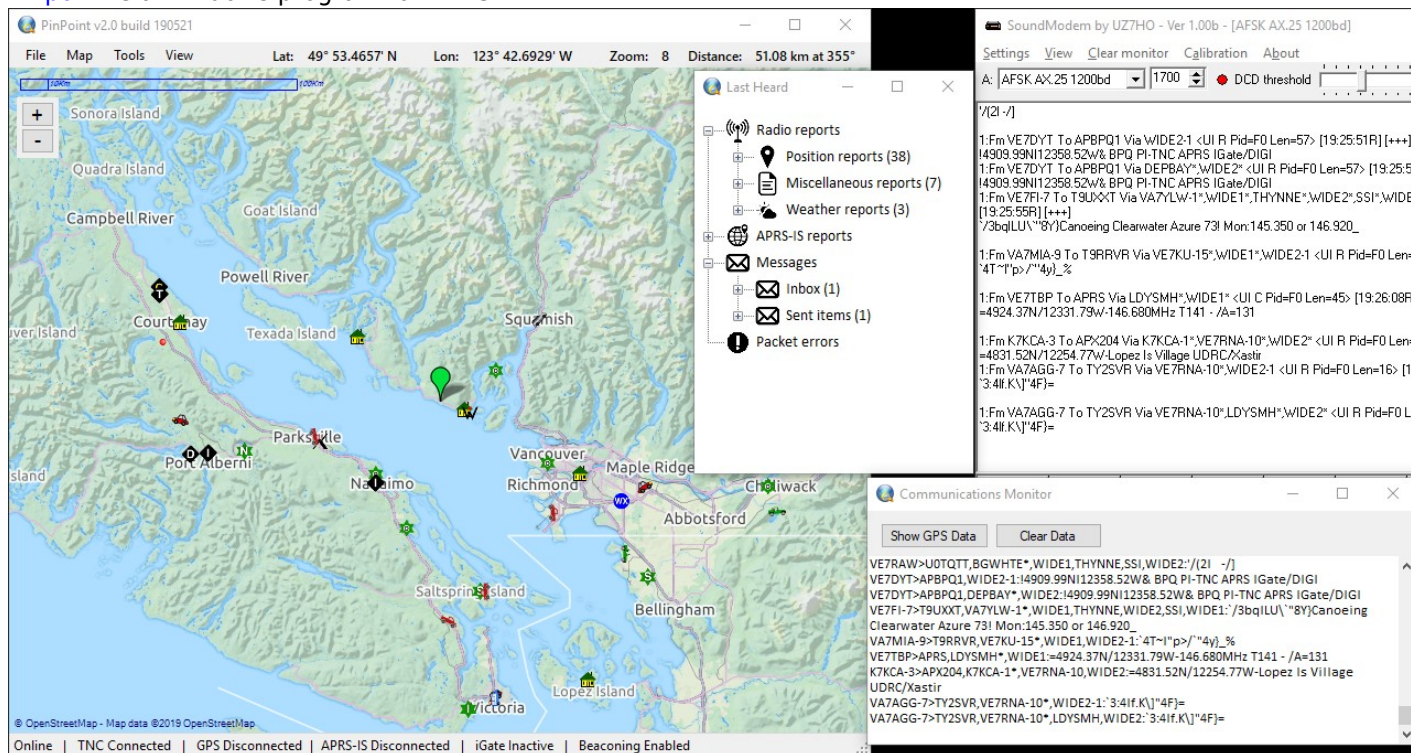


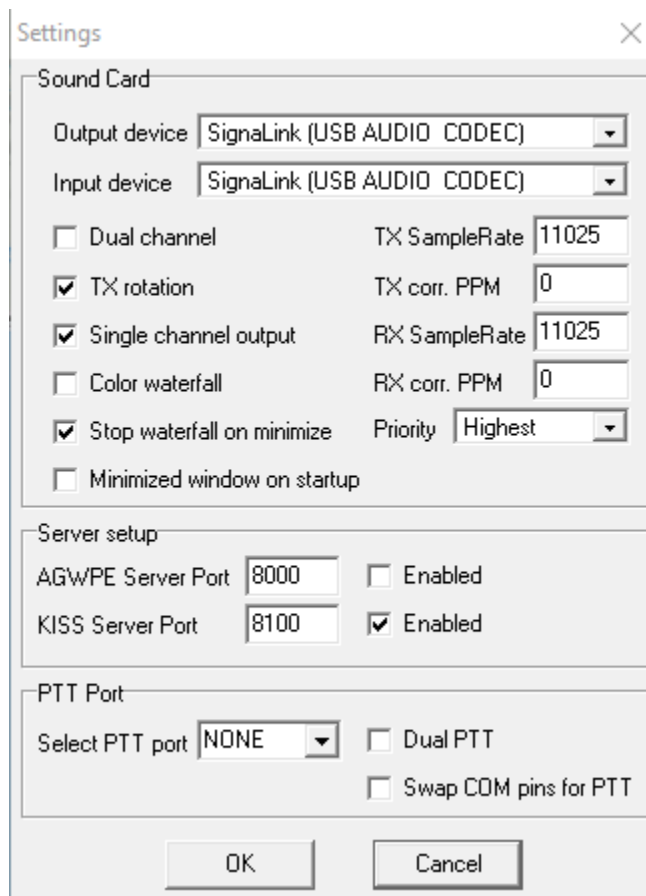
# APRS

[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'.  
The 'Sound Card' section contains:  
- 'Output device' and 'Input device' both set to 'Signalink (USB AUDIO CODEC)'.  
- A table of settings:

<input type="checkbox"/> Dual channel	TX SampleRate	11025
<input checked="" type="checkbox"/> TX rotation	TX corr. PPM	0
<input checked="" type="checkbox"/> Single channel output	RX SampleRate	11025
<input type="checkbox"/> Color waterfall	RX corr. PPM	0
