PALEOSCAN™ 2020

Patch Notes

PaleoScan 2020.1.7

Global Seismic Interpretation Software

Eliis
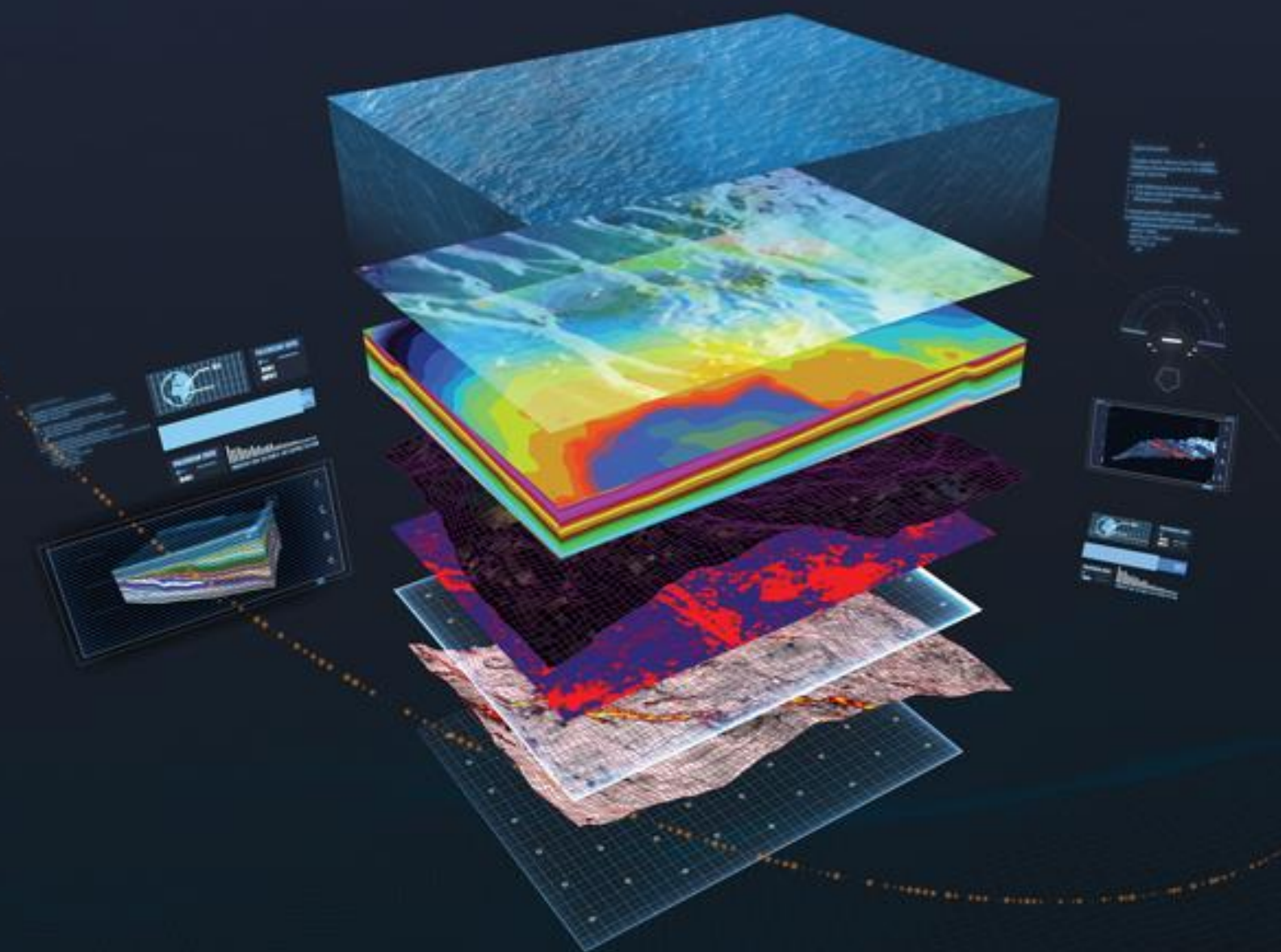
IMPROVEMENTS & FIXED BUGS/BEHAVIOURS version 2020.1.7	
Import	Fix of bug after importing a Seg-y where the seg-y file remained opened
	Fix of bug affecting the parameters applied to all inputs while importing multi-Seg-y
	Fix of instability at the shapefile import
	Fix of bug related to an undesired error message at the Horizon import without data (without 4th column)
	Fix of bug related to an undesired error message at the Gocad Horizon import
	Fix of bug at the seg-y import using the Vertical undersampling option
Export	Fix of crash while exporting outputs in folders containing forbidden characters
Sessions	Fix of instability related to the 2D line at the session opening
	Fix of instability related to the Geobody at the session opening
Platform	Fix of instability using the viewer synchronization when closing a synchronized viewer
	Fix of bug related to the Automatic Tile option affecting the 2D and 3D viewers
	Fix of bug related to object saving into created folder in the Project browser
	Fix of bug related to windows icons and 2D Line Set window titles in the Window List
Distance Measure	Fix of bug related to the anchor points of the Distance Measure tool
Calculator	Fix of output issue by using a 3D Model as variable
Blending Viewer	Fix of bug related to the color scale at the 2D line opening in Blending viewers
	Fix of 2D line compatibility issue due to a different vertical resolution at the opening in Blending viewers
	Fix of instability concerning the 3D channels color blending viewers
2D Line Set	Improved 2D line set properties linked to the object size
2D Line	2D Line intersection behavior changed to avoid intersection issue of 2D Lines with different spatial resolution
	Fix of bug related to the vertical resolution of the 2D Line output using the 2D Line Conditioning

