Using your Cell Phone to set your location in the Winlink GPS / Position Report

Most Cell Phones, iPhone and Android, today have an internal GPS. This feature can be exploited using one of several applications available for these phones. These Cell Phone applications can output the GPS data via the WiFi capability in the phones. Winlink Express can use the WiFi feature of your PC or laptop to receive the GPS data.

- ❖ For iPhones use the application **GPS2IP**, a free application
- ❖ For Android phones use the application GPS 2 NET, Share GPS' Net GPS or GPS Tether Server (Some are $$)
    (I did not have an Android phone to test with so let me know if you have success with an Android)
    (Note: If you have a USB GPS then it should come up as a COM port so select COM # otherwise select none for manual entry)

To use this feature;

- ☐ Set up the GPS program by going to **Settings** and set NEMA messages to send to **RMC** and slide on, Connection Method to **Socket** and Network selection to **WiFi IP**. THen click on **Done**. Android phones may be a bit different but functions are the same
- ☐ Click on the Cross to the left of the Globe icon on the Winlink Express main window to open the GPS / Position Report window
- ☐ Select TCP/IP from the GPS Serial Port dropdown in the GPS / Report window
- ☐ Input the phone's Server IP address as shown on <u>your cell phone</u> in the IP Address box under GPS Serial Port. ***Note** - your IP address may be different as it is dependent on your WiFi system*
- ☐ Click on the Set button to set the data, then click the Use GPS Position button and then the Use MGRS button
- ☐ Finish by clicking on the Post Report button. (*Close GPS program to prolong battery life*)

GPS2IP Screen
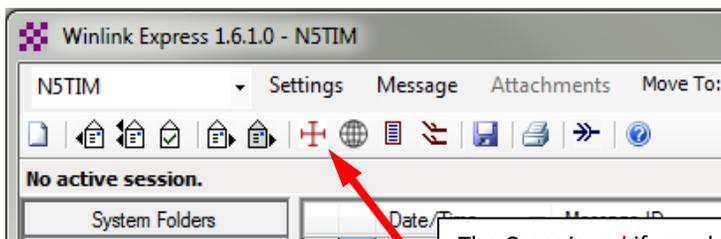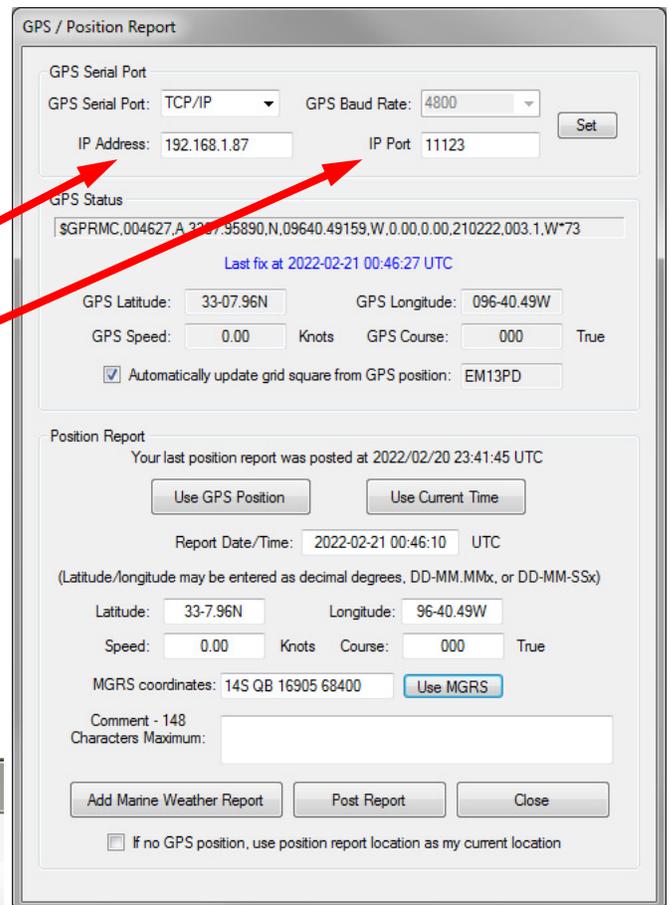
The Cross is red if you do not have a location set. It will turn green when you have your location set.
You can also click on it to open the GPS / Position Report window.