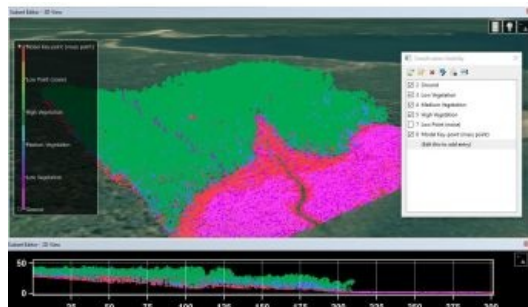


Bathy DataBase Emphases Bathymetric Lidar Surveys



Teledyne CARIS has released Bathy DataBASE (BDB) 4.4. This new version addresses the areas of feature generalisation and automation of product generation for chart compilation, as well as the increasing emphasis on bathymetric Lidar surveys.

A collection of new techniques for generalising bathymetry in chart compilation workflows can be found in BASE Editor, which is part of the BDB suite. Point suppression and smoothing techniques help reduce the manual work associated with turning survey data into chart ready vector features. These techniques can be used in isolation or together with other bathymetric feature compilation tools to produce the best results possible.

Lidar point cloud editing tools allow for visual inspection, elimination of outliers, and point re-classification to be performed at the same time; with one tool.

BDB 4.4 also offers improved automation for S-102 and bENC overlays through the inclusion of new sample process models. This will reduce the time required to get an automated production line up and running.

<https://www.hydro-international.com/content/news/bathy-database-emphases-bathymetric-lidar-surveys>