05/23 Update
Site Work and Tower Turnover	09/25/2023	12/29/2023	01/10/24
P25 Installation – Complete	09/08/2023	05/14/2024	03/22/24
Microwave Install, Optimize and Test	10/13/2023	05/09/2024	04/08/24
Perform System Functional Testing	12/11/2023	08/09/2024	08/02/24
Perform CATP (Coverage Testing)	03/14/2024	09/25/2024	09/23/24
Dispatch Site Installations – Complete	04/16/2024	06/06/2024	06/25/24
Field User Cutover – Complete	05/01/2024	10/10/2024	10/08/24
Final System Acceptance	10/08/2024	06/30/2025	06/30/25

- 3) Bid Packages:
  - a. BP-1/1A/2: Construction, MSI LMR and Microwave installations complete, except Tiburon MW.
  - b. BP-3: Status
    - i. Skyview: Beneficial Occupancy to MSI issued.
      - 1. Fence in progress.
      - 2. Skyview MW complete. No LMR at this site.
    - ii. Mill Valley: (Anticipated completion: 01/31)





January 24, 2024

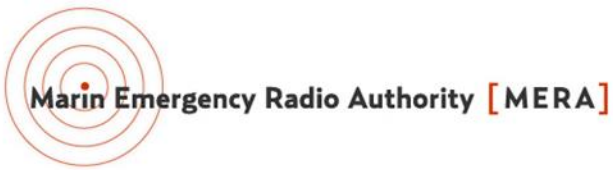
Tomales	#3								
Coyote Peak	#4								
Skyview Terr.	#3								
Muir Beach	#4								
Wolfback Rdg.	#3								
OTA	#4								
Mill Valley	#3								
	Completed							In progress	

5) Key Project Summary Details:

- a. Code Plugs
  - i. Motorola developing Code Plugs for NG radios.
- b. Connectivity (Dispatch, FSA, Wi-Fi)
  - i. Pilot program: EOF, NPD, and SRF connected. Fairfax in progress.
- c. Connectivity Project: Marin IT has offered to build and maintain the IP network. Agencies will pay providers for private line connection charges monthly. (est. \$325/month/site) and Marin IT will bill approx. \$600/month/site to purchase equipment, coordinate installation, provide 24x7 monitoring, repair and replacement services for 5 years. Connections to be ordered by 01/29/24.
  - i. Marin Fire Chiefs Association briefed on 01/18/2024.
- d. Microwave Network – Installations in progress.
- e. End User Training – Training Committee met with MSI on 1/19/24. MSI Sponsored End user training for dispatch (02/20-21/24) and field users (02/22-23/24) is scheduled. Invitations in progress.
- f. Technician Training: 1 class in February, 2 in classes in March, 2 classes in May and 2 classes in June. Attendees are the DPW Communications Division staff.
- g. FCC Licenses:
  - i. FCC Microwave Construction Licenses were set to expire 12/31/23. MERA requested and received an extension until 04/30/24.
  - ii. FCC LMR Construction Licenses are set to expire 02/29/24. Currently drafting an extension request if needed.

6) Project Summary Table:

<u>Tasks Completed</u>	<u>Upcoming Tasks</u>
1. Motorola installations at BP- 1, 1A and 2 sites	1. Fire Station Alerting – Final Installs
2. All but 2 sites turned over to MSI.	2. Logging Recorder Plan development
3. BP-3 – Site inspections and punch lists in progress.	3. Cutover Plan development
	4. Completing and testing Code plugs
	5. Developing Training materials



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<p style="text-align: center;"><b><u>Tasks in Progress</u></b></p> <ol style="list-style-type: none"> <li>1. Training Committee Review of Motorola materials</li> <li>2. Construction of BP-4 sites</li> <li>3. Receive Radio Order. Several pallets of radios received so far.</li> <li>4. Fire Station Alerting – Cold Install in progress.</li> <li>5. Microwave Installations</li> <li>6. Complete Construction</li> <li>7. Jail DAS System</li> </ol>	<p style="text-align: center;"><b><u>Next Six Months</u></b></p> <ol style="list-style-type: none"> <li>1. Complete End User training plan</li> <li>2. Connect M/W and bring up RF sites</li> <li>3. Complete End User Training Program</li> </ol>

7) New Construction Change Orders for Bid Package #3 and #4:  
 Currently reviewing final change orders for BP-3. BP-4 change orders should be completed by the 02/28 GB meeting.

8) Construction Support Vendors:  
 As part of monitoring the construction project and MERA's ability to self-permit and inspect work, MERA hired a variety of firms to perform that work. As construction nears its end, we are reviewing each contract and can safely close two of those contracts at this time. We anticipate releasing additional funds at the February Governing Board meeting.

9) Questions and issues regarding the Next Gen System should be referred to Deputy Executive Officer for the Next Gen System Dave Jeffries.