Topcon Receiver Utility (TRU)
Release Notes

Version 1.1

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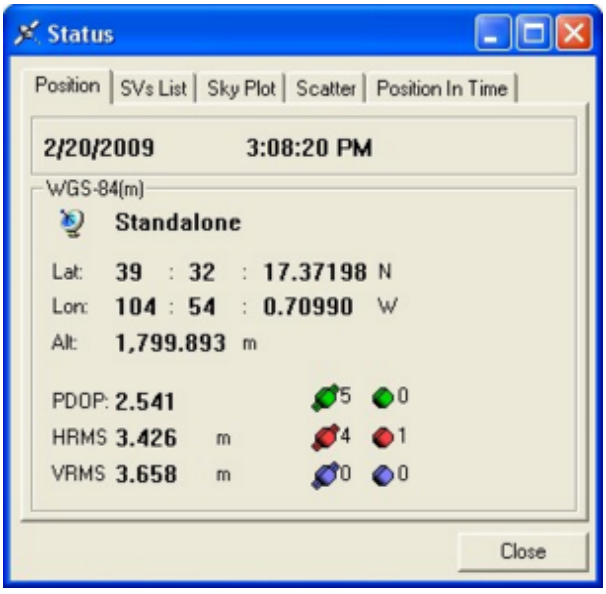
Version 1.1

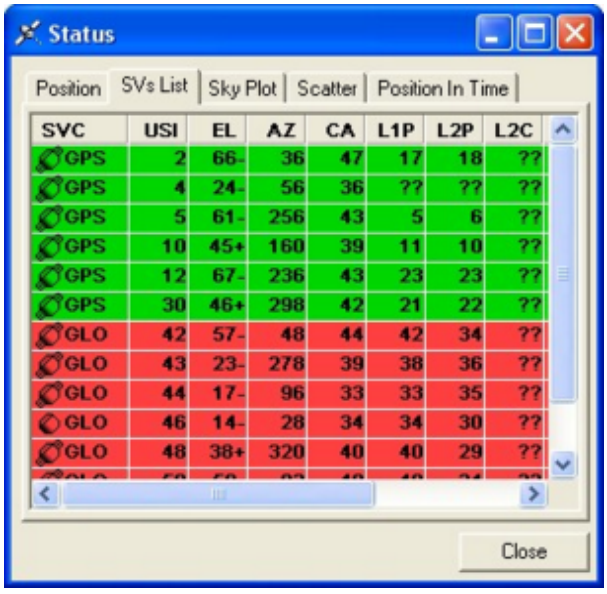
Status

The following information is now displayed by selecting the *Status* icon:

