

Hampson-Russell
A CGGVeritas Company

Release Notes - Software Release CE8/R4.3

(Last Revision: November 6, 2009)

Software Release Date: November 9, 2009

List of Products:

Product Name:	Features supplied for version CE8/R4:			Comments:
AFI	afi			Must also have AVO.
AVO	avo	geoview pro3d	elog	
eLog	elog	geoview		
EMERGE	emerge	geoview	elog	
GLI3D	gli3d			
ISMap	ismap	Geoview		
Pro4D	pro4d	geoview		
ProMC	promc	geoview		
STRATA	strata	geoview bstrata	elog	
GeoView	geoview	seisloader		Please read a disclaimer notice below.
		view3d		Please read a disclaimer notice below.

Product Name:	Licenses Supplied with Products														
	afi 3.00	avo 7.00	bstrata 7.00	elog 5.00	emerge 5.00	geoview 5.00	gli3d 8.00	glipick 8.00	ismap 6.00	pro3d 7.00	pro4d 3.00	promc 2.00	seisloader 1.00	strata 7.00	view3d 1.00
AFI	+														
AVO		+		+		+				+			+		+
AVO modeling		+		+		+							+		+
AVO processing						+				+			+		+
eLog				+		+									
EMERGE				+	+	+							+		+
GLI3D							+	+							
ISMap						+			+				+		+
Pro4D						+					+		+		+
ProMC						+						+	+		+
STRATA			+	+		+							+	+	+

List of New Features and Enhancements:

Summary

This is a patch release, containing rigorous bug fixes and some enhancements.

The Most Important Features:

1. View3D: We made improvements to view fracture volume displays. (#2802)
2. Geoview: We have improved log type mapping and log unit mapping. (#2405)
3. Seismic Data Handling: We added an option to allow data "scanning" and "binning" in one step when loading SEG-Y data. (#2583)

Details

Geoview

See also the [Third party data connections](#) section below for OpenWorks and GeoFrame well, log and tops handling and improvements.

1. We improved log type mapping and log unit mapping. (#2405)

eLOG

2. We corrected the conditional equality operation in the simple Log Math option. (#2800)

Fluid Replacement Modeling (FRM)

3. We corrected some parameter problems with the fluid graph display.

AFI

Nothing new this release.

AVO

AVO Analysis and Processing:

4. Offset Scaling now runs faster on arbitrary lines and works for 2D lines. (#1201)
5. We corrected the Pick Analysis display when using post-stack horizons with pre-stack Gradient Analysis. (#2767)

See also the [General](#) section below for seismic data handling and other general improvements.

AVO Modeling:

6. You can save the Rock Physics Template to the project, and keep the Rock Physics Template button alive when the cross plot window is retrieved from the project. (#1869)

See also eLog section above for more log curves related editing and FRM.

EMERGE

Nothing new this release.

See also the General section below for seismic data handling and other general improvements.

GLI3D

Nothing new this release.

ISMAP

Nothing new this release.

PRO4D

7. We solved the problem of the cross-correlation routine introducing artefacts in the time shifted results. (#2803)

See eLOG above for some items related to well log editing and FRM. See also the General section below for seismic data handling and other general improvements.

PROMC

8. Simultaneous inversion now accepts spaces in names.
9. We fixed a problem with input water saturation units.
10. We made improvements to data conversion handling.

See eLOG above for some items related to well log editing and FRM. See also the General section below for seismic data handling and other general improvements.

STRATA

11. We fixed a problem where the wavelet was being modified in amplitude during the inversion. (#2779)
12. The exported impedance error from inversion analysis now outputs correctly. (#2780)
13. The intercept with the vertical axis is now calculated correctly when designing the colored inversion operator. (#2787)
14. The directory path for the Exported Model is now handled correctly if it has spaces in it. (#2766)

See also the General section below for seismic data handling and other general improvements, and see eLOG above for some items related to well log editing.

GENERAL

Time-Velocity Table

15. The velocity background display now plots correctly when the first CDP number of the 2D line is greater than one. (#2773)

Seismic Data Handling

16. We added an option to allow data "scanning" and "binning" in one step when loading SEG-Y data. (#2583)
17. We now handle missing in-lines or cross-lines during SEG-Y data loading. (#2801)

Trace Processing

18. We corrected the application of lateral smoother for decimated volumes in the time-to-depth conversion process. (#2788)

Third party data connections

Well Exchange / GeoFrame

19. We upgraded Well Exchange to GeoFrame 4.4 on Solaris. (#2330)

View3D

20. We made improvements to view fracture volume displays. (#2802)

Hampson-Russell Assistant

21. We made more improvements and additions to the Help system.

FTP Download

The software installation images can be found at our ftp sites. Please visit <http://www.cggveritas.com/hampson-russell> for instructions and details.

CD and Package Labels

<i>Platform</i>	<i>Version</i>	<i>Date Label</i>
SUN / Sparc Solaris	CE8/R4.3	November 9, 2009
SGI / IRIX	CE8/R4.3	November 9, 2009
LINUX / Red Hat	CE8/R4.3	November 9, 2009

Supported Operating Systems are listed on the HRS Hardware Specifications page at http://www.cggveritas.com/data//1/rec_docs/812_HRS_Hardware_Specification_2008-12.pdf.

Note: Some modules are not available for some platforms. See the Compilation Dates table below, visit our web site <http://www.cggveritas.com/hampson-russell>, or contact our support staff for more details.

