



Uploading Data from Base Camp to an Oregon GPS

Abstract

This guide outlines the steps to upload GPS data from Base Camp to an Oregon GPS unit. This method is simply an optional method for upload, compared to uploading directly with DNRGPS.

Steps: Set GPS Interface to Garmin Serial or Garmin Spanner – Connect the GPS to the computer that is running Base Camp – Access a list of the data in Base Camp – Drag and drop the list onto the GPS unit in Base Camp

Details

This guide assumes the user has data available that the user wishes to transfer to the GPS unit. Typically this data will be prepared by a user loading it into *DNRGPS* and then using *DNRGPS* to save a GPX file that Base Camp can open.

1. **Set** the GPS unit to *Garmin Serial* or *Garmin Spanner* mode under the *Setup > System* menu. For details on this setting, if necessary, see the *Setup of the 550(t)* guide.
2. **Connect** the GPS unit to a computer that has the Base Camp software. The GPS unit will automatically be detected by Base Camp.

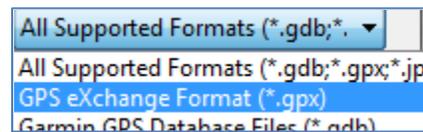
Troubleshooting the connection:

- Make sure the Interface mode on the GPS unit is set to, “Garmin Serial,” or, “Garmin Spanner.”
- Make sure the micro USB cable is properly plugged into the unit and the computer.
- If using Spanner mode, make sure you’ve answered the question about Mass Storage Mode on the GPS unit. If you have answered it, you will see a black screen with the Garmin logo and an image of a GPS unit connected to a computer case by a cable.

3. Prepare a file to be loaded into Base Camp that is stored in GPX format, if not already done. This will be the data that you want to transfer onto the GPS unit and will come from a GPX file already created and saved, most likely from another file or ArcMap by way of DNRGPS. Please refer to the guides for *Loading Data from File to DNRGPS* and/or *Loading Data from ArcMap to DNRGPS* for details on obtaining datasets from shapefiles, text files, or ArcMap in DNRGPS. Then refer to the *Saving Data from DNRGPS* for details on creating a GPX file.

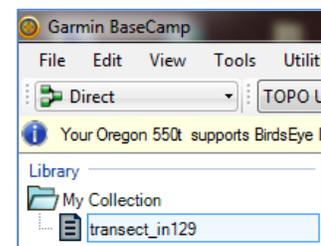
4. In Base Camp, **click File → Import...**

5. **Navigate** to the GPX file that has the data you want to upload (change the file type to GPX in the *Import* window if not already set).



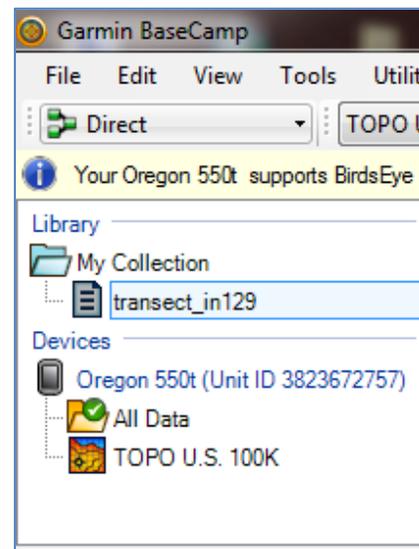
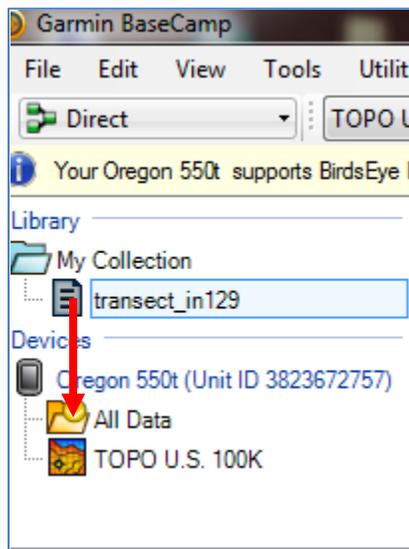
6. **Select** the desired GPX file and **click Open**.

7. The GPX file will be opened in Base Camp and appear as a *List* under the **My Collection** folder. The *list* icon is a piece of paper with three lines on it.





8. If any data is already present on the GPS Unit, **compare** the names of your data points or tracks from the new *List* in **My Collection** to the names already on the unit found under *All Data*. If they match, you should rename one or the other sets of data so they do not have matching names. Alternately, you could save and then delete existing data from the GPS unit to clear it out and prepare it for upload of the new dataset. See the guides for *Downloading Oregon GPS Data in Base Camp* and *Saving Data from Base Camp* for details.
9. When ready to transfer data to the unit from your *list*, **click and hold** the *List* with your data. **Drag and drop** the list from the **My Collection** folder to the **All Data** folder listed under the connected device.
10. During transfer, a yellow mark and a progress bar will appear under the **All Data** folder. When the data transfer finishes, a green check mark will appear on the **All Data** folder.



11. After transfer of data to the unit, it is recommended to remove the *List* from the **My Collection** area of Base Camp's *Library* if the file is no longer needed. This can reduce the potential for confusion with the presence of the same data in the **All Data** folder for the connected Oregon device.