Configuring the Base Station

Application files

Configure the receiver using Configuration Toolbox. Make necessary changes to the 'Power_Up' file.

The receiver needs to be powered up for communications with the computer. Connect receiver port 2 to a serial port using a lemo/db9 cable.

1. Open Trimble's "Configuration Toolbox".

2. <u>Communications</u>: Get file.

3. Select the 'Power_Up' file.

4. Make educated changes to 'Power_Up' file. For example, set the logging rate to a desired frequency.

5. Click Save.

6. Click Transmit. You may have to try this a few times before it works.

7. Click Close.

8. <u>Communications</u>: Activate file. Choose "Power_Up".

9. Repeat steps 2 and 3. Double check that the changes took place.

The base station should now be ready to collect data. Press the blue log data button on the receiver to begin logging. A solid orange LED indicates data is being logged. It will begin to flash slowly after 7-20 minutes.

GPS Configurator may be used to verify the receiver is tracking normally. Connect the receiver to the computer and open the software. Select the SV tracking tab to ensure SV's are being tracked. The log to receiver tab displays information about the file being logged.