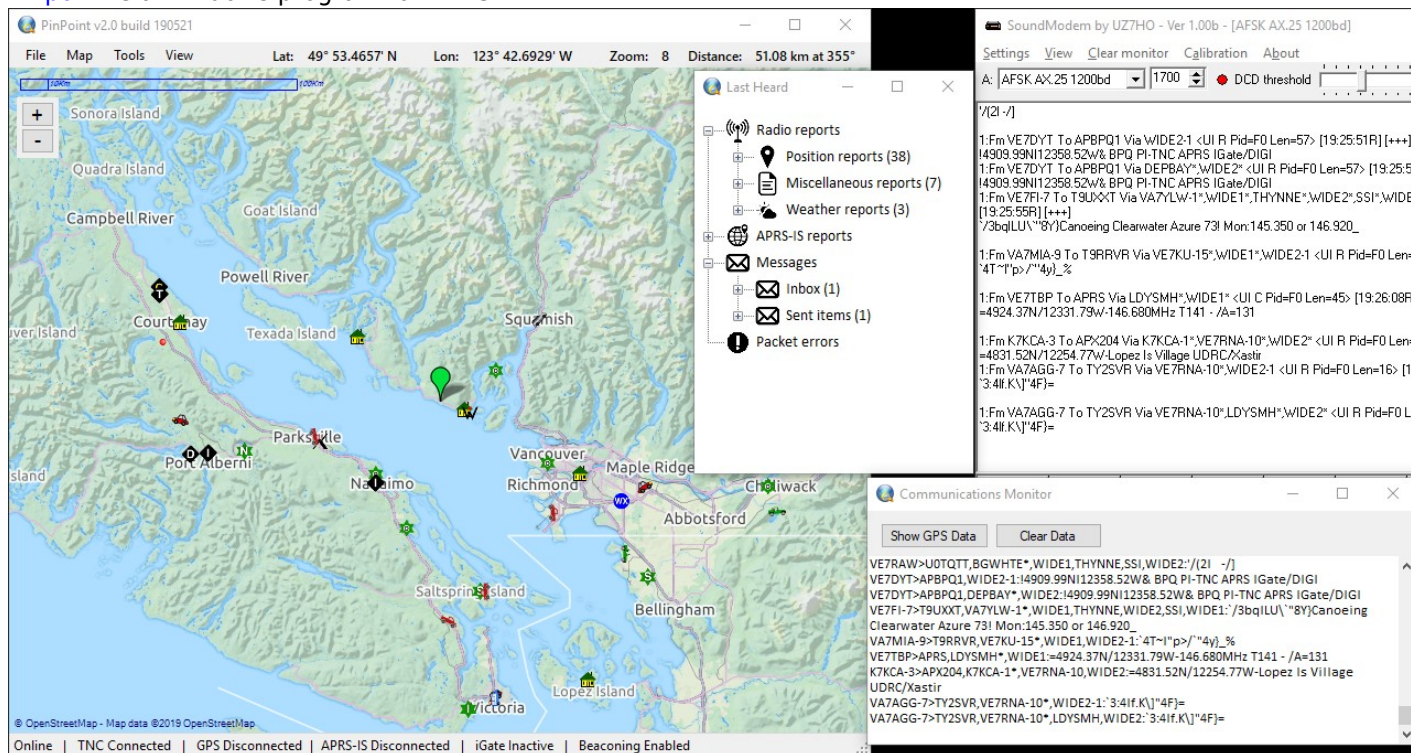


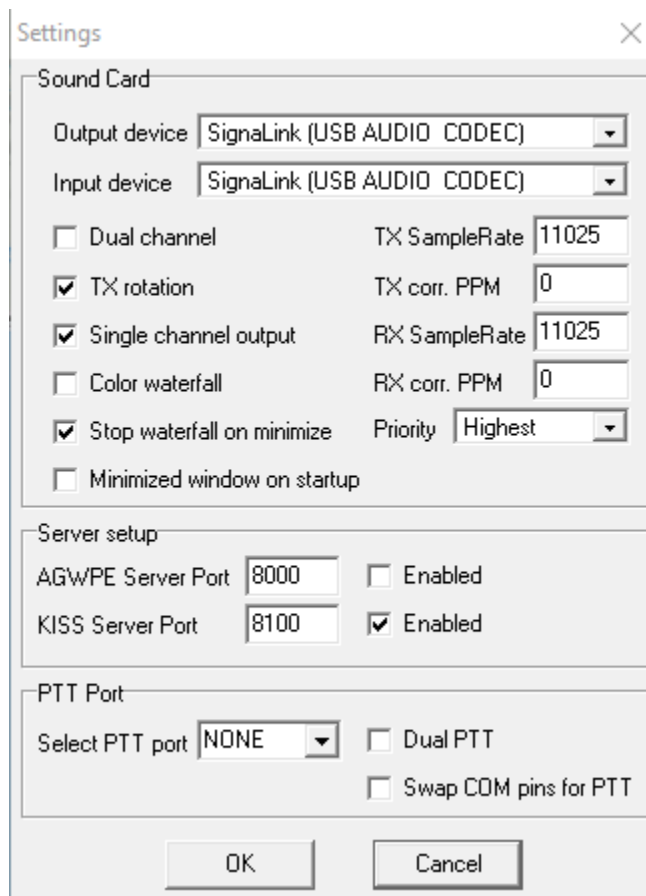
APRS

Pinpoint is a Windows program for APRS.




Configuration

To use with Signalink, see the [Packet How-to](#).



The screenshot shows a 'Settings' dialog box with a close button (X) in the top right corner. It is divided into three main sections: 'Sound Card', 'Server setup', and 'PTT Port'.
Sound Card section:
- 'Output device' is set to 'Signalink (USB AUDIO CODEC)'.
- 'Input device' is set to 'Signalink (USB AUDIO CODEC)'.
- 'Dual channel' is unchecked.
- 'TX rotation' is checked.
- 'Single channel output' is checked.
- 'Color waterfall' is unchecked.
- 'Stop waterfall on minimize' is checked.
- 'Minimized window on startup' is unchecked.
- 'TX SampleRate' is set to 11025.
- 'TX corr. PPM' is set to 0.
- 'RX SampleRate' is set to 11025.
- 'RX corr. PPM' is set to 0.
- 'Priority' is set to 'Highest'.
Server setup section:
- 'AGWPE Server Port' is set to 8000, with an 'Enabled' checkbox that is unchecked.
- 'KISS Server Port' is set to 8100, with an 'Enabled' checkbox that is checked.
PTT Port section:
- 'Select PTT port' is set to 'NONE'.
- 'Dual PTT' checkbox is unchecked.
- 'Swap COM pins for PTT' checkbox is unchecked.
At the bottom are 'OK' and 'Cancel' buttons.

Once the radio, the Signalink, and the Soundmodem are configured, start PinPoint and change these settings:

 Options — □ ×

APRS

TNC

GPS

Map

APRS-IS

Misc

Donate

My APRS Call sign + SSID

VE7HZF


APRS Path

WIDE1-1

Position comment

Station icon

<



>

Overlay (type table + symbol directly in box + Enter key)

/y

APRS DigiPeater settings

☐ Enable APRS DigiPeater (Fill-in Digi. For non-KISS TNC's only for the moment)

