

# Surfer 9 Version Info

## Surfer 9.11.947 (August 25, 2010)

- Fixed a problem introduced in version 9.10 in automation where GridData and GridData2 methods would fail with "not a valid grid export format"

## Surfer 9.10.939 (August 20, 2010)

- The &, <, and > symbols in XLSX files appeared as HTML markup language (&gt;, &lt;, and &amp;);
- XLSX reported incorrect vlookup function results when the worksheet was opened
- Surfer crashed when exporting a rotated map to a DXF file
- Exporting maps with blanked edges to a DXF file would result in lines along the edges of the map in the exported file
- PRJ file was incorrectly created when saving to an ADF grid file
- Base maps were redrawn incorrectly after turning some layers on/off
- The Y values in BIL files were not read correctly
- Surfer crashed when importing some DXF files
- Surfer crashed when exporting base maps with large polygons to BLN format
- X and Y coordinates (lines 5 and 6) were imported from and exported to ESRI World files for the corner of the upper left grid cell instead of the center
- Rotated metafiles were copied/pasted with bad quality
- Partially transparent maps were exported to metafiles and copied/pasted with bad quality
- Surfer crashed when importing a TIF file that had a combination of tiled pixel organization and CCITT encoding
- Some SHP files could not be imported, an unrecognized or invalid shape type error occurred
- Dates in MDB files were imported as Julian dates into the worksheet
- Some images with YCCK color format were incorrectly converted to CMYK, and hence RGB when being imported into Surfer, with the result that the black portions imported as white
- Surfer would issue error when exporting some base maps to image format (GsDraw error (2): Invalid Parameter, Module GsDraw, File .\RendererGDI\GdiUtil.cpp, Line 471)
- Surfer sometimes crashed when drawing the preview in E00 import dialog
- Setting an icon shortcut to use a custom SET file did not work
- Antialias was turned off when in Full Screen mode
- The view location shifted from the original view when in Full Screen mode
- Grid Sliced crashed Surfer when there was insufficient memory for the grid
- Trying to save a grid in ASC format via automation would result in an error "Parameter 3 must be >= 1 and <=18"
- Could not set labels to negative offset position when Plane was set to Screen
- Surfer crashed when trying to save an invalid grid file
- Updated and corrected many items in the Automation Help
- Contour labels and text in base maps were incorrectly exported to MIF, CGM and GSI formats as polygons

## Surfer 9.9.785 (March 26, 2010)

- The "File type not recognized!" error occurred when loading a data file with specific data import options
- Surfer crashed or provided incorrect Z values when creating maps from GeoTIFF DEM files in Motorola format
- UTM to State Plane coordinate system conversions were incorrect
- The version number format reported with the Help | Feedback commands were inconsistent with version number
- Home Products Services Support About Us Register Downloads Demos format under Help | About Surfer
- Surfer sometimes crashed when being shut down
- Surfer sometimes crashed if you would use Edit | Undo multiple times for a large map
- The base of the symbols in a vector map would be drawn as diamonds instead of circles
- Surfer crashed if an invalid grid was loaded in the Grid Node Editor
- Surfer crashed when opening a very large grid file
- ESRI Binary Grids (ADF) were not imported or saved correctly (XYs should have been shifted half a grid cell)
- Surfer did not issue a warning when saving a grid without square cells in ESRI FLT format
- Using "Treat Consecutive Delimiters as One" when importing data puts the data on one line if the line started with the delimiter. This caused other problems with importing data with specific data import options
- Surfer crashed when importing a DXF file that contains a polygon with less than 3 vertices
- Surfer crashed when importing a DXF file with either an invalid font or a font with a long name
- The Symbol font was not displayed correctly in exported WMF files
- Surfer crashed when exporting a rotated map to a DXF file
- GSB export incorrectly rendered text
- The datum for the DHDN coordinate systems was updated to DHDN (Bursa-Wolf)
- Surfer would allow the user to attempt to open a DOCX file
- Surfer sometimes crashed when exporting a PDF file
- Automation: The Open2 import options UseFixedWidth and ColumnBreaks weren't working
- Automation: "Unknown worksheet import format" error encountered when loading some data files
- The Transform equation calculation was incorrect when dividing numbers

## Surfer 9.8.669 (December 22, 2009)

- Surfer now prints to the printer using the printer driver page size
- Surfer would sometimes crash after changing the map frame properties and went to Undo

