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1121 SE Everett Mall Way  
Suite 200  
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**DATE:** 4/3/2021

**TO:** Police-TAC & All SNO911 Law Enforcement Members

**FROM:** Brad Steiner

**RE:** Updated Uniform Policy for Law Subscriber Replacements provided by Radio Replacement Project

The purpose of this memo is to propose updates to the Uniform Policy for Law Subscriber Replacements that was approved previously by Police-TAC and the SNO911 board and dated 5/14/2020. With your review and approval of this update, this document will replace the previous policy entirely. The following sections are a reproduction of the original policy, with changes/additions highlighted in red for ease of review.

### **Confirmation of Method**

After the initial recommendation, the PPC received updated deployment information which illustrated the varying ways in which agencies utilize their radio equipment. This variance reinforced the PPC's notion that some level of discretion is necessary for law enforcement as the needs of their users are dynamic and will change based on the season or situation.

The data also reinforced that the PPC's initial recommendation of a 1:1 replacement up to a maximum portable radio quantity of 130% of the full-commissioned officer count would provide all of the radios that are in use today (this was supported for the departments that provided the additional data).

### **Proposed Agency Distributions**

The PPC is recommending the following replacement policy for law agencies under the RRP:

"Mobile" Radios:

- The RRP will replace existing mobile radio units with the definition of "existing" being
  - Programmed and functional on the current system
    - **The new radio will use a new radio ID #**
  - The radio was purchased prior to November 1, 2018
  - The RRP considers "jerk and run" configurations less reliable and will replace them with a mobile installation
- The number of existing mobile radios provided is limited to one (1) per operational vehicle (e.g. automobile, motorcycle, boat, etc.) and that vehicle must be owned and/or registered to the agency. An agency may opt. to reduce this quantity if desired.
- The RRP will supply a single multi-band antenna to be installed on the roof of the vehicle (automobile or motorcycle) where the existing 800 MHz antenna is today
- Control-head customizations can be performed for covert, or other specialized vehicles as identified by the agency (assumed limited quantities)

- The three identified aircraft will be handled as a separate effort directly with the aircraft radio manufacturer due to the sensitive nature of aviation electronic installation standards. All work will meet FAA rules and regulations as well as the mission-centered needs of the pilots and crew.
- The number of existing “desktop” mobile radios (a.k.a. control stations) provided is limited to one (1) per operational desktop, but the equipment and services are limited to the radio unit only, and does not include considerations for:
  - Multi-band antennas, coaxial cables, and lightning arrestors, etc.
  - Specialized microphones, telephone desk-sets or other custom-audio distribution methods.

#### Portable Radios:

- The RRP will replace existing portable radio units with the definition of “existing” being
  - The portable radio is functional and complete (it can be powered on)
  - Programmed for use on the current system
    - **The new radio will use a new radio ID #**
  - The radio was purchased prior November 1, 2018
- With the exception of Snohomish County Corrections, who has unique needs, (number of portables included in table below), the total number of portable radios provided to each agency is limited to the smaller of the following quantities:
  - The number of existing portable radios as defined above
  - The number of budgeted, full-commissioned officers plus 30%, then rounded up to the nearest radio
    - E.g. An agency with 51 budgeted full-commissioned officers can receive up to 67 portable radios ( $51 * 1.3 = 66.3 \rightarrow 67$ )
- The portables provided are the APX8000/APX6000 series as previously identified and include the following additional hardware:
  - Single-Band antenna (7/800 MHz)
  - Wind-Porting corded speaker microphone
  - One additional battery
  - Single-unit charger
    - Six can be combined/replaced with a single “gang”-charger
  - Leather or Plastic Swivel-Case or Belt-Clip as detailed below

#### Encryption

While all new radios provided to a user agency through the RRP are capable of encryption, the radios will not be initially provisioned for encryption on the existing system unless they are replacing a current encryption-provisioned radio. (I.e. if an agency has 10 encryption-activated radios today, they will continue to have 10 encryption-activated radios with their new radios on the existing system.)

All law radios will be capable of encryption, and all law talk-groups will be encrypted in the updated programming templates that will be updated post-cutover to the P25 system.

### **Spare Radios**

SNO911 is preparing to maintain a cache of mobile and portable radios for both emergency/increased demand situations as well spares for replacement during repairs.

The agency discretionary radios are envisioned to be used first, but the on-call staff at SNO911 will be available to assist and deliver additional radios should additional units be necessary.

