

Configuring the iMet-3050 for Narrow Band (6 kHz) Radiosondes

Purpose:

This document provides a procedure for changing the settings on the iMet-3050 System to accommodate the bandwidth change from 50 kHz to 6 kHz.


Procedure:


Use this procedure if you are already using a preconfigured memory channel list in accordance with the User Manual:

1. Connect the iMet-3050 System to the system computer and turn the power ON.



2. Open the IC-PCR2500 software by clicking the icon.

3. Click the  Power button if necessary to turn on the receiver.

4. Click the  Memory Edit button to access the Memory Channel Editor.
5. Change the “Name”, “Frequency”, “Mode”, and “Filter” to the settings shown below

Memory Channel Editor									
File View Option									
Bank 00		IMS Uses		RX Entry		MW			
CH	Name	Sub Name	Frequency	DUPLX		Mode	Filter	ATT	TS
				DUP	Offset				
0	402 MHz		402.000000		0.000000	FM	6k		1k
1	403 MHz		403.000000		0.000000	FM	6k		1k
2	404 MHz		404.000000		0.000000	FM	6k		1k
3	405 MHz		405.000000		0.000000	FM	6k		1k
4	402.5 MHz		402.500000		0.000000	FM	6k		1k
5	403.5 MHz		403.500000		0.000000	FM	6k		1k
6	404.5 MHz		404.500000		0.000000	FM	6k		1k
7	405.5 MHz		405.500000		0.000000	FM	6k		1k

6. Save the file by selecting “File→Save” on the menu.
7. Close the Memory Channel Editor by selecting “File→Close”.
8. Verify the MODE is set to FM and FILTER reads “6k” as shown in the MODE / VOL PANEL.

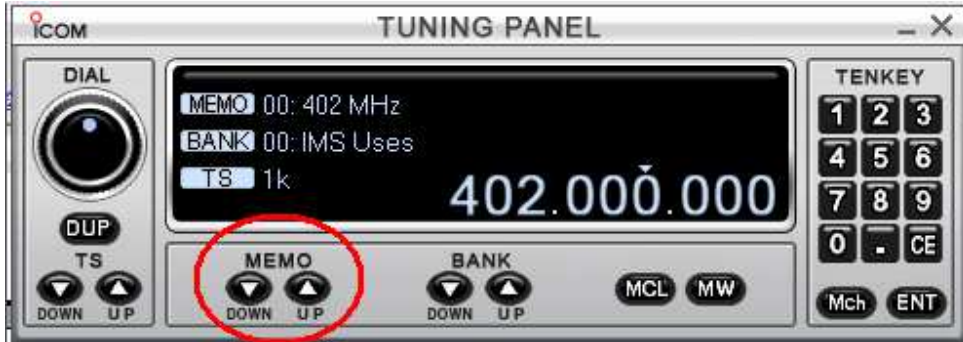
INSTRUCTIONS ON BOTH SIDE OF PAPER

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9. Click the **AFC** button in the “FUNCTION” control box of the MODE / VOL PANEL.

10. Use the MEMO buttons on the tuning panel to select the radiosonde frequency using the same method as described in the User Manual.



NOTE

If the Tuning Panel shows two sets of frequencies, this is because the receiver is set to dual mode. Switch the receiver to single mode by clicking the “Single button shown.

