



5 P2 HEADER DIFFERENCE

This utility enables detailed comparison between the header records (including comment records within the header) of any two selected P2 files.

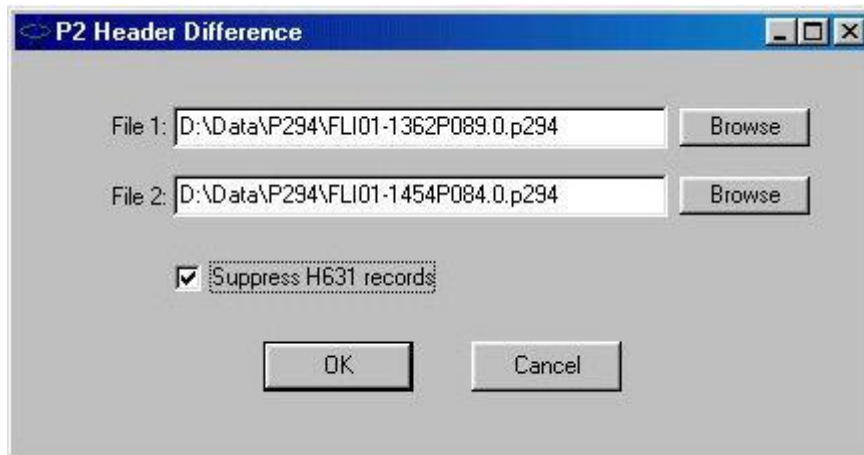
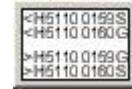


Figure 5-1

5.1 File selection

If only two files are to be compared they can be entered in the *File1* and *File2* fields.

Multiple files can be selected by selecting the files using the *File1 Browse* button. In this case the *File2* field can be left blank. When selecting multiple files the order of the comparisons is determined by the order of the file selection.

Important: Because of the way the Windows Open File dialog operates multiple file selection should be made by dragging a rectangle around the files to be selected or by using the *<Ctrl>* key and selecting the files in reverse order.

5.2 H631 Suppression

If the files are in P2/94 format the option to suppress reading the H631 records is provided by checking the *Suppress H631 records* checkbox. These records will usually be different as the initial ephemeris data for different survey lines will usually be different.

5.3 Execution

The selected files can be full P2 files including data records. Each file will be read only until the first data record is seen, i.e. file processing will stop as soon as a record is found which does not begin with H, C or L.



Click on the *OK* button to run the comparison.

5.4 Report

Once the comparison has run the report is displayed showing the differences between the two headers. By clicking the right mouse button on the report a popup menu will appear providing standard text processing functions.

The report is automatically saved to the Report folder under the Project Database Folder. The report file is named after the first and last files selected for comparison.

Differences will be shown as records (or groups of records) from the first file prefixed with "<" followed by the same number of records from the second file prefixed with ">". Records or groups of records unique to a file will have the appropriate prefix, "<" (first file) or ">" (second file) and will stand alone.

In the following sample report a line has been added to each file, and a group of 5 records are different:

File 1 (<) is: D:\Data\P291\file1.p2

File 2 (>) is: D:\Data\P291\file2.p2

< C0001 this line added to file 1

< H2310 550	1.0
< H2310 768	1.0
< H2310 958	1.0
< H2310 389	1.0
< H2310 452	1.0

> H2310 550	0.0
> H2310 768	0.0
> H2310 958	0.0
> H2310 389	0.0
> H2310 452	0.0

> C0001 this line added to file 2
