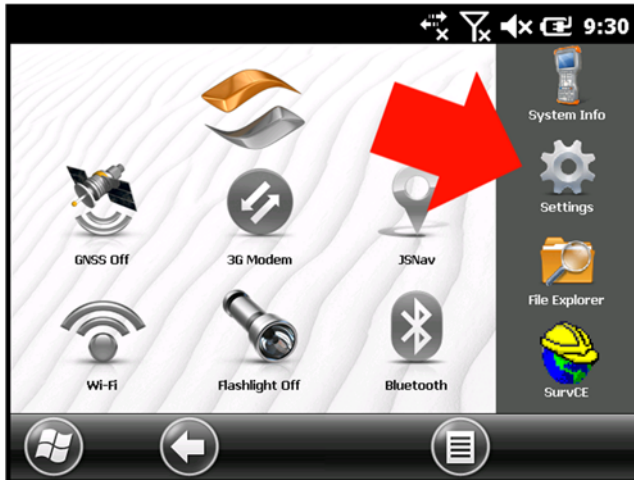


Using the Surveyor2 Internal GPS for GPS Search

1. Exit SurvCE
2. Tap on the Settings icon.



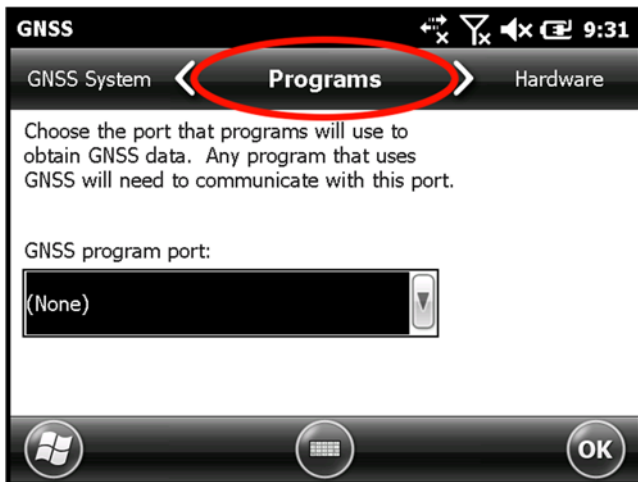
3. Tap on System.



4. Tap on GNSS



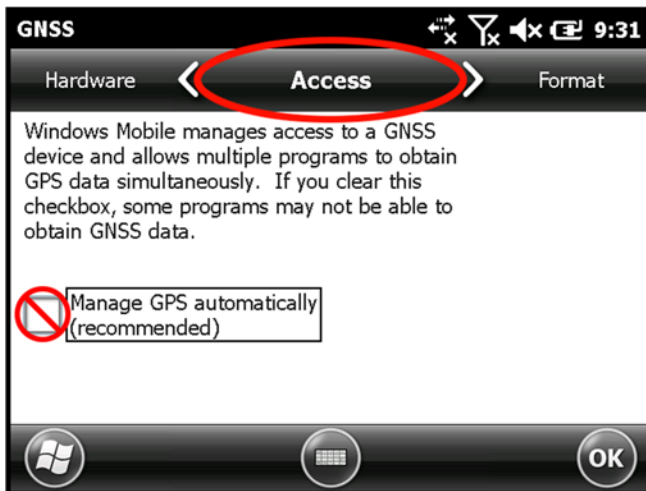
5. These are the settings for the Programs Tab: (None)



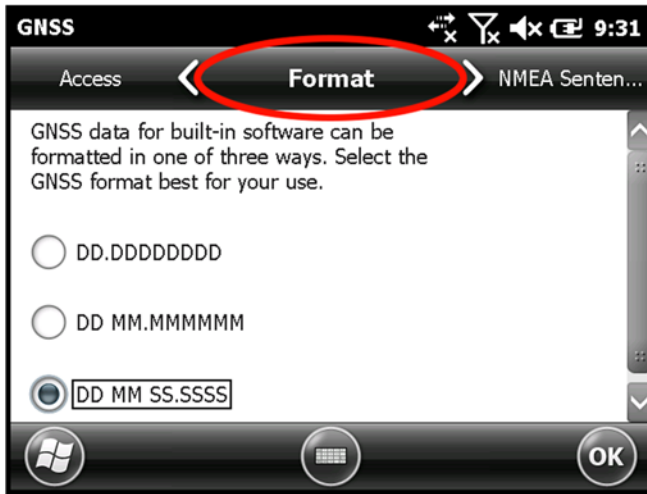
6. These are the settings for the Hardware Tab: COM8 /115200