### **Installations**

The RRP is providing for programming and installation (installation excludes agencies that have opted to perform their own installations) of RRP-provided equipment as a one-time effort. At no time will SNO911 take possession of any existing agency radio equipment. Existing mobiles and portables will be “blanked” and returned immediately with the new radios, as well as any associated hardware removed during installation.

This is so each agency can follow their own inventory and disposal policies.

Agencies with staff for installation are welcome to have their staff present and provide quality oversight for the RRP-provided installation teams. All work is subject to agency inspection at any time. Agency staff will also have input on the installation practices prior to installation beginning should they desire.

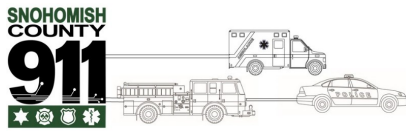
### **Additional Options**

Agencies do have access to the full line of APX-series hardware through the contract as well. In addition, the radio system will have secure communications to cellular phones provided by the Motorola WAVE application.

It is highly encouraged by the PPC for agencies to consider these alternatives for their civilian/volunteer staff. While outside of the scope of the RRP, other vendor radio equipment is also an option for agencies to consider. The staff at SNO911 are available for consultation at any time.

### **Quantities & Configurations Provided by RRP**

The table below documents the final quantities and configurations of subscriber equipment that will be provided to each agency based on the rules above as part of the RRP scope. (Additional quantities will be classified as additional scope.) Only the agencies listed below are to be provided equipment by the RRP.



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Agency Name	Portable Radios	Mobile Radios					Desktop	Helicopter	Portable Case Choices	Control Head Substitutions
		Auto - Dash	Auto - Remote, Single Head	Motorcycle - Remote, Single Head	Specialized - Remote, Dual Head	Boat - Remote, Single Head				
Arlington PD	39	0	21	0	0	0	3	0	10 Belt-Clip, 29 Swivel-Case Plastic	7 "O3s"
Brier PD	10	0	6	0	0	0	1	0	Belt-Clip	
Edmonds PD (incl. Woodway)	82	12	22	3	0	0	2	0	Swivel-Case, Leather	12 "O3s"
Everett PD	292	0	191	4	0	2	5	0	Belt-Clip	
Lake Stevens PD	40	0	22	1	2	2	1	0	20 Swivel-Case, Plastic; 20 Swivel-Case, Leather	2 "O3s" (Dual H.)
Lynnwood PD	98	0	57	8	1	0	2	0	Swivel-Case, Plastic	18 "O3s"
Lynnwood Corrections	26	0	2	0	0	0	0	0	Swivel-Case, Plastic	
Marysville PD	95	0	78	0	0	0	0	0	Belt-Clip	
Mill Creek PD	33	0	17	1	0	0	2	0	Belt-Clip	4 "O3s"
Monroe PD	45	0	24	2	6	0	3	0	10 Belt-Clip; 35 Swivel-Case, Leather	
Mountlake Terrace PD	38	0	17	0	0	0	2	0	Belt-Clip	
Mukilteo PD	43	0	28	1	0	0	2	0	Swivel-Case, Plastic	5 "O3s"
Woodway PD	0	0	0	0	0	0	0	0	NA	
SNOCO Auditor	7	0	7	0	0	0	0	0	6 Swivel-Case, Leather; 1 Swivel-Case Plastic	
SNOCO Parks (Ranger)	22	3	1	0	0	0	0	0	Swivel-Case, Plastic	
SNOCO Dept. Emer. Mgmt.	66	9	5	0	2	0	2	0	Belt-Clip	
SNOCO Sheriff Office (incl. Contract Cities, SAR)	417	2	348	7	0	5	11	3	Swivel-Case, Plastic	
SNOCO Sheriff Corrections	178	0	9	0	0	0	3	0	Swivel-Case, Plastic	
SNOCO Sheriff Corrections (APX6000)	92	0	0	0	0	0	0	0	Swivel-Case, Plastic	
Stillaguamish PD	17	16	0	0	0	1	0	0	Belt-Clip	
SNO911 (Dispatch)	32	0	3	0	0	0	0	0	Swivel-Case, Leather	
SNO911 (Wireless)	18	0	19	0	0	0	0	0	Swivel-Case, Leather	
SNO911 (Cache)	48	0	6	0	0	0	0	0	Swivel-Case, Leather	