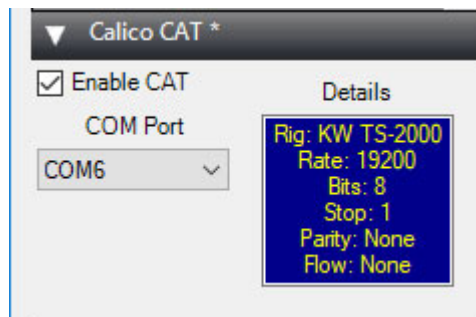# CalicoCat
CAT Plugin for SDR#
v1.18.3.23

CalicoCat is a computer aided transceiver (CAT) Plugin for SDR# that allows SDR# to interface with other software running on the same machine through a virtual serial port.

CAT is a way for different programs or hardware to communicate to each other settings such as Frequency, Operating Mode, or other radio settings to synchronize operating modes through a (partially) standard interface.

CalicoCat supports a subset of the Kenwood TS-2000 command set, and any software used in unison with SDR# should be set to communicate with this receiver type. 19,200 baud rate, 8 bits, 1 stop bit, no parity.

Installation is simple.

- Copy SDRSharp.Calico.dll into the same directory as SDR#.
- Open Plugins.xml and insert the line from MagicLine.txt.
- Start SDR# and click the Enable Cat checkbox in the CalicoCat panel.

CalicoCat will use two virtual serial ports created by a driver such as com0com. http://com0com.sourceforge.net   The actual numbers will depend on your system configuration. Since it works as a loopback device, select either of these for SDR#, and the other one in the program to be interfaced with.

Since CAT is a two way protocol, changes made in SDR# should be recognized by the remote program, and changes there will control SDR#.