

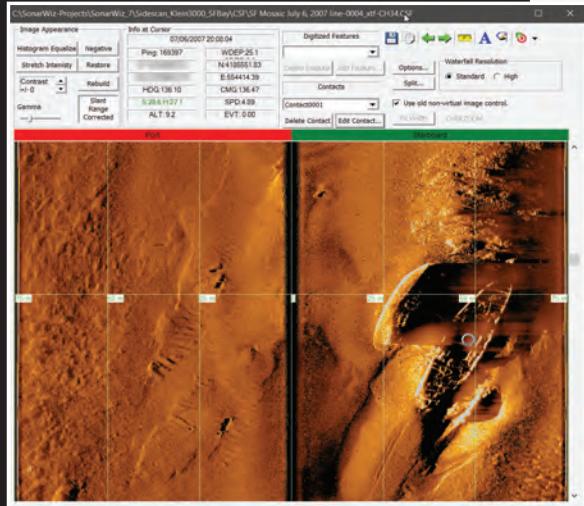
SONARWIZ SIDESCAN

Seafloor Mapping: Easier, Faster, Smarter

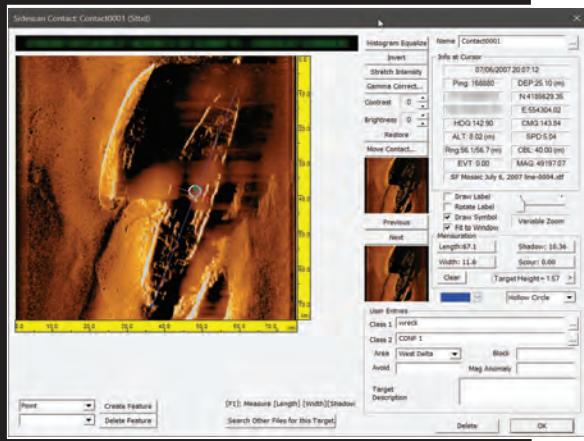
INDUSTRY LEADING SIDESCAN ACQUISITION AND SURVEY MANAGEMENT

- Designed from the ground up to support towed surveying
- State of the art image processing algorithms
- Powerful contact management and reporting system

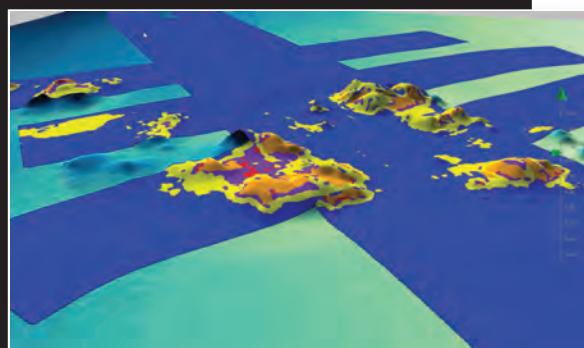
SONARWIZ SIDESCAN



Powerful sidescan image processing features



Contact management designed to support commercial surveyors



Analyze image mosaics with the Seabed Characterization Tool

CONTACT MANAGEMENT

Extensive contact management and reporting capabilities designed to support large sidescan surveys. Pick contacts in the waterfall or plan view windows and markers will appear throughout the program. Search for contacts in other track lines or rationalize multiple contacts into a single improved target. Build database queries on 30+ automatic and user-defined data fields. Update contact data when survey navigation is modified in post-processing. Export contacts as georeferenced images, MS Office reports, or GIS layers.

DATA ACQUISITION

Lay out your lines and estimate survey timing with SonarWiz survey planning tools and send the plan to the remote helm display. Acquire sonar, navigation, fathometer data, payout meter and magnetometer data simultaneously. Configure the real time display options to display just the data you want, including sidescan and subbottom waterfalls, contact target strips, and fully processed, real-time mosaics.

POST PROCESSING

Powerful tools for correcting the navigation of towed sensors include manual editing and filtering, post-process navigation injection, and target map corrections. Advanced gain and signal processing filters enhance targets or prepare a sidescan survey for habitat classification. The Seabed Characterization Tool can segment acoustic imagery into homogeneous regions for sediment classification.

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

Analog sonars: C-MAX, Edgetech, GeoAcoustics, Klein; digital sonars such as Atlas NA, C-MAX, Edgetech, Falmouth Scientific, GeoAcoustics, Imagenex, Klein, Knudsen, Kongsberg, R2Sonic, SyQwest, Teledyne, Tritech

FILE FORMATS

All major file types including 81S, 872, 83P, ALL, COD, CMS2, DAT, GCF, HSX, IMG, JSF, LogDoc, MB41, MST, QMP, RAW, RDF, RFF, SDS, SEG, SGY, SL2, SL3, SMB, SON, SWF8, SXP, SXR, SXI, V4Log, XTF

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

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