

POLICY 8 – INDIVIDUAL or CLUB COORDINATION: REPEATER CALL SIGN, TRUSTEE, and DESIGNATED REPRESENTATIVE.

An individual coordination must have a trustee as shown in the FCC ULS, plus repeater trustee and designated representative information that includes a valid email and phone number. **A trustee and designated representative are required entries.**

A coordination that has an amateur radio **club** call sign as the repeater call sign, must have the trustee as shown in the FCC ULS. **Both trustee and designated representative must include a valid email and phone number. These are required entries.**

Adjacent channel distances: (16K0F3 and 20K0F3 emission) 1. 28, 50, & 222 MHz repeaters: 25 miles at 20 KHz spacing.

2. 144-148 MHz repeaters:

a. 144-145 MHz: 25 miles at 20 KHz spacing.

b. 144-145 MHz: 35 miles at 10 KHz spacing.

c. 144-148 MHz: 35 miles at 12.5 KHz spacing.

d. 146-148 MHz: 35 miles at 15 KHz spacing.

3. 440, 902, 1240 MHz and above, repeaters with 25 kHz (or greater): 0 (zero) miles.

C. Adjacent channel distances: (11K0F3 emission) 1. 902 MHz with 12.5 kHz spaced channels; 25 miles

Repeater Trustees are required to select and enter a tone on the coordination application. The use of CTCSS or DCS may also help reduce interference from stations that might be in an area and can access more than one at a time. In all cases, Tone Encode will be required for the repeater to be coordinated. All repeaters coordinated/recertified after **10-1-23** will require a tone to be entered on the coordination form.

Digital Hotspots for DMR, DStar, YSF, etc.

440.9250	440.9500	440.9750	441.0250	441.0500
441.0750	441.1000	441.1250	441.1500	441.1750

“Hotspots” are low-power digital interface devices intended to bridge between the Internet and hand-held digital-mode radios. These recommended frequencies are shared with Narrow Band FM Digital Simplex users shown above, and care should be taken to not choose a frequency already used locally. No amplifier or external antenna should be used with a hotspot, and the transmit power of the corresponding radio should be set to minimum.

1. Non-Coordinated Repeater Channels

In addition, the “itinerant and short term” channels presently available in the 70 cm band, are intended to be portable or movable to different locations as needed. SERA will now allocate two additional channels **445.850/440.850 and 445.875/440.875** to be used for short-range repeater communications (backyard systems). These two pairs will be non-coordinated, stationary, and would have no protection against interference. These non-coordinated repeaters will consist of an antenna height of no more than 50’ feet above ground and 50 feet above average terrain computed with the FCC Calculator. Power will be limited to 50 watts ERP.