



# GeoDAS

## Geophysical Data Acquisition System



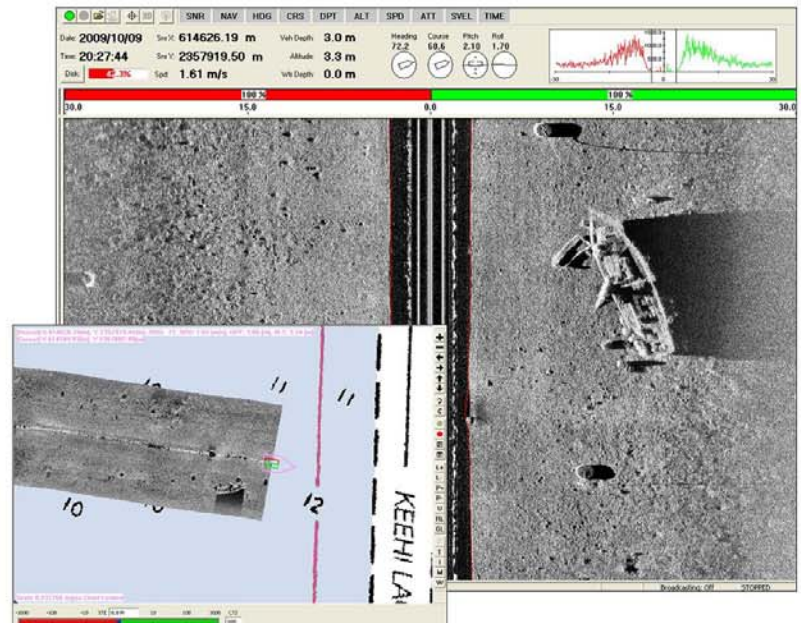
Survey Management

Project Databasing

Real-time Mosaicking

Advanced Targeting

GeoDAS supports acquisition, control, real-time processing and geo-coding of seafloor mapping data acquired using sidescan, multibeam, sub-bottom, magnetometer and interferometric sensors. The program integrates navigation, heading, attitude and environmental sensors to provide a complete geophysical survey planning, acquisition, and control package. Capable of logging up to 8 channels of data using a newly re-designed and user-configurable interface, GeoDAS delivers a powerful data acquisition package that is second to none.

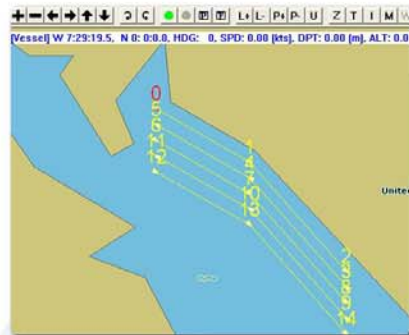


## Supported Sensors

Arete' Streak Lidar  
 AST ProSAS  
 Atlas Deso  
 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 4200  
 EdgeTech 4300  
 EdgeTech DF1000  
 EdgeTech FS-AU (2200)  
 EDO  
 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 Echoscans  
 Odom Echotrac  
 RDI BSSS  
 R2Sonic 2024  
 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 SIS 1600  
 Tritech Micron  
 UEOS Aretemes FLS  
 UEOS Deepscan  
 UEOS Widescan

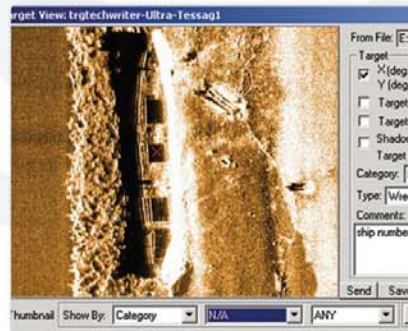
## Real-time Processing

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



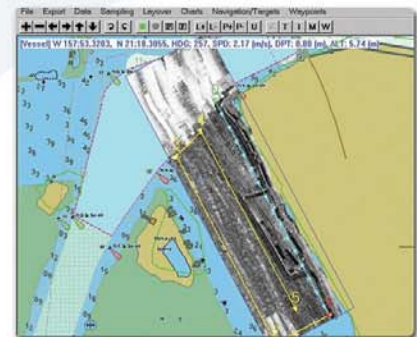
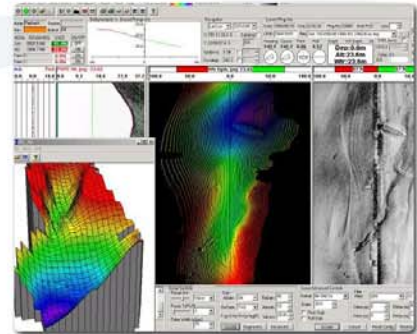
## Real-time Mosaicking

Create real-time, co-registered mosaics for up to four layers of sidescan, backscatter, bathymetry, magnetometry and seabed classification data.



## Survey Management

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



## Targeting

Geo-coded Target Display with zoom, measurement, comments, classification and automatic databasing of flagged targets with thumbnail viewing and auto-playback features.



## 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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