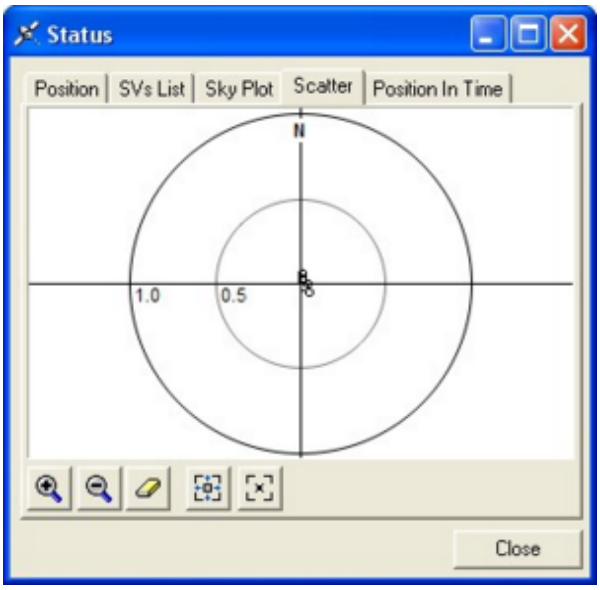
Status

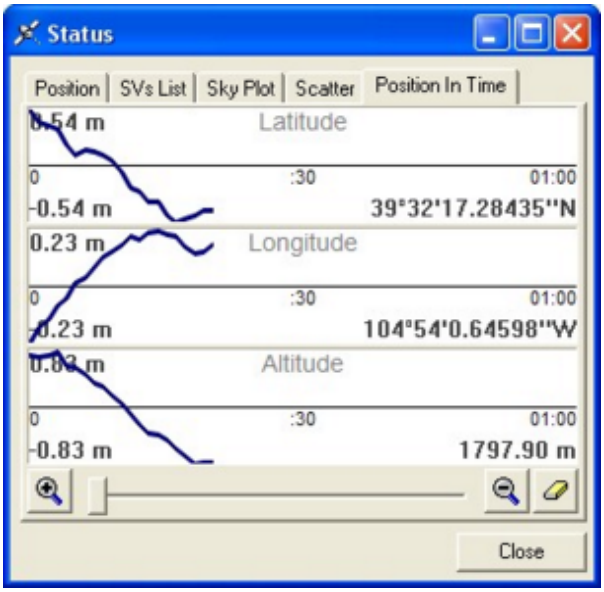
- Position - WGS 84 Coordinates
- Position - GPS Date & Time
- Position - PDOP
- Position - HRMS, VRMS
- List of Satellites
- Sky Plot
- Scatter Plot
- Position in Time






Status
Position
SVs List
Sky Plot
Scatter
Position In Time
N
46
4
48
30
2
42
43
30°
6
5
12
50
44
51
Close

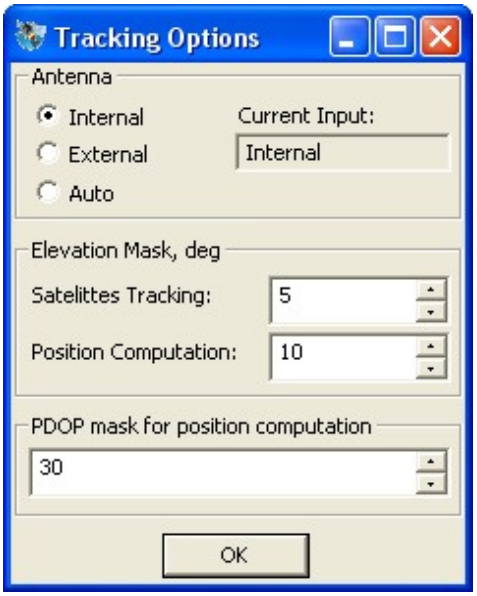

Status
Position
SVs List
Sky Plot
Scatter
Position In Time
N
1.0
0.5
Close


Status
Position
SVs List
Sky Plot
Scatter
Position In Time
0.54 m
Latitude
0
:30
01:00
-0.54 m
39°32'17.28435"N
0.23 m
Longitude
0
:30
01:00
-0.23 m
104°54'0.64598"W
0.83 m
Altitude
0
:30
01:00
-0.83 m
1797.90 m
Close

Tracking

The following tracking options arer now available by selecting the *Receiver Settings - Tracking* icon:

- Antenna Type Selection (Internal/External/Auto)
- Current Input Display (Antenna)
- Elevation Masks (for Satellites Tracking, and Position Computation)
- PDOP Mask for Position Computation



Positioning

The following options are now available by selecting the *Receiver Settings - Positioning* icon:

