

ProcessPro-SSS™

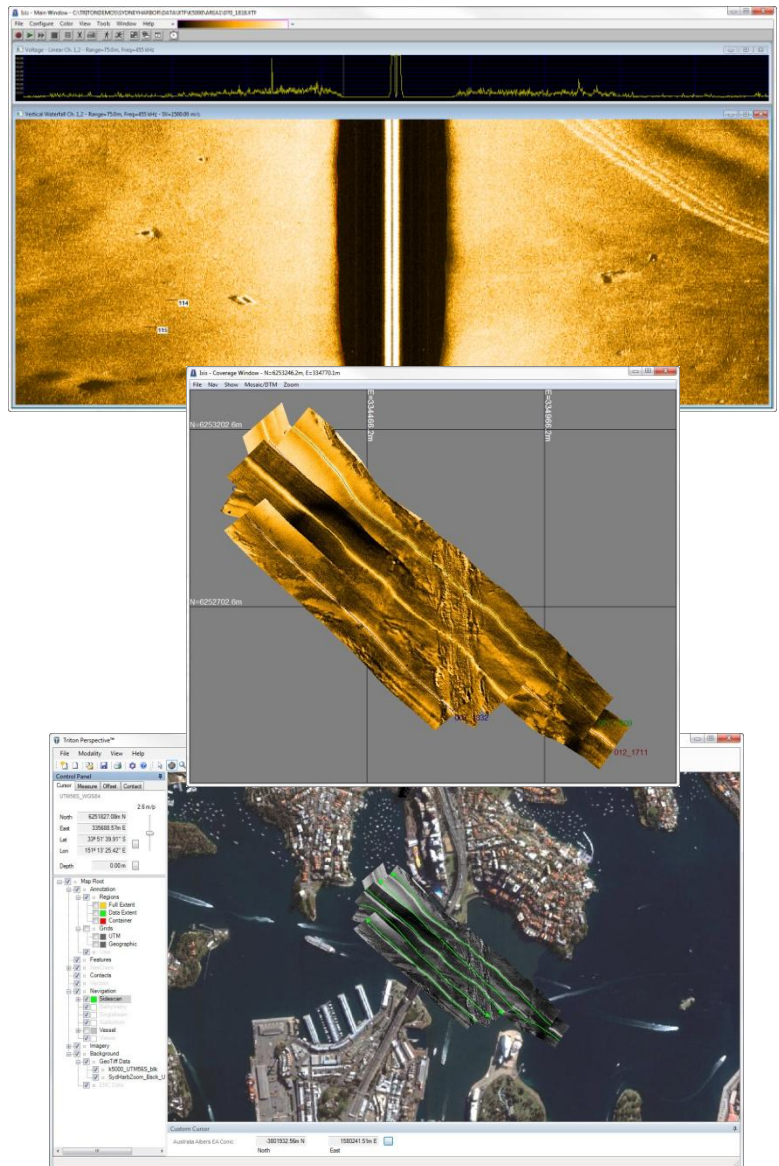
Sidescan Data Processing

Triton's new ProcessPro-SSS software package for sidescan data processing utilizes Triton Isis for file playback and creating mosaics in the coverage map window, with Perspective Map for viewing results in a GIS environment. This package is designed for users who prefer the traditional Triton method for creating sidescan mosaics or for those looking for a simple but powerful processing solution. This is Triton's low cost sidescan processing solution, with everything needed to produce high quality results including the following software modules and capabilities:

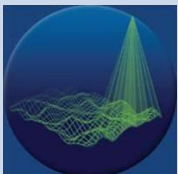
- **Isis (playback mode)**
 - Configurable file playback windows
 - Auto-switch to next file in time for creating mosaic from large datasets with minimal user interaction
 - Apply speed and slant range corrections to raw data for improved mosaics
 - Set depth delay and/or duration to change across track range for each line
 - Includes Isis Explorer for file information

- **MosaicPro**
 - Navigation smoothing during sidescan data processing
 - Select method for calculating layback
 - Apply layback and across track sensor offsets
 - Heading sensor selection and bias settings
 - Set sidescan mosaic resolution
 - Manual and automated TVG options
 - Bottom tracking tool
 - Export processed data to GeoTiff and/or Triton DDS_VIF formatted files

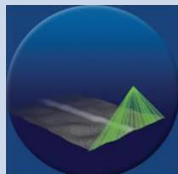
- **Perspective Map**
 - Multi-layer, GIS-based display of geo-coded survey data (vector coastlines, GeoTIFF images, contours, soundings, ENC's, etc.)
 - Load processed sidescan data as GeoTiff or as Triton DDS-VIF formatted files
 - Sidescan cross section profile tool
 - Custom projection display of cursor position
 - Common GIS environment with bathymetry and subbottom processed results



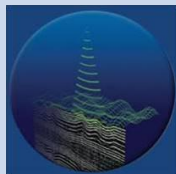
multibeam



sidescan



subbottom



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