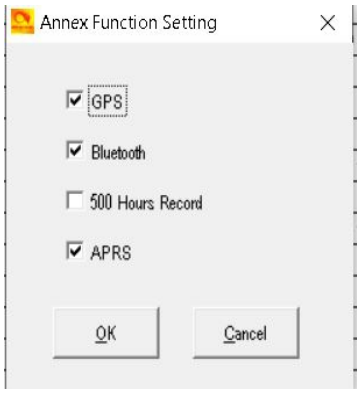
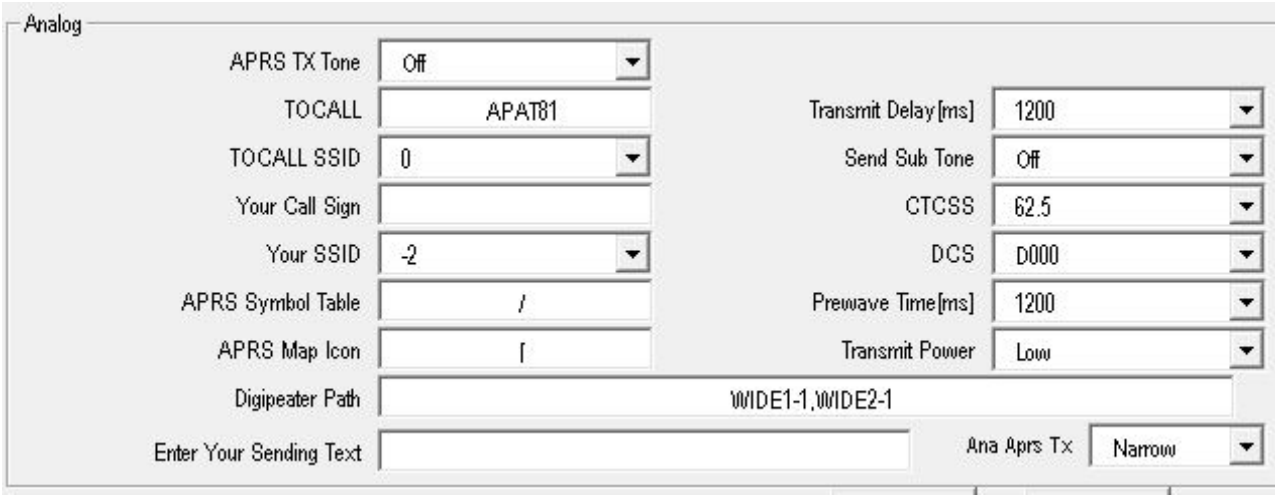
Analog APRS Anytone 878/878plus/578 v6

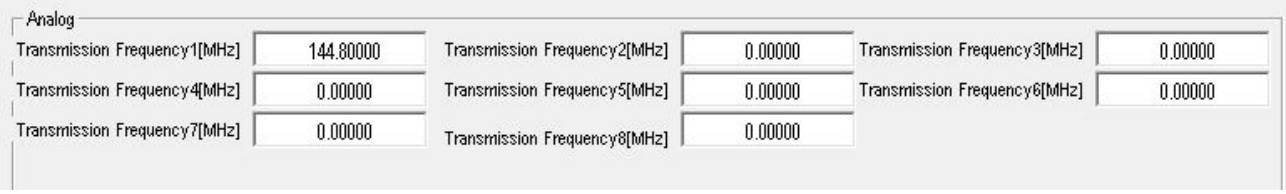
Turn on APRS in the CPS.
CPS - Tool – Options



Newer firmware will have more options

Step One





Newer Firmware will have this for Frequencies

APRS TX Tone – On or Off
Destination Call Sign – Leave as
Your Call Sing – Enter your Call Sing
Your SSID – see list below
*APRS Signal Path – WIDE1-1,WIDE2-1
Enter Your Sending Text – Call Sign and Name
Transmit Power – What ever you want