2D Line conditioning	Fix of bug related to the vertical resolution of the 2D Line output using the 2D Line Conditioning
Model-Grid	Fix of instability in the Model-grid while using the Auto-propagation option
Horizon	Fix of bug losing mapped data after assigning a survey to a horizon
Horizon Stack	Fix of bug in the Horizon Stack Extraction tool where mapped data were lost after using the extraction tool
Fault	Improved Undo/redo action after using the fault split and merge options
	Fix of bug related to the picking preview while erasing picked points from attribute window
2D Fault	2D Fault picking optimization
Automatic Fault Extraction (AFE)	Improved tooltip associated to the stereonet in the Fault Plane attribute interface
Log Viewer	Fix of bug related to the Baseline in log template
	Fix of bug related to the log sampling type in log template
	Fix of display bug related to the Status bar associated to the log viewer
	Cross Navigation management from log viewer using the TVDSS as vertical scale
	Fix of bug avoiding the display of log composed of negative TVDSS values in log viewer
	Fix of bug concerning the objects intersection in log viewer while using the TVDSS vertical scale of the viewer
	Fix of bug related to the marker picking from the log viewer while using the TVDSS vertical scale of the viewer
	Fix of crash while customizing a Log with a Log Area while using the TVDSS vertical scale of the viewer
Well	Improved behavior at the well data import to better manage the well trajectory
	Improved behavior of created well opening without any associated data
	Fix of instabilities while using the Log Composite tool
	Fix of instabilities while using the Log Composite tool
	Fix of bug related to the well assignment while importing well data from an existing well

	Fix of bug related to the logs min and Max after deleting logs from the well data base
	Fix of bug in the well marker names where spaces were considered as special characters
Advanced Interpretation	fix of bug related to the volume input color scale in the Strati viewer
	Fix of bug associated to the 2D Model input while opening a 2D sequence in the Strati Viewer
Cross Plot	Fix of instability related to the classes of the Cross Plot tool
	Improved data classification methode using low amplitude values
Deterministic Inversion	Fix of bug related to the inversion using the recursive method
Velocity Modeling	Fix of velocity ribbon bug
GeoCellular Grid	Fix of keyword issue at the Geocellular Grid import/export
	Fix of bug related to the Geocellular Faults using the Geocellular Grid Extraction tool
	Improved the cancel action while opening Geocellular Grid containing faults
Python	Fix a crash in Python module while deleting a python package