- Vertices were not added to the end of a line or polygon correctly when using the Reshape command
- Added GSI export
- Entering a new Output Grid File name in and pressing Enter did not save the name in the Grid Mosaic dialog
- The LVL file format was incorrect
- Surfer would sometimes crash when dragging axes between map frames
- Importing BLN files with small numbers may generate "Unhandled STL Exception" error or crash Surfer
- There were problems exporting a Surfer project to EMF or when copying/pasting into other applications (i.e. MS Word or PowerPoint)
- Some items, such as post maps, could be missing when printing to a PDF file
- Incorrect grid parameters were stored when converting or saving a GRD to the same folder as an ADF
- Polygons were in some cases converted to polylines when exported to vector file formats
- An error was generated when importing an ERS file with NAN values
- Points in a base map were exported incorrectly to BLN format
- Opacity was not applied to color images used for fill patterns
- A GsDraw error occurred when opening Surfer 9 SRF files with embedded images under Windows 7
- Some image fills showed black dots under Windows 7
- Offset values for image fill patterns did not work
- Previewing some fonts generated a GsDraw error
- Surfer sometimes crashed when importing DXF files
- Surfer crashed instead of issuing an error when attempting to load corrupt SDTS DEM files
- Text pasted as a metafile or picture appeared bold and fuzzy
- Rotated ellipses were not converted to polygons when exported to MIF, and so lost the rotation
- Colors were incorrect for image patterns when the foreground or background color opacity was <100% under Windows 7
- A Bad or unknown file format error was generated when opening some CSV files
- Exporting a PDF file padded the export by 0.5" on all sides
- Some objects in a metafile (such as stretched text) was not imported correctly when the "Break Apart Metafiles" option was enabled
- Copying the content and closing the Statistics Results window and then closing Surfer would cause a crash

#### **Surfer 9.7.543 (September 22, 2009)**

- A problem was introduced in version 9.6 where using Edit | Undo would sometimes cause a crash or not perform the Undo
- Using a font face that was longer than 31 characters could cause a crash

#### **Surfer 9.6.532 (September 15, 2009)**

- Alt+E+U keyboard shortcut was added for Edit | Undo
- Blanked cells in a grid were not converted to the Surfer blanking value when the grid was converted to a Surfer 6 Binary or Text grid
- Surfer crashed when opening some SRF files
- Spline smoothing sometimes caused blank areas to become unblanked and other areas to be filled with random data
- The "Use Data Limits" setting in the Colormap dialog for surface maps reverted to default values each time the grid was reloaded
- The Object Manager would not always redraw correctly when the Surfer window size was changed
- Lines of data were not separated correctly when saving a grid as a DAT XYZ file
- Surfer crashed when attempting to open an SRF file and there was not enough memory
- The red crosses of previously digitized points were removed from the map when the window was redrawn
- Drawing the first symbol in a Surfer project took too long for the symbol to appear on the screen
- Some imported metafiles showed the image upside down if "Break Apart" was selected
- Underline and strikeout lines for leading or trailing spaces were not being drawn
- Filled contours exported to a SHP did not import correctly into ArcMap
- Z values in Geosoft grids were being rounded to integers
- Automation export of a bitmap did not maintain the aspect ratio with KeepAspect when you specified the Height
- Surfer could not import Geosoft binary grids if the data type was set to "double"
- Surfer crashed after deleting cells in the worksheet and then going to Data | Transform
- 1-bit color depth images imported with negative colors or an irregular canvas size
- BNA files with points imported at 0% opacity
- BLN files with only points could not be imported
- Grids were created incorrectly when Duplicate Filtering was set to something other than First.
- Opacity was not exported to EMF
- Lines would always export to image files as thin lines, regardless of their width in Surfer

#### **9.5.510 (August 27, 2009)**

- Vertical or horizontal polylines did not respond to changes in the Position/Size toolbar
- The Y coordinates for imported ERS files were not calculated correctly
- The Grid Information report took a long time to display
- The Grid Information report was saved as a GRD instead of RTF
- Surfer appeared to hang when gridding large data sets
- The Data Export Options were not always followed when saving a data file from Surfer's worksheet via automation
- Stretched image patterns were not rotated when the objects they fill were rotated
- Surfer would crash when clicking the Statistics button in the Grid Data dialog
- Some DXF files would import with lines placed incorrectly, or smooth lines would become angular