Compilation Dates

<i>Executable/Module</i>	<i>Solaris</i>	<i>IRIX</i>	<i>Linux</i>	<i>Windows</i>
AFI	Oct 16, 2009	Oct 17, 2009	Oct 16, 2009	Oct 16, 2009
Autocal(32-bit)	Oct 19, 2009	Oct 16, 2009	Oct 19, 2009	Oct 16, 2009
Autocal(64-bit)	Oct 19, 2009	Not Available	Oct 19, 2009	Oct 16, 2009
Backgroundservices (32-bit)	Oct 19, 2009	Oct 16, 2009	Oct 19, 2009	Oct 16, 2009
Backgroundservices (64-bit)	Oct 19, 2009	Not Available	Oct 19, 2009	Oct 16, 2009
AVO	Oct 16, 2009	Oct 17, 2009	Oct 16, 2009	Oct 16, 2009
eLog	Oct 16, 2009	Oct 17, 2009	Oct 16, 2009	Oct 16, 2009
EMERGE	Oct 16, 2009	Oct 17, 2009	Oct 16, 2009	Oct 16, 2009
GeoView(32-bit)	Oct 19, 2009	Oct 16, 2009	Oct 19, 2009	Oct 16, 2009
GeoView (64-bit)	Oct 19, 2009	Not Available	Oct 19, 2009	Oct 16, 2009
logdialog	Oct 16, 2009	Oct 17, 2009	Oct 16, 2009	Oct 16, 2009
GLI3D	Sept 23, 2008	Oct 9, 2008	Sept 23, 2008	Not Available
ISMap	Oct 16, 2009	Oct 17, 2009	Oct 16, 2009	Oct 16, 2009
ismapEmerge(32-bit)	Oct 19, 2009	Oct 16, 2009	Oct 19, 2009	Oct 16, 2009
ismapEmerge(64-bit)	Oct 19, 2009	Not Available	Oct 19, 2009	Oct 16, 2009
Pro4D	Oct 16, 2009	Oct 17, 2009	Oct 16, 2009	Oct 16, 2009
ProMC	Oct 16, 2009	Oct 17, 2009	Oct 16, 2009	Oct 16, 2009
SeisLoader(32-bit)	Oct 19, 2009	Oct 16, 2009	Oct 19, 2009	Oct 16, 2009
SeisLoader(64-bit)	Oct 19, 2009	Not Available	Oct 19, 2009	Oct 16, 2009
STRATA	Oct 16, 2009	Oct 17, 2009	Oct 16, 2009	Oct 16, 2009
strataBatch(32-bit)	Oct 16, 2009	Oct 19, 2009	Oct 16, 2009	Oct 16, 2009
strataBatch(64-bit)	Oct 16, 2009	Not Available	Oct 16, 2009	Oct 16, 2009
View3D (32-bit)	Not Available	Not Available	Oct 19, 2009	Oct 16, 2009

View3D (64-bit)	Oct 19, 2009	Not Available	Oct 19, 2009	Oct 16, 2009
swsv (SeisWorks) Emerald City R2003.12	Feb 20, 2009	Dec 11, 2007	March 4, 2009	Not Available
swsv (SeisWorks R5000)	Feb 20, 2009	Not Available	March 2, 2009 (32 bit), March 31(64- bit)	Not Available
WLEx (OpenWorks Emerald City R2003.12)	Oct 31, 2009	May 14, 2009	Oct 30, 2009	Not Available
WLEx (OpenWorks R5000)	Nov 3, 2009	Not Available	Oct 30, 2009	Not Available
WLEx (OpenSpirit)	Oct 31, 2009	Not Available	Oct 31, 2009	Nov 3, 2009
WLEx (GeoFrame 3.8.1)	Oct. 24, 2004	Not Available	Not Available	Not Available
WLEx (GeoFrame 4.0.2)	Feb. 1, 2006	Not Available	Not Available	Not Available
WLEx (GeoFrame 4.04)	Feb. 1, 2006	Not Available	Not Available	Not Available
WLEX (GeoFrame 4.2)	Feb. 1, 2006	Not Available	Feb. 1, 2006	Not Available
WLEX (GeoFrame 4.3)	Oct 13, 2008	Not Available	Nov 3, 2008	Not Available
WLEX (GeoFrame 4.4)	Not Available	Not Available	May 15, 2009	Not Available
OpenSpirit (well data support)	2.9.4, 3.1.1	Not Available	2.9.4, 3.1.1	2.9.4, 3.1.1
OpenSpirit (seismic data support)	2.9.4	Not Available	2.9.4	2.9.4
FLEXlm 32-bit applications	8.1b	8.1b	9.5.0	8.1b
FLEXlm 64-bit applications	9.5.0	Not Available	9.5.0	FLEXnet 11.4.0
FLEXnet License Manager (Hamp-Russ, and lmgrd package)	11.4.0	FLEXlm 8.1b	11.4.0	11.4.0
	Solaris	IRIX	Linux	Windows
Adobe (Acrobat) Reader is no longer included. If you need Adobe Acrobat, please see your IT department. Our help system is no longer in pdf format, but our tutorial guides are still in that format.				

Disclaimer for SeisLoader and View3D:

SeisLoader is one of the many new features added to the Hampson-Russell suite of software for the CE8 releases. However, we specifically limit the licensing of SeisLoader to the CE8 releases only, due to the nature of this product. Although we think you will find SeisLoader to be an excellent addition to our product line, with its simplified data loading, viewing, and ease of interpretation, SeisLoader is currently a prototype for the new seismic interpretation interface for all of our products.

We hope that you will use, enjoy and provide feedback on the interface over the coming months, and provide us with the information to refine the design and incorporate your ideas. The new seismic interpretation interface will be incorporated into our main product lines and SeisLoader as a stand-alone utility will not be in the CE9 release.

Similarly, View3D is a visualization tool which will be incorporated gradually into all our products.