

- 23) Press the F3 "GET SAVE" key to bring up the "GET / SAVE MENU".
 - 24) Press the F8 "PROGRAM CODEPLUG" key to program the radio. You will be prompted to verify that you want to program the radio; press F2 ("CONTINUE") to confirm.
 - 25) Press the F7 "SAVE FILE" key to save the codeplug data to a disk file. If the radio has not been previously archived, you will be prompted to "CONTINUE" by pressing the F2 key. You will be asked to supply a "Customer ID:" such as Emer Rptr RX.
 - 26) Press F8 to save the data to the disk.
 - 27) Turn off the radio and disconnect the power cable.
 - 28) Remove the four (4) screws that secure the top and bottom covers to the radio. Loosen the two (2) front panel screws sufficiently to allow removing the bottom cover.
 - 29) Move jumper block JU551 from the "A" position to the "B" position. (JU551 is located near the support bar for the heatsink.)
 - 30) Replace the bottom cover. Tighten the front panel screws. Replace the four (4) cover screws and tighten.
- B) The "transmitter" radio:** The "transmitter" radio is a Radius 35 Watt UHF M100. The operating frequency is 451.550 MHz with PL 1A.
- 1) Connect the radio to the RIB and a suitable power supply. Turn on the power supply.
 - 2) Press the F3 "GET SAVE" key to bring up the "GET / SAVE MENU".
 - 3) Press the F2 "READ CODEPLUG" key.
 - 4) When the computer has finished reading the codeplug, press the F10 "EXIT" key.
 - 5) Press the F4 "CHANGE VIEW" key to bring up the "CHANGE/VIEW CODEPLUG MENU".
 - 6) Press the F2 "RADIO WIDE" key.
 - 7) Key in the desired "TIME OUT TIMER" time in seconds (060 for our example). Press the "ENTER" key.
 - 8) Press the F10 key to return to the "CHANGE/VIEW CODEPLUG MENU".
 - 9) Press the F5 "MODE" key to move to the "MODE CONFIGURATION" screen.
- 10) Press the "TAB" key to highlight the "Rx FREQUENCY" area. Key in the receive frequency (451.5500 for this example). Press the "ENTER" key.
 - 11) Key in the transmit frequency (451.5500 for this example). Press the "ENTER" key.
 - 12) Press the up arrow key to scroll the "Rx SQUELCH Type" to "TPL". Press the "ENTER" key.
 - 13) Key in the TPL tone frequency (103.5 or 1A for this example). Press the "ENTER" key.
 - 14) Press the F10 "EXIT" key **twice** to return to the "MAIN MENU".
 - 15) Press the F3 "GET SAVE" key to bring up the "GET / SAVE MENU".
 - 16) Press the F8 "PROGRAM CODEPLUG" key to program the radio. You will be prompted to verify that you want to program the radio; press F2 ("CONTINUE") to confirm.
 - 17) Press the F7 "SAVE FILE" key to save the codeplug data to a disk file. If the radio has not been previously programmed, you will be prompted to "CONTINUE" by pressing the F2 key. You will be asked to supply a "Customer ID:" such as Emer Rptr TX.
 - 18) Press F8 to save the data to the disk.
 - 19) Turn off the radio and disconnect the power cable.
- C) R*I*C*K Dip Switch (S2) Settings:**
- 1) The repeater is unidirectional; turn S2-1 "OFF".
 - 2) The "receiver" radio will key the "transmitter" radio with the pin 8 signal; turn S2-2 "OFF" and S2-3 "ON".
 - 3) There isn't any remote control to used with the repeater; turn S2-4 "OFF".
 - 4) We have decided to use normal receiver audio from the receiver; turn S2-5 "OFF", S2-6 "ON", S2-8 "OFF" and S2-9 "OFF".
 - 5) We will use the "COR" signal from the "receiver" radio; turn S2-7 "OFF".
 - 6) We desired a 1.5 second drop out delay to unkey the "transmitter" radio; turn S2-10 "ON" and S2-11 "OFF".
 - 7) Our configuration is standard; turn S2-12 "OFF".