IMPROVEMENTS & FIXED BUGS/BEHAVIOURS version 2020.1.6	
Well Data import	Added LAS 3.0 format at the Log import into PaleoScan™, including support for: • Multiple log sets • Multiple marker sets • Well trajectory • KB elevation • X and Y coordinates
	Improved detection of foot units while importing LAS files
	Add management of KB during import of 2.0 LAS files
Platform	Fix of bug related to object names display in all viewers
	Fix of bug related to the 3D object saving, when saving as 3D Polyline was inappropriately proposed
Session	Fix instability at project opening when using sessions
Export	Improved progress bar during SEG-Y export
Calculator	Fix of crash occurring when using logs as variable inside the Calculator
	Fix of crash occurring when using the preview with two volumes as inputs
Attribute	Fix inconsistency in the output folder while under-sampling 2D model or 2D Line Set model
	Fix of CRS bug at GeoModel Attribute computation when project CRS and input CRS were different
	Fix a computation issue for attributes with a computation window
	Editable preview size for all attributes
2D Line	Fix CRS bugs while using Vertical and Spatial splitting options of the 2D Line Conditioning tool
Polyline	Improvement of polyline saving during Arbitrary Line creation by avoiding polyline resampling
Fault	Improved Fault picked points display associated to high resolution data
	Fix a display bug of 2D Faults in 2D Line Viewer with different CRS
	Fix of bug occurring while creating 2D Faults from a 2D Line Viewer using a different CRS from the project one
Horizon Stack	Improved Horizon cropping during Horizon Stack generation from multiple Horizon Stacks
Model-Grid	Fix a bug making impossible to generate a 3D Model-Grid while using an input file bigger than the RAM
	Fix of bug related to the vertical boundaries of 3D Model-Grid creation. Horizons used as vertical boundaries were ignored
	Fix of crash that could occur during 3D Model-Grid creation
Well	Fix instabilities caused by Log data deletion
	Added an automatic trajectory creation during log import if no trajectory exists inside the Well allowing visualization of logs in the Log Viewer

Well Editor	Fix a bug related to the TVD start which was not used for deviation of type Incl/Azimuth
Log Viewer	Fix a bug related to the MDTVD/TVDSS/TWT values in the status bar of the Log Viewer
Wavelet	Fix a bug related to the Lag Time info message at Deterministic Wavelet creation
GeoCellular Grid	Fix a crash occurring when canceling the GeoCellular Grid opening
Strati	Fix a crash occurring when opening a 3D Strati Sequence inside a 2D Strati viewer when the arbitrary line was missing
Cross Plot	Fix a bug concerning loading, visualization and editing of saved classes
	Fix a bug related to the editing of classes created with the fixed rectangle mouse mode
Watertight Model	Data mapping action removed for Allan diagram
Reservoir	Fix a crash that could occur when dropping an input volume inside the Deterministic Inversion tool
	Fix a computation bug in the Deterministic Inversion tool causing a phase shift on the generated output

IMPROVEMENTS & FIXED BUGS/BEHAVIOURS version 2020.1.5

Data Access	Improved volume and Horizon Stack reading/writing through instable network
OpenWorks® Connector	MD and TVDSS depth types added to the Well deviation import into PaleoScan™
SEG-Y	Fix of instability while importing a 3D SEG-Y after adjusting the import options
Isochore	Fix of bug related to the Isochore map computation

FIXED BUGS/BEHAVIOURS version 2020.1.4

Settings	Unlimited Number of Threads used for computation
SEG-Y	Improved 2D/3D SEG-Y import with low resolution
Color Bar	Fix NaN value management in color bar
	Fix of bug related to the Color Bar in Volume blending viewer
Model-Grid	Model-Grid creation file access optimization
Geo-Model	Classic Geo-Model creation file access optimization
	Fix of bug when loading several inputs in the 3D Geo-Model computation from Horizon Stacks
	Fix of bug while including horizon inputs before selecting the volume input (Geo-Model from Horizons)

