# ICOM T90A  PROGRAMMING STEPS

1. Push VFO Key ( 'a' key in upper right corner) until either A or B appear and MR number disappears
2. Push Digits to enter the frequency as needed
3. Push #8 set key for one second.  Turn knob until "R Tone" appears.
4. Push #8 set key momentarily so a PL tone number appears.  Turn knob to set desired  PL tone number
5. Push VFO key to exit set mode
6. Push and hold #2 tone key until "t" appears  Push multiple times if necessary
7. Push and hold "MODE" ('d' key (second from top right) until FM appears above frequency
8. Push and hold #4 DUP key until –DUP or DUP appears depending on whether you want a positive or negative offset.
9. The default offset is 600 kz on 2 meter so no adjustment is necessary if it's standard.
10. If a special offset Is needed, push  and hold the 8 SET key and turn knob until offset appears; push 8 set key momentarily until number appears, then turn knob to change offset number to desired offset number.  (This step is omitted if a standard offset is used)
11. Push VFO key to exit set mode.
12. Once FM mode, -DUP or +DUP, PL tone  (t)  and frequency are all set, push MR ('b' key middle on right) for one second and release.
13. Memory number will blink.  Within 2 seconds turn knob to desired memory number then push MR key and hold for two seconds.  2 audible beeps will confirm memory channel is programmed and radio returns to VFO. Push **call key briefly to toggle to Wx or Hold in to lock keypad.**