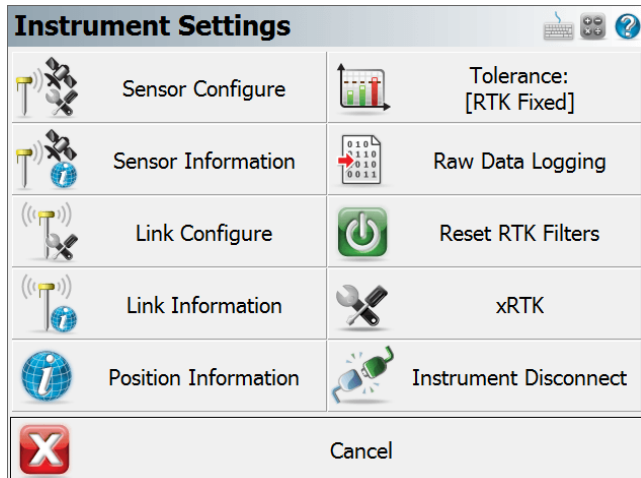
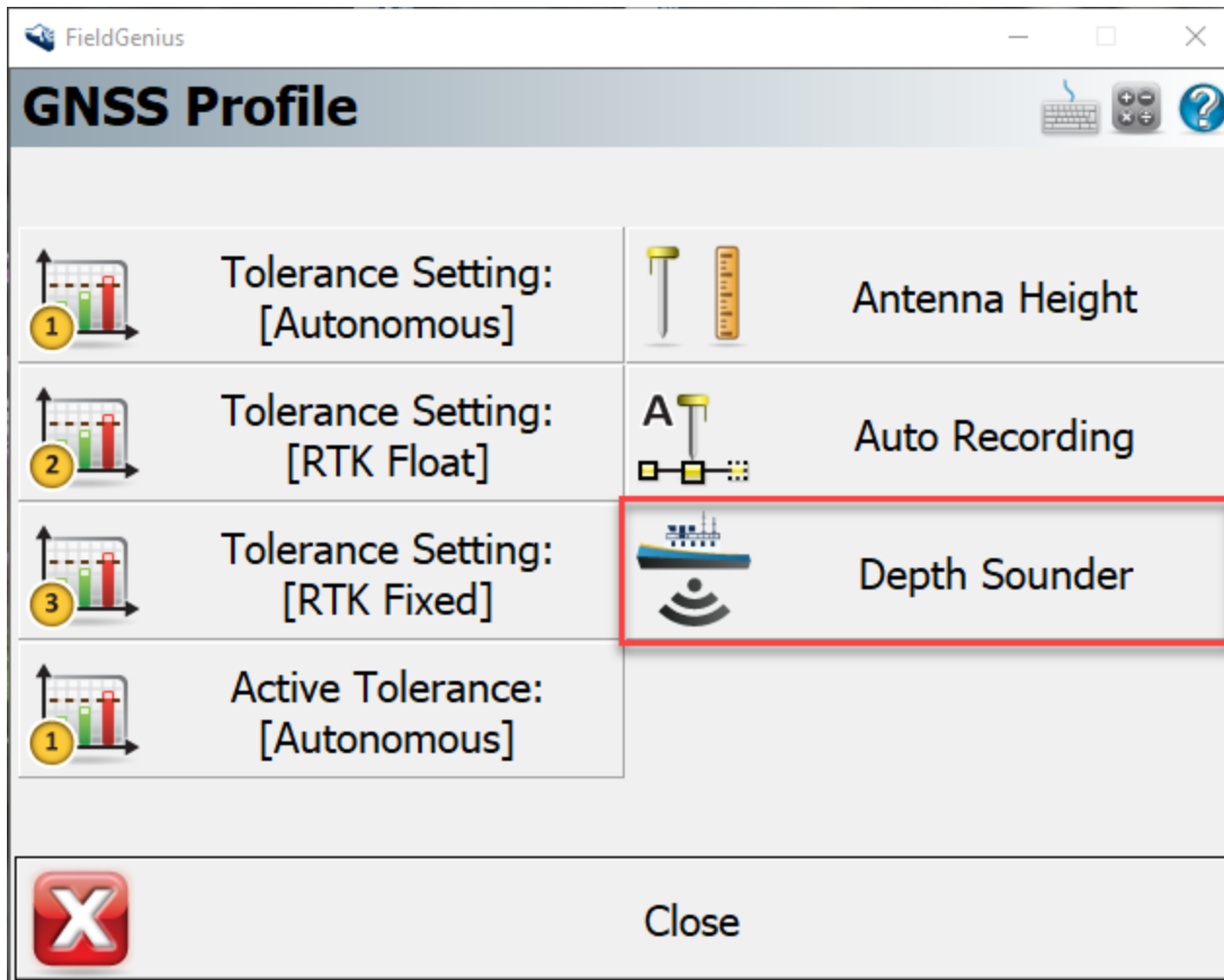


The GNSS Settings screen is accessed from the [GNSS Toolbar](#).



Sensor Configure

This will allow you to make changes to most of the settings in your [reference](#) or [rover profile](#), including configuring the three tolerance modes, selecting the active tolerance mode, configuring the antenna height, configuring the auto-recording options and depending on the GNSS Sensor connected, the Electronic Bubble settings will be shown here as well. (The Model and Communication options cannot be configured while you are connected to your GNSS receiver.)