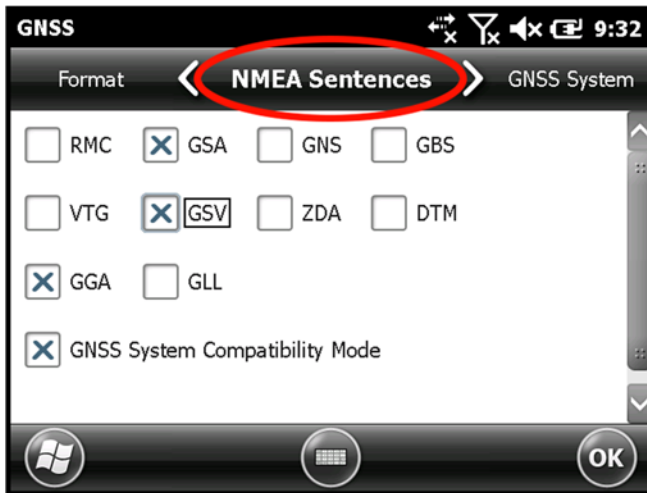
7. These are the settings for the Access Tab: turn "manage GPS automatically" to OFF



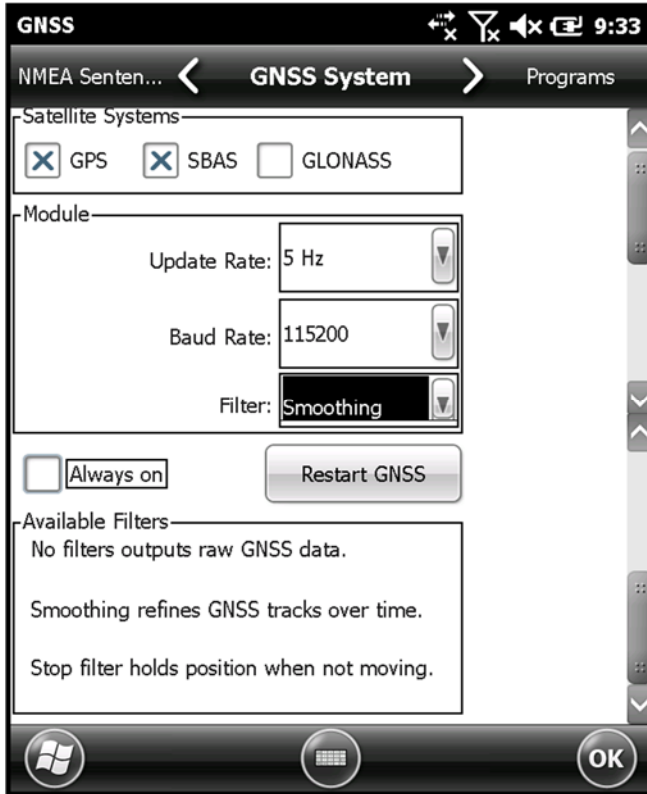
8. These are the settings for the Format Tab: DD MM SS.SSSS



9. The settings for the NMEA Sentences Tab can be whatever you wish. We were successful with GGA, GSA, GSV, and GNSS System Compatibility Mode ON



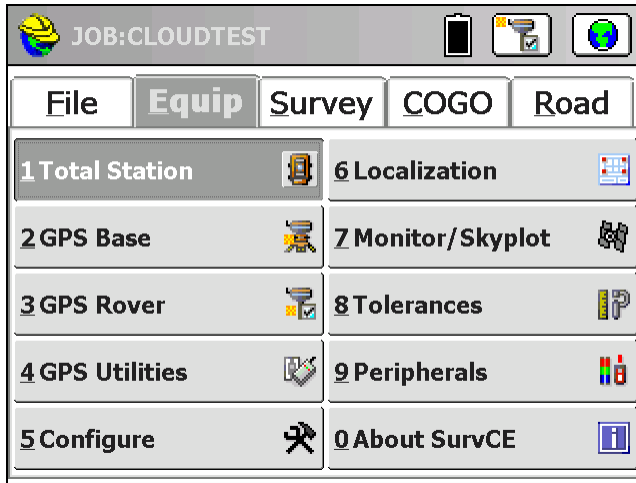
10. These are the settings for the GNSS System Tab: GPS and SBAS On, update rate 5hz, baud 115200, filter smoothing, always on was OFF



