Summary: There are two different data formats that Series 4000 receivers can log data in, the *Compact* and *Standard* data formats. If data has been collected in the two different formats, you will not be able to process the data between the data in different formats. The data will have to be recollected. Note: If a mixture of both older and newer receivers are going to be used in a survey, before the survey is started, make sure the receivers will log data in the same data format, preferably the Compact format.

1 What Formats Are Available for Data Logging with Series 4000 Receivers

- 4000SI   Compact format
- 4000SSI   Compact format
- 4000SSE   Compact format
- 4600LS   Compact format
- 4000SE   (Gauss-based)   Compact or Standard format
- 4000SE   (Maxwell-based)   Compact format
- 4000SST   Compact or Standard format
- 4000ST   Compact or Standard format
- 4000SL   Standard format
- 4000SX   Standard format
- 4000AX   Standard format
- 4000A   Standard format

2 What is the Difference between the Compact and Standard Data Formats

The Compact format logs data on the even second, e.g., 15.0 sec. The Standard format allows the receiver to log data at approximately 250 milliseconds past the even second, e.g., 15.250 sec.

3 Which Data Formats Can Be Used with GPSurvey and TRIMVEC Plus

The Compact format is necessary if data reduction is to be done in GPSurvey, whereas TRIMVEC Plus can process either format.

If the data is in the Standard format and you want to process the data in GPSurvey, use the Compact utility. The Compact utility puts the data into a format that is readable by GPSurvey.

3.1 Where You Can Get the Compact Utility

The Compact utility can be downloaded from the Trimble FTP site or the Trimble BBS. The utility is included in the self-extracting file, NUCOMPCT.EXE.

The Trimble FTP site address is ftp.trimble.com. Note that the FTP site can be accessed directly from the Trimble Web site by going to www.trimble.com/support and clicking *FTP site* under *Support Toolbox*. The self-extracting file, NUCOMPCT.EXE, is located in the directory, /pub/survey/gpsurvey.