

**MARIN EMERGENCY RADIO AUTHORITY**

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**DATE:** April 28, 2021  
**TO:** MERA Governing Board  
**FROM:** Andrew LeBlanc, Operations Officer  
**SUBJECT:** AGENDA ITEM C-3: Update – Report on Gen I Initiatives (Discussion)

Discussion: The MERA Governing Board requested that DPW Communications staff prepare a staff report on the Gen1 MERA System Major Maintenance and repair evaluation.

Background: The operation and maintenance of the Gen1 System are performed by the DPW Communications Division staff together with our manufacturer partners. Due to the age of the Gen 1 system, the Communications team is sourcing additional spares to extend the Network's life expectancy.

Channel Bank Equipment:

DPW has sourced additional Channel Bank spares from PSI Datacom, a certified vendor that carries legacy telecommunications equipment. The equipment order was placed in March 2021, and the equipment is anticipated to arrive in the first week of May 2021

San Francisco Spares:

DPW staff is working with the City and County of San Francisco to identify compatible network spares as San Francisco is currently upgrading its legacy Gen 1 network to next-gen. It is estimated that the San Francisco network upgrade will be complete by September 2021, and at that time, critical spares will be identified and transferred to Marin.

HVAC Upgrade (GEN1)

Mount Barnaby is currently scheduled for its HVAC upgrade the week of April 26, 2021.

The remaining sites (Dollar Hill, Mt. Tam, Stewart Point, Point Reyes) will have their HVAC upgraded in mid to late 2021

Fire Clearing – Gen 1 sites

The County will review the fire mitigation plans at all MERA Gen 1 sites and, where needed, will complete fire cleaning/mitigation.