Ham 21 – Hand-held Tuning Checklist
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1. Although you have your radio programmed, there is an apprehension about doing things wrong or messing up.
   a. Mic-fright strikes even professional speakers.
   b. This is ham radio. Unless you interfere with another station, you can be you.
   c. Even after seeing all the things you can do, a quick checklist is often handy if you are a little uncomfortable.

2. Fundamentals of Baofeng Radio to select mode.
   d. Turn on radio.
   e. Press VFO/MR key to get to channel mode.
   f. Frequency mode (VFO) operates from a variable frequency oscillator. Only frequencies are displayed.
   g. Channel mode (MR) is memory recall from stored channels programed in the memory. Channel number shows.

3. Using the channel mode.
   a. Look at screen to see which frequencies are on.
   b. Use up/down arrows on keypad to switch between frequencies.
   c. Use blue A/B button to switch between top line and bottom line of display.
   d. On the left, an up arrow shows if the top line is selected and a down arrow shows if the bottom line is selected.
   e. The display has been programmed to show frequency on the top line.
      The bottom line shows the name of the frequency.
   f. The right side of the screen shows the memory channel number.
   g. By putting the same channel number in both top and bottom, you can see the frequency and the name.

4. This is a specific example for frequencies. You may well use others.
   a. Switch to top line.
   b. Scroll through memory channels until Mem 89, frequency 146.805, shows on the top line.
   c. Now you are listening to the TRO repeater we monitor.
   d. Switch to bottom line.
   e. Scroll through memory channels until Mem 12, ARES SimpleX, shows on the bottom line.
   f. Now you are listening to the commonly used simplex channel without a repeater.
   g. This set-up is for talking directly between radios without an intermediary.
   h. Typically, you may move off this channel to another unused channel for conversations.
   i. Use the A/B switch to toggle between the upper line and the lower line to use repeater or simplex.

5. To see a list of channel number, frequencies, and name, print off the .CSV file used for programming the radio.

6. Push the PTT button on the side to talk.
   Release to listen.

7. Life is good. Enjoy.