



July 26, 2023

Governing Board Communication

Agenda Item B-1

TO: MERA Governing Board

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

SUBJECT: Report # 112 on the Next Gen System (Accept Report)

Recommended Action: For information or discussion only

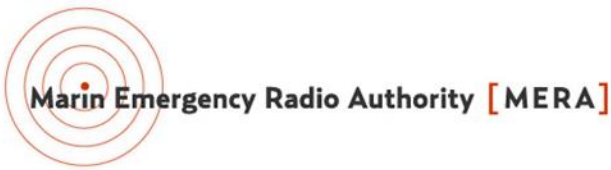
Background:

- 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. 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 TBD. Pending Microwave.
 - iii. Big Rock: Pending Microwave.
 - d. BP-3: Construction –



July 26, 2023

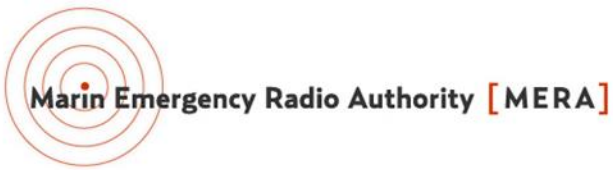
Skyview Terr.	#3								
Muir Beach	#4								
Wolfback Rdg.	#3								
OTA	#4								
Mill Valley	#3								
	Completed						In progress		

5) Key Project Summary Details:

- a. Code Plugs
 - i. Motorola developing Code Plug for Mobiles (Gen I plugs) and all Next Gen needs.
 - ii. Working on System Key sharing with local systems. (July – Regional meeting)
- b. Connectivity (Dispatch, FSA, Wi-Fi)
 - i. Installation of AT&T circuits, delivery of SD WAN and Wi-Fi equipment for Pilot in progress. Site surveys completed. Agency site preparation in progress, as needed.
 - ii. Next steps – Hardware install and testing, Connectivity testing, Motorola testing. Goal is to complete Pilot program week on 09/04/23.
- 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 has completed an agreement with the landlord and Marin County Fire to allow WMDC to co-locate a repeater at the Stewart Point site. We will be exploring a similar arrangement at the Muir Beach site at a later date.
 - ii. Reached agreement with Muir Woods regarding Siren control box placement.
 - iii. With assist from County of Marin, BAAQMD construction and use permits for generators in progress.

6) Project Summary Table:

<u>Tasks Completed</u>	<u>Upcoming Tasks</u>
1. Fire Station Alerting Acceptance Test 2. Construction of all BP-1,1A and 2 sites 3. Stewart Point WMDC agreement. 4. Muir Woods agreement.	1. Complete construction at all sites 2. Fire Station Alerting installations 3. Logging Recorder Plan development 4. Cutover Plan development



July 26, 2023

<u>Tasks in Progress</u>	<u>Next Six Months</u>
<ol style="list-style-type: none">1. Motorola installations at BP- 2 sites2. 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	<ol style="list-style-type: none">1. Microwave installations2. Complete construction3. Complete End User training plan.

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