

January 25, 2023  
Agenda Item B-1

Governing Board Communication

**TO: MERA Governing Board**  
**FROM: Dave Jeffries, Deputy Executive Officer for the Next Gen System**  
**SUBJECT: Report # 107 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: Twice Weekly
  - e. Motorola Project Meeting: Weekly
  - f. MERA Training Committee: Monthly

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

Description	04/28/22 Baseline	As of 07/31/22	As of 01/18/23
P25 Installation Complete	09/08/2023	12/05/2023	02/14/2024
AECOM Site Work and Tower Turnover	09/25/2023	12/06/2023	01/30/2024
Perform System Functional Testing (Start)	11/06/2023	01/02/2024	04/23/2024
Perform CATP (Coverage Testing)	03/14/2024	05/23/2024	07/25/2024
Cutover Complete	05/01/2024	07/12/2024	10/12/2024
Final System Acceptance	10/08/2024	12/18/2024	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 has completed their installations with the exception of P25 Optimization at Stewart Point – Rain Delay.
  - 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, remainder is TBD.
  - d. BP-3: Awarded to Fidato for construction. Site prep in progress.
  - e. BP-4: Awarded to Fidato for construction, Site prep to follow BP #3 sites. Both BP #3 and BP #4 have had some weather related delays these past couple of weeks.

4) Site Overview:

As of: 01/18/2023	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.

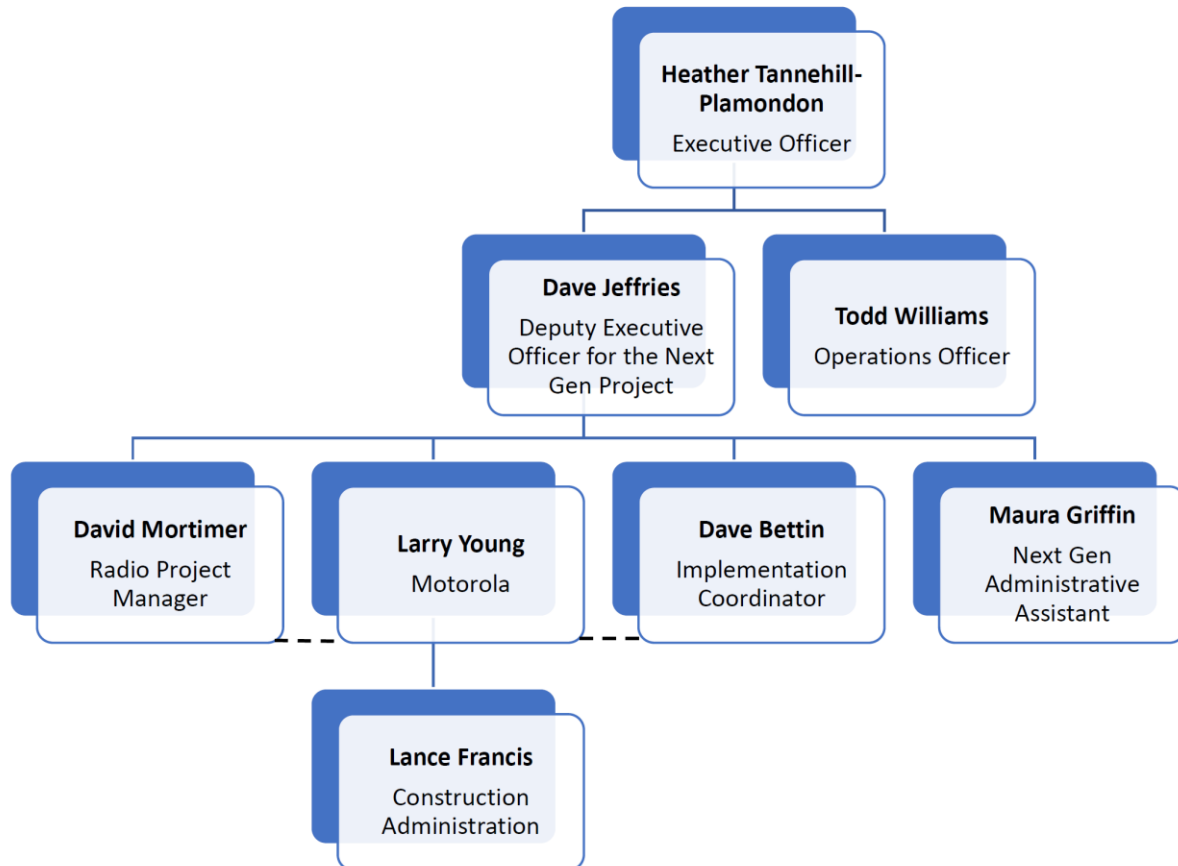
b. Fire Dispatch Center

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.

6) Revised Organization Chart:

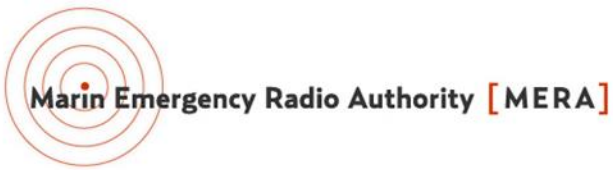
- a. The following chart depicts the changes in staff and structure as a result of:

1. New MERA Executive Officer – Heather Tannehill-Plamondon
2. Change in Construction Management from AECOM to Motorola



7) Project Summary Table:

<u>Tasks Completed</u>	<u>Upcoming Tasks</u>
<ol style="list-style-type: none"> <li>1. Motorola installs at BP 1 sites</li> <li>2. Construction of BP-2 Sites</li> <li>3. Neighborhood notifications to Skyview and Mill Valley for construction</li> <li>4. Microwave License Extensions</li> <li>5. Schedule Update</li> <li>6. Transition from AECOM to Motorola for Construction Management</li> </ol>	<ol style="list-style-type: none"> <li>1. Test Connectivity Plan</li> <li>2. Deliver FSA site plans and Connectivity Plan to MERA agencies</li> <li>3. Control Station Order</li> <li>4. FSA Equipment Staging</li> </ol>



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<p>7. Fire agencies advised of Fire Station Alerting site requirements.</p>	
<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-1A and 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.