Minex

Release Notes

Last Modified: Tuesday, 17 October 2017

ᴆS GEOVIA

Minex 6.5.3

Enhancements

Core

- **Improved predictive text usability on the String - Create form**

  On the *String > Create > String - Create* form, the **Group**, **Map**, **Ident**, and **Class** fields use an improved predictive text feature, that is, when you enter a character, any existing names in the geometry files that begin with those characters are displayed, regardless of the case. If you are creating a new name, the case of the characters that you enter are retained.

- **New check box to accurately generate average sample distance grid**

  On the *Grid > Compute > Grid Compute* form, you can use the new **Include All Samples for Kriging Within Grid Scan Distance** check box to include all samples for grid generation, even if the variogram range is less than the grid scan distance. Now, the average sample distance grid is accurately generated.

- **New version of Geostatistics**

  Minex is now integrated with Geostatistics version 6.8.

- **Grid manipulation now uses existing grids description on save**

  During grid manipulation on the *Save Grid* form, when you select a grid from the **Grid** list, the **Description** field now displays the description of the existing grid.

Underground

- **New report field in the UG Schedule Detailed Report**

  When you use the **UG Schedule > Reporting > Schedule Detailed Report** command to generate a UG Schedule Detailed Report, a new report field called **Mined Thickness** has been added to the report to display average seam thickness for each panel that has multiple seams.

Licensing

- **New version of Network Licence Manager**

  Minex has upgraded to the latest version of Network Licence Manager which uses **.licz** files to read and validate the licence. Previously, you had to manually validate licences, but the use of **.licz** file has now automated the process.

Issues Fixed

Core

- **DD names from a previous project were carried over to a new project when switching between projects**

  When you switch between projects or change the project directory, Minex now displays only DD names from the current project in the **Runtime** tab.

- **During grid masking, portion of the mask had null values for masks outside the grid origin**

  On the *Grid > Edit > Grid Edit* form, when you select the **Mask Outside** option to convert all mesh points to a specified value and if the mask polygon has a portion outside the grid origin, the new grid will not have values set to null. A complete grid is now created inside the mask area.

- **Error message was misleading for Triangle Patch and Cut command**

  When you use the **Triangle > Patch and Cut** command for triangles that have multiple boundaries or gaps between edges, an updated and informative error message appears.

- **In Graphics Capture, Minex did not save the correct layer name when exporting to .dxf file**

  On the *Graphics > Graphics Capture* form, Minex now saves the correct layer name when exporting to **.dxf** file. On the *File > Import > Import DXF/DWG* form, you can verify the correct layer name by selecting the **.dxf** file, clicking **Scan File**, and then clicking **Ok**.

- **All files and folders in the Minex Explorer pane were removed unexpectedly**

  Previously, when you created a new file that had a project path length that exceeded the Microsoft Windows 256 character limit, all files and folders in the **Minex Explorer** pane were removed. Now, a warning message appears to notify the character limit has been reached, and the folder and files are retained.

- **New polygon did not retain points when projecting a mask and boundary string**

  You can use the **String > Move > Project and Offset** command to project mask and boundary strings accurately, with all original points retained by the new polygon.

- **Hidden strings became visible when using string break function for a boundary or mask string**

  When you use the string break function, the hidden strings are no longer visible for a boundary or mask string.

- **Line contour grid ends were not closed when plotting contours with no annotation**

  On the *Mounts > Plan > Plan - Line Contours - Grid* form, when you clear the **Anno** check box and then plot contours, the line contours displayed in the **Drafting** window are closed and displayed correctly. The limit for the **Plot Increment** field in the **Annotation & Default Display** tab on the *Mounts > Plan > Plan - Line Contours - Grid* form is now 0.001.

- **When you plotted geometry data, the annotations were plotted outside the draft mount window**

  On the *String > Geometry Display* form, when you select the **Annotation (Structure)** check box, the annotations are now plotted correctly within the draft mount window.

