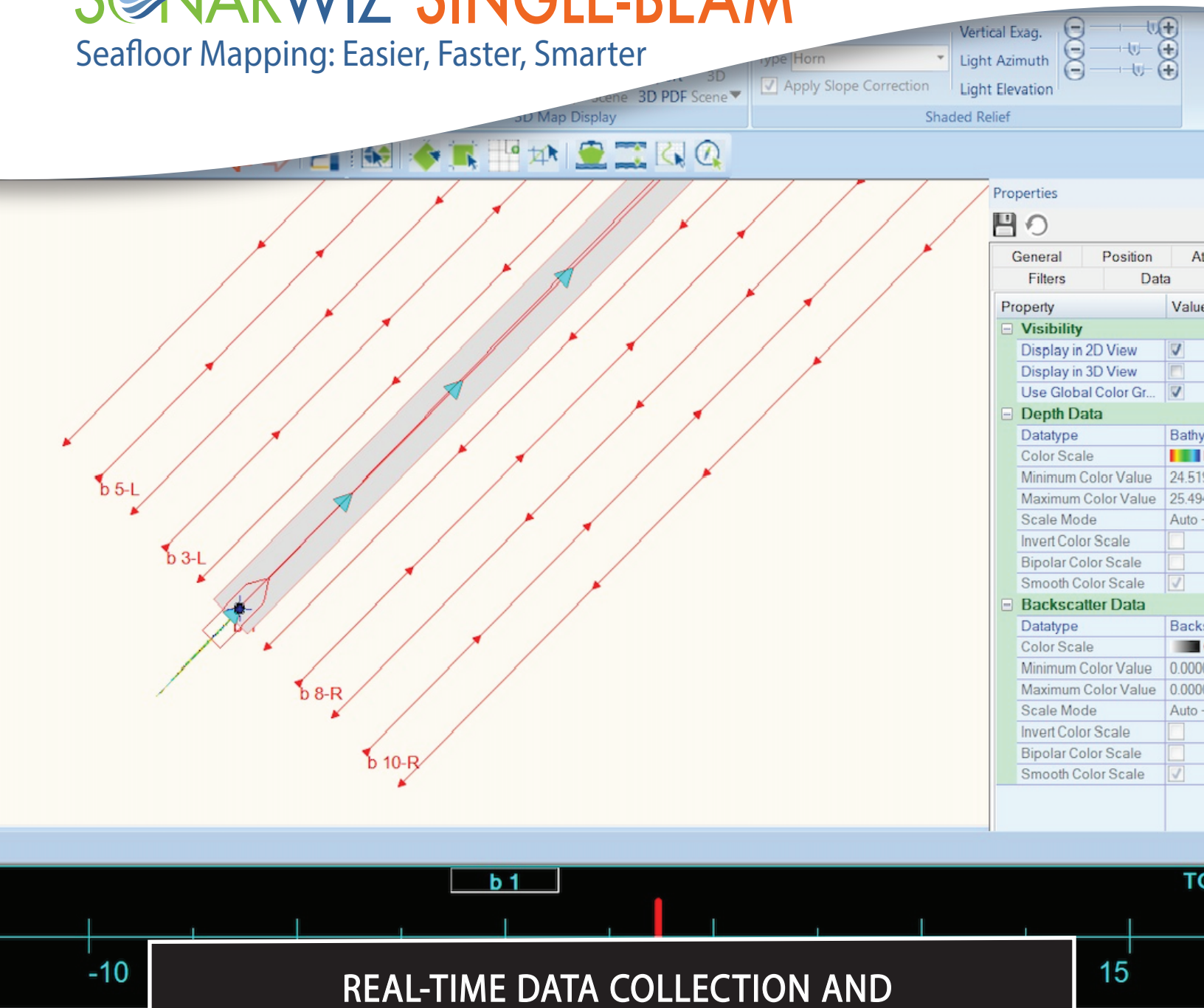


SONARWIZ SINGLE-BEAM

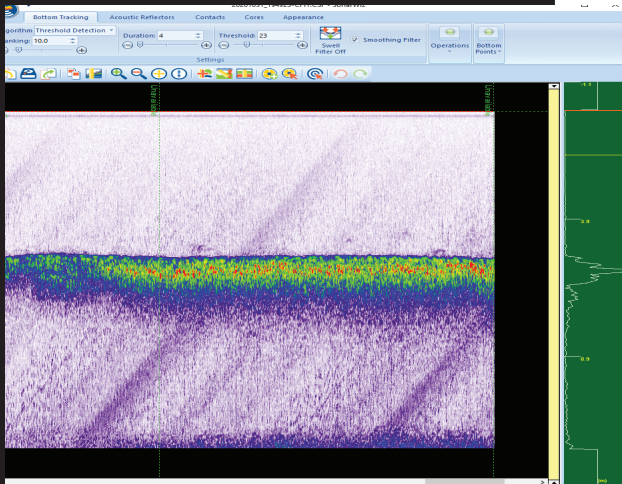
Seafloor Mapping: Easier, Faster, Smarter



