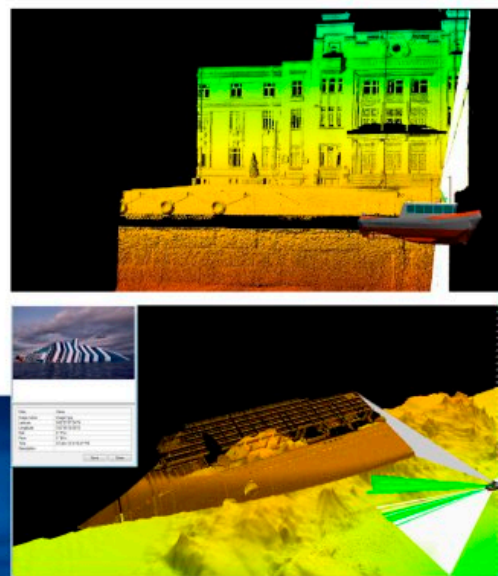


Teledyne RESON

PLD15742-1A

# PDS2000

## Multibeam



Teledyne RESON's in-house developed PDS2000 Multibeam is designed to efficiently create high quality, fast results - whether it is for multibeam surveys, singlebeam surveys, construction or dredging works.

PDS2000 for Multibeam Surveys provides the functionality for survey planning, data acquisition, data processing, editing, volume calculations and chart production. This turnkey solution offers the surveyor and helmsman a strong tool to carry out the Multibeam survey efficiently. Progress is shown realtime in 3D views and topviews using a color-coded Digital Terrain Model. Various filter settings can be applied to the Multibeam data online, thus providing real time data processing. QC displays reassure the operators that the data is of the desired quality.

The 3D editing module combines 3D swath editing, MB and Laser calibration, DTM modeling and editing, CUBE modeling, WCD data visualization and SVP editor. Combining all these features in to ONE module saves a lot of time for the data processor. While cleaning swath data your CUBE and DTM models are updated on the fly!

After data processing the data can be used for volume calculations and charting. The chart model offers the operator quick plot results especially when repeated surveys are to be plotted. The plot module has proven to be one of the best available on the market! Optionally data can be exported to a GIS database for more efficient data management.

## FEATURES

### PDS2000 MULTIBEAM

- Complete software suite for acquisition, processing and charting
- The tool for efficient and accurate results
- 3D MB data editor combined with 3D DTM and CUBE editor
- Integrated SVP Editor
- Water Column data Visualization

- Capable to handle large data sets
- Powerful and fast Multibeam calibration tool, combined in processing module or stand-alone
- Strong integration with Seabat 7K series
- Easy to extend to other PDS2000 applications