#### **9.4.500 (August 21, 2009)**

- Creating a grid report when gridding a large file generated error
- Changed the default path behaviour so that it uses the default path initially, and then if the folder is changed while working, subsequent opens will use the changed folder path

- Some printers would only print a small portion of the project, or would only print to a particular page size even if another page size was selected. Email [surfersupport@goldensoftware.com](mailto:surfersupport@goldensoftware.com) for details
- When the default fill pattern was changed to a loaded image, the pattern was not saved causing errors when Surfer was next started
- Automation: SetSymbolScaling method could not use any column but C as the HeightCol
- ESRI Float (FLT) grids were not imported or saved correctly (XYs should have been shifted half a grid cell)
- Surfer crashed when undoing edits to a 3D wireframe map
- Surfer did not import all ERS files correctly
- The status bar did not update when resizing using position/size toolbar
- Surfer now takes ownership of GRD extension if not previously associated with another application, or you can change GRD association to Surfer Grid if desired
- Surfer crashed when attempting to export a file with no extension (\*.\*)
- Polygons (such as filled contours or rendered text) were being exported to SHP with horizontal lines
- Internal Error was generated when importing some DXF files
- Out of memory error occurred when zooming in on large polygon filled with image pattern
- Out of memory error occurred when printing SRF files that contained large areas filled with an image pattern
- Invalid Parameter error occurred when exporting large areas filled with an image pattern to EMF
- Surfer would occasionally crash when exporting a file to a Vector PDF
- Some text imported from DXF files were displayed and printed with the letters stacked on top of each other
- Surfer crashed when exporting some files to an image format in 8-bits/pixel color depth
- Surfer crashed when importing some base map files (ie. DXF) that contained custom or dashed line styles
- Some EMF files imported as a thin line when "break apart" metafile was selected
- Importing some EMF files caused an Internal Inconsistency error
- Importing some EMF files resulted in the images being flipped in Y direction
- Contour fill and some base maps are not draped on 3D wireframes but displayed as 2D planes

### 9.3.451 (July 10, 2009)

- The maximum number of data points allowed in Kriging and Radial Basis Function gridding interpolation with "all data" (i.e. no search) was increased from 750 to 10,000.
- Planar Regression calculation was improved when using large numbers, such as UTM
- An error occurred when using Logarithmic AutoFit variogram
- Image base maps were not clipped correctly when exported to Vector PDF
- Surfer would crash when importing some DXF files with dashed lines
- Generic Error was sometimes generated when opening SRF files created in previous versions of Surfer
- Generic Error was sometimes generated when importing some DXF files as base maps
- A line around the blanked areas in a contour map was printed to a PDF file
- Surfer would crash after undoing a change to the map scale suffix
- Using a non-GRD file in any grid operation caused Surfer to crash when you would click the yellow open folder icon to browse for the Output Grid File name or location
- The text was missing from some imported MIF files
- Surfer generated errors when attempting to save a grid in the ESRI ASCII grid file format
- The default contour label format settings in the surfer.set file were not applied
- Undo Import sometimes caused Surfer to crash
- Colormap dialog did not set Presets box to Custom immediately after making changes
- Surfer would crash when editing class post map symbols
- Importing some TIF files generated an error saying the TIFF file contains an unrecognized image format or the file is corrupt
- Surfer would crash when closing the plot window when the Trackball tool was still active
- Surfer would crash when opening ESRI Arc/Info Binary Grid files (\*.ADF)
- Automation: File compression error sometimes occurred when exporting to GIF
- Copying and pasting data from the Surfer worksheet was not delimited properly
- Surfer will issue warnings when importing DEM files with incorrect header information instead of failing the import
- ESRI ASCII grids were not imported or saved correctly (XYs should have been shifted half a grid cell)
- SHP files exported from the Map | Export Contours command would not open in ArcMap
- BLN files saved from the Digitize command were missing a line feed when opened in Notepad
- Reduced the amount of memory needed to open older SRF files containing an image, this should reduce the number of "Out of Memory" and "Invalid Parameter" errors received when opening older files
- Embedded image was the wrong size when exporting an image base map to DXF
- Sheared text copied to the clipboard did not paste correctly in all applications
- "GsDraw error (2): InvalidParameter" error occurred when importing a DXF file that was missing its associated external image file
- Increased the timeout to avoid "The operation timed out" error when using the Check for Update command
- Polygons exported to a SHP were missing the last line segment when "Write Areas as Lines" was enabled
- Polygons that were filled with tiled picture patterns had extra lines around each tile
- Surfer sometimes crashed when using an XLSX file to create a post map
- ESRI Arc/Info Binary Grid files (\*.ADF) saved from Surfer would not appear when imported into ArcMap
- Internal Error sometimes occurred in the worksheet when saving a file

