



TrapTester 5.2: changes to framework polygon import procedure

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The latest patch, 5.215, includes not only general bug fixes but also a new framework polygon import procedure which we hope will benefit users of both Petrel® and goCad®. In this newsletter, we outline the implications of these enhancements.

Once again, thanks to those client companies who collaborated with us to bring these enhancements for the benefit of all users.

Dealing with unstructured ASCII polygon data

Within the data manager we have updated the interface to reflect change in the way framework polygon files are imported.

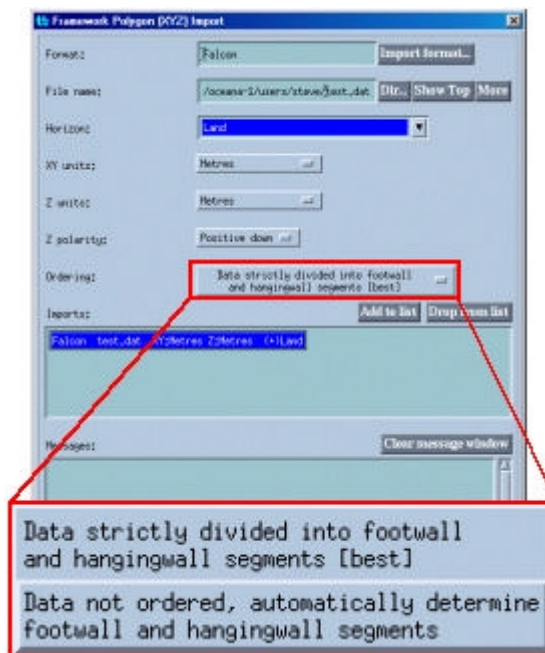
In the past, each footwall and hangingwall segment of a framework polygon had to be specified separately.

Now implemented within TrapTester is a more sophisticated algorithm that will take unordered data and automatically determine footwall and hangingwall segments.

For example, closed polygons exported from Petrel® can be imported directly. The method is more general and will attempt to reconstruct partial data such as unclosed polygons.

The changes to the interface are shown (right). To choose between the two import options, simply select from the list and proceed to specify the import format, target horizon and units.

We've also taken the opportunity in redesigning the interface so that it now includes a switch for z polarity.



Importing goCad® tri-mesh files: multiple faults and horizons

One of the restrictions of the old tri-mesh import was that only one fault and one horizon could be imported per file. TrapTester now permits the import of files that define multiple faults or horizons. The name and colour of the fault or

Please note that you will need to update to patch level 5.215 for this new feature. All

horizon object is taken from the information contained in the header data for each individual fault or horizon.

Recent Patches

The main enhancements to the patches since 5.210 (outlined in Newsletter 5 in May 2004) are included here for reference. Often problems encountered when using the software can be resolved by making sure the patch level is up to date.

If you have any questions or comments, please feel free to [contact us](#).

5.211 (12/05/04) Patch distribution

This is a minor patch distribution predominantly resolving bugs in the FaultED module.

5.212 (19/05/04) Patch distribution

This is a minor patch distribution predominantly resolving bugs in the Project Parameters and ASCII I/O system

Well Editor:

Creation of zonal attributes is now controlled through a dialog window which permits attributes to be created on a list-selection of wells/well-curves.

Data Manager:

Now has the ability to remove seismic cache data for a line/time-slice selection. This is implemented as an option in the Edit menu.

5.213 (01/06/04) Beta (restricted distribution)

4.214 (21/06/04) Patch distribution

This patch mainly introduces some significant enhancements to the OpenWorks interpretation link and improves the handling of variable trace-spacings in 2D seismic data.

OpenWorksI/O:

The direct interpretation link now has the following enhancements:

- 1) New import/export option form to control the manner in which fault segments are handled.
- 2) XY & Z-units now get defaults from SeisWorks project.
- 3) Fully featured progress metering with "stop" facility.
- 4) When transfer finishes it may be repeated with different data selections without needing to re-initialise.

Database interface:

The handling of variable trace-spacing 2D seismic and navigation has been greatly improved. Prior to this enhancement such data would not display seismic data in its correct location and point-query on a 2D section would not be accurate.

Volume Editor/GEOServer:

Support for additional structural attributes.

License System:

Adjustments to licensing model to permit TRIANGLE feature to be independently available.

Stress-Field Editor:

Improvements to textual information in GUI.

PlotViewer:

Additional statistical information included in legend. Legend can be "undocked" from base of plot and moved anywhere on the plot canvas using MB1-drag and re-docked by moving back to bottom of canvas.

PlotViewer:

Ascii export of frequency plot data now supported.

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