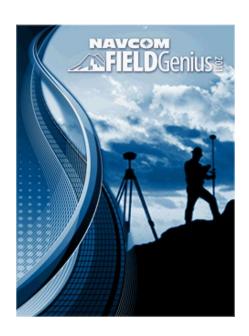


Creating a GPS GSM Network Rover Profile and Connecting to a GPS Network Data Correction Service



Creating a GPS GSM Network Rover Profile

Introduction

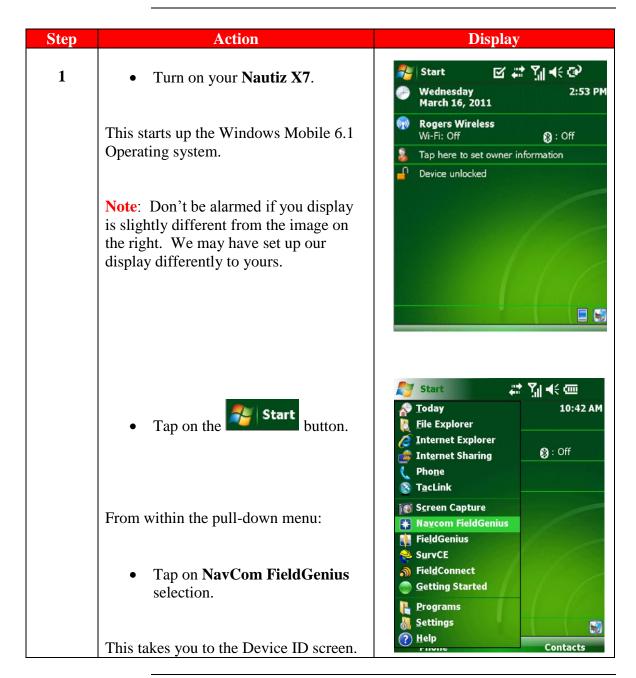
This guide describes how to create a GPS GSM network rover profile.

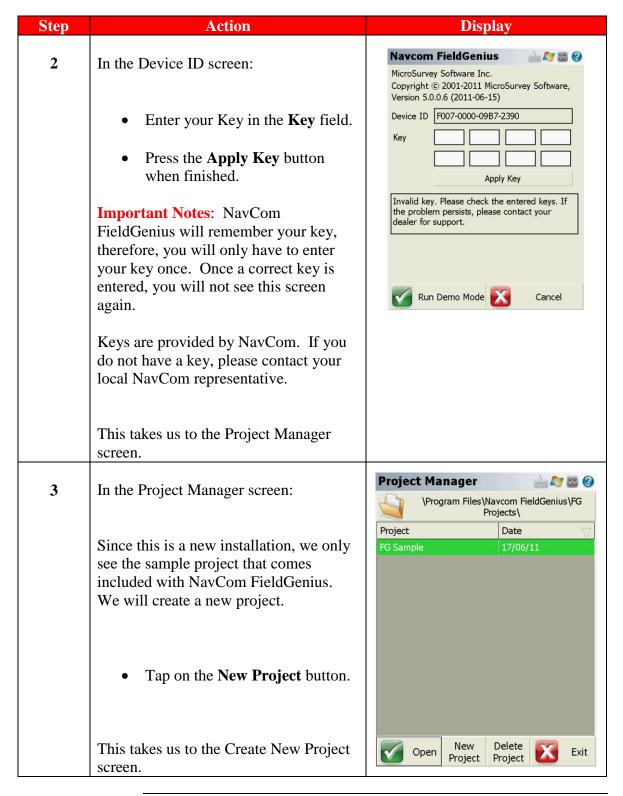
Important Note: You only need to create a particular profile once. After that NavCom FieldGenius will preserve and use this already-created profile. You are also welcome to create more profiles such as for a UHF radio GPS profile, but in this guide we explain how to create a GSM Network GPS profile.

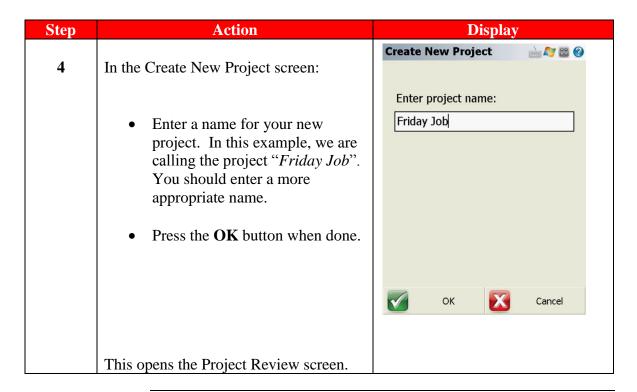
Currently the NavCom SF-3040 does not support having an internal GSM modem so we will utilize the modem inside a Nautiz X7 data collector.

