

Governing Board Communication

**TO: MERA Governing Board**  
**FROM: Dave Jeffries, Deputy Executive Officer for the Next Gen System**  
**SUBJECT: Report # 108 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. MERA Senior Staff Calls: Bi-Weekly
  - c. Next Gen Coordination Calls: Weekly
  - d. Construction Meetings: Weekly
  - e. Motorola Project Meeting: Weekly
  - f. MERA Training Committee: Monthly
  - g. Marin County Police Chiefs: 02/16/2023

2) Project Schedule: The following is based on the schedule received 01/18/2023.

Description	04/28/22 Baseline	01/18/23 Update
AECOM Site Work and Tower Turnover – Complete	09/25/2023	01/30/2024
P25 Installation – Complete	09/08/2023	02/14/2024
Microwave Install, Optimize and Test – Complete	10/13/2023	02/26/2024
Perform System Functional Testing – Complete	12/11/2023	04/23/2024
Perform CATP (Coverage Testing) – Complete	03/14/2024	07/25/2024
Dispatch Site Installations – Complete	04/16/2024	08/27/2024
Field User Cutover – Complete	05/01/2024	10/12/2024
Final System Acceptance	10/08/2024	02/24/2025

- 3) Bid Packages:
  - a. BP-1: Construction complete. Motorola Installations complete. Microwave will be installed later.
  - b. BP-1A: Construction complete, Motorola Installations complete.
  - c. BP-2: Construction complete. Motorola has completed site readiness and DC Power supply at Sonoma Mountain. DC Power for San Pedro scheduled for 03/03/23, and 03/10/23 for Big Rock.
  - d. BP-3: Construction - Site work in progress at Skyview, Prep work in progress for Mill Valley and Wolfback. Tomales to follow.
  - e. BP-4: Construction – Long lead orders and site prep

4) Site Overview:

As of: 02/15/2023	Pre-Construction				Construction		Motorola			
	Pre-Bid Activity	Bid Packages	Bids Out to Bid	Bids Awarded	Start	Complete	Staging	Shelters	Towers	Accept
Site										
EOF		#1								
Civic Center		#1								
Big Rock		#2								
Mt. Tam.		#4								
Mt. Barnabe		#1								
Point Reyes		#4								
Dollar Hill		#1A								
San Pedro		#2								
Tiburon		#1A								
Sonoma Mt.		#2								
Stewarts Pt.		#1A								
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 test Code Plug for review and testing.
- ii. Radio Features and Talkgroup Templates have been submitted.
- iii. Radio Aliasing requests from agencies in progress.

b. Connectivity (Dispatch, FSA, Wi-Fi)

- i. Obtaining/reviewing equipment quotes.
- ii. Next step is to install and evaluate test sites.

