

Miscellaneous updates and enhancements 01-05-26

The new loading module has been enhanced after users provided examples of non-standard SEG-Y files that wouldn't load properly. There are multiple options that allow one to specify byte locations and data formats. The impact of changing any of these can immediately be seen in that the first 3 and last 3 input values are shown. Hopefully, your processor has provided you with a complete and accurate EBCDIC header.

Please select a SEG-Y input file and adjust the format if necessary.

SEG-Y

SEG-Y file

this is 3d data
 this is stacked data
 override byte order
 override trace sample format
 override number of ext. headers

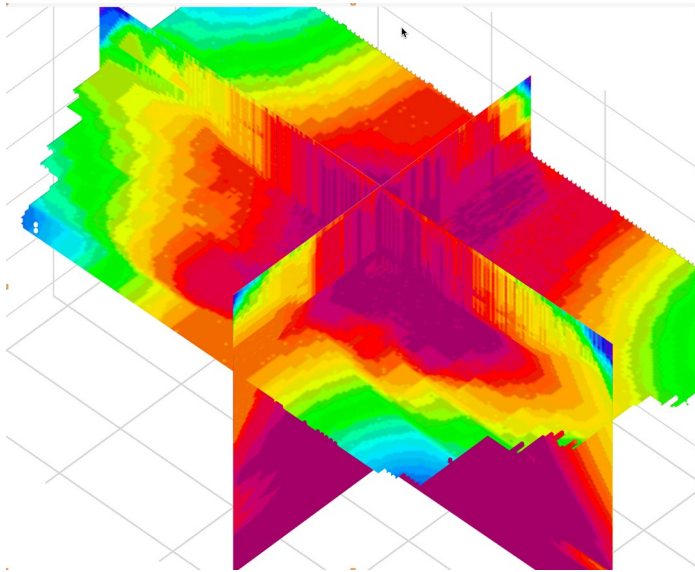
Trace headers

name	position	type	multiplier	values
cdpx	181	INT32	1.0	506103, 506103, 506103, ..., 507505, 507505, 507505
cdpy	185	INT32	1.0	1334976, 1334976, 1334976, ..., 1349449, 1349449, 1349449
gx	81	INT32	1.0	0, 0, 0, ..., 0, 0, 0
gy	85	INT32	1.0	0, 0, 0, ..., 0, 0, 0
iline	189	INT32	1.0	1, 1, 1, ..., 264, 264, 264
offset	37	INT32	1.0	330, 660, 990, ..., 12210, 12540, 12870
sx	73	INT32	1.0	0, 0, 0, ..., 0, 0, 0
sy	77	INT32	1.0	0, 0, 0, ..., 0, 0, 0
xline	193	INT32	1.0	4, 4, 4, ..., 31, 31, 31

For loading gathers, all you need is cdpx, cdpy, iline, xline, and offset. When you have questions, about your data, using the buttons to look at the various headers can be very helpful.

Another minor change is that the Colortable editor can now import color tables that are in the Seisware format. In the past, we found a NOAA colortable source which provided some of our colortables. If you find a source of colortables that you like, let us know and Filip may be able to quickly add an import function for that format. The colortable editor can be found under tools at the top of your window. Building and saving a colortable is a very straight forward process.

There is an enhancement to the cdp fold computation. Previously the output was limited to the maximum fold and produced only a grid. Now one can look at the fold variations with time. A useful option is to use the 3D viewer and show the horizon of interest with the fold shown on it.



There are a few other enhancements and I am sure I am missing some of the minor ones.

First, in the map view, the color bar is now detachable and moveable. By default, it shows up on the right-hand side of the map view, but it can be detached and moved within the window.

One can now change not only the color of the contours in map view, but also the label colors.

A major enhancement is the ability to save sessions for almost everything. With a specific window (stack, map, cross section, etc) open, one can set up the view to what one desires in that window and then click on the disc icon and you will be given the opportunity to save that view. The default name is the window name, the date and the time. If one has multiple windows open and wants to save them all, one should go to the main project window and click on that disc icon and all of the windows will be saved (default – session, date, time) and can be reopened. To reopen all of the windows or a specific window, one can click on the folder icon in the main project window for all saved sessions or on the folder icon in any window to see the list of saved sessions. As you can see, one could quickly have a huge list of saved sessions. To delete unwanted sessions, one can go to the top menu bar and click on sessions where one then has the option to delete all or specific sessions.