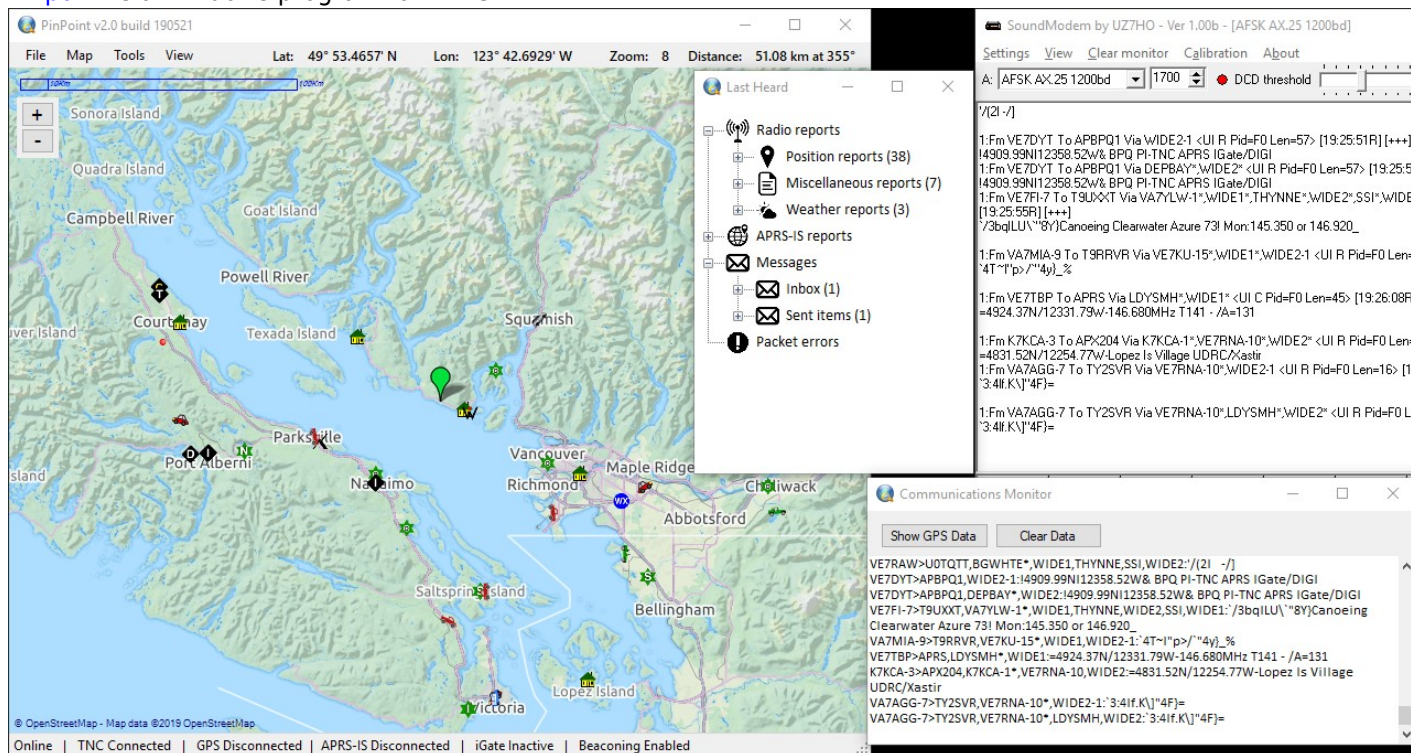


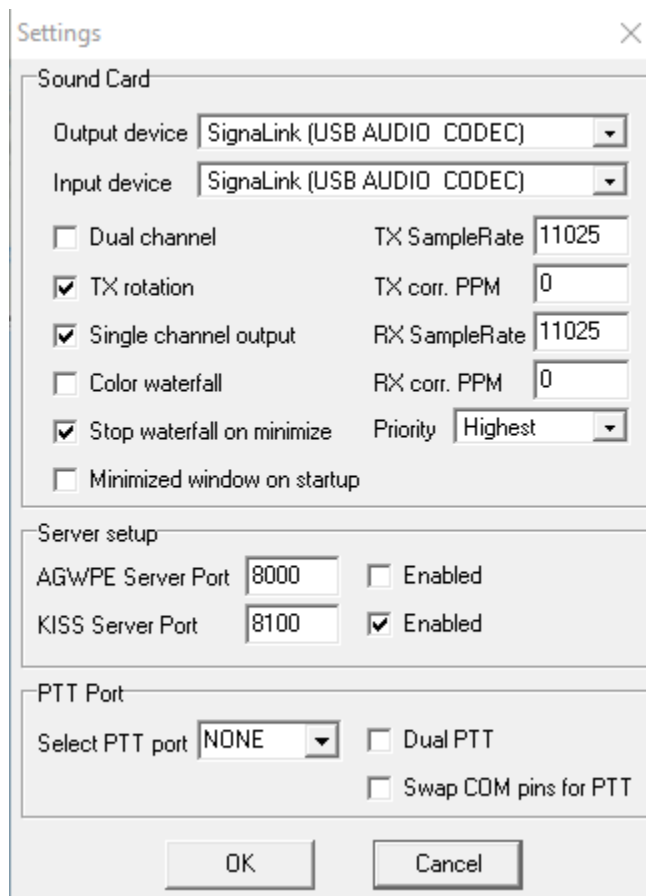
APRS

Pinpoint is a Windows program for APRS.