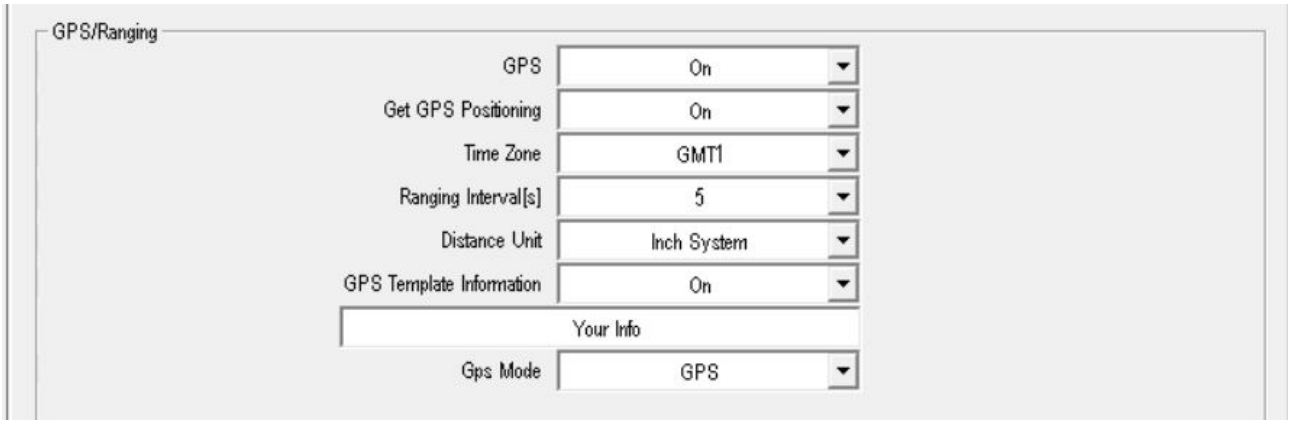
Transmit Frequency – UK – 144.80000
Transmit Delay [ms] = 1200
Prewave Time [ms] = 1200
Ana Aprs TX = Wide or Narrow (Both/All radios must be set the same) **UK is Narrow**
All others leave as default

SSID list
-0 Your primary station usually fixed and message capable
-1 generic additional station, digi, mobile, wx, etc
-2 generic additional station, digi, mobile, wx, etc
-3 generic additional station, digi, mobile, wx, etc
-4 generic additional station, digi, mobile, wx, etc
-5 Other networks (Dstar, Iphones, Androids, Blackberry's etc)
-6 Special activity, Satellite ops, camping or 6 meters, etc
-7 walkie talkies, HT's or other human portable
-8 boats, sailboats, RV's or second main mobile
-9 Primary Mobile (usually message capable)
-10 internet, Igates, echolink, winlink, AVRS, APRN, etc
-11 balloons, aircraft, spacecraft, etc
-12 APRStt, DTMF, RFID, devices, one-way trackers*, etc
-13 Weather stations
-14 Truckers or generally full time drivers
-15 generic additional station, digi, mobile, wx, etc

Step Two:

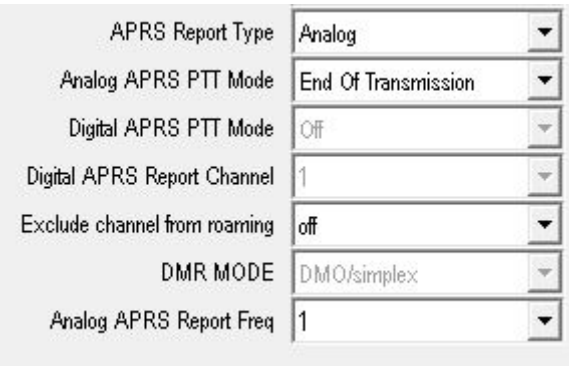
Go to Optional Settings.
Select GPS/Ranging tab.
Select GPS On .

Select all settings as shown below.



Step Three

Turn on in each Channel you wish to send Analog APRS



… and set the analogue APRS Frequency number in the channel setting.
(Analog APRS Report Freq 1 to 8)

*APRS not always working on Analog.
This seams to be down to the APRS Gateways.

APRS Signal Path = WIDE1-1,WIDE2-1
If it does not work try changing to one off the below-
WIDE1-1
WIDE2-1
WIDE2-2
WIDE1-1,WIDE2-2

From

Lynn (D) - KJ4ERJ - Author of APRSISCE for Windows Mobile and Win32

Recommended paths in the NEWn-N paradigm are:

WIDE2-1 - Use for fixed stations that don't need a lower-level digipeater boost

WIDE1-1,WIDE2-1 - Normal path for mobiles, 2 total hops requested

WIDE1-1,WIDE2-2 - A good path for mobiles going further afield, 3 total hops requested

The WIDE1-1 will trigger both lower level fill-in digipeaters as well as the higher coverage digipeaters.

The WIDE2-1 and/or WIDE2-2 will trigger only the higher coverage digipeaters.

Of course, these recommendations are based on having properly configured digipeaters that respond based on their anticipated coverage areas and a well-designed digipeater network to start with.

For a good animation of the effects of the path, see
http://wa8lmf.net/DigiPaths/NNNN-Digi-Demo.htm