



SonarWiz Interfaces

Real-time (R/T) sonar data acquisition interfaces supported
 Magnetometry R/T acquisition is free with ANY sonar R/T license

SonarWiz can acquire and process data from the following sonar models:

| | | | |
|------------------------|---------------------------|--------------------------|---|
| Sidescan Sonar: | (XTF file recorded) | Sub-bottom sonar: | (SEG file recorded) |
| Analog 16-bit: | - Geoacoustics SS | Analog SB: | - Sparkers, boomers, |
| (examples) | - Klein 595, 2000 SS | (examples) | - Bubble-guns, Pulsers |
| | - Edgetech 260/272 | | |
| | - C-MAX 800 series | Edgetech | 3000 (X-Star), 3100, 3200 FSSB (e.g. SB216, SB424) |
| C-MAX | CM2 USB | Falmouth Scientific | HMS-622 ChirpCeiver |
| Edgetech | - 4100 | Geoacoustics | Geopulse Analog SB |
| | - 4125/4200 via Ethernet | (now Kongsberg) | Geopulse Plus Digital SB |
| | - 4125 via USB/COM port | Innomar | SES-2000 SB |
| | - 4125 via USB/COM port | Knudsen | Knudsen SB (Beta) |
| Geoacoustics | - Digital SS | SyQwest | Stratabox, Hydrobox |
| (now Kongsberg) | | | Bathy2010, Bathy2010PC |
| Imagenex | - Sportscan, Yellowfin | Teledyne-Odom | Chirp III, Echotrac |
| Klein | - 3000, 3900 | Combined SS/SB: | |
| | - 5000, 5000V2 | Edgetech | - 2000 SS/SB |
| | - 5900 w/gap-fill | HUGIN | - AUV SS/SB |
| Knudsen | - 320 (Beta) | Klein | - 3000 SS/SB |
| Marine Sonic | - HDS and SeaScan | Teledyne-Odon | - 1625 |
| (now Atlas NA) | - ARC Explorer | Bathymetry Sonar: | |
| R2Sonic | - 202X series w/TruePix | Edgetech | - 4600/6205 SS/bathy |
| SyQwest | Aquascan | Klein | - 5900 SS/bathy |
| Teledyne-Odom | 1624 | PingDSP | - 3DSS SS/bathy |
| | | R2Sonic | - 202X single-headed |
| Tritech | Starfish 450/990, Seaking | | |



SonarWiz File Format Import

SonarWiz supports import of the following file-types:

Note: All file formats in a category may be imported with the post-processing license of that category.

Sidescan Import File Types:

- C-MAX
- CODA (*.COD)
- Edgetech (*.JSF)
- eXtended riton Format (*.XTF)
- Geoacoustics (*.GCF, *.RDF, *.RFF)
- Humminbird side-view (*.SON, *.DAT)
- HYPACK (*.HSX)
- Imagenex Sportscan (*.81S)
- Imagenex Yellowfin (*.872)
- Imagenex Delta T Backscatter (*.83P)
- Klein (*.SDF)
- Kongsberg EM backscatter (*.ALL)
- Kongsberg (Simrad) EA400/600 Backscatter (*.RAW)
- Kongsberg (HI SAS 1030) (*.XTF)
- Lowrance (*.XTF or *.SL2)
- Marine Sonic (*.MST, *.SDS)
- ProSAS (*.IMG)
- QMips (*.DAT, *.QMP)
- R2Sonic (*.XTF)
- RESON 7XXX series Backscatter (*.S7K)
- Seabeam2100 (*.MB41)
- Sonardyne Solstice (*.SWF8)
- SwathPlus Raw/Processed/Parsed (*.SXR, SXP, SXI)
- Swedish Geo Survey (*.SEG, *.SGY)
- Tritech (*.V4Log, *.LogDoc)

Magnetometry Import Formats:

Many sentence formats supported using a template-based import design. See the Magnetometry Post-processing Reference PDF for details

Sub-bottom Import File Types:

- SEG-Y (*.SEG, *.SGY, *.TRA)
- XTF (*.XTF)
- EdgeTech JSF (*.JSF)
- GeoAcoustics (*.GCF)
- CODA (*.COD)
- Innomar SB (*.SES)
- Klein 3000 (*.SDF)
- Kongsberg (*.RAW)
- Tritech (*.V4Log)
- SyQwest ODC (*.ODC)
- Knudsen KEB (*.KEB) incl. D0-D3 and B9 formats
- Mala GPR (*.RAD)

Bathymetric Import Formats:

- EdgeTech JSF (*.JSF)
- GeoAcoustics (*.RDF, *.RFF)
- HYPACK (*.HSX)
- Imagenex Delta T (*.83P)
- Klein (*.SDF)
- Kongsberg (*.ALL)
- R2Sonic with TruePix or Snippets (*.R2S)
- RESON with Backscatter or Snippets (*.S7K)
- RESON via HYPACK (*.7K)
- Sea SWATHPLUS (*.SXI)
- Triton eXtended Format (*.XTF)
- WAASP Multibeam (*.NWSF)

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