LEVEL" column. Press the up arrow to toggle to the "LOW" condition. Press the "ENTER" key.

14) Repeatedly press the "TAB" key until the "FUNCTION #" column for "PIN NUMBER" 14 is highlighted.

15) Press the up arrow key to set the "FUNCTION #" to "01". Verify that a "NULL" function with an "OUTPUT" direction is present. Press the "ENTER" key. If a "LOW" active level description is present proceed to step 16. If the active level is "HIGH", then press the "TAB" key until the "HIGH" is highlighted under the "ACTIVE LEVEL" column. Press the up arrow to toggle to the "LOW" condition. Press the "ENTER" key.

16) Press the F10 "EXIT" key **twice** to return to the "CHANGE/VIEW CODEPLUG MENU".

17) Press the F5 "MODE" key to move to the "MODE CONFIGURATION" screen.

18) Press the "TAB" key to highlight the "Rx FREQUENCY" area. Key in the receive frequency (453.9875 for this example). Press the "ENTER" key.

19) Key in the transmit frequency (453.9875 for this example). Press the "ENTER" key.

20) Press the up arrow key to scroll the "Rx SQUELCH Type" to "TPL". Press the "ENTER" key.

21) Key in the TPL tone frequency (103.5 or 1A for this example). Press the "ENTER" key.

If, as in our example, the transmit TPL code is the same as the receive TPL code, then proceed to step 23.

22) If the transmit TPL code is different from the receive TPL code, then press the "TAB" key to highlight the "Tx SQUELCH Code" area and key in the proper TPL code. Press the "ENTER" key.

23) Repeatedly press the F10 key to return to the "MAIN MENU" screen. Verify that you have the "MAIN MENU".

24) Press the F3 "GET SAVE" key to bring up the "GET / SAVE MENU".

25) 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 that you do want to program the radio.

26) 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 HP Fire Dept.

27) Press F8 to save the data to the disk.

28) Turn off the radio and disconnect the power cable.

29) Remove the four (4) screws that secure the top and bottom covers. Loosen the two (2) front panel screws sufficiently to allow removing the bottom cover.

30) Move jumper block JU551 from the "A" position to the "B" position. (JU551 is located near the heatsink.)

31) Replace the bottom cover. Tighten the front panel screws. Replace the four (4) cover screws and tighten.

C) R*I*C*K Dip Switch (S2) Settings:

1) The repeater is bi-directional; turn S2-1 "ON".

2) The pin 14 signal of the "receiver" radio will key the "transmitter" radio; turn S2-2 "ON" and S2-3 "OFF".

3) There isn't any remote control to used with the repeater; turn S2-4 "OFF".

4) We have decided to use normal receiver audios from the radios; turn S2-5 "OFF", S2-6 "ON", S2-8 "ON" and S2-9 "OFF".

5) We will use the "COR" signal from the "receiver" radio; turn S2-7 "OFF".

6) The bi-directional repeater requires the shortest dropout delay; turn S2-10 and S2-11 "ON".

7) Our configuration is standard; turn S2-12 "OFF".

After setting all of the positions, dip switch S2 should look like the drawing on the following page.

D) ADJUSTMENTS: Continue to the sections of this manual titled "R*I*C*K, Radio and Associated Hardware" and "R*I*C*K Adjustments" for the completion of the setup process.