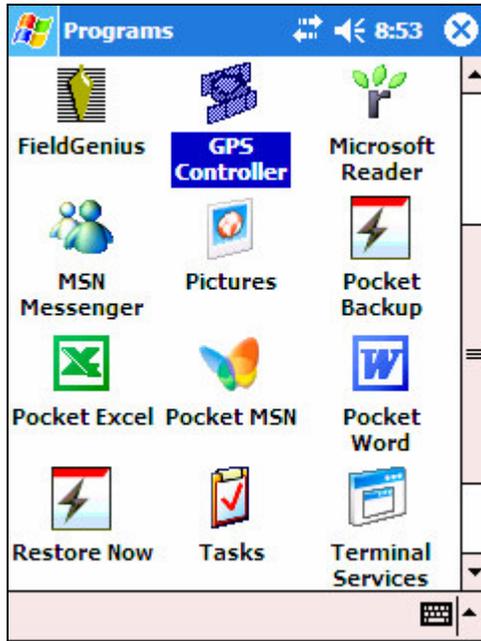
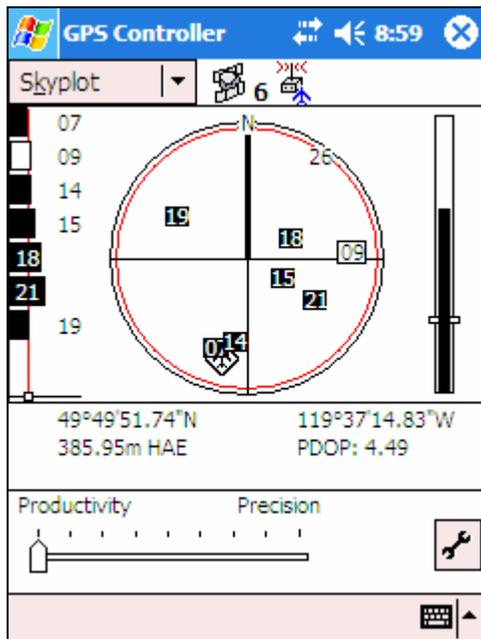


Start GPS Controller

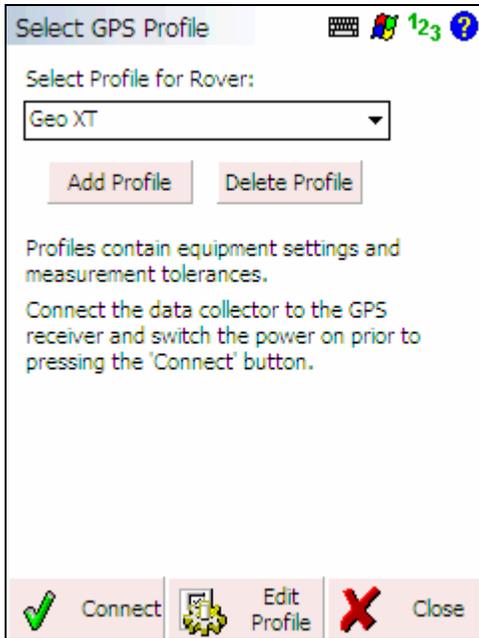
1. In the **Start | Programs** menu, you will find a program called **GPS Controller**. Start this program before starting FieldGenius.



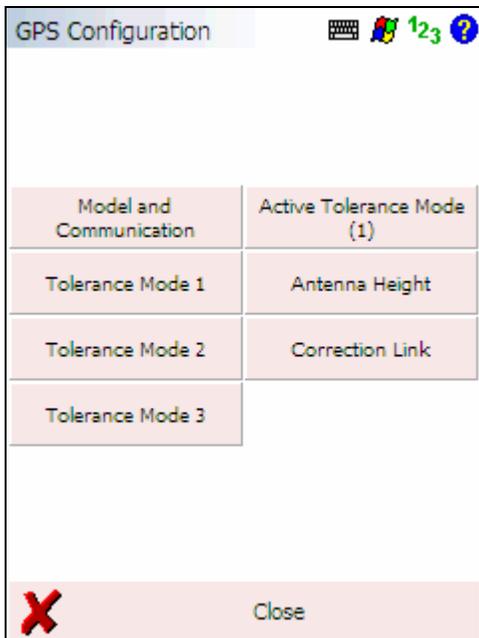
2. The GPS Controller software will try to resolve a position. Once you get a position you can start FieldGenius.



3. Start FieldGenius by going to the **Start | Programs** menu and select **FieldGenius**. You will need to create a GPS profile to use.
4. In the Select GPS Mode Screen, select Start Rover and then on the Select GPS Profile screen create a new profile. In our example we created one named "Geo XT".



5. You now need to edit the profile which will take you to the GPS configuration screen.



6. You can use the following screen shots as a quick guide to get started. It is important to take the time to understand how the tolerance modes affect FieldGenius. You can set these based on the type of work you are going to be doing.

GPS Model and Communication

GPS Receiver

Model: NMEA

Port: Data Port

Data Collector

Port: COM2

Baud Rate: 115200

Parity: None

Data Bits: 8

Stop Bits: 1

OK

Tolerance Mode 1

Masks

Solution: Autonomous

Elevation: SVs: 5

PDOP: 6.00 Ref ID: Any

Horz RMS: 5.000m Vert RMS: 5.000m

Point Tolerance

Obs: 5 Time: 5 sec

Auto Record

Dist: 5.000m Time: 10 sec

OK

GPS Antenna Configuration

Model: User Defined

Antenna Height

True: 0.000m Meas: 0.000m

Press to Update Calculated Height

Antenna 'Measured' Parameters

Bottom of antenna mount

Horizontal Offset: 0.000m

Vertical Offset: 0.000m

OK

Correction Link

Mode: None

Link Communication

GPS Port: Baud Rate: Parity: Data Bits: Flow: Stop Bits:

Message Type

Version:

Enable WAAS

OK

7. Now you can press the **Connect** button on the Select GPS Profile screen. This will configure FieldGenius to start using the NEMA string to compute a GPS position.

