Instructions for Using The NGS Geoid 03 Model with Trimble Geomatics Office

1. Go to the Trimble web site at www.trimble.com.
2. Click on the link for *Support and Training*.
3. Click on *Support A-Z List.*
4. Scroll down to the "T's" to find *Trimble Geomatics Office*.
5. Click on the *Trimble Geomatics Office* link.
6. Click on *Downloads*.
7. Click on *Geoid Files*.
8. Choose *Geoid 03 Continental US* to download *Geoid 03 Combined CONUS*.

You will be prompted to save this executable (.exe) file to your computer. Remember where you save this executable file. Once the file has been downloaded go into Windows Explorer to find where the executable file is located. Double click the Geoid 03 file and the self extracting utility will ask you for the location of where to save the file. Save the Geoid 03 file to the **C:\Program Files\Common Files\Trimble\Geodata** folder.

In Windows Explorer navigate to the C:\Program Files\ Common Files\Trimble\Geodata folder. We need to make a copy of the current.csd file and paste it in the Geodata folder. Next, rename the copied current.csd file to current-ORG.csd to preserve the original contents. The final steps are to add Geoid 03 to the current.csd file available for TGO to use.

1. Click on Start/All Programs/Trimble Office/Utilities/Coordinate System Manager.
2. In Coordinate System Manager click on Edit/Add Geoid Model.
3. For the name enter GEOID03 (Conus).
4. For the file name, click on the drop down arrow and pick Geoid 03 from the list.
5. Click OK to return to Coordinate System Manager.
6. Click on File/Save As and select the current.csd file.
7. You will be prompted that the file exists and do you want to replace it. Select Yes.

When you start a new project in TGO, in the properties box, select the Coordinate System tab, choose Change at the Coordinate System Settings box, the new settings radio button, and next. Make sure Coordinate System and Zone is selected and click next. You will now pick the Coordinate System Group and Zone and select next. If you have followed these instructions, you will now see and be able to select "GEOID03 (Conus)" from the list of predefined geoid models, now click finish.

Geoid 03 (Conus) is now the geoid model for your current project.