

Tech Note - How To - 30 Programming tone squelch into an IC-207H memory channel

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STEPS:

1. Turn radio on.
2. Select desired channel (#3 for VE3WCR in this case) using the channel/tuning knob.
 - Make sure the rig is in memory channel mode by looking for a white letter **M** inside a small dark background just under and near the left hand end of the S-meter. If the memory channel mode indicator is not showing, briefly press the **[M/CALL|prio]** button (single beep), which is 2nd from the left.
3. Enter 'Set' mode.
 - Briefly press the **[SET|lock]** button (single beep), which is 6th from the left or right most button.
4. Check and, if necessary, set 'rt' (repeater tone) frequency.
 - If 'rt' does NOT appear above the **[SET|lock]** label on the display, press the **[SET|lock]** button briefly (single beep per press) as many times as necessary.
 - Now, if the frequency display does NOT show 107.2, use the channel/tuning knob to adjust it.
5. Check and, if necessary, set 'Ct' (carrier tone) frequency.
 - Briefly press the **[SET|lock]** button (single beep) to show 'Ct' setting in the frequency display.
 - If 'Ct' does NOT appear above the **[SET|lock]** label on the display, press the **[SET|lock]** button briefly (single beep per press) as many times as necessary.
 - Now, if the frequency display does NOT show 107.2, use the channel/tuning knob to adjust it.
6. Leave 'Set' mode.
 - Press the **[M/CALL|prio]** button (single beep) once.
7. Set desired tone mode.
 - Press the **[TONE|t-scan]** button (single beep), 3rd from the left until you see the desired tone mode indicator appear next to **DUP** - just above the gap between the 1st and the 2nd digits in the frequency display.
 - The single letter **T** indicates tone on PTT (the 'rt' frequency); the string **T SQL** tone on both PTT and receive; **T SQL (O)** indicates tone on both PTT and receive as well as 'pocket beep' being active; and finally, an empty string indicates no tone mode.
8. Save changes to memory/channel.
 - Press and hold the grey **[MW|s.mw]** button (triple beep), located between the blue **[BAND]** button and the channel/tuning knob. Release the button. Now do that again - yes, that's right: press and hold the **[MW|s.mw]** button (triple beep) a second time.
9. Return to memory mode.
 - Press the **[M/CALL|prio]** button (single beep). This should return the rig to memory channel mode.
10. Verify the programming.
 - Change to some other channel than the one you just programmed using the channel/tuning knob and then change back that channel to verify that in fact the desired tone mode indicator is being shown up with and to the right of **DUP** above the frequency read out.

HINTS:

- Review the front panel of the rig and familiarize yourself with the labels and the locations of the various buttons and knobs.
- If the rig's volume is turned up high enough, you'll hear a single short high pitched beep whenever you press a button briefly and a funny triple beep when you press and hold it.

