

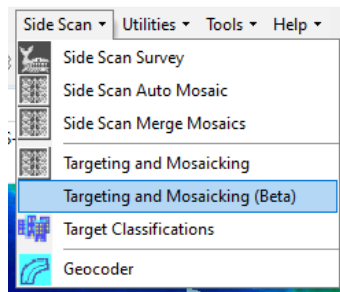


Targeting and Mosaicking Beta Program

By Daniel Tobin

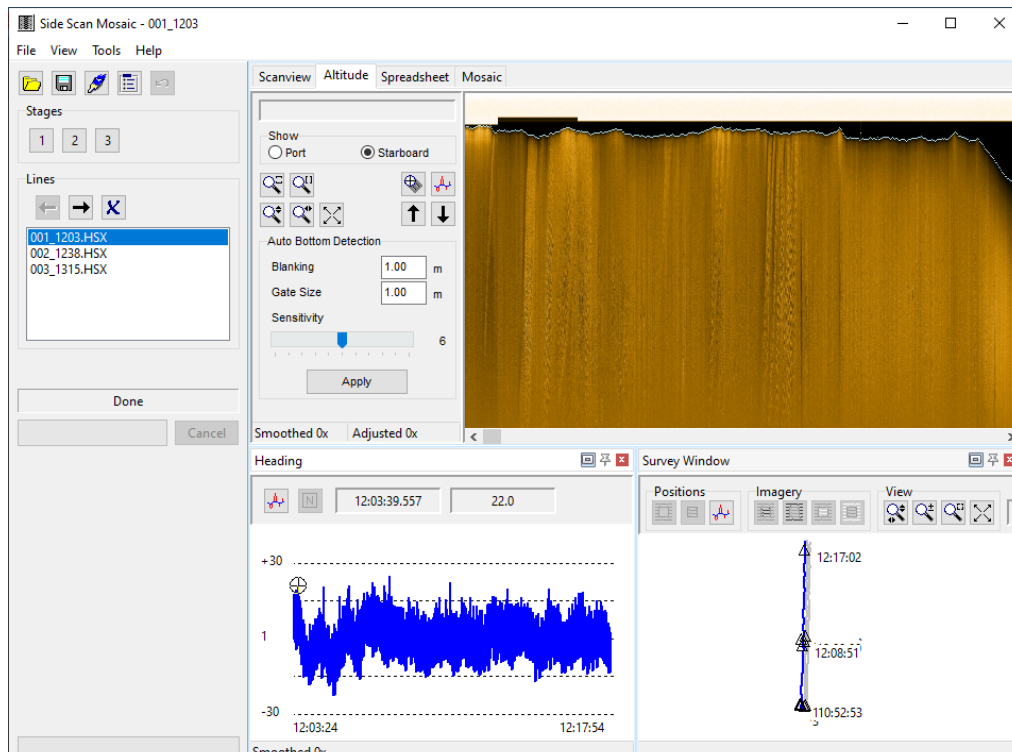
HYPACK® 2023 includes a new version of our Side Scan Targeting and Mosaicking program. To access it, open HYPACK® 2023 and click Side Scan --> Targeting and Mosaicking (Beta).

Targeting and Mosaicking (Beta) Menu Item



While the new user interface might look different, the workflow and functionality between the original Targeting and Mosaicking program and the Beta version has been maintained.