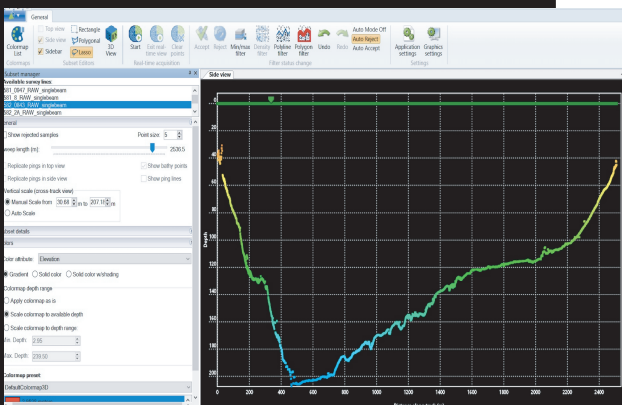
REAL-TIME DATA COLLECTION AND POST-PROCESSING FOR SINGLE-BEAM DATA

- Easy to use interface for data logging and processing
- Cost effective software providing an upgrade path for additional sensor support
- Export sounding, grid surface and contours for final products
- Data input from single-beam sensor, motion sensor and navigation device through serial and network connections
- Logging of full acoustic signal to SegY file

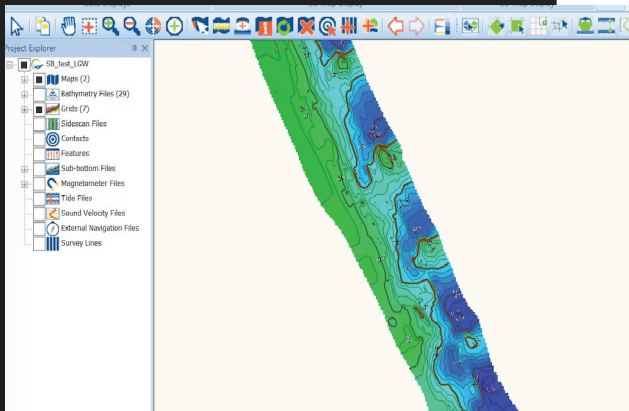
SONARWIZ SINGLE-BEAM



Acoustic datagram collected and stored into SegY format



Single-beam editor, displaying profile of sounding points



Single-beam data gridded and overlaid with contours

DATA COLLECTION

Plan your survey with easy to use line planning tools, using the same interface and feature set that are built into the SonarWiz Suite. Geodesy tools for pre-defined and custom grids. Support for all NMEA-0183 single beam echo sounders and other sonar specific data types. On-line controls allow the operator to monitor the quality of the data.

POST-PROCESSING

The single beam editor allows for applying all correction to the data – tides, vessel offsets, and both manual and automatic editing sounding data. Data is stored as an XYZ as a final product, with tools in SonarWiz to generate grids, contours and multiple reports for export.

LICENSING

SonarWiz is modular and each component can be purchased separately, as an add-on, or as part of a Field or Office bundle. We offer dongle and dongle-free licensing (DFL) options. DFL licenses eliminate the risk of lost or stolen dongles and can be transferred between any two internet-connected PCs in seconds. Network and Academic options are also available.

SUPPORTED INTERFACES

Sensor data can be brought in through Serial or network (UDP, TCP/IP)
Depth sensors: All NMEA-0183 supported devices along with sensor specific formats, continually adding new interfaces.

Motion sensors: TSS1, Applanix POS

Position devices: NMEA-0183

FILE FORMATS

For data processing, SonarWiz single beam can import third party files collected. Supported formats are DEP-1, Hess-1, HYPACK single-beam, Keafott, Knudsen (KEA, KEB), MLG, NMEA0183, s7k and XY-Depth (TXT)

Recommended PC 64bit, Win 10, DirectX11+, 8GB, SSD, USB port.

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