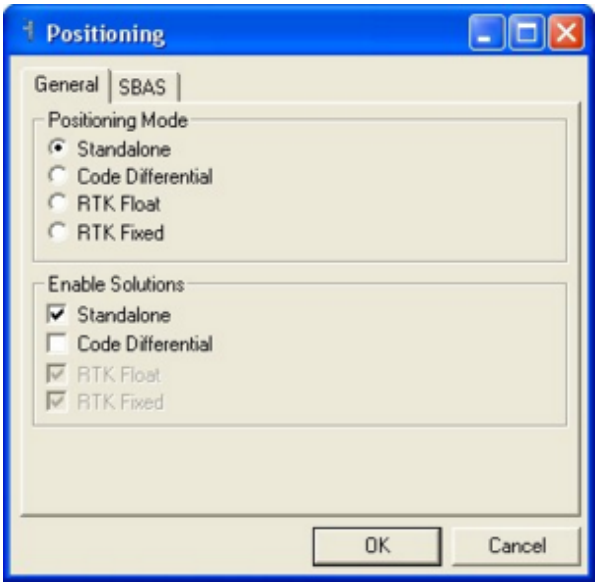
Positioning

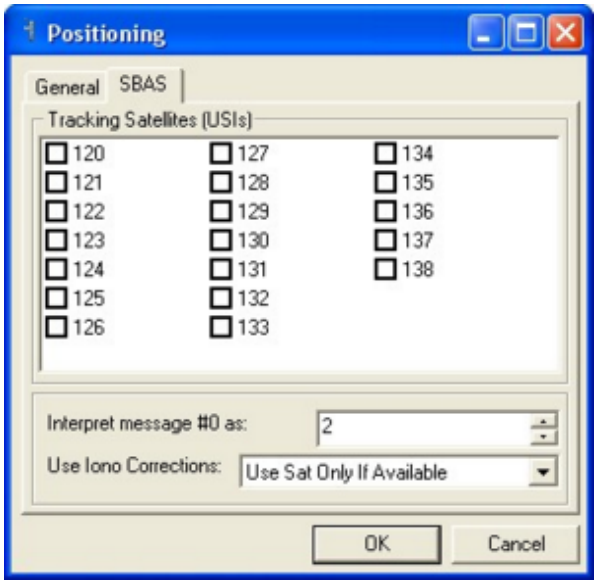
General

- Positioning Mode selection (Standalone, CodDiff, RTK Float, RTK Fixed)
- Enabling Standalone, and CodeDiff Solutions

SBAS

- WAAS/ENGOS/MSAS Configuring (for both old, and new TG3, and GR3 based receivers)

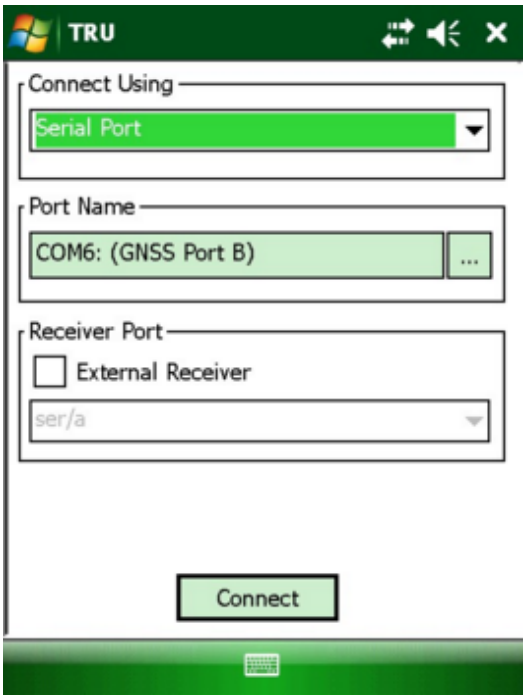




GRS-1

Connection

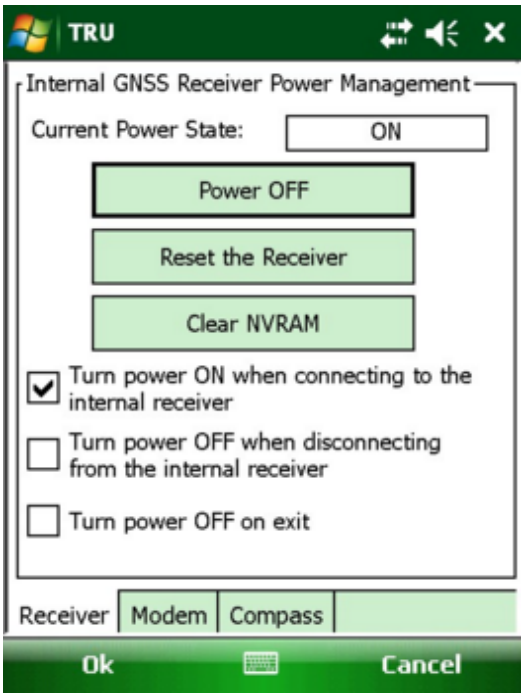
Connection to the internal receiver is accessed by selecting the port settings shown below after selecting *Device - Connect*:

