

## **HULL 924 CHANNEL PROGRAMMING**

### **GENERAL**

Several important details of the Model 924 programming scheme should be kept in mind. The transmitting frequency and the receiving frequency for a given channel must be programmed separately even though they are the same frequency. Also, the actual frequency is not programmed; the frequency must be converted to a program number.

### **CONVERTING FREQUENCY TO PROGRAM NUMBER**

The first step in programming a frequency is to convert the frequency to a programming number. Here are the rules:

#### **FOR FREQUENCIES BELOW 5000 kHz:**

Subtract 1000.0 . For example, the program number for 2182.0 kHz is 1182.0 (2182.0 minus 1000.0 )

#### **FOR FREQUENCIES ABOVE 4999 kHz:**

Subtract 1001.0 . For example, the program number for 8291.4 kHz is 7290.4 (8291.4 minus 1001.0 )

It is a good idea to list on paper the transmitting and receiving program numbers for each channel before beginning the programming process.

### **CHANNEL PROGRAMMING**

Step 1: Select Channel 1A .

Step 2: On the program board, turn the "Program-Operate" switch to "Program." The display will then read some random numbers.

Step 3: Select the first receive digit on the digital switch. For example, if the receive program number is 7290.4, select 7. Now press the 1 MHz button and see that the LED display reads the selected digit.

Step 4: Repeat Step 3 but using the second digit and the 100 kHz button.

Step 5: Repeat Step 3 but using the third digit and the 10 kHz button.

Step 6: Repeat Step 3 but using the fourth digit and the 1 kHz button.

Step 7: Repeat Step 3 but using the fifth digit and the 0.1 kHz button. This completes the RECEIVE programming for Channel 1A. See that the LED display reads the correct program number.

Step 8: Repeat Steps 3 through 7 except use the TRANSMIT digits and press the microphone button at the same time you press the programming buttons.

This completes the programming for Channel 1A. See that the LED display reads the correct RECEIVE program number, and, when the microphone button is pressed, the correct TRANSMIT program number.

Repeat the above procedure for all channels to be programmed. Upon completion return the PROGRAM-OPERATE switch to OPERATE position and replace the top cover.