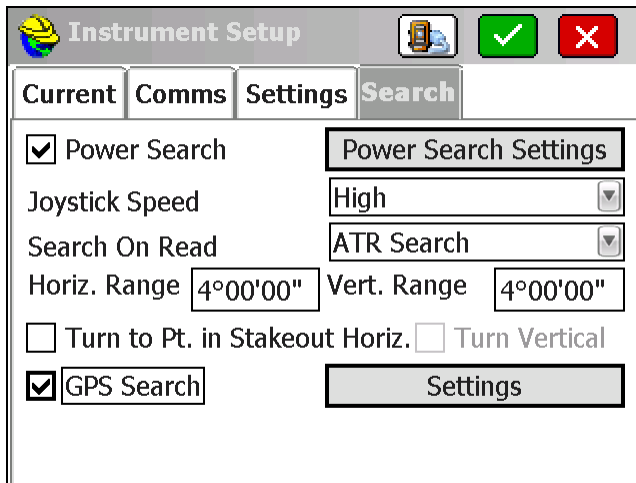
11. Then on home screen leave GNSS Off (icon gray), otherwise it will grab the port.



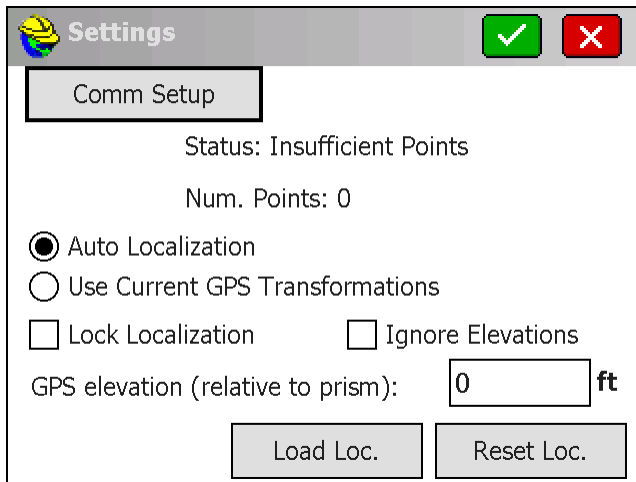
12. Launch SurvCE. Then, go to Equipment/Total Station.



13. Select the Search Tab. Check the box for GPS Search. Then, tap the Settings button.



14. These are the Settings for the GPS Search, using the internal receiver. Tap on Comm Setup to configure your communication settings



Settings [✓] [✗]

Comm Setup

Status: Insufficient Points

Num. Points: 0

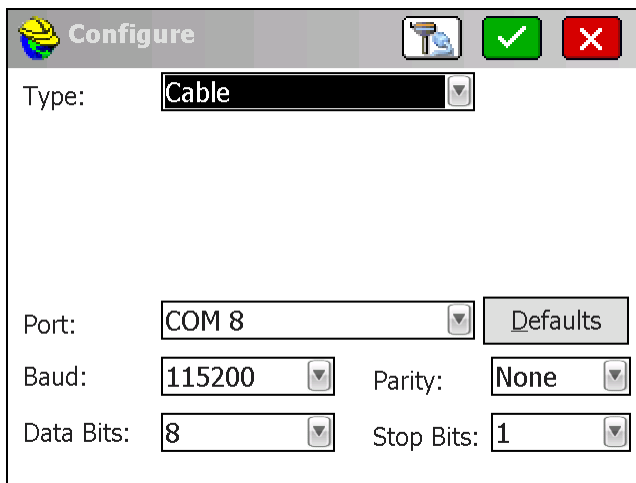
Auto Localization
 Use Current GPS Transformations

Lock Localization Ignore Elevations

GPS elevation (relative to prism): ft

Load Loc. Reset Loc.

15. The Comm Settings should be COM 8, 115200



Configure [🔧] [✓] [✗]

Type:

Port: Defaults

Baud: Parity:

Data Bits: Stop Bits: