

Installing and Building a Geoid Grid

I. Please download Carlson X-port at the link below {"XportSetup.exe"} and use the serial number listed in the back of your SurvCE binder/manual. {it should be listed as X-port serial # and start out like this: "133..."} -or- You can use Carlson Survey or Carlson SurvCadd.

<http://update.carlsonsw.com/updates.php?product=SurvCE&version=2.0>

II. Geoid Grid files are a separate install program located on the SurvCE CD. They are also available on the Internet at the link above as the file "CarlsonGeoidGrids.exe"

- 1) **PLEASE NOTE:** You will need to Run the CarlsonGeoidGrids.exe file after you have downloaded it
- 2) When you run the GeoidGrids file it will ask which Folder or Directory your "SurvCom" file is located in
- 3) For using Geoids in Carlson Xport you would need to click Browse and navigate to "C:\Program Files\Carlson X-port\" and set this as your "Survcom Folder" during the installation process

III. Once you have finished installing X-port and the Geoid grid files:

- 1) Hook up the Explorer to the computer with the 9pin cable
- 2) Turn on the Explorer and load up SurvCE
- 3) On the data Collector Tap File Tab / tap Data Transfer / tap Carlson Transfer {it should say awaiting connection}
- 4) ON THE Desktop Computer --- Run Carlson X-port / click Tools / click Data Transfer / click SurvCE/G2/FastSurvey...
- 5) Click the Geoid button in the bottom right corner
- 6) Click the select button and navigate to the directory you installed the Geoid Grids to
- 7) Key in the Latitude & Longitude, Grid Size and file name that you want --- You should ALWAYS make the size 120 miles or 2 degrees {this will create a Geoid file with a 50mile Radius}
- 8) Click OK and it will make a grid file and copy it to the data collector
- 9) After it is finished copying - On the data collector tap Close in the upper right corner / tap File / Tap job settings / tap the GPS tab / tap Geoid Separation File button / select the file we just created / Tap OK / Tap OK