



GeoDAS

Geophysical Data Acquisition System

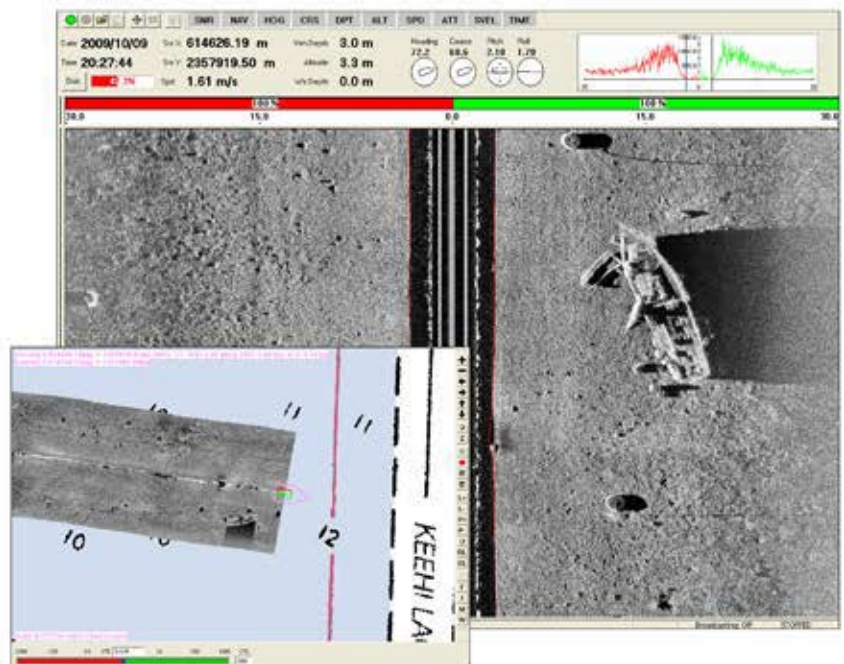
Survey Management

Project Databasing

Real Time Mosaicking

Advanced Targeting

The GeoDAS system supports acquisition, control, real time processing and geo-coding of seafloor mapping data acquired using sidescan, multibeam, forward look, sub-bottom, magnetometer and interferometric sensors. It integrates navigation, heading, attitude and environmental sensors to provide a complete geophysical survey planning, acquisition, and control package. It is capable of logging up to eight channels of data using a newly redesigned and user-configurable interface, and delivers a powerful data acquisition package that is second to none.

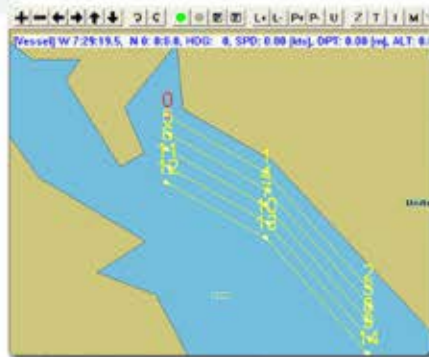


Supported Sensors

Arete' Streak Lidar
 AST ProSAS
 Atlas Deso
 Blueprint Starfish
 BlueView P-Series
 C-Max CM2
 Datasonics SIS 1500
 Datasonics SIS1502
 Datasonics SIS 3000
 DSME Utech S-150
 DTI PROSAS
 echoPLUS
 EdgeTech 272-ACI
 EdgeTech LC-100
 EdgeTech 4100
 EdgeTech 4125
 EdgeTech 4200
 EdgeTech 4300
 EdgeTech DF1000
 EdgeTech FS-AU (2200)
 EDO
 HMS-1400
 Imagenex 852
 Imagenex Delta-T
 Imagenex Sportscan
 Imagenex Yellowfin
 Innerspace 449DF-1D
 Klein-595
 Klein 2000
 Klein 3000
 Klein 5000
 Knudsen 320
 Kongsberg Simrad EM12
 Kongsberg Simrad EM950
 Kongsberg Simrad EM300
 Kongsberg Simrad 1000
 Kongsberg Simrad 3000
 Odom Echoscanner
 Odom Echotrac
 RDI BSSS
 R2Sonic 20xx
 Raytheon LS-4096
 Reson 81xx, 9001
 RoxAnn
 SAIC SM2000
 Simrad EA500
 SonarBeam S-150 (100, 400, 1250 kHz)
 Sonavision Mercury
 Teledyne Benthos C3D
 Teledyne Benthos Chirp III
 Teledyne Benthos SIS 16xx
 Tritech Micron
 UEOS Aretemes FLS
 UEOS Deepscan
 UEOS Widescan