### Version 9.2.397 (May 18, 2009)

- Automation - Data export options were not followed
- Inconsistent selection when selecting a rotated map
- Very large bitmap / raster exported with artifacts
- Line end styles were not allowed in base maps
- S9 CSV files were larger than S8 CSV files
- Infinitely long selection box was created when post map had Angle column specified

- Added support for CCITT compressed TIF files
- NULL objects in SHP files caused problems when importing
- Spin button changed number of decimal digits in some numeric edit controls
- VTK import filter caused crash when reading multi-component data into a grid
- Pasting images from clipboard into fill pattern dialog caused crash
- Some MrSID files were not imported in the correct coordinates
- Grid Math function would generate error when using the combination of ==
- Generic Error often occurred with older SRF files
- Surfer crashed when exporting raster image using the maximum width
- Added ability to install Surfer via Microsoft's Group Policy Manager
- Forward Slash/Backward Slash patterns were misplaced
- Modified the mouse wheel code in the grid and plot windows to allow mouse wheel scrolling (in addition to the existing zoom functionality)
- Some GeoTIFF files were not imported in the correct coordinates
- When a vector PDF exported from Surfer was opened in Acrobat and zoomed in, it would sometimes disappear
- When a vector PDF was exported, the contour map colors may be wrong or there may be missing objects
- Improved memory handling when converting the projection of large data sets
- Closing the plot window while the Edit Post Labels tool is active caused crash
- Bounding box size was sometimes incorrect
- Altering post map properties caused crash when there were custom post map label positions
- Could not open an empty DAT file in the worksheet
- The Grid Open dialog did not display the Format field in the "Grid Info" area for most grid files
- Exporting at high DPI (pixel numbers) caused portions of maps to not be exported
- Importing some EMF files with Break Apart enabled caused errors
- In Grid Math, the Output Grid format was whatever format is selected as the Input Grid format
- Users were prompted to adjust map limits when reordering map layers
- Changing an input grid, and undoing the change, caused errors and crash
- AutoRun was updated for Vista UAC support
- Added ability to display the Symbol Size up to 3 significant figures
- User Defined label position precision in a post map changed from three decimal places to two
- Importing some DXF files caused crash
- GSB point objects were imported using incorrect symbols
- Error occurred opening TIF files using compression mode 7
- Missing wks.ini prevented Surfer from starting up
- Errors during polyline export to various vector formats
- Incorrect output with MIF format export
- Errors when exporting symbols to various vector formats
- Pen color and line width in exported DXF was incorrect
- Text in exported MIF was stroked and filled, often with wrong color
- Embedded bitmaps were too large when exporting 3D Surface to DXF
- Multiple errors regarding an invalid bounding box occurred when exporting to vector format
- Added compound polygon support in BLN filter
- Background fill for text properties now fills the entire text bounding box
- Added support for ESRI ArcView GRD
- Added ability to import and export DXF files containing images

#### **Version 9.1.352 (April 8, 2009)**

- Edit | Undo map scale for base map did not reset text size
- Limits were updated after changing map properties
- Map was not redrawn to new size when updated with new grid file.
- Image map was blank after switching grid files
- GSB export or import failed
- Automation – The example script Export2Base.bas doesn't work in Surfer 9.0
- Automation - Could not open a particular sheet in an XLS workbook and grid it via a script
- Automation - Added ability to specify XLS sheet (AddClassedPostMap2, AddPostMap2, AddVariogram2, CrossValidate2, GridData2, GridResiduals2, SetInputData2)
- Automation - Import2 and Export2 methods were added to take advantage of the new FilterId parameter
- Automation – Added ability to export 2D and 3D SHP files

#### **Version 9.0.343 (March 31, 2009)**

- Surfer 9 released.