



DELPH SONAR

SIDESCAN SONAR IMAGERY ACQUISITION AND INTERPRETATION TOOL

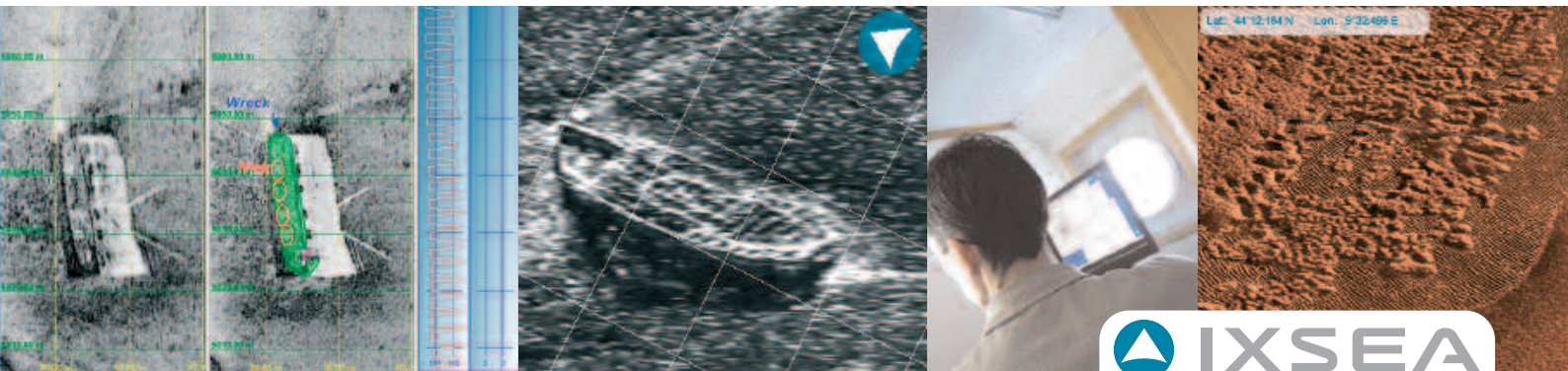
DELPH SONAR is a real-time and batch survey productivity tool, compatible with most digital and analog sidescan sonars. Beyond the traditional waterfall display, its global viewer mode and contact analysis tool provide advanced interpretation capabilities.

FEATURES

- One screen display of km-long survey lines
- Contact analysis tool with databasing
- On screen annotation and drawing tools
- Real-time processing and mosaicking

BENEFITS

- Improvement of the interpretation production line
- Interpretation productivity boost
- Ready to use imagery data
- Optimize your coverage on the field



APPLICATIONS • Offshore mining preparation • Geotechnical, scientific and environmental investigation • Pipe pre-laying & pre-dredging survey

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DETAILED FEATURES

Acquisition

Interfaces with most digital and analog sonars
24 Bits acquisition for analog sonars
Single and dual frequency sonar acquisition
Industry standard XTF format logging

Interpretation

On screen manual bottom editing
Geoencoded echoes with advanced contact analysis
Annotation and drawing on the sonar imagery
Outputs to industry standard formats

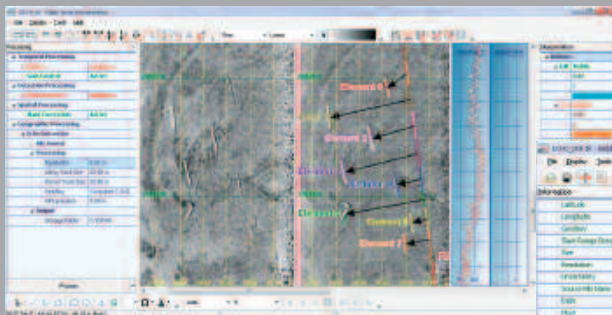
Processing

Gain control based on amplitude, time or beam angle
Navigation filtering and speed correction
Automatic and manual bottom detection
Slant correction

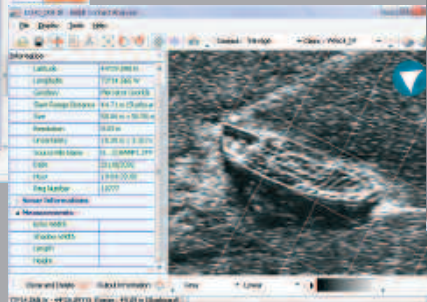
Mapping

Real-time and post processed sonar mosaicking
3D display of the mosaics
Geographic correlation with other sensor data

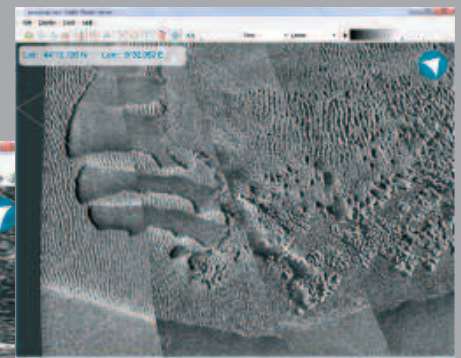
WORKSPACE OVERVIEW



Delph Sonar Interpretation



Delph Contact Analyser



Delph Mosaic Viewer

REQUIREMENTS & COMPATIBILITY

Minimum workstation configuration: Pentium IV, Windows XP