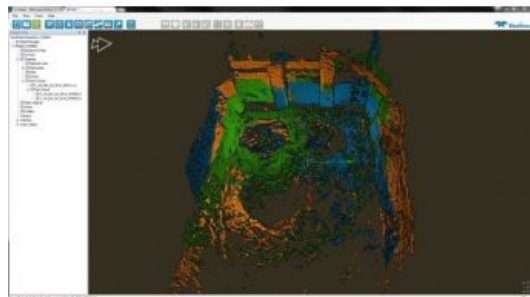


QuickStitch Processing Software Powered by EIVA



The dedicated QuickStitch software package has been designed specifically for data collected with a Teledyne BlueView 3D Scanning Sonar to streamline the review, cleaning and alignment process. Developed by EIVA from the NaviModel solution, which is part of the NaviSuite software suite, QuickStitch is based on industry-proven hydrographic software.

Teledyne BlueView's underwater 3D acoustic imaging equipment is used to inspect, monitor, measure and quantify areas of interest below the surface. The 3D Scanning Sonar scan from a fixed location and produce a highly detailed point cloud centred on the scan location. To obtain data over larger areas, multiple, overlapping point clouds are collected from various scan locations. Editing and combining the various adjacent point

clouds was time consuming and difficult to do using standard off-the-shelf 3D registration software.

QuickStitch has a simple GUI with powerful features which include point to point measurement; data editing; point cloud alignment (manual and automatic); enhanced visualisation options and data export. The specially designed software provides current and future 3D Scanning Sonar customers with a fast and effective solution for reviewing, cleaning and aligning multiple point clouds.

<https://www.hydro-international.com/content/news/quickstitch-processing-software-powered-by-eiva>