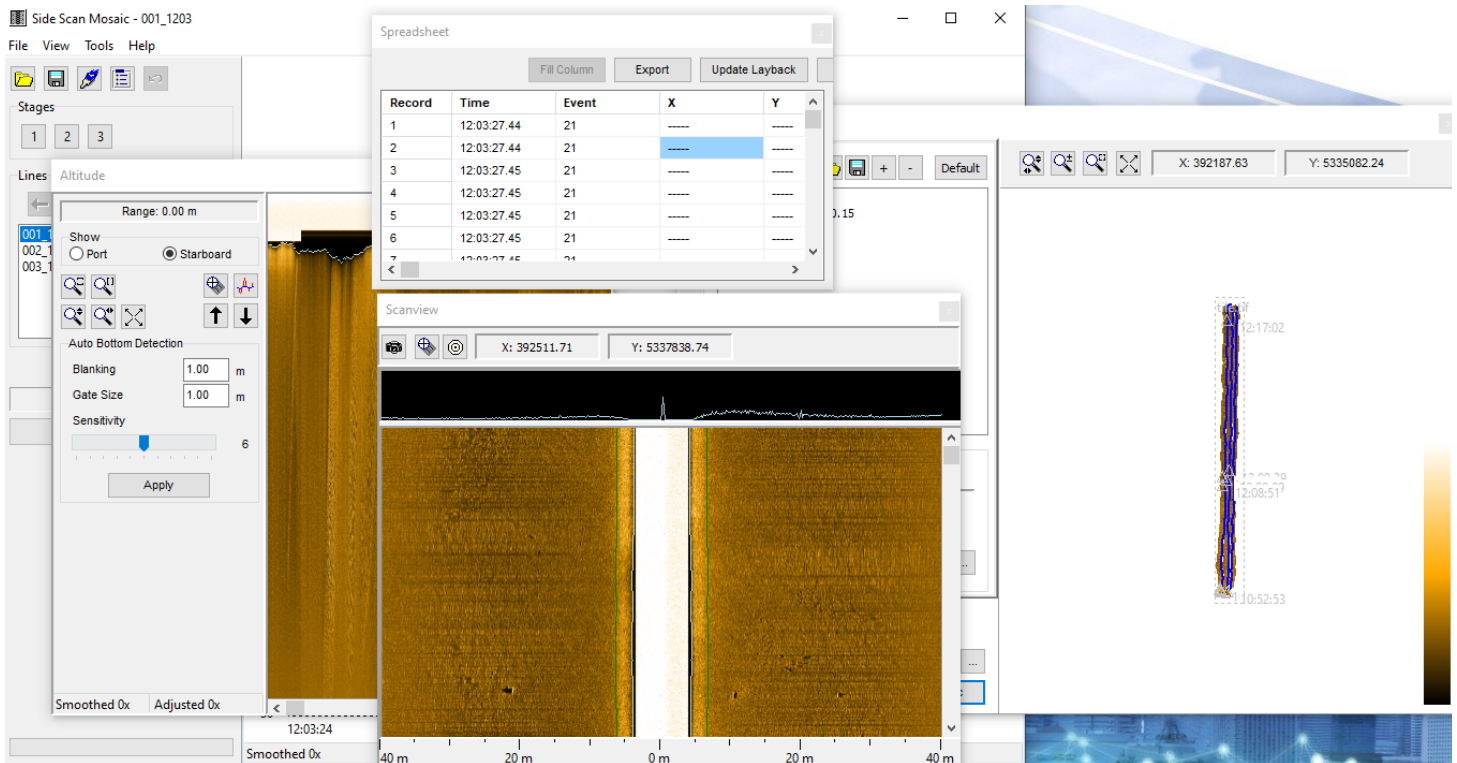
Default Window of Side Scan Mosaicking (Beta)



However, there are a few notable changes. First, many of the controls have been moved from the top of the program window to the sidebar. The file dropdown menu is replaced with a file list box, so swapping between loaded files is faster and easier.

The main window is designed with a tabbed UI. While the Stages buttons on the sidebar will move you through the familiar process of Altitude, Scanview, and Mosaic, you can also click and drag the tabs out into new windows, or snap them into existing windows. If you drag a tab over an existing window, you will see options to either drop it into that window as a tab, or snap it to one side of the window. You can also snap these tabs out into their own windows by clicking and dragging them away from an existing window, or by holding the CTRL key while dropping the window.

Flexible Tab and Window Configurations in the Side Scan Mosaicking Beta



Last, there are a number of “under the hood” changes to speed up rendering and improve the image quality of side scan data. Scrolling through your data, changing the altitude, and marking targets should all be noticeably faster now.

Because this software is in beta, we recommend saving your work often since crashes and errors are likely.