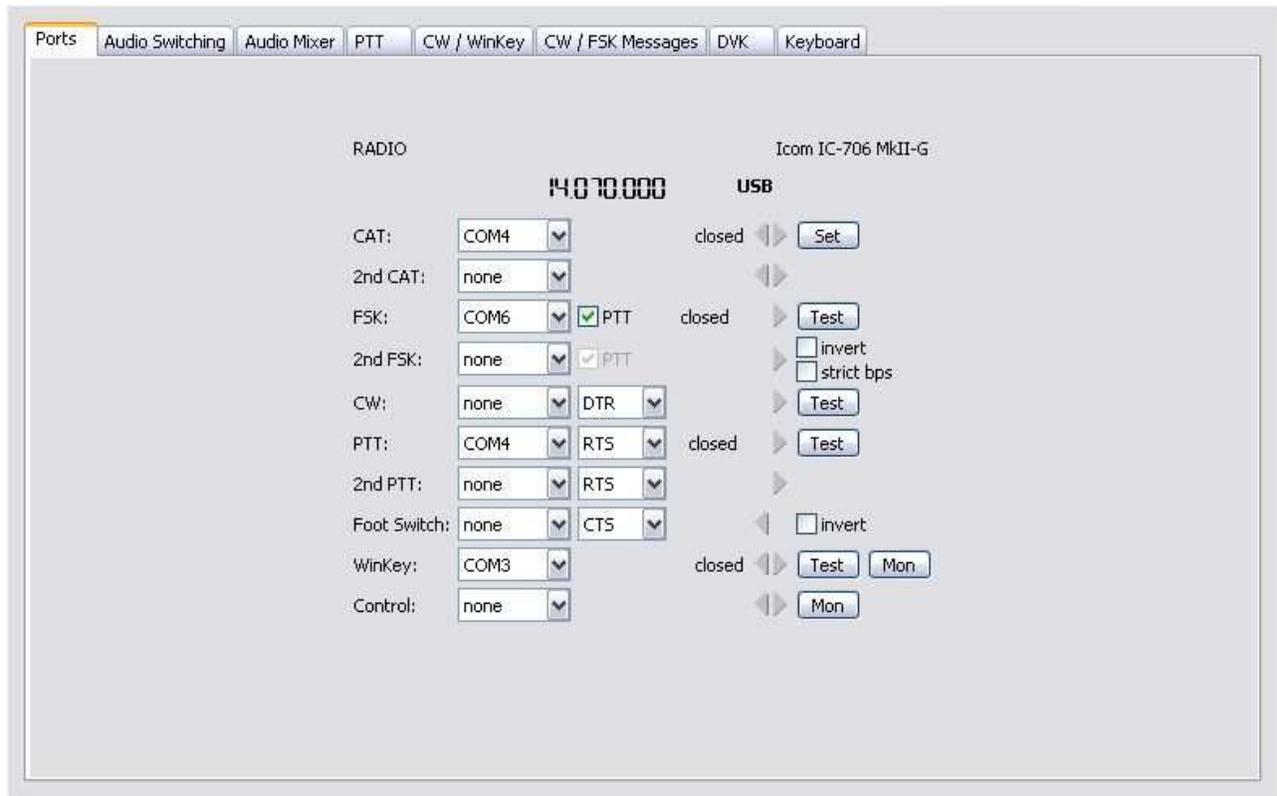


microKEYER and CommCat setup

Router setup:

Note: The absolute port numbers do not matter. The key is consistency - the same port number must be used for a specific function every time it is used.

