DigiKeyer 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 CW and select DTR.

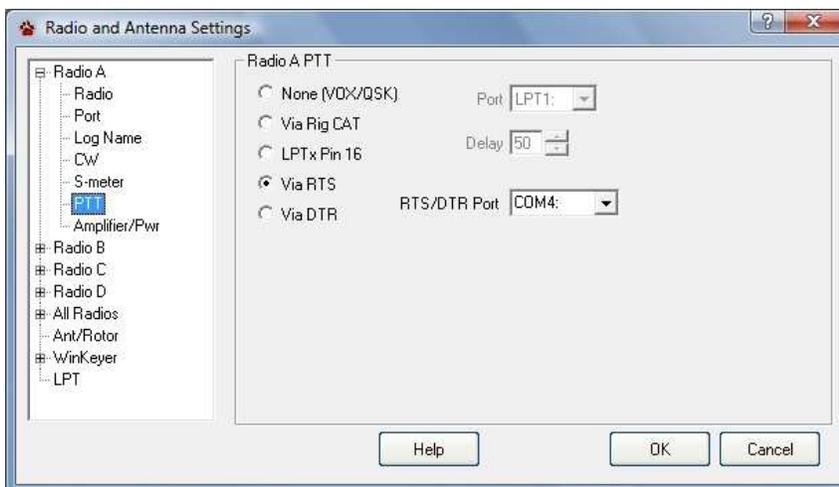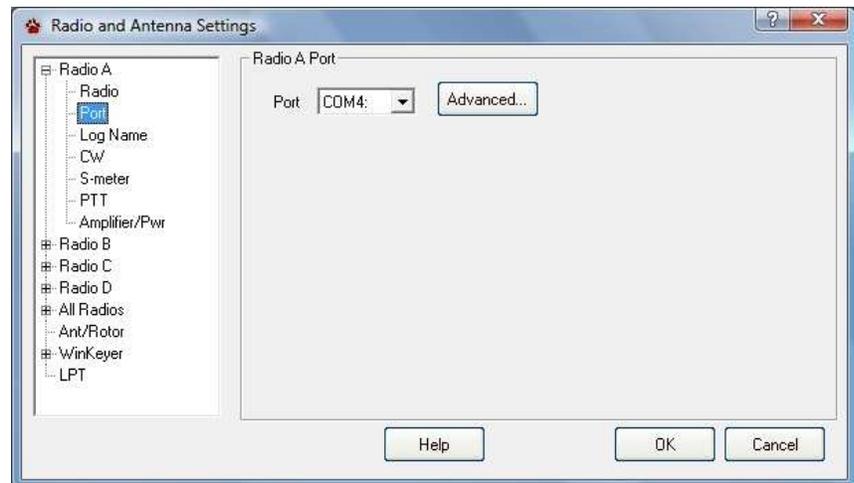4. Assign a port for FSK – check the PTT box.

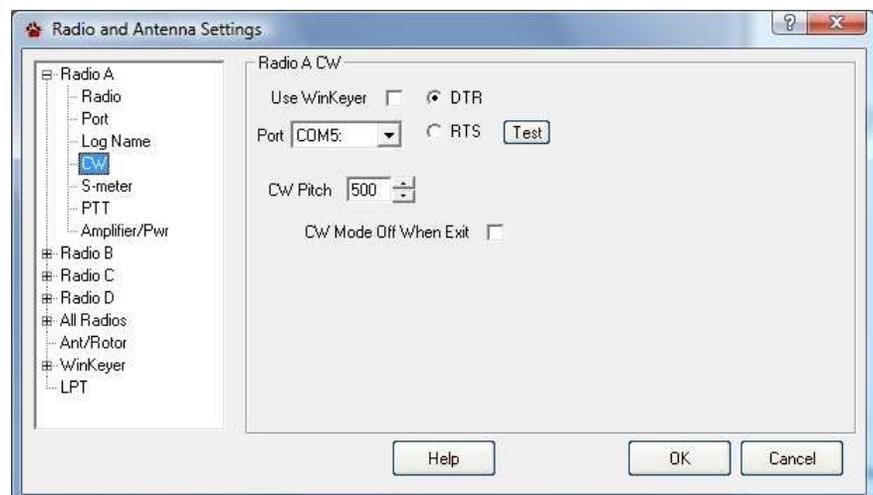5. Save settings to a preset by selecting menu **Preset | Save as.** Choose a position and name it CommCat.

CommCat setup:

1. Click **File | Settings | Radio/Ant** and select the **Radio A | Port** …

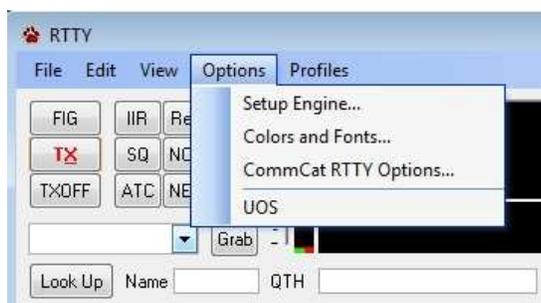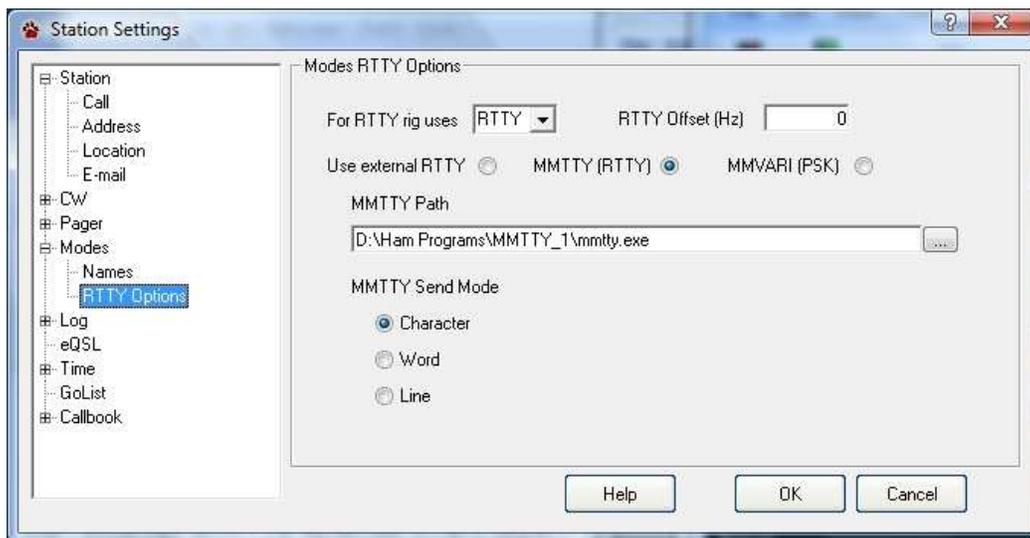2. Select the same port as you set for CAT in Router.