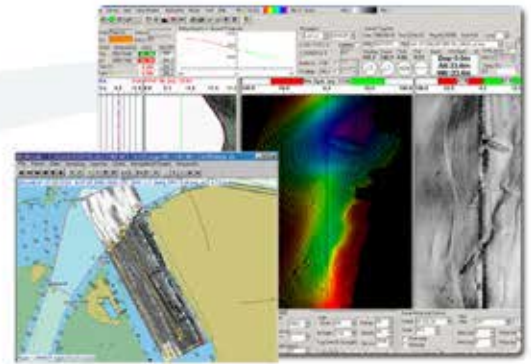
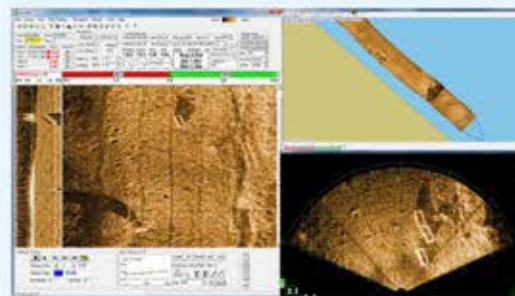
Real Time Processing and Mosaicking

Comprehensive online suite of processing tools include navigation smoothing, heave, pitch, roll, draft, tide, sound velocity, slant range and speed corrections, and range/angle/quality filters.



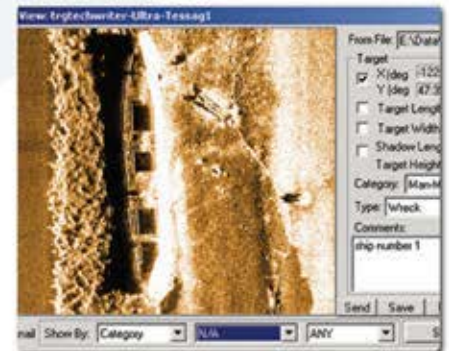
Targeting

Geo-coded target display tools include zoom, measurement, comments, classification and automatic databasing for flagged targets, thumbnail viewing, and auto-playback features.



Survey Management

GeoDAS supports design and editing of survey run lines. Users can edit survey plans 'on-the-fly' - providing flexibility and organization to survey execution. All sensor and survey parameters are stored in a 'projects' folder allowing seamless day-to-day operations.



Geocoding of Forward Look Sonar (FLS) data for nadir gap filling or FLS-only mosaics

OIC recently launched GeoDAS with integration support for forward look imaging sonars. The new feature allows users to acquire and view FLS data alone, or as a nadir gap filler for sidescan data. FLS data uses the geo-coding, target marking, and real time mosaicking offered in GeoDAS. Now, the user can process FLS imagery and determine how much of the FLS sector to push to the mosaic or waterfall. For standalone FLS operations, users can review imagery in a spatial context. In gap fill mode, this new capability translates to no more holidays, and no time wasted running extra survey lines.



Oceanic Imaging Consultants, Inc.

Founded in 1993, OIC provides seafloor mapping software, systems and services to the world's military, government, commercial, and academic markets. With a solid understanding of the requirements of the hydrographic community and an emphasis on providing quality customer support, OIC should be your first stop for all of your seafloor mapping needs.



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