My DigiPeater alias

WIDE1-1

APRS Position Beacons settings

☒ Enable APRS beacons

Beacon at least every

30

minutes

0

seconds

Beacon a minimum of every

5

km

Beacon when heading changes more than

35

degrees

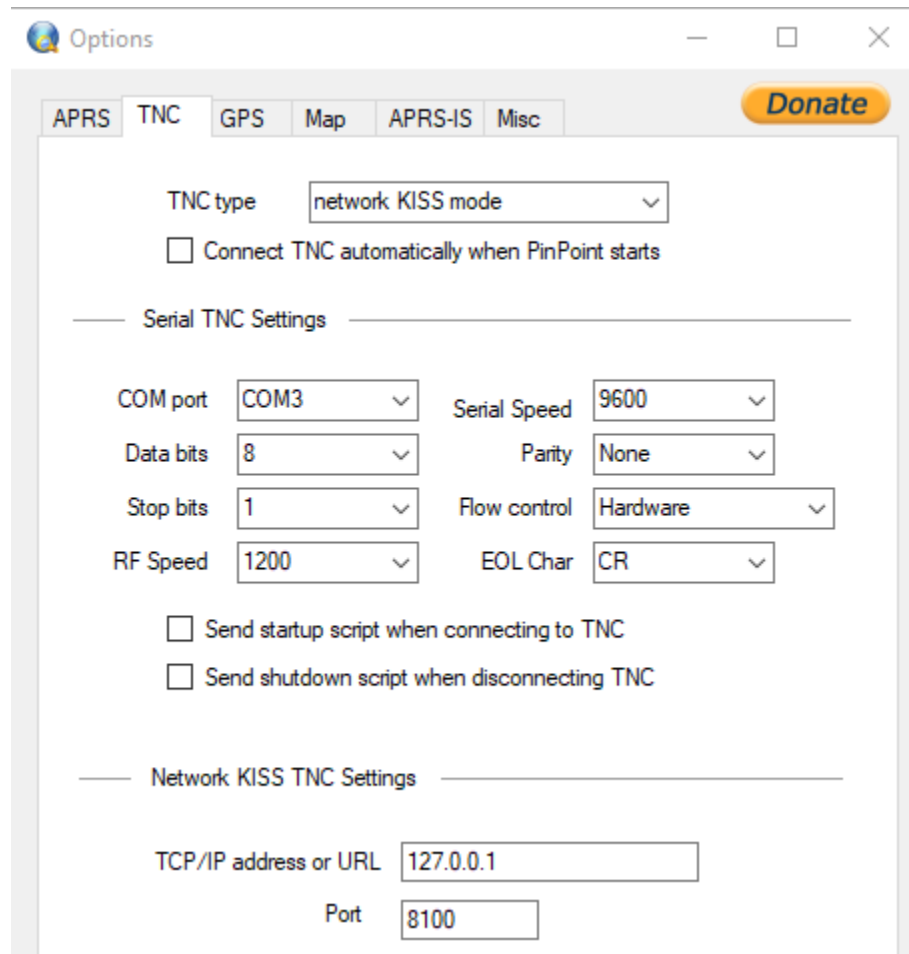
☒ Beacon my altitude

☐ Beacon my course and speed

Maximum speed reported via radio

105

km/h



The screenshot shows the 'Options' window with the 'TNC' tab selected. The window has a title bar with a minimize button, a maximize button, and a close button. Below the title bar is a navigation bar with tabs for 'APRS', 'TNC', 'GPS', 'Map', 'APRS-IS', and 'Misc'. A yellow 'Donate' button is located in the top right corner of the window. The 'TNC' tab contains the following settings:

- TNC type:** A dropdown menu set to 'network KISS mode'.
- ☐ Connect TNC automatically when PinPoint starts
- Serial TNC Settings:**
 - COM port:** A dropdown menu set to 'COM3'.
 - Serial Speed:** A dropdown menu set to '9600'.
 - Data bits:** A dropdown menu set to '8'.
 - Parity:** A dropdown menu set to 'None'.
 - Stop bits:** A dropdown menu set to '1'.
 - Flow control:** A dropdown menu set to 'Hardware'.
 - RF Speed:** A dropdown menu set to '1200'.
 - EOL Char:** A dropdown menu set to 'CR'.
- ☐ Send startup script when connecting to TNC
- ☐ Send shutdown script when disconnecting TNC
- Network KISS TNC Settings:**
 - TCP/IP address or URL:** A text input field containing '127.0.0.1'.
 - Port:** A text input field containing '8100'.

Note:

- Network Kiss Port (8100) in the PinPoint settings needed to be changed to match the SoundModem settings.
- Also, the Serial TNC Settings don't matter since they are not being used by Network Kiss.

SSID

You'll sometimes see a dash number after the callsign, this is called an SSID and they have different meaning depending on whether you're on APRS or Winlink. See the [SSID How-To](#) for more info.