

## Radio Replacement Project Updates

November 15, 2021

### Subscribers:

- Opt-In Mobile Installs focusing on Police. MIT will have a team that meets vaccination requirements assembled in the next few weeks. Fire apparatus mobile radio installs will begin when the dedicated team is ready.
- Detailed report can be found here:  
<https://sites.google.com/view/sno911rrp/rrp-mobile-radio-project>
  - **Marysville PD (Pilot) 99% 04NOV21**  
07OCT21 - 04NOV21  
Radios: 78 out of 78 done
  - **Everett PD 30% 10NOV21**  
26OCT21 - 06DEC21  
10NOV21: 68 out of 196 Installations Completed
  - **Lynwood PD (Active)**  
15NOV21-14DEC21
  - **Mukilteo PD (Planned)**  
07DEC21 - 14DEC21
- Request for Non-Standard Antennas APF included in November Board packet. Request to offer a project swap out of surface mounted GPS/WiFi Antenna with glass-mounted version and a low-profile antennae for covert vehicles.
- Opt-out agency radio deliveries is substantially completed.
  - Staff are targeting opt-out reimbursement checks will be provided by the end of the year.

### Radio Sites/Microwave:

- Our overall site construction procurement plan has been developed, and will involve four phases. This approach allows the work to begin at sites where design work is completed and continue to work on design at the same time.
  - Phase 1 – Contract awarded
  - Phase 2 – Recommendation for approval of contract at November Board meeting

### Risks:

- After several months of work, the final Canadian primary frequencies and associated design have been approved by the FCC.
  - MSI has completed the final configuration design, that meets the FCC/Canadian interference requirements and the contractual coverage requirements
  - Concurrently, there is an opportunity to make further improvements to the system by acquiring additional US primary frequencies that do not have the interference/design requirements.

- Project team is working through this request with Motorola to ascertain impacts to scope, budget, schedule and ultimately coverage.
- The project is in the site construction phase. This is an area of increased project risks because of unknowns that can pop up during construction. Our knowledge and confidence related to this risk will increase as the first three sites are underway.

**Policy:**

- A Limited Access Talkgroup Authorization, Programming, and Auditing Policy was approved by Police TAC. This policy is attached for reference only, and outlines roles and responsibilities for SNO911 and the specialty teams.
- Now that we are gaining experience with subscriber management, we are beginning to review the level of support we provide. Revisions to the Board approved support policy will be worked on through the next several weeks.

**Other/General Updates:**

- Alphanumeric Paging – Fire TAC approved a proposal in October to remove the paging system upgrade from the Motorola Contract and to move forward with a partial system replacement as described in the attached APF. No action being requested from the Board yet, just awareness that Motorola has been asked to begin work on a change order so we can fully understand budget impacts.

## RRP Policy & Major Decision Timeline

- **11/2021: Police TAC approved Limited Access Talkgroup Authorization, Programming, and Auditing Policy.**
- **10/2021: SNO911 Board of Directors approved Change Order 6 – radio quantities to fulfill needs of SCSO Corrections and delta of needs and changes from original project scope.**
- 9/2021: ECSF Advisory Board approved project budget scope increase to capture additional subscriber needs of approx. \$4.7M.
- 7/2021: SNO911 Board of Directors approved Framework for Agency's seeking radio replacement for lost/damaged/stolen radios (Update to Warranty Services Policy)
- 6/2021: SNO911 Board of Directors approved Warranty Services Policy, including authorization to purchase radio cache and other related equipment.
- 6/2021: SNO911 Board of Directors authorized creation of a new Capital Fund for agency subscriber equipment starting with a fund balance of \$150,000 and a target maximum of \$600,000.
- 6/2021: Fire-TAC approves mobile programming information
- 6/2021: Police-TAC approves mobile programming information
- 4/2021: Motorola provides "boston strap" to replace leather swivel holster for APX 8000 HXE portable radios
- 3/2021: Fire-TAC requests changes to radio programming templates, SNO911 receives Fire-TAC approval of updated templates
- 3/2021: Police-TAC requests changes to radio programming templates, SNO911 receives Police-TAC approval of updated templates
- 1/2021: SNO911 approves Law, Fire, and Sheriff radio programming templates
- 1/2021: Fire-TAC Template Committee approves programming
- 12/2020: Motorola Change Order 3 Approved
  - All systems – except paging – have been modified with new technical exhibits replacing existing exhibits, new schedule is established, project credit established and reserved for future/planned items
- 12/2020: Fire-TAC approves template changes and gives Fire Template Committee authorization for further changes
- 8/2020: Police-/Fire-TAC approves Subscriber programming templates (zone/channel assignments & ergonomics)
- 6/10/2020: Motorola Change Order 2
  - Updated Coverage testing methodology, final subscriber configuration and counts, increased functionality in subscribers (encryption/XE for fire, Wi-Fi for all)
- 5/2020: Phased deployment approach adopted
  - Decision to deploy system designed for 800 MHz Portable operations, and expand to support multi-band Portable operations as a future phase
- 4/16/2020 - Subscriber Scope of Services Policy approved
  - Agencies will own subscriber equipment, SNO911 will plan for long-term replacement and process/assist with warranty repairs
  - Installation details including differences for agencies who choose to opt-out of project installs
- 4/16/2020: Additional Subscribers Policy approved
  - Covers reimbursement parameters and process for radios purchased after 1/1/2019 and are an increase to quantities in project scope. E.g. New (additional) apparatus added to fleet
- 1/2020: WAVE5000 Pilot Program approved

- 9/2019: Fire Subscriber Replacement Policy approved, updated 5/2020
- 9/2019: Law Subscriber Replacement Policy approved, updated 5/2020
- 7/2019: Motorola Change Order 1
  - Allows agency cooperative purchasing, updated subscriber warranty protection
- RRP – Future Replacement Policy – Under Development