Depth Sounder

The Depth sounder option allows the program to connect by Bluetooth to a supported depth sounder sensor after you are connected to a GNSS receiver. The program supports the SonarMite BTX depth sounder and other depth sounders that support the NMEA depth sounder standard format. On the depth sounder set the port to Bluetooth and the Press to Setup button. Search and select the depth sounder Bluetooth device from the list and configure the Bluetooth connection per the manufacturers instructions (pin code may be required). Once you have selected the correct depth sounder Bluetooth device select Connect.

FieldGenius



Depth Sounder

Communication

Port	Bluetooth
Bluetooth Setup	Press to Setup
Bluetooth List	MINI 5
Auto Connect	<input checked="" type="checkbox"/>

Device

Model	NMEA
Units	Meter
Use Water Elevation	<input checked="" type="checkbox"/>




Connect

Close

Once connected to the Depth Sounder you can select the auto reconnect option to reconnect to the sensor if communication is interrupted. With Bluetooth communication established you can select the device model as Sonarmite or NMEA depending on the type of depth sounder device you are using. The units of measure for the depth sounder are the same as the GNSS receiver. If the Use water level box is not checked then the height recorded by the program is a combination of the GNSS receiver position plus the antenna height and the depth sounder measurement. The antenna height needs to be input as the distance between the measure point on the GNSS Receiver and the measure point on the depth sounder. If the water level elevation is checked then the user needs to input the water level and the antenna height needs to be set as the distance from the

water surface to the measure point on the depth sounder. The GNSS receiver will record the horizontal location and the height will be the water level plus antenna height and depth sounder measurement.

Depth Sounder

Port	Bluetooth
Bluetooth Setup	Press to Setup
Bluetooth List	MINI 5
Auto Connect	<input checked="" type="checkbox"/>
Device	
Model	NMEA
Units	Meter
Use Water Elevation	<input checked="" type="checkbox"/>
Water Elevation	398.300m

 Disconnect  Close

FieldGenius

Antenna Height


Model: User Defined

Measured Height: 1.500m

Measure Point: GNSS and NMEA Measure pts.

Offsets

Measure Point to ARP Offset - Horizontal	0.0mm
Measure Point to ARP Offset - Vertical	0.0mm
ARP to APC (L1) Offset - Vertical	0.0mm

 OK

Sensor Information

The [Sensor Information](#) screen displays detailed information about the hardware you are connected to.

Sensor Information	
GNSS Driver	GS14
Hardware	GS14
Serial Number	2810059
System Version	6.13
Measure Version	6.515
Boot Version	6.06
Battery	100%
Battery Ext	None

<
>

OK

Link Configure

This turns on your GNSS Receiver's [radio or modem](#) to begin receiving RTK corrections, from either a base receiver or an NTRIP or GPRS server.

Link Configure	
Device	
Device Type	GSM Module
Device Port	Internal
Device Setup	Press to Setup
Correction Data	
Message Type	RTCM 3
Base Station ID	Any
RTCM Transformation	
Enable	<input type="checkbox"/>

Connect
Close

Link Information

The [Link Information](#) screen displays detailed real-time information about the correction message being received by your receiver via a radio link from a base receiver, or via a cellular modem link from an NTRIP or GPRS server.

Link Information

Information

Data Age	1.0 sec
Data Quality	100%
Status	RTK corrections being received
RTCM Transformation	Not Applicable.

Reference

Identification	1
Latitude	N49°50'16.93114"
Longitude	W119°36'36.29246"
Ellipsoidal Height	400.017m

OK

Position Information

The [Position Information](#) screen displays detailed real-time information about your current position.

Position Information

Latitude	N49°50'16.74805"
Longitude	W119°36'35.51927"
Ellipsoidal Height	387.265m
Antenna Hgt (Meas)	2.000m
Distance to Reference	Not Available
Northing	5523884.777m
Easting	312341.551m
Elevation	387.265m
Horz System	UTM83-11
Vert System	Ellipsoidal (WGS84)

OK

Antenna Height

The [Antenna Height](#) screen allows you to configure the antenna height of your GNSS receiver.

Antenna Height


Model: GS14

Measured Height: 2.000m

Measure Point: Bottom of antenna mount

Offsets

Measure Point to ARP Offset - Horizontal	0.0mm
Measure Point to ARP Offset - Vertical	0.0mm
ARP to APC (L1) Offset - Vertical	89.0mm

 OK


Active Tolerance Mode


This button indicates which of the three [tolerance modes](#) setup in your Rover Profile is currently being used. Press this button to select the active tolerance mode. To configure the three tolerance modes, see the "Sensor Configure" button described above.

Select Tolerance

Autonomous

RTK Float




 RTK Fixed

 Cancel

Raw Data Logging

The [Raw Data Logging](#) screen is used to start and stop raw data logging on your GNSS reference or rover receiver, for later post-processing.

GNSS Raw Data Logging



File Name

Rate

1 Sec

Start Logging


View Files

Memory Total

956.8 MB

Memory Free

893.2 MB



Close