

Erratum 2 to GNSS Solutions Reference Manual P/N 630898-01E, Dated June 2008

This Oct 2010 Erratum supersedes the Jan 2009 Erratum earlier released for the GNSS Solutions Reference Manual.

User Interface

The main changes to the GNSS Solutions User Interface are the following:

- All commands previously labeled **Import Raw Data from Files or ProMark 500/ProFlex 500** (as described in the Jan 2009 Erratum) have been renamed **Import Raw Data from Files or ProMark/ ProFlex devices**. This command can be found:
 - In the **Project** menu.
 - As the second button in the Welcome dialog box that opens just after creating a new project.
 - On the **Import** tab in the Command pane, where it appears as the name of an icon.
 - In the Import Data secondary window, where it appears with this label: **Imported from Files or ProMark/ProFlex devices**.
- **Project > Import Geo Data from Files** and **Project > Export Geo Data to File** commands: A new file format option is now available to serve ProMark 100 and ProMark 200. This option is named: "ProMark Field Survey File (*.CSV)".
- Before importing raw data into a project, a new column (**Receiver Type**) is now displayed in the "Importing GPS data" window. This option is for making sure GNSS Solutions properly processes GLONASS data biases. After importing rawdata, this parameter is also displayed in the "Files" window.

Database Updates

- New coordinate systems (based on HTDP or NTV2 model) have been added to the list of known coordinate systems.
- In addition to the 111406 antenna model (introduced in the Jan 2009 Erratum), three new models of GNSS antennas have been added to the list of known antennas:
 - ASH111660 (ASH660), L1 GPS/GLONASS antenna
 - ASH111661 (ASH661), L1/L2/L5 GPS/GLONASS/GALILEO antenna
 - ASH802111, L1 only (built-in antenna of Ashtech handheld platform for MobileMapper 100, ProMark 100 and ProMark 200)

Utilities

- **Internet Download:** In the Service window of data providers, the "Sampling" parameter has been added to make sure the downloaded reference data have the required time span to allow successful processing of the user raw data.
- The following utilities are no longer part of the GNSS Solutions software suite:
 - **Geoids:** An equivalent tool, called **Extract Tool** is now available from the Ashtech website, along with the updated list of available geoid models. The welcome screen of the GNSS Solutions software installation CD (see screen) includes a link to both this tool and the list of geoid models.
 - **RINEX Converter:** A brand new RINEX converter has been designed. It can now be installed separately from the GNSS Solutions software but its installation files are still delivered on the GNSS Solutions software installation CD.
 - **Mission Planning:** Mission Planning is replaced with Web Mission Planning, the new Ashtech application software hosted on the Ashtech website. GNSS Solutions now makes a link available to this tool from within its Utilities command pane.

As a result of these changes, all relevant appendices in the GNSS Solutions Reference Manual are now obsolete (Appendices A, C and D).



Rebranding

Following the change of company name in January 2010, the GNSS Solutions software has been upgraded to make it a properly branded Ashtech product. However the following items have not been rebranded and so still keep mentions of the former company name:

- The GNSS Solutions Reference Manual, which the present Erratum refers to.
- The On-line help system attached to the GNSS Solutions software.