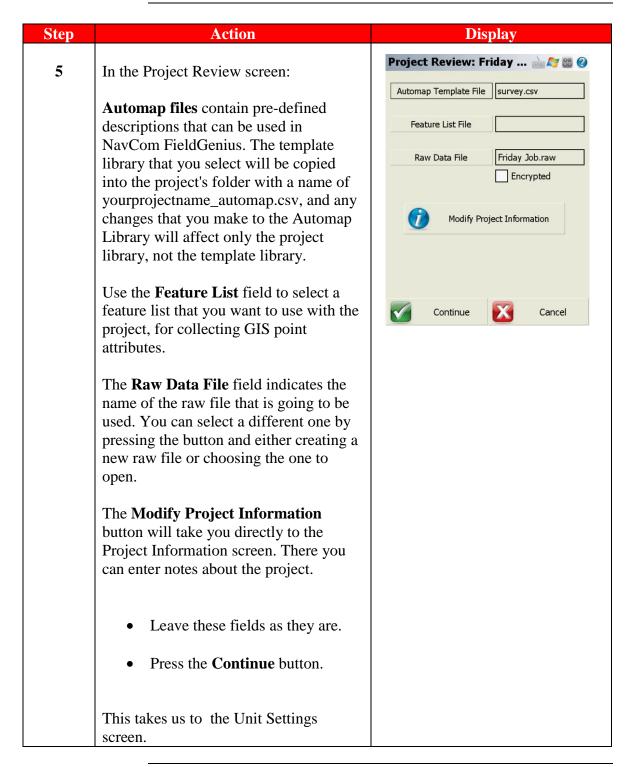
Before you Begin

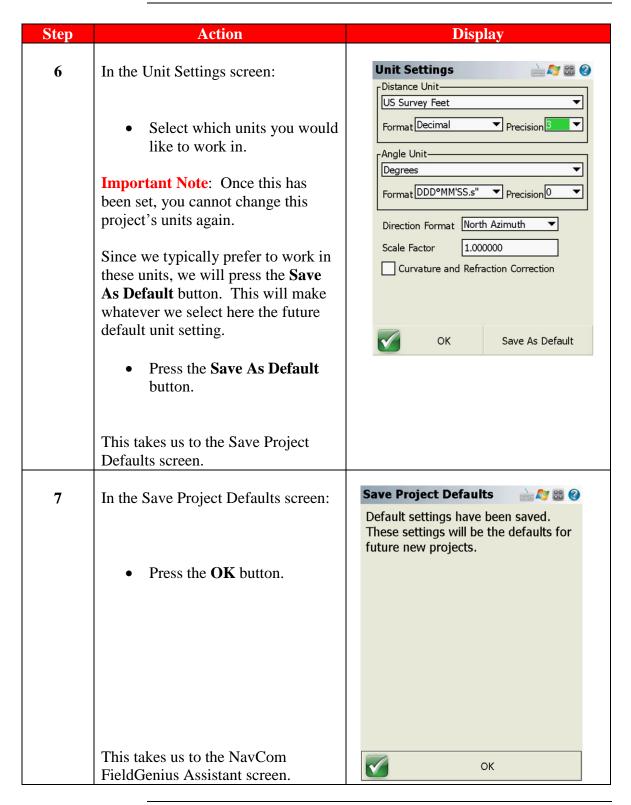
Before you can access a GPS network data service, you must have already established an Internet connection. If you don't know how to do this, please refer to the guide, "Creating a Local Internet Connection on a Nautiz X7 Hand Held Computer".

