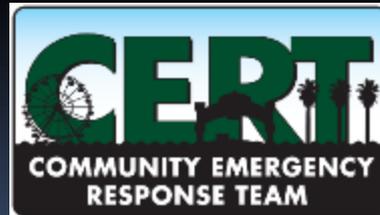


NEW HAM CLASS

OR EVERYTHING YOU WANTED TO KNOW BUT WERE AFRAID TO ASK



Programming Your Radio

- There are 4 – 5 different sequences to programming your HT. It depends on the make and model.
- Prerequisites:
 - Have a written list of the frequencies and repeater settings
 - Read your manual on how to program
 - Have an understanding of how repeaters work

Programming Your Radio

- Set the frequency:
 - Simplex: Transmit and receive are the same
 - Repeater (Duplex): Set the receive frequency
- Set the Tone (CTCSS):
 - None (not common with repeaters)
 - Tone Encode (called T or PL)
 - Tone Decode (called CT or CTCSS)
- Set the tone frequency – probably your radio has a table to pick from
- Save the settings in a channel memory

Programming Your Radio

- Enter the channel's descriptive name
- Verify that the offset is correct by using the "Reverse" function
- Test the channel with a ham friend – don't ker-chunk repeaters
- When you are proficient in manually programming your radio, connect it to a computer with compatible software and make a backup copy.

Programming Your Radio

- Let's program your HT for the Santa Monica DCS repeater:
 - Frequency = 145.280 MHz
 - Tone Type = "T" (Tone Encode)
 - Tone Frequency = 127.3 Hz
 - Save it to a memory channel
- We'll need to test them outside.

Wrap-up

- Questions
- Dennis – KJ6UVQ@arrl.net
- This presentation is available as a pdf at:
Laemcomm.org