15) Repeatedly press the up arrow key to set the "FUNCTION #" to "05". Verify that the "PL/DPL & CSQ Det" function with an "OUTPUT" direction is present. Press the "ENTER" key. If the "LOW" active level description is present then 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 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 (154.3100 for this example). Press the "ENTER" key.

19) Key in the transmit frequency (154.3100 for this example). Press the "ENTER" key.

20) Since there are no coded squelch tones/codes or signaling systems being used at this time, verify that the "RX SQUELCH Type" is "Carrier". If "Carrier" is not present in the highlighted area, repeatedly press the up arrow until "Carrier" appears. Press the "ENTER" key.

21) Press the F10 key **twice** to return to the "MAIN MENU" screen. Verify that you have the "MAIN MENU" screen.

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

23) 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.

24) 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.

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

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

27) 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.

28) Move jumper block JU551 from the "A" position to the "B" position. (JU551 is near the heatsink support bar.)

29) 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 2 Watt LPI UHF M216 that operates on 453.9875 MHz with tone coded squelch (PL 1A-103.5 Hz).

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) Repeatedly press the "TAB" key until the "ACC. EXTERNAL" area is highlighted.

9) Repeatedly press the up arrow key to scroll through the accessories until "GENERAL I/O" appears. Press the "ENTER" key.

10) Press the F9 "OTHER ACCESSORY" key to view the "ACCESSORY CONNECTOR CONFIGURATION" screen.

11) Let's inhibit the radio for a short time after power-up; use the down arrow key to scroll the values in the "POWER-UP DELAY:" highlight until "4.301" appears. Press the "ENTER" key.

12) Repeatedly press the "TAB" key until the "FUNCTION #" for "PIN NUMBER" 8 is highlighted.

13) Repeatedly press the up arrow key to set the "FUNCTION #" to "05". Verify that the "PL/DPL & CSQ Det" function with an "OUTPUT" direction is present. Press the "ENTER" key. If the "LOW" active level description is present then proceed to step 14. If the active level is "HIGH", then press the "TAB" key until the "HIGH" is highlighted under the "ACTIVE