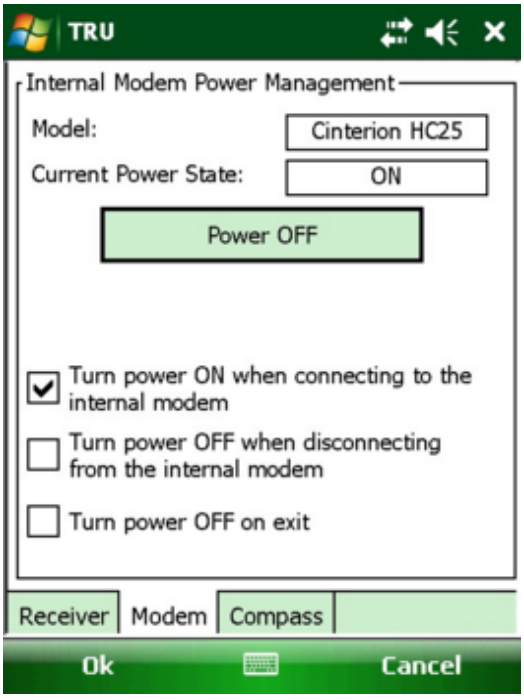


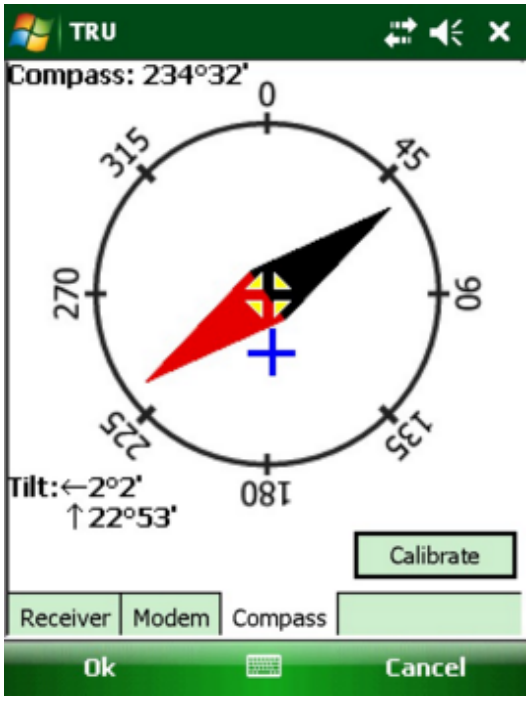
GMS/GRS Tools

The following tools are available for the GRS-1 receiver by selecting *Device - GMS/GRS Tools*:

- Compass
- Receiver Power Management
- Modem Power Management (GRS-1)

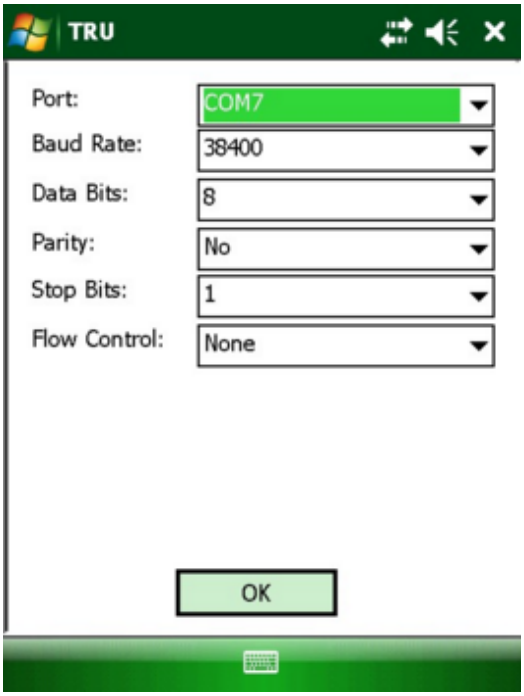






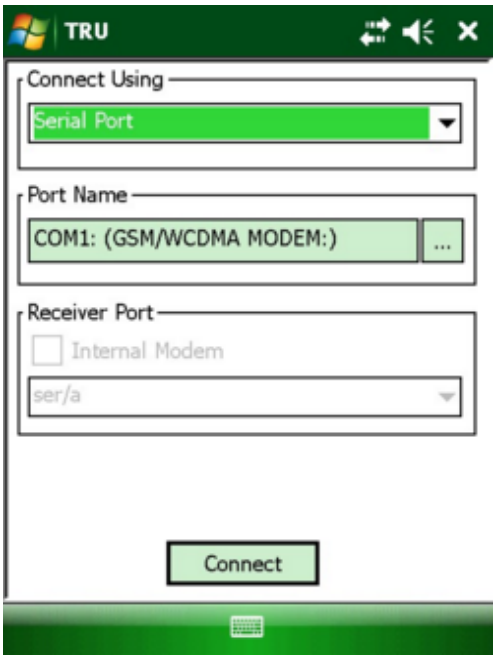
Enable Google Maps

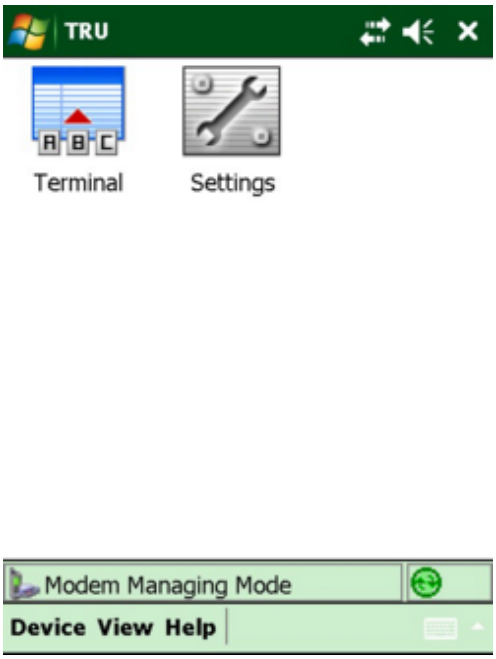
- Configures and enables NMEA Output for Google Maps compatibility. The recommended connection settings are shown below and are the default values.

