

Hampson-Russell A CGGVeritas Company

CE8/R2 Known Issues

(Last Revision: February 3, 2008)

This is the list of known issues that we are aware of in the CE8R2 release at this time. We plan to solve these as soon as possible. Please note that the Linux version initially compiled had problems. If you had installed this earlier pre-February 19 version, please replace it with the latest Linux version.

Product	Summary	ID
AVO Modeling	When modeling water saturation through systematic changes, the result leaks out at far angles.	1257
AVO Modeling	The Change Thickness option does not honor the Fixed Top or Fixed Bottom zone options.	1296
AVO Modeling	We get an error message that the log is "out of proper depth range" when calculating porosity in FRM.	1436
AVO Modeling	When entering transit times into systematic changes modeling, the program resets the measurement unit for S-wave data to velocity.	1661
AVO Modeling	The results of using a wedge model with zero-offset synthetics option were unsatisfactory.	1828
AVO Modeling	We have been requested to allow the specification of critical porosity and other Rock Physics Template parameters so you do not need to use logs.	1839
AVO Modeling	The creation or listing of Rock Physics Templates on pre-existing log cross plots does not work.	1869
AVO Modeling	By default, a synthetic output should set the CDP or inline-crossline number the same as the well location.	1947
AVO Processing	We have been requested to handle depth domain AVO Processing and AVO Modeling.	1126
AVO Processing	We have been requested to make an overlay of a time or depth map on an attribute map.	1162
AVO Processing	The offset scaling on arbitrary lines runs very slowly. It does not work at all for 2D lines.	1201
AVO Processing	Reading a large velocity file can hang the program. It is either slow or the memory runs out.	1599
AVO Processing	Processing on all platforms should make use of multiple CPUs.	1735
AVO Processing	We should add interpolation of seismic processing velocity when it is entered as a SEG-Y (or SeisWork) format for processes involving offset-to-angle transformation.	1835
AVO Processing	Clients want to input more than one RNMO table.	1927
Crossplot	We should add the capability of removing points inside the range specified in the filtering option window.	1571
Crossplot	There is a possible loss of cross plot zones and filters when editing zones in two programs (eLog and STRATA) simultaneously running the same project.	1961

Data Explorer	We should add an option to rename volumes.	1248
Data Explorer	The Geometry tab for multiple 2D lines is incorrect in the Data Explorer window.	2181
Data Explorer	The Geometry tab for a STRATA Model data volume is incorrect in the Data Explorer window.	2203
Well Exchange / GeoFrame	We must correct the confusing handling of time-depth curves transferred from GeoFrame.	697
SeisWorks Horizons	The program appears to hang when importing SeisWorks horizon.	1923
OpenSpirit Horizons	The program crashes trying to export horizons to OpenSpirit.	1981
SeisWorks Seismic	The SeisWorks Server (swsv) does not start up.	2260
Data Slice	The cursor tracking in the slice/attribute horizon display is unstable; the map in the inline-crossline domain does not display the data value.	684
Data Slice	The Data Slice Integrated Trace and Trace Length results do not make sense.	789
Data Slice	Cutting a slice on a cross plot may cause instability.	1203
Data Slice	Well bottom hole locations are not drawn in the correct position on the deviated path. Some wells are not drawn on the data slice.	1467
Data Slice	Deviated well paths are not drawn on depth domain data slices if there is no time-depth curve.	1487
Data Stores	We must improve the warning messages when the project permissions are insufficient.	496
GeoView	The log unit conversion does not support the conversion of P-Impedance units. Manual conversions will be needed.	1470
GeoView	We need an LAS Header Mapping table to handle standard curve and well attribute mnemonics.	1764
GLI3D	The SEG-Y output of a TOMO velocity model is unusable on the LINUX platform.	826
GLI3D	We need to check and improve the handling of OBC (Ocean Bottom Cables) data.	846
GLI3D	We need to make projects created on Linux systems portable to other platforms.	858
GLI3D	We need to investigate the applicability of more recent inversion algorithms.	895
Installation	The FlexLM License Manager and Imgrd daemon are not supported on SuSE 9.x Linux.	192
Installation	We need documentation on how our software affects user profiles.	1443
Installation	GeoView may fail to start because of "libgcc_s.so.1: version `GCC_3.3' not found" error.	2157
ISMap	Sometimes the program does not release the project after exiting.	1895
eLog	The program goes into an infinite loop when zoomed too far (on Linux or Solaris systems).	89
eLog	A single time domain log other than the P-Wave cannot be shown in the eLog Log Display.	1711
eLog	We cannot correlate a deviated well with a 2D line.	2187
Other	We may get incorrect trace and time scale; so the seismic displays are not properly scaled on the screen. The current system is only defaulted to a 100 dpi screen.	1963
Other	The program crashes when the test data directory has no write permission.	1996
Other	We need to improve the handling of the Seismic Reference Datum.	2183
ProMC	Using a newly loaded Velocity SEG-Y file for domain conversion may sometimes crash the program.	1893

SEG-Y File Handling	We need a better handling of errors for jobs with large data files that require large amounts of memory, disk space and time.	483
SEG-Y File Handling	We need to handle the SEG-Y new standard with a sample format code separating IEEE from IBM data.	1403
SEG-Y File Handling	We would like to load multiple SEG-Y volumes with different geometries at the same time.	1423
SEG-Y File Handling	We can have missing offsets from gathers, which may be related to the CDP and crossline values sharing the same header byte location.	1553
STRATA	We have no option for setting the seismic processing sample rate for simultaneous inversion.	1227
STRATA	The Parallel STRATA Batch does not start.	1595
STRATA	There is no Batch option for pre-stack inversion.	1863
STRATA	Multiple 2D lines cannot have a "dot" in the volume name.	2114
STRATA	We are missing the error plot for multiple 2D line inversion.	2127
STRATA	We cannot run a Pre-Stack Inversion for multiple 2D lines.	2186
STRATA	We cannot run an inversion analysis of a deviated well on a 2D line if the composite trace option of using a deviated path is selected.	2188
STRATA-like Modeling	We should fix the STRATA 2D Model building to handle TV table input in CDP format.	407
STRATA-like Modeling	There can be a model interpolation error when the processing time window of the model is too small and does not include all the modeled horizons. This usually happens when creating data slices for a model.	1990
Trace Plotting	We would like to have seismic display templates to select display attributes for each volume type.	1512
Trace Plotting	The + and – spyglass icons only zoom in and out of the Main Seismic window but not in and out of the Panner window.	1564
Trace Plotting	Improvements to the histogram display need to be made to add features like the mean and standard deviation.	1740
Trace Plotting	Displaying interval or RMS velocity, and angle background using external SEG-Y velocity volume just stopped somewhere in the middle of a 2D line.	2150
Trace Processing	Incorrect report of available disk space.	75
Trace Processing	We have received requests to set up a flow of processes and chain them together to run once, rather than run the individual processes separately.	295
Trace Processing	The spatial smoother may not work in a time-to-depth conversion.	1159
SeisLoader	SeisLoader sometimes hangs after finishing a process. The output is fine and it will be displayed correctly after reopening the project.	2050
SeisLoader	We must cancel the loading process if we want to edit different SEG-Y files in SeisLoader.	2213
Wavelet	We have an error in the statistical wavelet extraction process when using horizons for multiple 2D lines.	2136