Configuration

To use with Signalink, see the [Signalink 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'.
The 'Sound Card' section contains:
- 'Output device' and 'Input device' both set to 'Signalink (USB AUDIO CODEC)' via dropdown menus.
- A group of checkboxes: 'Dual channel' (unchecked), 'TX rotation' (checked), 'Single channel output' (checked), 'Color waterfall' (unchecked), 'Stop waterfall on minimize' (checked), and 'Minimized window on startup' (unchecked).
- Two numeric input fields: 'TX SampleRate' (11025) and 'RX SampleRate' (11025).
- Two more numeric input fields: 'TX corr. PPM' (0) and 'RX corr. PPM' (0).
- A 'Priority' dropdown menu set to 'Highest'.
The 'Server setup' section contains:
- 'AGWPE Server Port' (8000) with an 'Enabled' checkbox (unchecked).
- 'KISS Server Port' (8100) with an 'Enabled' checkbox (checked).
The 'PTT Port' section contains:
- 'Select PTT port' dropdown menu set to 'NONE'.
- 'Dual PTT' checkbox (unchecked).
- 'Swap COM pins for PTT' checkbox (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

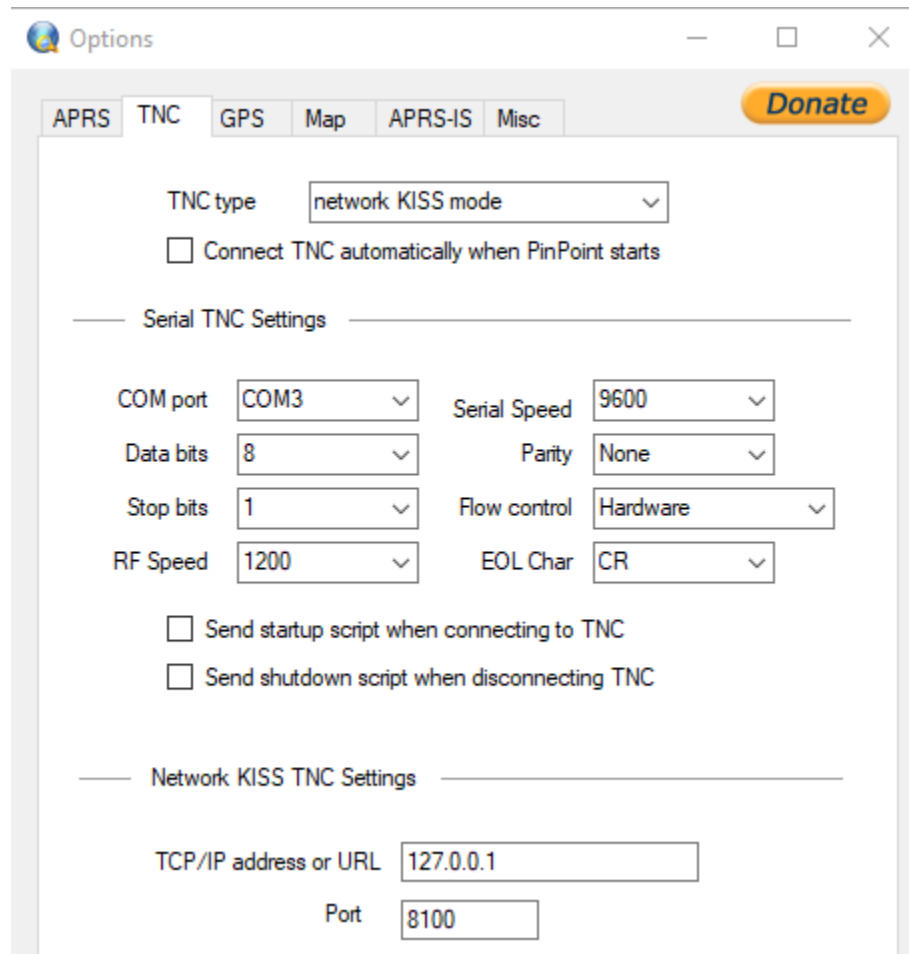
☒ Beacon my altitude

☐ 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, maximize, and close button. Below the title bar is a navigation bar with tabs: 'APRS', 'TNC', 'GPS', 'Map', 'APRS-IS', and 'Misc'. A yellow 'Donate' button is located in the top right corner. The main content area is divided into sections. The first section has a 'TNC type' dropdown menu set to 'network KISS mode' and a checkbox labeled 'Connect TNC automatically when PinPoint starts' which is unchecked. The second section, titled 'Serial TNC Settings', contains several dropdown menus: 'COM port' (COM3), 'Serial Speed' (9600), 'Data bits' (8), 'Parity' (None), 'Stop bits' (1), 'Flow control' (Hardware), 'RF Speed' (1200), and 'EOL Char' (CR). There are also two checkboxes: 'Send startup script when connecting to TNC' and 'Send shutdown script when disconnecting TNC', both of which are unchecked. The third section, titled 'Network KISS TNC Settings', contains a text input field for 'TCP/IP address or URL' with the value '127.0.0.1' and a text input field for 'Port' with the value '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.