

TO: MERA Governing Board

FROM: Dave Jeffries, Deputy Executive Officer for the Next Gen System

SUBJECT: Report # 113 on the Next Gen System (Accept Report)

Recommended Action: For information or discussion only

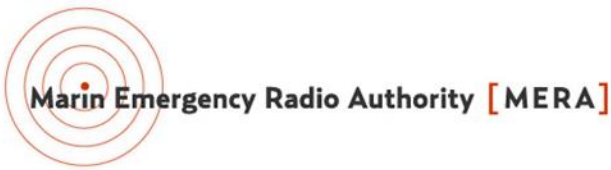
Background:

- 1) Recent Project Meetings and Conference Calls (Updated)
 - a. MERA Executive Staff Calls: Bi-Weekly
 - b. Construction / Motorola / Next Gen Staff Calls: Weekly

- 2) Project Schedule: The following is based on the draft schedule dated 09/14/2023. The Project Schedule is currently under continued joint MSI/MERA review. Note that Final Acceptance has moved out significantly. In this schedule, several post cutover items have been added in for the first time, including: relocation and reconfiguration of some conventional radio equipment, decommissioning of Gen I equipment as well as project close out processes that occur after we have successfully moved everyone over to the new Next Gen System.

Description	04/28/22 Baseline	03/09/23 Update	09/14/23 Update
Site Work and Tower Turnover	09/25/2023	01/30/2024	12/29/2023
P25 Installation – Complete	09/08/2023	02/14/2024	05/14/2024
Microwave Install, Optimize and Test	10/13/2023	02/26/2024	05/09/2024
Perform System Functional Testing	12/11/2023	04/23/2024	08/09/2024
Perform CATP (Coverage Testing)	03/14/2024	07/25/2024	09/25/2024
Dispatch Site Installations – Complete	04/16/2024	08/27/2024	06/06/2024
Field User Cutover – Complete	05/01/2024	10/12/2024	10/10/2024
Final System Acceptance	10/08/2024	02/24/2025	06/30/2025

- 3) Bid Packages:
 - a. BP-1/1A: Construction complete. Motorola Installations complete. Microwave will be installed later.
 - b. BP-2: Construction complete.
 - i. Sonoma Mountain/Big Rock: Pending Microwave.
 - ii. San Pedro: Optimization TBD. Pending Microwave.
 - c. BP-3: Construction – (Note – All generators have arrived and installs start this week). Shelter install start mid-October)
 - i. Skyview: Fence, Shelter and generator pending. Site work, electrical and monopole complete.



September 27, 2023

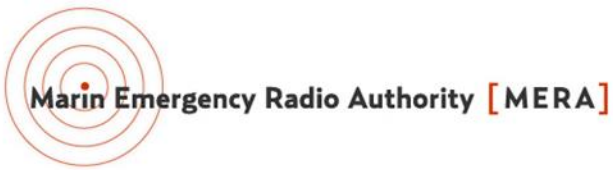
Skyview Terr.	#3								
Muir Beach	#4								
Wolfback Rdg.	#3								
OTA	#4								
Mill Valley	#3								
	Completed						In progress		

5) Key Project Summary Details:

- a. Code Plugs
 - i. Motorola developing Code Plugs for NG radios.
 - ii. MERA part of the regional Key Sharing process to support Mutual Aid use.
- b. Connectivity (Dispatch, FSA, Wi-Fi)
 - i. Pilot program in progress. Info on new connections being shared with agencies.
- c. Microwave Network – When we near completion of construction, Nokia will send a team to install the entire microwave network to tie all the sites together.
- d. End User Training – Training Committee chairs meeting 09/29.

6) Project Summary Table:

<p style="text-align: center;"><u>Tasks Completed</u></p> <ol style="list-style-type: none"> 1. Pt Reyes Site – FAA Pole deconfliction 2. Test site at EOF for radio testing 3. Finalize Subscriber orders 4. Fire Station Alerting components have arrived 5. Jail DAS site survey completed 	<p style="text-align: center;"><u>Upcoming Tasks</u></p> <ol style="list-style-type: none"> 1. Fire Station Alerting installations 2. Logging Recorder Plan development 3. Cutover Plan development
<p style="text-align: center;"><u>Tasks in Progress</u></p> <ol style="list-style-type: none"> 1. Motorola installations at BP- 2 sites 2. Training Committee Review of Motorola materials 3. Construction of BP-3 and BP-4 sites 4. Coordinate with new Fire Dispatch Center 5. Project Schedule under joint review 	<p style="text-align: center;"><u>Next Six Months</u></p> <ol style="list-style-type: none"> 1. Microwave installations 2. Complete construction 3. Complete End User training plan



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6. Generator Air Quality permits

7) New Construction Change Orders for Bid Package #3 and #4:

Date	BP	Site	Issue	Amount
07/28/23	3	Tomales	Increase Shelter Size	\$15,597.36
09/01/23	3	Skyview	Additional Grounding Efforts	\$19,183.82
09/01/23	3	Wolfback	Additional Demo of Existing Shelter	\$5,417.83
07/28/23	4	Coyote	<i>Credit</i> – Reduced Trench Dams	-\$19,449.83
07/28/23	4	Mt. Tam	Create Tower Drawings	\$1,740.00
09/01/23	4	Coyote	<i>Credit</i> – Reduced Road Scope	-\$170,605.94
09/01/23	4	OTA	Additional Demo of Existing Shelter	\$5,417.83
Total Change:				-\$142,698.93

As a reminder, PCO #1 for BP#3 was moving BP#4 costs for long lead items up to BP#3 to avoid Supply Chain Issues rather than as a change in costs.

Except for that Change Order, Change Orders to BP#3 currently total \$48,928.50 and Change Orders to BP#4 currently total -\$420,631.14 for a net total of -\$371,702.64.

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