<input checked="" type="checkbox"/> Stop waterfall on minimize	Priority	Highest
<input type="checkbox"/> Minimized window on startup		

**Server setup**		
AGWPE Server Port	8000	☐ Enabled
KISS Server Port	8100	☒ Enabled
**PTT Port**		
Select PTT port	NONE	☐ Dual PTT
		☐ Swap COM pins for PTT

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

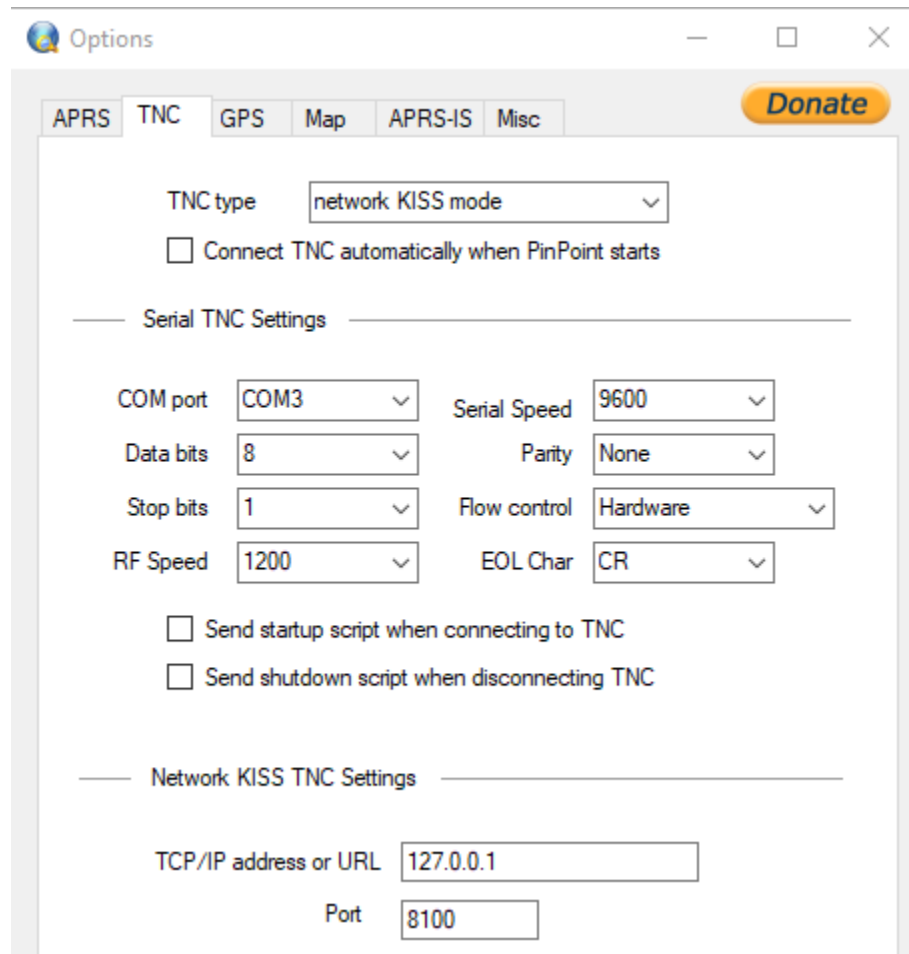
☒ Beacon my altitude

☐ 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 [this page](#) for more info.