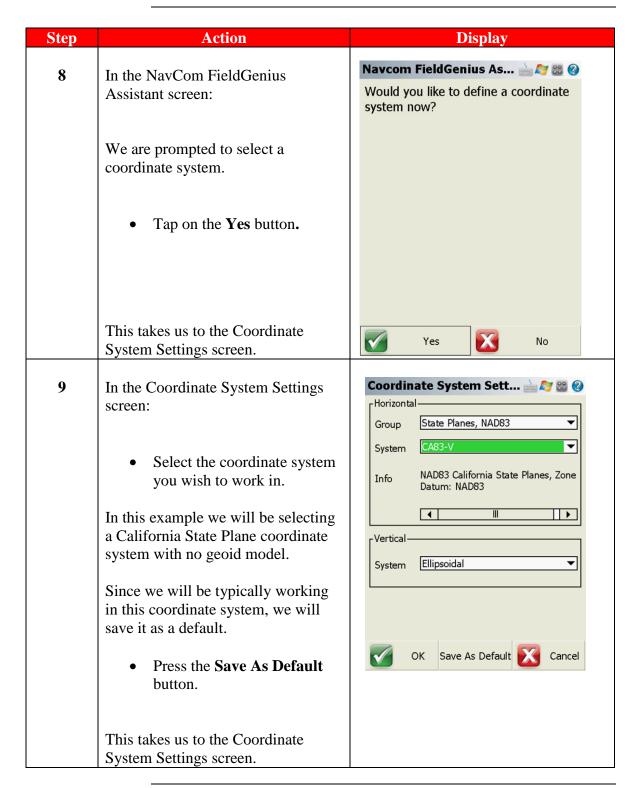


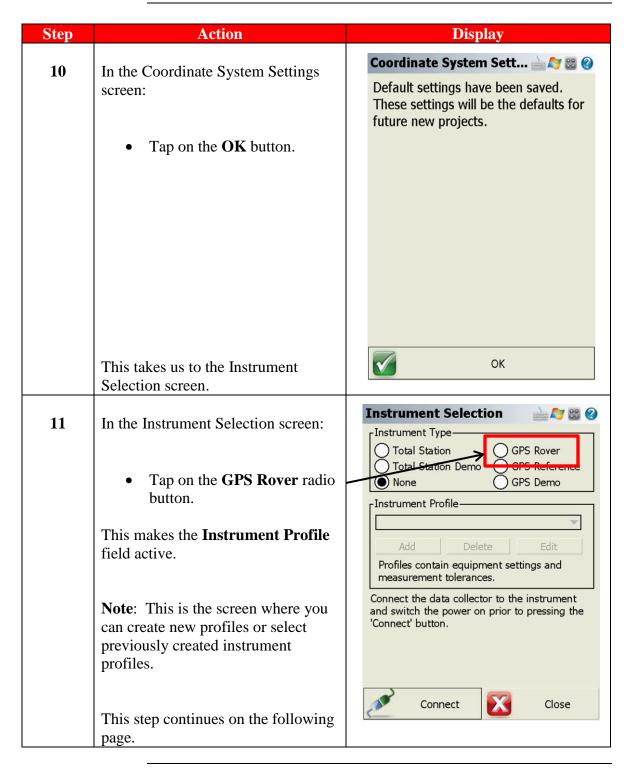


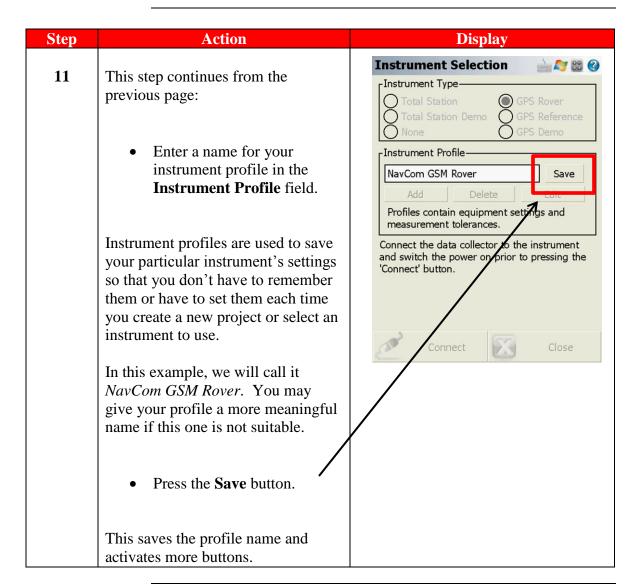


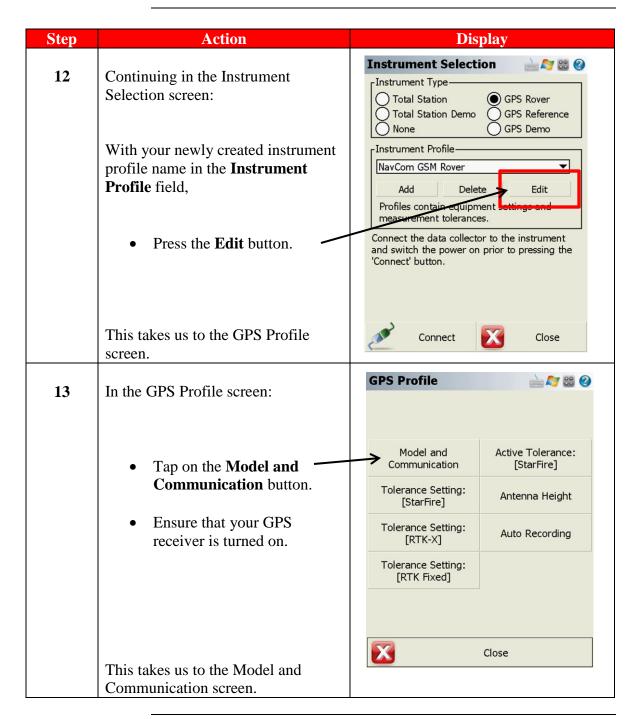


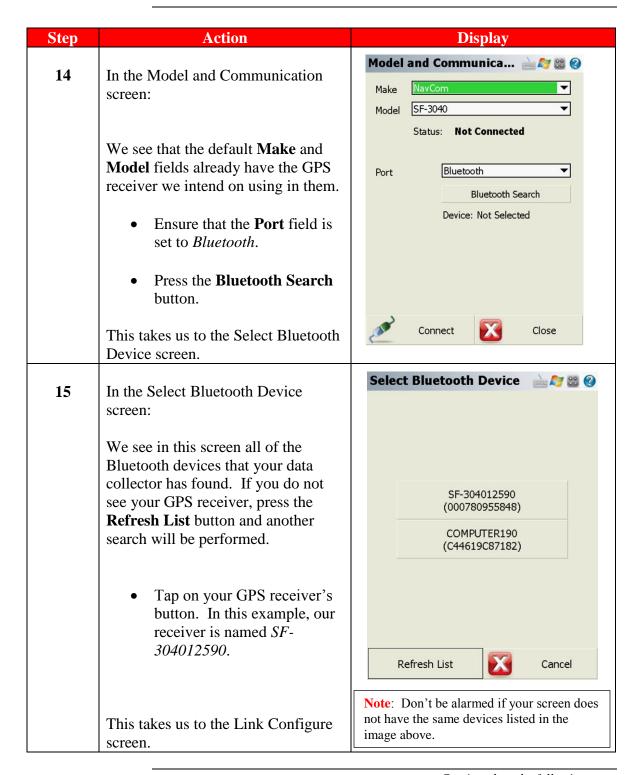






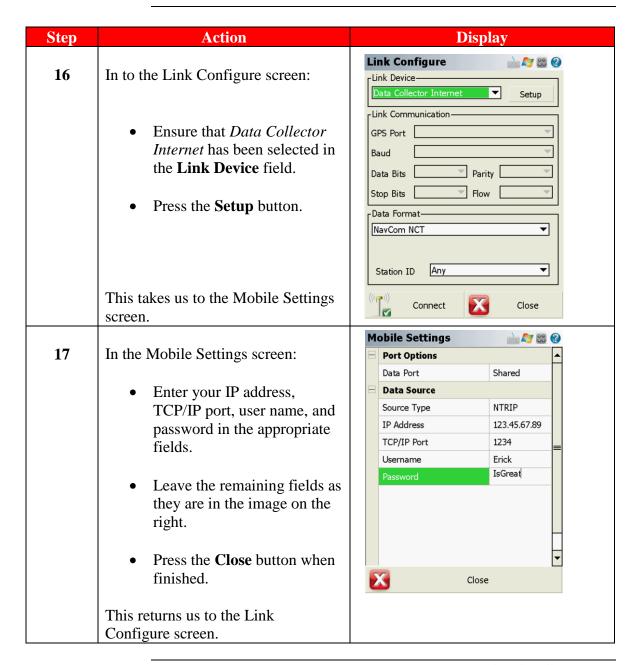


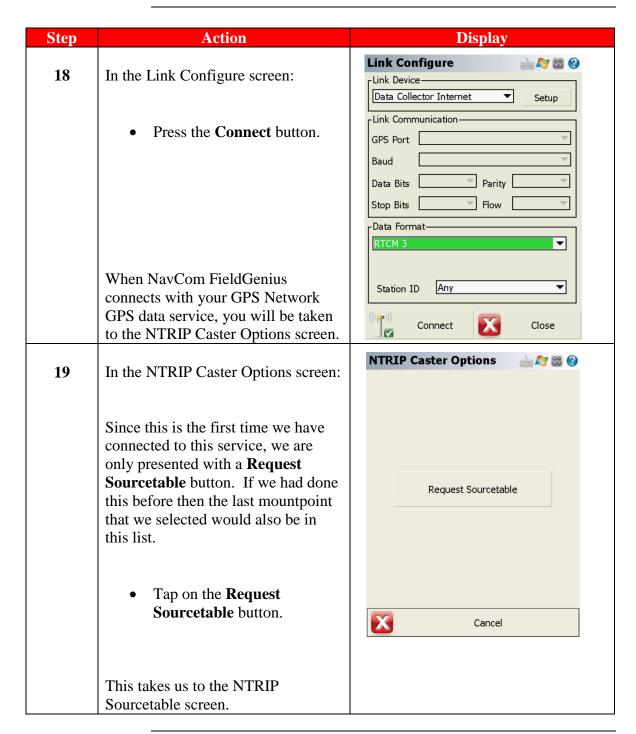


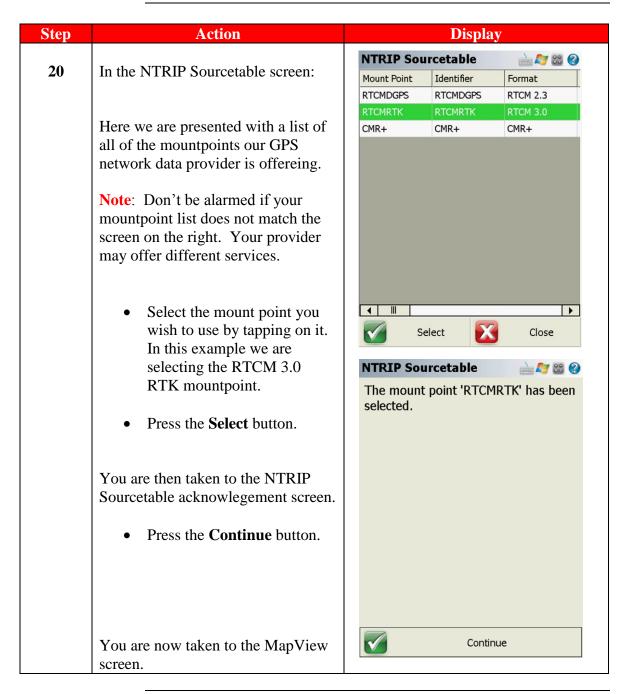


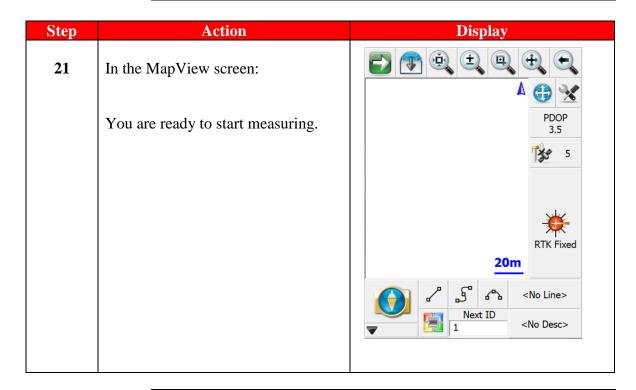
Network GPS Data

In the guide, *Creating a Local Internet Connection on a Nautiz X7 Hand Held Computer*, we created a connection to the Internet. Now we will enter the network settings to connect to your GPS network correction service using that Internet connection.









Congratulations

You have successfully created a NavCom GPS GSM rover profile.

You then made a connection to your GPS receiver via Bluetooth.

From there you connected to your GPS network correction provider and started receiving network data.

Remember, NavCom FieldGenius will preserve these settings in the instrument profile. You only have to create this profile once. In other words, you don't have to follow these steps each and every time you want to survey using GPS and the Internet.

Glossary

GPS – Global Positioning System

GSM – Global System for Mobile Communications

CDMA – Code Division Multiple Access

ISP = Internet Service Provider

SIM - Subscriber Identity Module

RTCM - Radio Technical Commision for Martitime

RTK – Real Time Kinnematic