UXO Marine
per Oasis montaj

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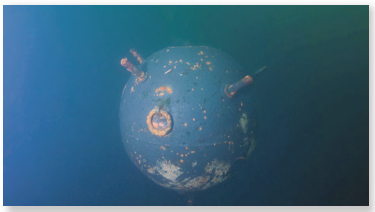
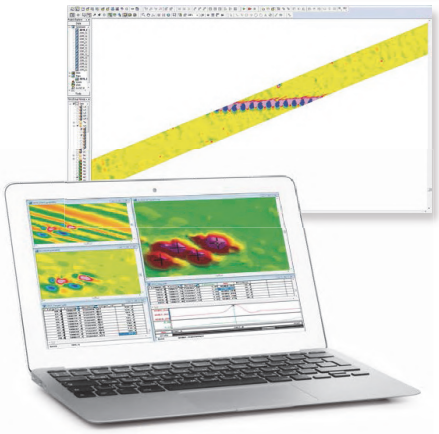
SEEQUENT
ADALTA
RIVENDITORE UFFICIALE PER L'ITALIA

La completa soluzione software per individuare gli Ordigni Inesplosi (UXO) in ambienti marini.





UXO Marine è una estensione del software Oasis montaj e fornisce una suite di strumenti completi per processare e visualizzare i dati delle indagini geofisiche; permette l'effettiva individuazione e analisi di obiettivi nelle indagini investigative di ambienti marini.
Il software è sviluppato per tecnici e scienziati che indagano gli ambienti marini con sensori individuali e multipli; così come con gradienti multipli e gradiometri di gradienti orizzontali.

- Processa facilmente grandi volumi di dati magnetici
- Mappa dati magnetici e elettromagnetici (EM)
- Performa il controllo e la garanzia di qualità
- Localizza e analizza efficacemente i target UXO
- Ottimizza la pianificazione e la reportistica dell'indagine

Caratteristiche Principali

Positioning and Location Corrections
Automatically position all sensors in multi-sensor arrays. Correct your data for navigation problems. To help provide consistent analysis from line to line and along each survey line, adjust your magnetic data to a constant "altitude"above the sea floor.

Data Corrections and QA/QC
Ensure your data quality. Enhance the data with filtering and residuals for nois and background removal. Sensor positioning is corrected in a number of ways, including lag and offset tools to correct the path or location of your survey data. Instrument tests and other QA/QC processes are available. Level mag sensors to each other, in arrays. Geophysical correction tools identify and remove spikes and other noise from background geology or instrument-inherent sources.

Data Processing
Rapidly process your data to optimize target picking and analysis. Data can be processed in profile form for wide line spacings often the case in gradient surveys), or in 2D grids for surveys with full area coverage. Calculate the Analytic Signal from any combination of measured and calculated gradients to reduce noise and produce a cleaner analytical signal for automated and manual target picking.

Target Selection
Targets can be picked from dipole anomalies in total field data or from peaks i the analytical signal. Interactively add, delete or move targets in profile or ma views. Automatically find the closest peak to the piced location, when manually picking targets.

Target Analysis
Model magnetic anomalies for selected targets to estimate the target locations and depths. Calculate apparent size and magnetic moment to help characterize UXO targets for informed decision-making. The automated inversion modelling supports the sparse data commonly seen in many marine magnetic and gradiometer surveys, and provides output of magnetic moment. Automatically analyze targets for locations, depths, and ferrous weights using Euler depth calculations.

Planning and Reporting
Produce a variety of powerful and informative maps and displays, including maps that can be rotated to align with the long-dimension of a survey. When you create a map, you can rotate the data view in any direction on the map so that north is not necessarily at the top of the page. This enables you to find th best fit for our data to the page or screen. It is also useful for creating maps that have the map boundary parallel to the survey direction or to maximize the coverage of the map for long narrow surveys. Additionally, it may increase some processing and visualization speeds by an order of magnitude or more.