

## **Tone Squelch Protection**

Recently questions have come up about tone squelch protection and interference. To stop interference to your radio from stations outside your repeater community you must have your receiver tone squelch protected. Of course your repeater transmitter must have the same tone in order to open your receiver. If your receiver is not tone protected it is open and will hear everything on the channel even if those transmitters that have tone control. If your receiver is tone controlled and the interfering repeater has a different tone you will not hear it. The misconception comes from programming your radio for tone and the program only puts tone on your transmitter. Many programs require you to select receive or transmitter or both when programming. Check your radio manual carefully in the tone programming section, and check the programmer directions. Another important thing to know is that most radios and programmers put tone on individual frequencies. If you put tone on 147.120 and switch to 145.39 you will not have tone any longer and that frequency will have to be tone protected if you want it. Putting tone squelch on the repeater transmitter does not stop any interference you must put tone on receivers to stop interference.