



SORT AND CONTOUR EDITING IN SBMAX64

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In the HYPACK 2022 version, you are now able to create and edit Sort and Contour files in SBMAX64. The new functionality is similar to that of Sort and Contour in the Magnetometer Editor and is designed to streamline the process from survey data to Sort and Contour data.

Accessible via the File->Sort menu after you have loaded a survey, a dialog box allows you to pick what settings you would like to use. The same options are available as in the Magnetometer Editor, and if you have opened the project before then your previous settings will be loaded.

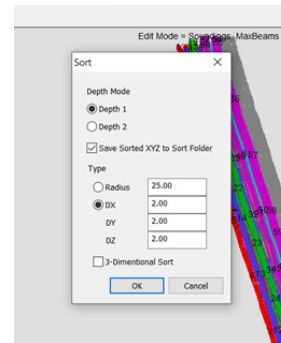


FIGURE 1. Sort Dialog Box Settings

Once "Ok" is selected, and you have chosen a file name for the XYZ data if you opted to save it, the newly created sort file will be drawn in the window.

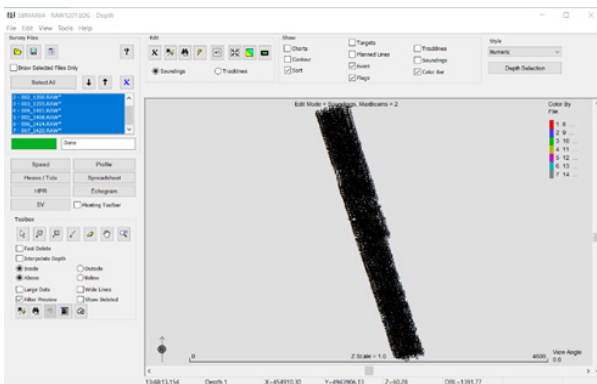


FIGURE 2. Sample Sort Chart After Being Drawn

The program allows you to change your sort file as many times as you would like, and if at any time you no longer want the drawing to be visible, simply click the check box next to "Sort" in the "Show" section of the editor bar at the top.

If you would like to create a contour file you are able to go straight to the final step without having to take the time to create a sort file separately. Navigate to the File->Sort & Contour menu and the same Sort dialog box will pop up. After completing your desired settings, clicking "Ok" opens the Contour dialog box this time.

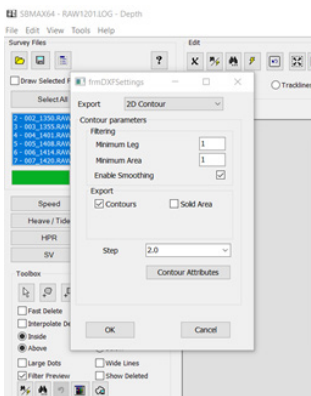


FIGURE 3. Contour Dialog Box Settings

Change the settings so they fit your requirements and after "Ok" has been clicked the window will show your contour chart.

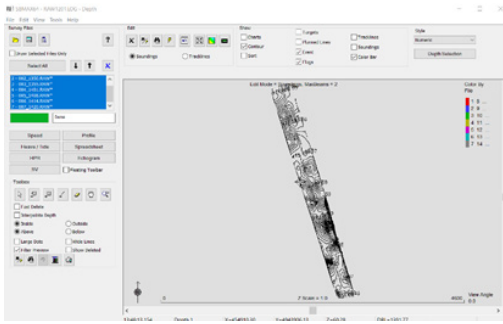


FIGURE 4. Contour Chart

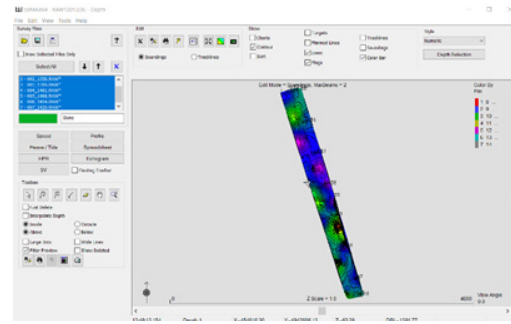


FIGURE 5. Solid Area Contour Chart

As was the case with Sort, you can change the contour file infinite times. There is also a "Contour" check box in the "Show" section of the editor box to toggle viewing the drawing, and once you have created the contour file, since a sort file was created in the process, you can click the "Sort" button to see it as well.