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. Set Port to the same port you assigned for CW in Router
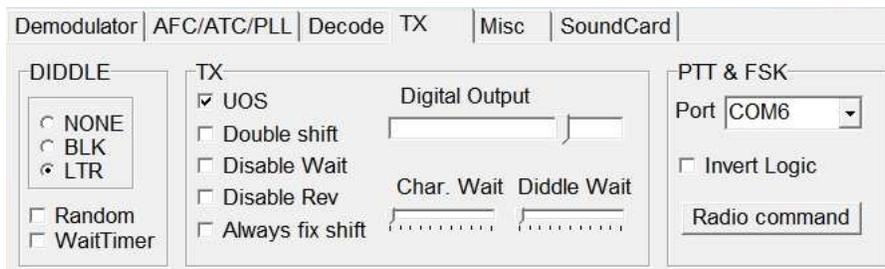
8. Check "DTR"

RTTY setup:

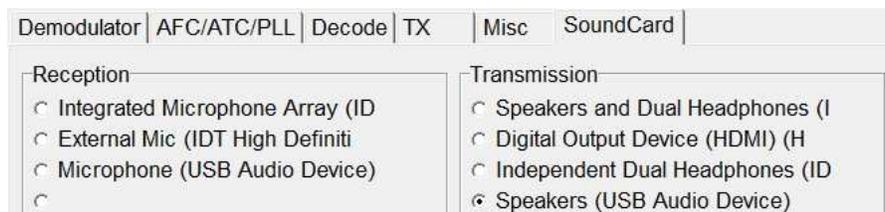1. Click **File | Settings | Station** and select the **Modes | RTTY Options** …

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 Microphone (USB Audio Device) for Reception

10. Chose Speaker (USB Audio Device) for Transmission.

11. Select the Misc tab.

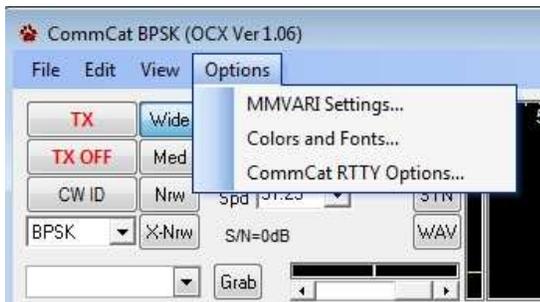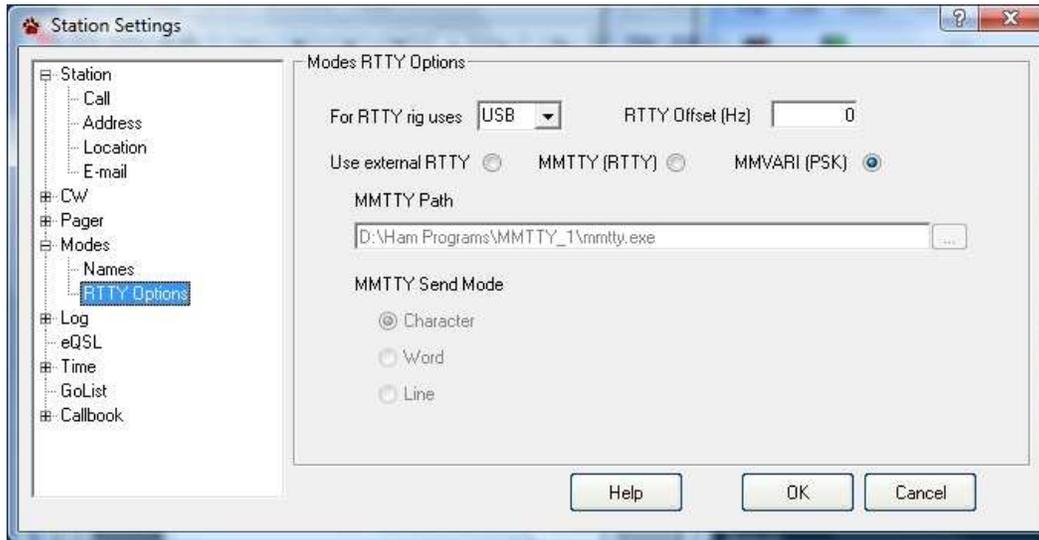12. Set Tx Port to "Sound" for AFSK or to "COM-TxD(FSK)" for FSK

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

| Demodulator | AFC/ATC/PLL | Decode | TX | Misc | SoundCard |

Sound Card

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: Microphone (USB Audio Device)

6. Set Output to: Speakers (USB Audio Device).