c. Fire Dispatch Center

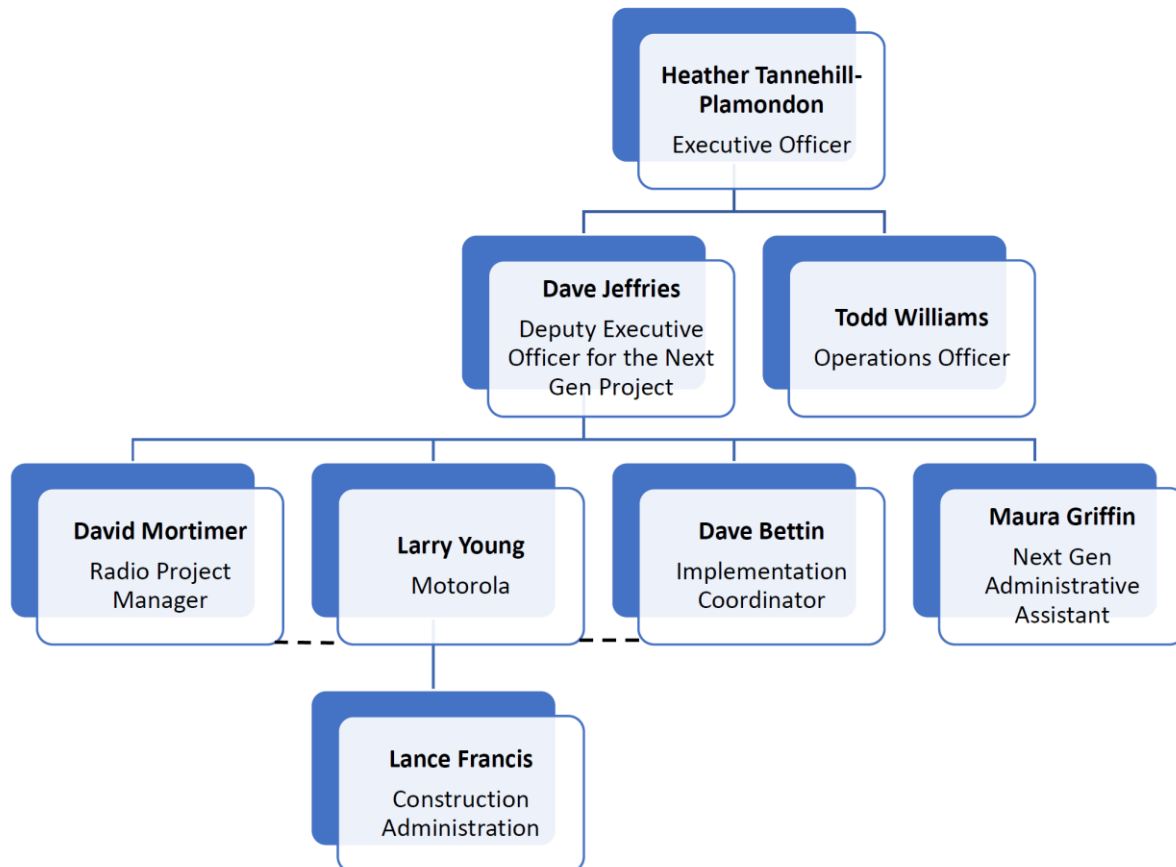
- i. The Next Gen Team has been involved with discussions regarding the new Fire Dispatch Center. While the Next Gen Woodacre Dispatch Consoles will be

installed at the new facility along with the other Dispatch Centers, Next Gen will not be impacted by the current effort.

- d. 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.
- e. End User Training – We are working to augment the Training Committee with additional MERA members. The focus of this committee is to develop transition training for current users from Gen I to Next Gen and develop training materials for new users moving forward.
- f. Other Items:
  - i. West Marin Disaster Council – MERA is working with WMDC and site owners to obtain permission for WMDC to collocate emergency radio sites with MERA.

6) Revised Organization Chart:

- a. The following is the current organization chart for the team involved with the Next Gen System.



7) Project Summary Table:

<p style="text-align: center;"><b><u>Tasks Completed</u></b></p> <ol style="list-style-type: none"> <li>1. Motorola installs at BP 1A sites</li> <li>2. Deliver FSA site requirements to fire stations/siren locations.</li> <li>3. Met with Marin Police Chiefs.</li> <li>4. Initial Dispatch Screen configurations reviewed.</li> </ol>	<p style="text-align: center;"><b><u>Upcoming Tasks</u></b></p> <ol style="list-style-type: none"> <li>1. Test Connectivity Plan</li> <li>2. Deliver Connectivity Plan to MERA agencies</li> <li>3. Control Station Order</li> <li>4. FSA Equipment Staging</li> </ol>
<p style="text-align: center;"><b><u>Tasks in Progress</u></b></p> <ol style="list-style-type: none"> <li>1. Motorola installations at BP 2 sites</li> <li>2. Training Committee Review of Motorola materials</li> <li>3. Connectivity Planning</li> <li>4. Pt Reyes Site – FAA Pole deconfliction and NPS Permit extension</li> <li>5. Develop Code Plugs for NG Subscriber Units</li> <li>6. Develop Final Subscriber Radio Equipment order</li> <li>7. Construction at BP-3 and BP-4 sites</li> <li>8. Radio Frequency License Extensions</li> </ol>	<p style="text-align: center;"><b><u>Next Six Months</u></b></p> <ol style="list-style-type: none"> <li>1. Continue Training development efforts</li> <li>2. Motorola Installs at BP-3 and BP-4 sites</li> </ol>

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