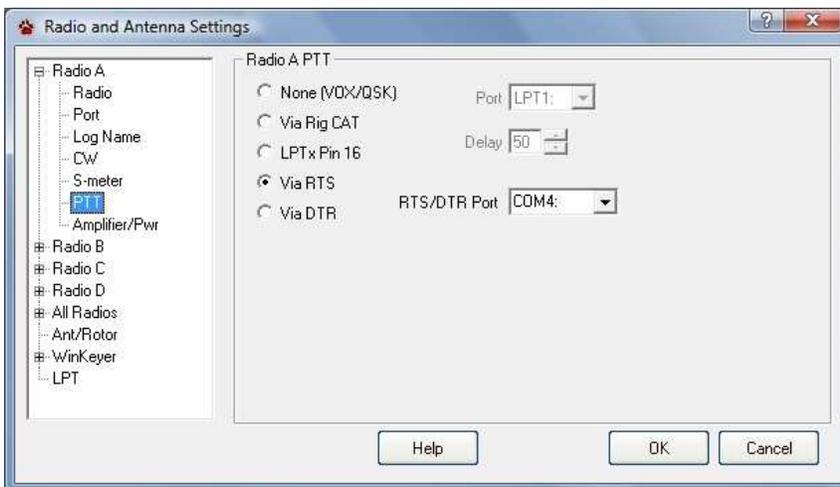
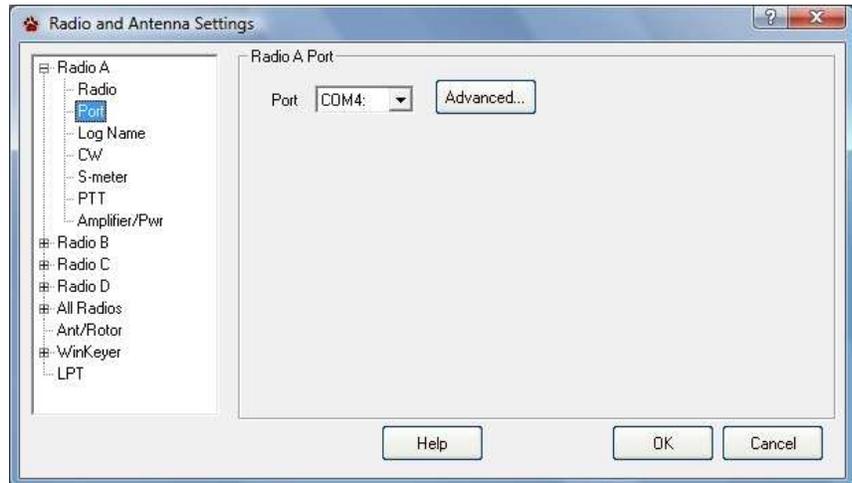
1. Assign the radio control virtual COM port.
2. Assign the same port for PTT as you assigned for Control.
3. Assign a port for WinKey.
4. Assign a port for FSK – check the PTT box.



5. Save settings to a preset by selecting menu **Preset | Save as**. Choose a position and name it CommCat.

CommCat setup:

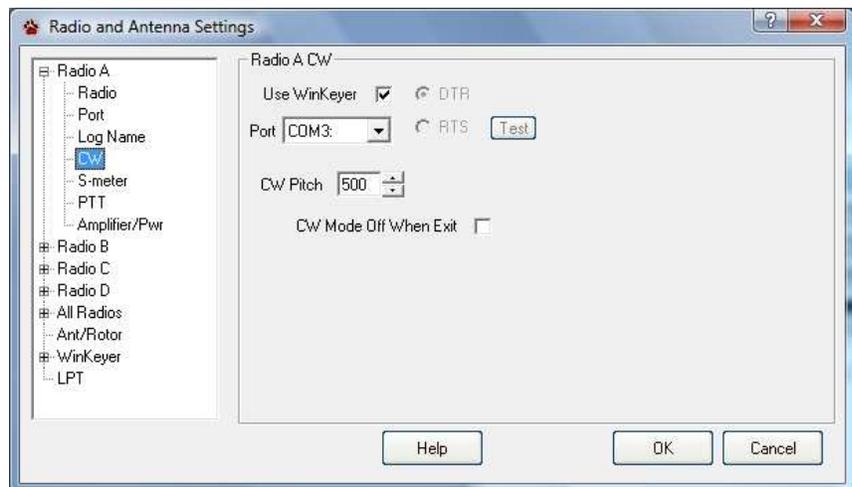
1. Click **File | Settings | Radio/Ant** and select the **Radio A | Port ...**
2. Select the same port as you set for CAT in Router.



3. Select **Radio A | PTT**
4. Check "Via RTS"
5. Set the RTS/DTR Port to the same port as you selected for CAT and PTT in Router.

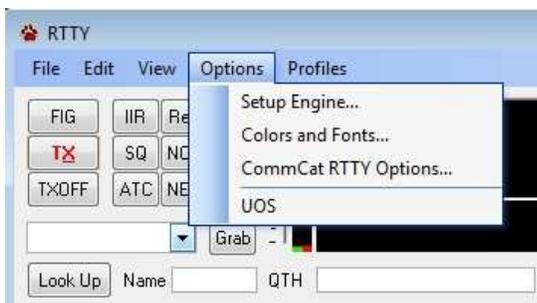
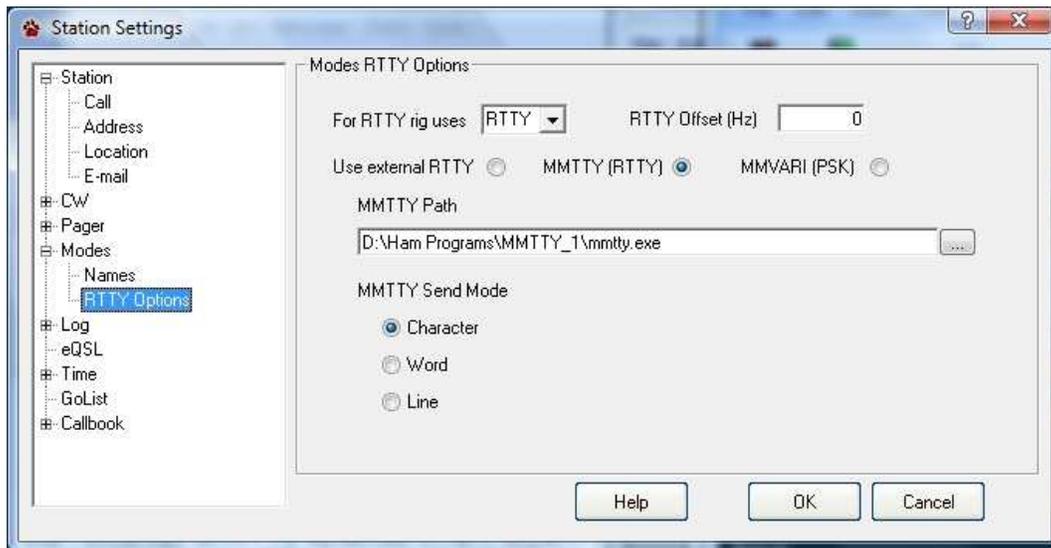
6. Select **Radio A | CW**
7. Check "Use WinKeyer"
8. Set Port to the same port you assigned for WinKey in Router

Note: WinKeyer settings are configured on the CW Tab in Router



RTTY setup:

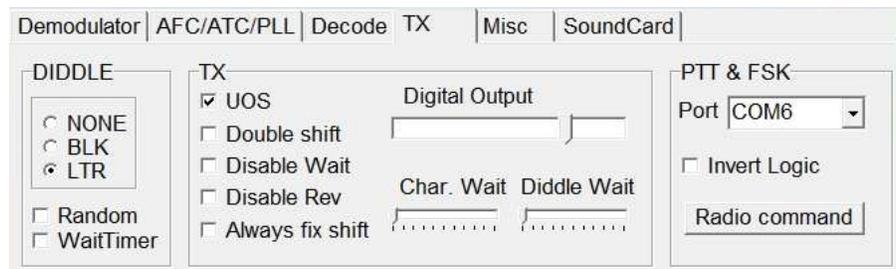
1. Click **File | Settings | Station** and select the **Modes | RTTY Options ...**



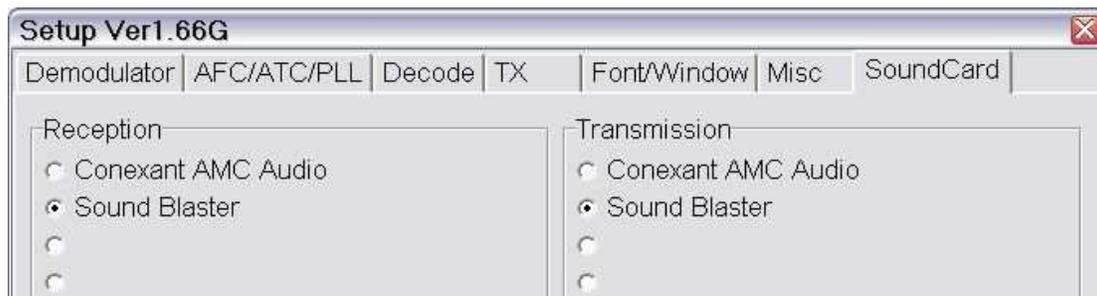
2. Click **MMTTY (RTTY)**
3. Set the path to **MMTTY** as needed.
4. Click the **RTTY Icon** in the **Toolbar** to open the **RTTY Interface**
5. Select **Options | Setup Engine ...**

6. Select the **TX** tab
7. Set **PTT & FSK** to the port you defined for **FSK** in Router.

MMTTY will use this port for **FSK** and **PTT**.



8. Select the **SoundCard** Tab



9. Choose the sound card connected to the **Soundcard In** jack of *microKEYER* for reception.
10. Choose the sound card connected to the **Soundcard Out** jack of *microKEYER* for transmission.

11. Select the Misc tab.

12. Set Tx Port to "Sound" for AFSK or to "COM-TxD(FSK)" for FSK

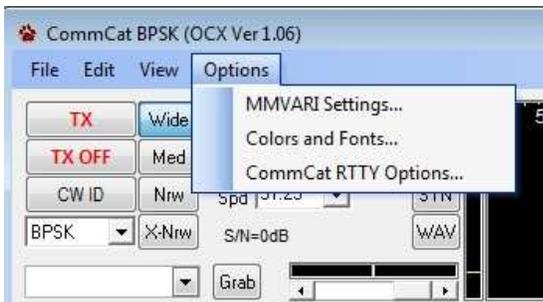
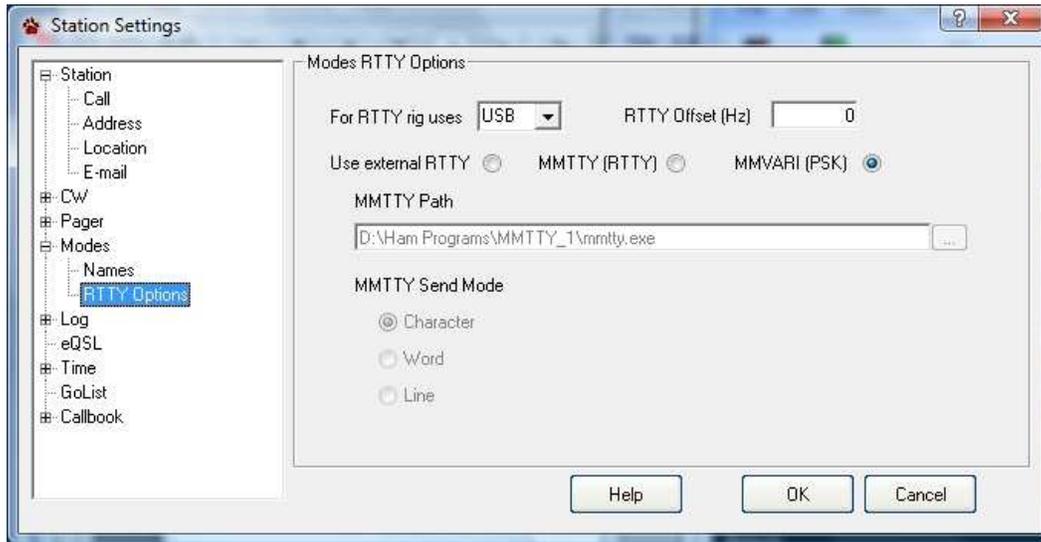
13. Select Source = "Left" (this is the Main Receive in transceivers with dual receivers)

The screenshot shows the 'SoundCard' tab in a software interface. The tabs at the top are: Demodulator, AFC/ATC/PLL, Decode, TX, Misc, and SoundCard. The 'Sound Card' section contains the following settings:

- FIFO:** RX 12, TX 4
- Priority:** Normal, Highest, Higher, Critical
- Device Identifiers:** RX 2, TX 2
- Source:** Mono, Right, Left
- Sound loopback:** OFF, Int., Ext. (SAT)
- Tx Port:** Sound, Sound + COM-TxD (FSK), COM-TxD(FSK), USB Port

PSK31 setup:

1. Click **File | Settings | Station** and select the **Modes | RTTY Options ...**



2. Click MMVARI (PSK) and set the Mode/Offset required by your transceiver.
3. Click the RTTY Icon in the Toolbar to open the Digital Interface.
4. Select "Options | MMVARI Settings"

5. Set Input to the sound card connected to the Soundcard In jack of *microKEYER*.
6. Set Output to the sound card connected to the Soundcard Out jack of *microKEYER*.