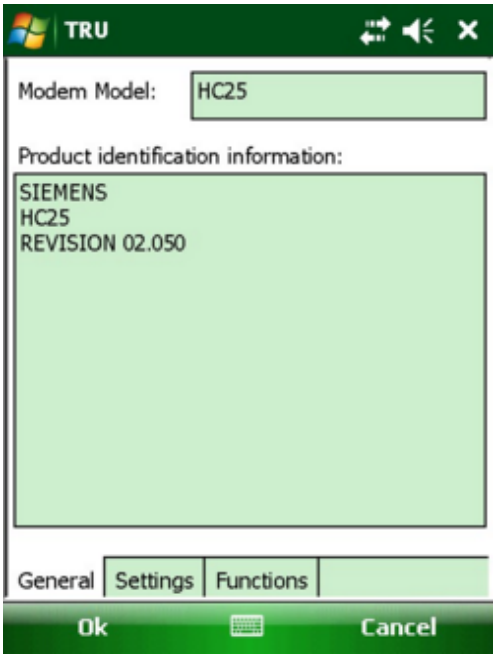


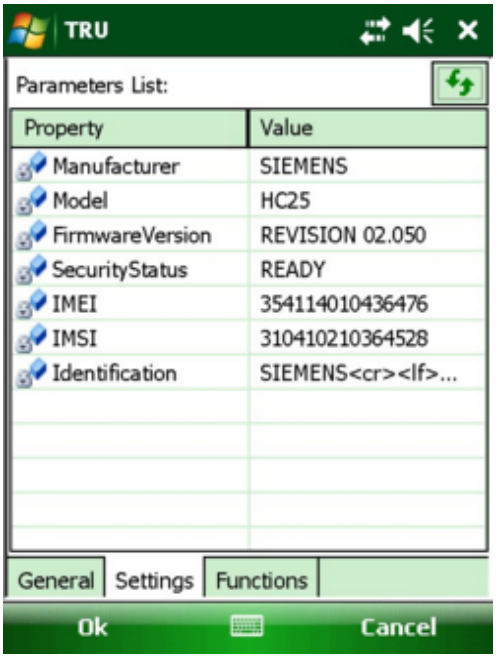
Modem Managing

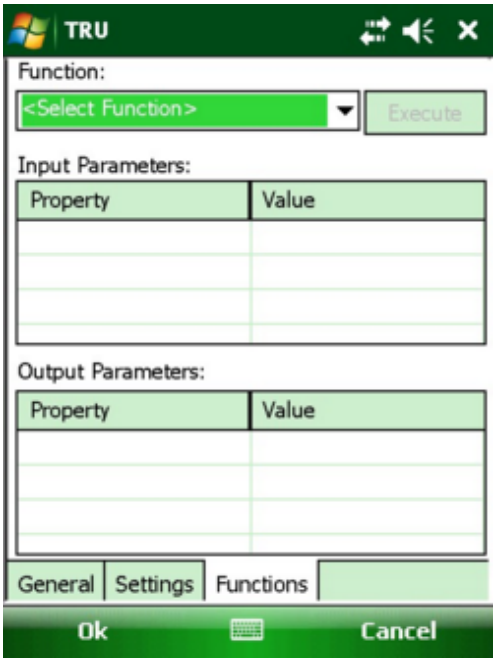
- When using TRU with the GRS-1, there is now a *Modem Managing* option accesed from the *Device - Application Mode* menu.
- Select *Connect* and configure the port as shown below to connect to the cellualr modem.
- Select the *Settings* icon to view the General information, Settings, and Functions that pertain to the internal modem.










TRU
Function:
<Select Function>
Execute
Input Parameters:
Property
Value
Output Parameters:
Property
Value
General
Settings
Functions
Ok
Cancel

GMS-2 Pro

The following tools are available for the GMS-2 Pro receiver by selecting *Device - GMS/GRS Tools*:

- Compass
- Receiver Power Management
- Camera (GMS-2, GMS-2 Pro)
- LDM (GMS-2 Pro)

Connections

- Connecting to external receivers through the daisy chain of another receiver is now supported.