ARDOP setup with Winlink Express
Using C-Media Based Digital Interfaces (NS7C 2-7-2025)

Applies to: Masters Communications RA and DRA series adapters, RIM Lite series, URI, and many other sound card adapters that generate PTT using the C-Media GPIO lines. ARDOP HF v1.0.2.6+ now supports C-Media based interfaces natively.

Be sure to connect your sound card interface to the computer before starting this setup. If the device is not connected, you will not have the option to select a C-Media device.

Start the ARDOP TNC manually (do not start Winlink Express), the executable is normally found at: "C:\RMS Express\ARDOP_Win.exe"

Make sure you have version 1.0.2.6 or greater, then select File→Optional Radio Setup
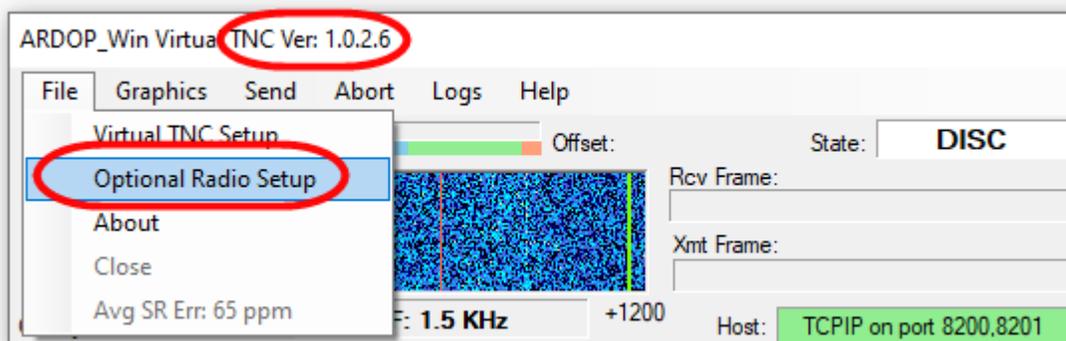
On the Radio Settings menu, under PTT Control, select CMedia. If there is only one device connected, it will default to CMedia-1. If there are more than one CMedia devices connected, select the appropriate interface using the pulldown selection (this may require some experimenting to determine which interface is connected to the HF radio). Check the "Enable TNC Control or Radio or PTT" box, then click the "Save to ini File" button to save the changes. For Winlink Express users, *do not* set any Radio Selection parameters here, they will be set in the Radio Setup under the ARDOP session on Winlink Express.
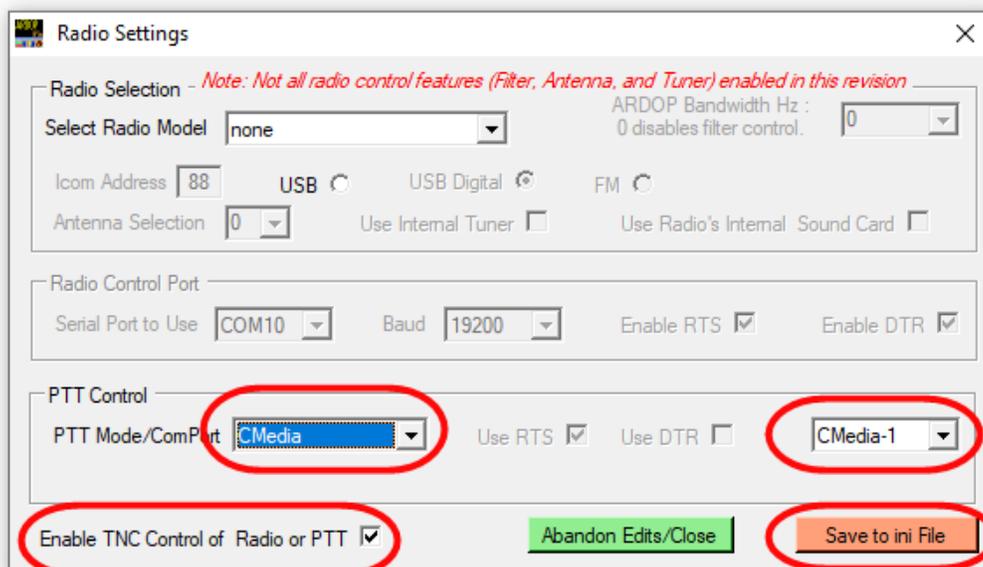
Back on the main TNC screen, select File➔Virtual TNC Setup
On the ARDOP Win TNC Setup menu, select the sound card interface under the Sound Card Capture and Playback Device settings. Other settings here can be left at the defaults, or adjusted according to user preference. Once complete, click on the "Save to ini File" button to save the changes.
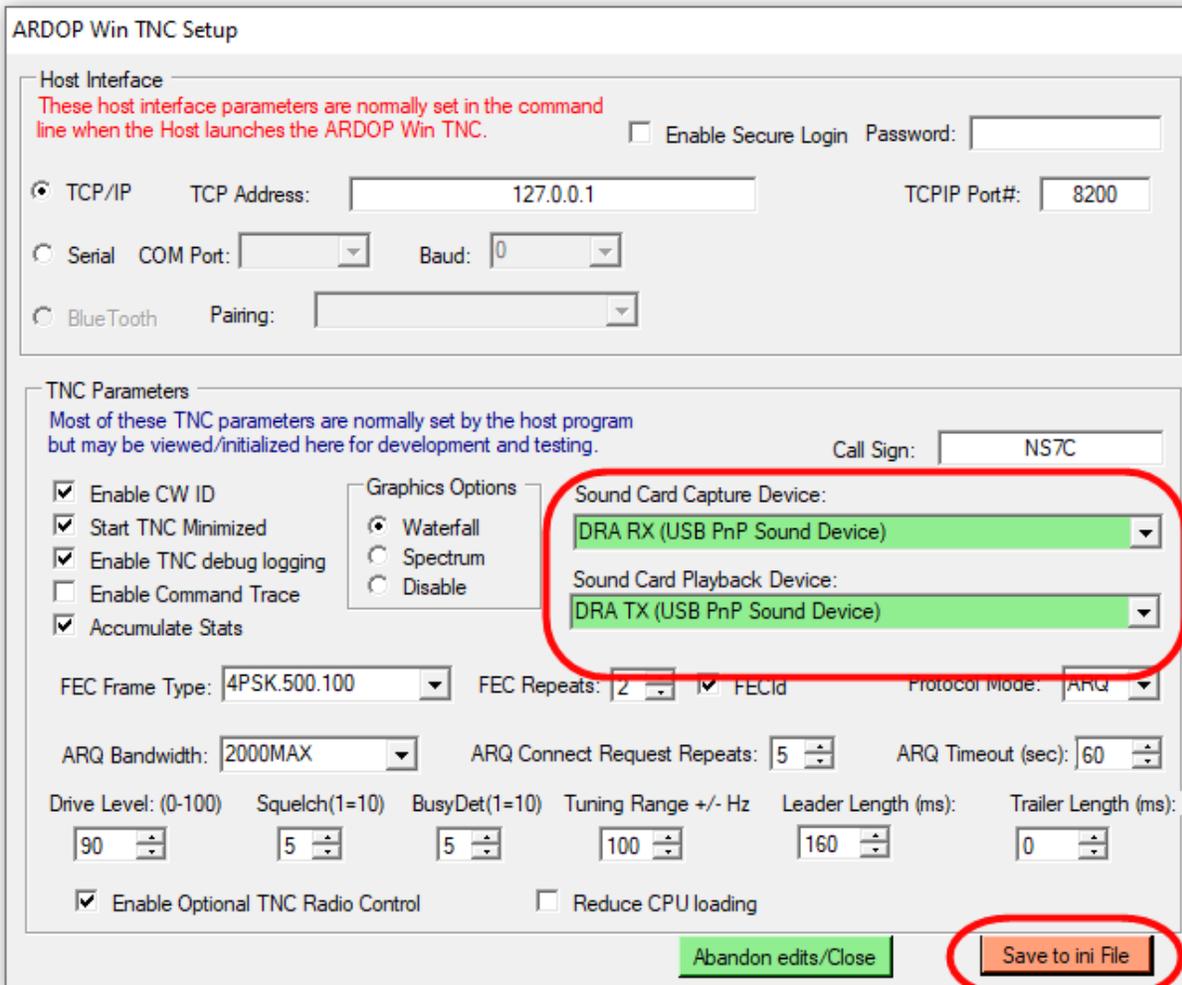
Close the ARDOP TNC application, then start Winlink Express and start an ARDOP HF session. Under the ARDOP Winlink Session, select Settings➔Radio Setup and complete the setup for rig control.