



DELPH SEISMIC

SUB-BOTTOM IMAGERY ACQUISITION AND INTERPRETATION TOOL

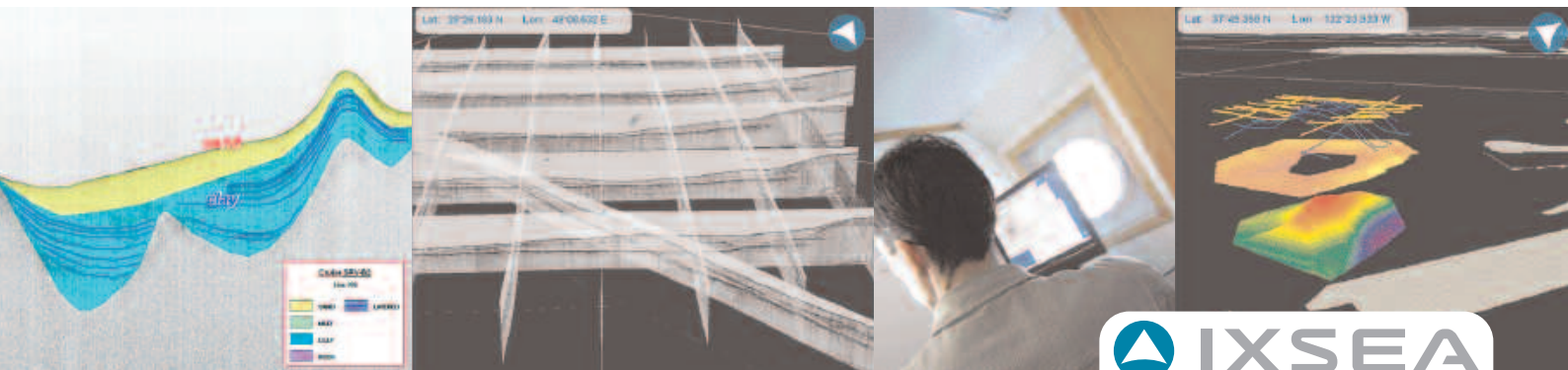
DELPH SEISMIC is a real-time and batch survey productivity tool, compatible with most digital and analog sub-bottom profilers. Beyond the traditional scrolling display, its global viewer mode and mapping tools provide advanced interpretation capabilities.

FEATURES

- One screen display of km-long survey lines
- Manual and automatic reflector identification
- On screen annotation and drawing tools
- Crossing profiles one click browsing
- 3D display of both imagery and interpretation

BENEFITS

- Improvement of the interpretation production line
- Interpretation productivity boost
- Ready to use imagery data
- Improve your understanding of the survey field
- Easy profiles correlation for interpretation



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

DELPH SEISMIC INTERPRETATION

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DETAILED FEATURES

Acquisition

IXSEA's ECHOES SBP interface with multi-ping capability
Interfaces with most digital and analog sources
24 Bits acquisition of 1 to 6 analog channels
Master and slave modes
Asynchronous acquisition of two analog systems
Industry standard XTF or SEG Y format logging

Interpretation

Manual and semi-automatic horizon picking and export
Thickness computation between two horizons
Crossing lines browsing and interpretation correlation
Annotation and drawing on the seismic profile
Outputs to industry standard formats

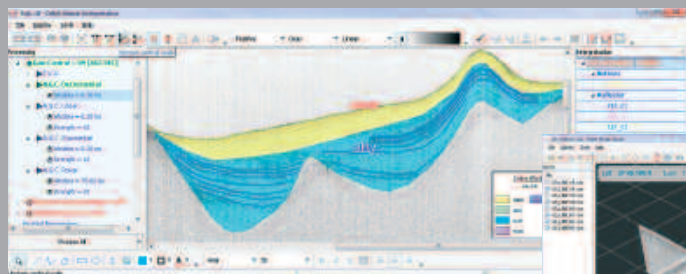
Processing

Band pass and time varying filters
Automatic and time varying gain control
Horizontal stacking
Navigation filtering and speed correction
Topo correction with swell and heave compensation
Multiple removal and signature deconvolution

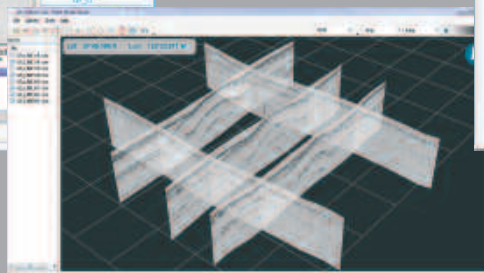
Mapping

DTM generation
Real-time and post processed seismic GeoSections
3D display of the DTMs with the interpretation vectors
3D display of GeoSections
Geographic correlation with other sensor data

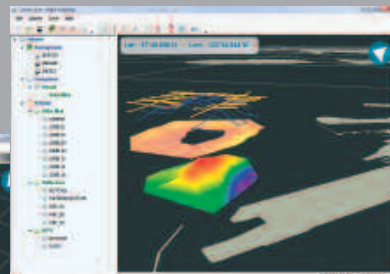
WORKSPACE OVERVIEW



Delph Seismic Interpretation



Delph Mosaic Viewer - GeoSection Display



Delph Road Map - DTM Display

REQUIREMENTS & COMPATIBILITY

Minimum workstation configuration: Pentium IV, Windows XP

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Specifications subject to change without notice