SOME NOTES ON PROGRAMMING THE BAOFENG UV-5R & STORING FREQUENCIES IN MEMORY

Menu System Basics

All of the UV-5R's operating parameters are set via a menu system, which can take a little getting used to if your experience has been mainly with older rigs that have a separate button for each function.

In brief, this is how the menu system works:

Press the *menu* button once, and you will see the first of the 41 menu options displayed (no. 0 – Squelch). You scroll through the options using the *up/down* buttons above the numeric keypad; if you know the number of the menu option you want, you can go straight to it by pressing the appropriate numeric keys, eg. 2 for transmit power.

When you reach the menu option you want, press *menu* again, and you will see that the *up* arrow alongside the menu item name at the top left of the display disappears, and a *down* arrow appears at bottom left of the display alongside the current setting for that particular option. If you have voice prompts enabled, the radio will say the name of the option selected, eg. "squelch".

Using the *up/down* buttons you can now scroll through the available settings for that option. When you get to the one you want, press the *menu* button again to store it (if you have voice prompts enabled, the radio will say "confirm"). You can then continue scrolling through the other menu options using the *up/down* buttons, or press the *exit* button to leave the menu mode.

You do need to be reasonably quick in making your selections, as the radio will automatically exit the menu function after a few seconds if no selections are made.

Setting Channel Spacing/Steps

This needs to be set twice – once for VHF & once for UHF, so select the appropriate band using the *band* key before making each setting.

- Select Menu 1 (Step, channel spacing).
- Options: 2.5KHz, 5KHz, 6.25KHz, 10KHz, 12.5KHz, 25KHz.
- Set as explained above

For European amateur use it would be most appropriate to set this to 12.5 kHz for VHF & 25 kHz for UHF.

Storing Simplex Frequencies in Memory

- Switch to VFO A using the *A/B* button (up arrow to left of display showing alongside top row of display).
- Select VHF or UHF by using the *band* button.
- Select the frequency you want to store, either by inputting it directly using the numeric keys or the *up/down* buttons.
- Press *menu*, key in 2 & 7, press *menu* again.
- Select an empty memory position (000 – 127) using the *up/down* buttons.
- Press *menu* again to store the frequency.

Repeat as many times as required.

Storing Duplex (Repeater) Frequencies in Memory

- Switch to VFO A using the *A/B* button (up arrow to left of display showing alongside top row of display).
- Select VHF or UHF by using the *band* button.
- Select the receive frequency you want to store, either by inputting it directly using the numeric keys or the *up/down* buttons.
- Press *menu*, key in 2 & 7, press *menu* again.
- Select an empty memory position (000 – 127) using the *up/down* buttons.

- Press *menu* again to store the frequency.
- Press *exit* button.
- Select the transmit frequency you want to store, either by inputting it directly using the numeric keys or the *up/down* buttons.
- Press *menu*, key in 2 & 7, press *menu* again.
- Press *menu* again to store the frequency.
- Press *exit* button.

Repeat as many times as required

To check that you've input the details correctly, switch to memory mode by pressing the *VFO/MR* button. You can then scroll through the memorised frequencies using the *up/down* buttons, or go directly to a specific memory channel number using the numeric keypad.

Setting DCS or CTCSS Tones

There are four settings: Two for DCS transmit/receive, and two for CTCSS transmit/receive. They are menu items 10, 11, 12 & 13.

The simplest way of setting these is to input them while you are storing your frequencies in memory. Once you have selected your frequency, go to the menu item that pertains to the tones you require (either DCS or CTCSS), and select the tone you want before storing the frequency as per the instructions above.

If a DCS or CTCSS tone is active on the frequency you have selected, the letters *CT* or *DCS* will appear in the display to the left of the frequency.