Horizon	Fix of bug related to the time map while editing a horizon
Horizon Stack	Horizon Stack creation file access optimization
	Fix of CRS bug assigned to the output of the Horizon Stack Creation tool from Horizons
Culture	Fix of bug related to the Culture saving
GeoTIFF	Fix of crash while saving Horizon as GeoTIFF containing Forbidden characters
Calculator	Fix of bug related to 2D Line input in the Calculator
2D Line	Improved 2D Line intersections display in the viewers
Strati	Fix of bug related to the overlay in the Strati viewer
GeoCellular	Fix of infinite loading when opening a GeoCellular Model in 3D view
Well	TVDSS scale has been added in Log Viewer
	Improved progress bar in Well/Log table
	Fix of bug while creating TWT/Depth logs without log set
	Fix of bug related to the well names display in the Arbitrary Lines along Wells interface
	Fix of crash in Well/Log Table after deleting T-D relationship and switching CRS
	Fix bug deleting Deviation when importing a Time-Depth Relationship
Python	Correction in the Fault Set script in the Python documentation
	Fix the PaleoScan version number in Python
	Fix of crash while adding attributes in PaleoScan using the Python editor

FIXED BUGS/BEHAVIOURS version 2020.1.3	
Well	Fix of bug affecting minimum curvature (dip/azimuth) deviation

FIXED BUGS/BEHAVIOURS version 2020.1.2	
Well	Fix of bug related to the CRS and the trajectory of wells
	Fix of bug affecting minimum curvature (dip/azimuth) deviation
Ghost	Fix of crash while using the ghost tool on color blending viewer
Domain Conversion	Fix of bug while generating the XL volume of a converted volume
	Fix of bug while using the domain conversion using the foot unit

Horizon	Fix of bug associated to the manual horizon picking mode where all points remained connected
3D Sculpted Cube	Fix of instabilities while using the 3D Sculpted Cube tool
GeoTIFF	Fix of crash while including special characters in the GeoTIFF saving
3D Viewer	Fix of instability in the 3D Object list

FIXED BUGS/BEHAVIOURS version 2020.1.1	
Import	Fix of crash in 2D Line import process using CRS option for multi inputs.
	Fix of RAM issue while importing Seg-y data.
CRS	Fix of bug related to the CRS creation from some WKT definitions.
Ghost tool	Fix of bug related to the Ghost tool used on 2D Lines.
3D Viewer	Fix of bug associated to the 3D Viewer vertical domain selection.
3D Cube	Fix of issue related to the anchor points of a 3D Cube.
3D Sculpted Cube	Fix of issue using the 3D Sculpted Cube tool with specific horizon as input.
Model-Grid	Fix of instability in the patch erasing while using the undo option.
	Fix of bug related to the 2D horizon area in the 2D Model-Grid environment.
AFE	Added decimal to the Minimum Thinning Value while extracting faults for a better control of this parameter.
Calculator	Fix of bug associated to the functions applied with 2D Lines variables.
	Fix of bug related to 2D Line variable using the viewer synchronization option.
Horizon Stack	Fix of Cross navigation issue while generating a Horizon Stack from Horizons.
Horizon	Fix of issue in Horizon Truncation tool using specific horizon as input.
Horizon	GRV tool Improvement: - Added column in the GRV table corresponding to the Volume computed for each Z vs the cumulative volume. - Improved exported CSV file.
Deterministic Inversion	Fix of bug related to inputs with different survey.
Well	Fix of instability while adding well markers to the seismic display.
	Fix of bug related to the TVD Start value in the Well Editor.
	Fix of bugs in the TWT and Depth logs creation tool: - From wells without Time-Depth Relationship, From wells with Log Set and deviation defined in different units.
Well-Tie	Fix of bug in the Well-Tie process after assigning invalid T-D relationship.

Domain Conversion	Fix of bug of the conversion of Model-Grid horizons.
	Improved formulas display in the Velocity Modeling interface.
	Fix of bug linked to the spatial resolution of the different inputs.
	Fix of bug while using the domain conversion using the foot unit.

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