Borehole

- **The position of the borehole plot symbol for inclined boreholes did not change in the Drafting window when you selected a different seam**

  When you plot borehole plan locations for inclined boreholes for a single seam and then you select a different seam, the borehole plot symbol now changes its position according to the seam intersection. Additionally, the trace path is more accurate and has improved precision.

- **The ALL check box was listed twice when you select the Close Hole Exclusion check box for boreholes**

  On the *BoreholeDB > Select Boreholes* form, when you select the **Close Hole Exclusion** check box in the **Advanced Selection** tab, the **ALL** check box in the **Hole** table of the **Select by Name and Type** tab is now listed only once.

- **BoreholeDB Data Existence Report did not report boreholes without data**

  On the *BoreholeDB > Report > Report Sample Data* form, when you select the **Data Existence Report** option, the **Ignore Holes with no Data Loaded for Nominated Variables** check box is now available and the **Data Existence Report** also reports boreholes without data.

- **Display of the borehole plan location on a mount plan in the Drafting window failed after displaying the Borehole Seam Data Report**

  After you generate a **Borehole Seam Data Report,** when you plot a borehole plan location on a mount plan, the borehole locations are now displayed correctly in the **Drafting** window.

Dump

- **Minex did not accept negative coordinates while using dump scheduling scenario manager**

  On the *OP Dump Schedule > Scenario Manager* form, Minex now accepts negative coordinates in the **Location** fields of the **Waste Piles** tab.

Seam Modelling

- **Error message appeared in Bore Seam Modelling when you select the Seams below a surface from the Set Seam Thickness to Zero list**
  On the *SeamModel > Bore Seam Modelling* form, when you select the **Seams below a surface** option from the **Set Thickness to Zero** list, the error message for a missing grid no longer appears.

Open Pit

- **OP ReservesDB Detailed Report was not saved with the correct extension**

  When you save a **OP ReservesDB Detailed Report** file, Minex now adds the extension according to your choice and the error message no longer appears.

- **Schedule Detailed Report reported dates in YY format**

  On the *OP ScheduleDB > Reporting > Schedule Detailed Report* form, you can now use the **Report Date with 4 Digit (YYYY) Year Format** check box to report dates in YYYY format.

- **Error message appeared for equipment movement when file path exceeded 100 characters**
  When you use a sequence file for equipment movement with more than 100 characters in the file path, an error message no longer appears. But if the file path exceeds 256 characters, a warning message appears.

- **Incorrect pit number was generated when exporting pit and dump coordinates for reserves with different pit number in geometry**
  The **OP ReservesDB > Export > Export Pit/Dump Coordinates** command now generates a **Pit Geometry Coordinates Report** with the correct pit numbers for reserves with different pit number in geometry.

- **For an organised project, the browse dialog for Layer File on the Edit Codes and Layers form did not direct to the correct folder**
  On the *ReservesDB > Initialize > Edit Codes and Layers* form for an organised project, when you click the ellipsis button, you are directed to the correct folder.

- **OP ReservesDB Detailed Report reported coal layer as waste layer**

  The OP ReservesDB Detailed Report now correctly reports the coal layer as coal layer.

Underground

- **Equipment Sequence Report reported dates in YY format**

  On the *UG Schedule > Reporting > Equipment Sequence Report* form, you can now use the **Report Date with 4 Digit (YYYY) Year Format** check box to report dates in YYYY format.

- **Incorrect error message appeared when you performed pillar update function**

  When you perform compute reserves or pillar update function and use the *UG Design > Build > Panel Create/Edit* form to digitise a panel, now a correct error message appears, which prompts you to correct the centreline according to the guidelines suggested in the output window.

Documentation Changes

Core

- **Updated help for MIN operation in Grid Arithmetic**

  In the help section for *Grid > Arithmetic* form, a tip has been added to get the correct results for **MIN** operation between two input grids.