Troika enables competitive advantage by helping to future-proof seismic libraries and deliver fast access to the right data. We provide a comprehensive suite of software and expert support services to recover data and condition datasets for computing and analytics.

www.troika-int.com
Troika is a major supplier of Seismic Data Management utilities to the upstream oil & gas industry

Data discovery, QC repair, meta-data extraction and imaging at very fast speed
WHO USES TROIKA

• Governments worldwide (NDRs, datarooms)
• Oil & gas companies (major, super major & NOCs)
• Speculative (multi-client) data suppliers
• Data transcription centres
• Service companies

WHY THEY USE TROIKA

• Maximising the value of their most important assets
• Improving the quality (reliability) of the data
• Decreasing the time to load, making the business more efficient
• Increasing knowledge of data in the business
• Reading and extracting metadata to populate the master database
MOU Signed between SEG and OSDU

THE SEG FORMATS REMAIN THE INTERNATIONAL EXCHANGE STANDARDS

SEG  MDIO  ZGY  VDS

NOD (formerly NPD) Announcement
Troika’s Magma software was selected to handle all Foreign Tape Input into the Halliburton Landmark SeisSpace® Seismic Processing System.
An intelligent disk trawler for identifying seismic file information and extracting basic metadata. The software launches Midi and Minima software as and when required for data transcription and/or QC.

- Efficiently identifies your seismic data
- Search by file or line name, encapsulation, format
- Report on possible duplicates
- A GUI to build and run Midi jobs
- Run prebuilt Midi workflows
- Build and run custom Midi jobs
- Launch Minima for interactive QC
Within a few seconds this utility reports key parameters including spacing and extents of inlines, crosslines and x,y coordinates for a 3D dataset as a geometrical quality control check prior to lengthy data loading operations.

Geom will calculate and output Inline/Crossline corner points, survey azimuth, bin dimensions, tracecount, etc. and optionally an outline surface type image. Geom can be used to validate and gain assurance that your data meets your basic requirements. Geom is a high speed Post-stack SEGY 3D Data Geographical Analysis tool which allows the user to collect fast information on:

- Textual Headers
- Trace Headers Bin Spacing
- Inlines/Crossline and X/Y Coordinates
- Geometrical Corner Points
- Shapefiles
- Logfile including all of above, including the ability to export Header Definitions for integration into Macros or other text files
Rationalizes 2D and 3D SEG-Y data on disk and provides the opportunity to repair datasets to prepare them for problem-free uploading to workstations for processing, analysis, interpretation and other applications.

- An interactive view on your data, display sections and slices
- View and compare locations from 2D seismic and navigation files
- Report and highlight data inconsistencies
- Produce 2D and 3D shapefiles
- Condition the data
- Commit changes to original files or write new volumes
- Create navigation files from seismic headers
Select CRS

Apply and Output Shape File

Post To GIS system
The scope of work

- Master database had become out of sync with the data
- Re index required
- Roughly 800,000 files in Rode encapsulation all of which were an unknown format

Troika’s solution

- Troika supplied an automated solution to extract metadata & make sure the data was in sequence
- The client then had all the information needed to identify the data and decide which process should be used in the next phase
- Shell had allocated 14 months for the project and Troika delivered it in 4 weeks
Contact Us
FUTURE PROOF YOUR DATA

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