

TO: MERA Governing Board

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

SUBJECT: Report # 111 on the Next Gen System (Accept Report)

Recommended Action: For information or discussion only

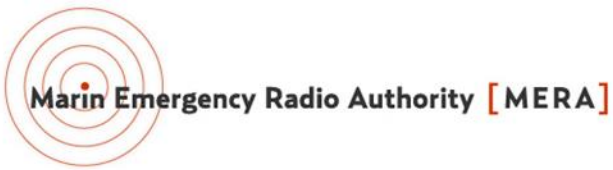
Background:

- 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 schedule received 05/02/2023. Changes highlighted in green are shortened (improved) schedule dates. N/C - No Change. Project schedule currently under joint MSI/MERA review.

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

- 3) Bid Packages:
 - a. BP-1: Construction complete. Motorola Installations complete. Microwave will be installed later.
 - b. BP-1A: Construction complete, Motorola Installations complete. Microwave to be installed later.
 - c. BP-2: Construction complete.
 - i. Sonoma Mountain: Pending Microwave.
 - ii. San Pedro: Optimization this month. Pending Microwave.
 - iii. Big Rock: Optimization this month. Pending Microwave.
 - d. BP-3: Construction –



June 28, 2023

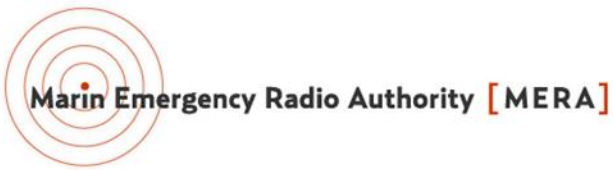
OTA		#4								
Mill Valley		#3								
		Completed							In progress	

5) Key Project Summary Details:

- a. Code Plugs
 - i. Motorola developing Code Plug for Mobiles (Gen I plugs) and all Next Gen needs.
 - ii. Working on System Key sharing with local systems.
- b. Connectivity (Dispatch, FSA, Wi-Fi)
 - i. Agreement with Marin IT completed. Test site project initiating.
- 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 met 05/04/23. Dispatch subcommittee met 05/03/23. Reviewing MSI materials. Looking at MSI Train the Trainer in 01/2024.
- e. Other Items:
 - i. West Marin Disaster Council – MERA is working with WMDC/MCFD and site owners to obtain permission for WMDC to collocate emergency radio sites with MERA.
 - ii. Working with Muir Woods regarding Siren control box placement.

6) Project Summary Table:

<p style="text-align: center;"><u>Tasks Completed</u></p> <ol style="list-style-type: none"> 1. Motorola installations at BP-1 and 1A 2. Fire Station Alerting Acceptance Test 3. Radio Alias Schemes and Code Plugs 4. Construction of all BP-1,1A and sites 5. Draft Subscriber Radio Order 6. Neighborhood Notifications to Muir Beach and Skyview neighborhoods. 7. Connectivity Agreement approved. <p>Test sites being set up.</p>	<p style="text-align: center;"><u>Upcoming Tasks</u></p> <ol style="list-style-type: none"> 1. Complete construction at all sites 2. Fire Station Alerting installations 3. Connectivity Plan tests 4. Logging Recorder Plan development 5. 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 	<p style="text-align: center;"><u>Next Six Months</u></p> <ol style="list-style-type: none"> 1. Microwave installations 2. Complete construction



June 28, 2023

- | | |
|--|--|
| <ol style="list-style-type: none">2. Training Committee Review of Motorola materials3. Pt Reyes Site – FAA Pole deconfliction4. Test site at EOF for radio testing5. Project Schedule under joint review6. Generator Air Quality permits7. Finalize Subscriber orders8. Coordinate with new Fire Dispatch Center | |
|--|--|

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