



TRITON
IMAGING®, INC

Triton SB-Logger™

A new paradigm for data logging and review

Triton SB-Logger™ is our new subbottom profiler and shallow seismic data acquisition and playback application incorporating years of experience in marine geophysics and state-of-the-art software development architecture. The baseline application is designed for easy setup and operation, with numerous quality control features to ensure data acquisition is done right the first time. Triton SB-Logger features many advanced capabilities for real-time and off-line data review and analysis. These capabilities include a pause tool for on-line review of features while continuing to log data, a “scrubbing” tool for rapid scanning of a data files, an image capture tool for the export of profile sections as bitmap files, and a variety of optional filters designed to enhance imagery and improve interpretation results..

Acquisition

- Support for analog or digital data.
- 24-bit A/D conversion.
- Single TTL trigger output.
- Multiple channel input.
- Dedicated server architecture.
- Status indicators for data reception, logging, and printing.
- Automatic line switching and file naming.
- 32-bit SEG Y output.

Processing

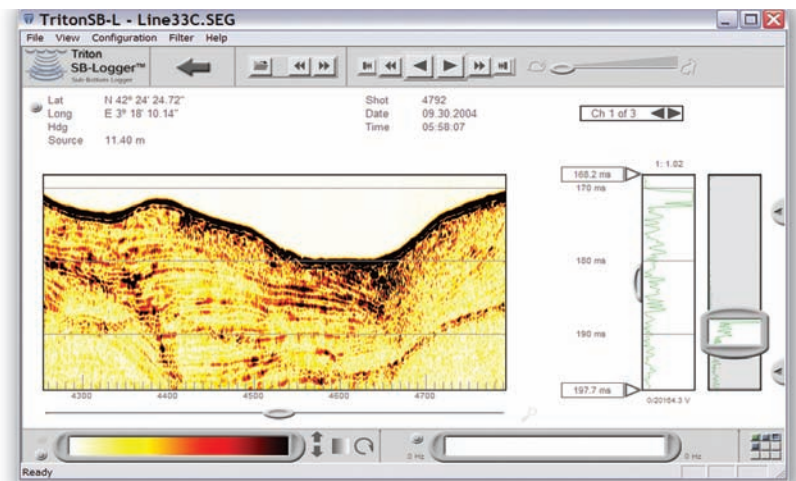
- Bandpass and notch filters.
- TVG / AGC.
- Variable gain control.
- Topographic or depth correction.
- Bottom tracking.
- Advanced filters for swell removal and horizontal stacking.

Playback

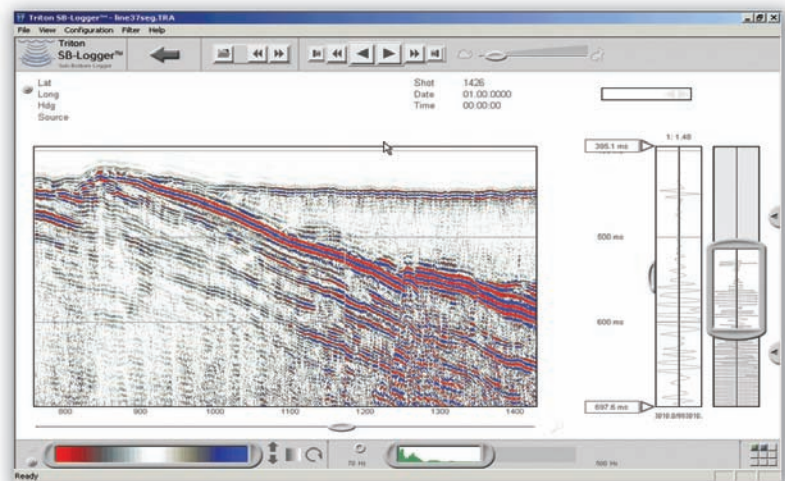
- Intuitive playback controls (VCR-style).
- Image caching for rapid data review.
- Flexible scrolling options (pause, reverse, mirror control).
- Instant application of filter / gradient setting changes.

Unique Attributes

- Supports user-developed filters and color palettes via a plug-in architecture.
- Profile pause tool for on-line data review.
- Image capture tool for bitmap storage of selected profile features.
- Support for any Windows driver printer, selected thermal printers, and direct PDF creation.



Edgetech Chirp data courtesy of USGS



Analog airgun data courtesy of NAVO

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