GeoTomo and Z-Terra Announce Integration Partnership Advancing Time and Depth Seismic Processing Workflows

Houston, Texas – September 16, 2019 – GeoTomo LLC, a leading provider of advanced land near-surface and subsurface seismic processing and imaging software products and services and Z-Terra, a leading provider of interactive depth imaging and velocity model building software products and services, today announced the availability of an integration between seismic data processing software products and services to advance land time and depth processing workflows.

The direct connection between GeoTomo's GeoThrust and TomoPlus software and Z-Terra's full Depth Imaging System which includes RTM, WEM, Gaussian and Fast Beam Migration and Beam Tomography along conventional Kirchhoff and ray-based Tomography allows companies to quickly optimize and apply advanced anisotropic processing workflows. The workflow begins with raw field data continuing through final images and deliverables. The complete interactive processing workflow consists of geometry building and QC, traveltime tomography, signal enhancement and anisotropic prestack time migration (APSTM) to near-surface, subsurface velocity model building and updating and prestack anisotropic depth migration (APSDM).

Today, oil and gas operators are under intense pressure to produce more oil and replace reservoirs faster than ever. The integration between GeoTomo's GeoThrust seismic processing software and Z-Terra's "Smart Migration" depth imaging solutions brings together advanced time and depth imaging solutions in efficient interactive software package that deliver accurate results quickly.

 "It is my pleasure to announce the Z-Terra's "Smart Migration" technology can be accessed from GeoTomo's GeoThrust seismic processing package. Z-Terra is known for their strength in depth imaging solutions and experience, and this partnership offers support for our software and services business." said James Jackson, President of GeoTomo LLC.

 "For land processing jobs two key requirements for success are (1) solving the near surface statics and velocity problems and (2) building an accurate and high resolution anisotropic depth velocity model combined with an accurate depth imaging toolkit. GeoTomo is an industry leader in near surface solutions and Z-Terra is an industry leader in accurate depth imaging solutions. Combining and integrating two best-in-class software solutions providers will offer the industry a "Dream Team" near surface and depth imaging solution, the assembly of two leading technologies to obtain the highest quality results." said Dr. Alexander Mihai Popovici, CEO and Chairman of Z-Terra.

 "GeoThrust is the modern face of seismic data processing with its easy-to-learn and easy-to-use workflow architecture, and with its unrivaled, powerful interactive geophysical quality-control tools at each stage in the analysis. The GeoThrust workflow provides 3-D PSTM and PSDM image volumes computed from floating datum based on an accurate traveltime-inversion or image-based near-surface modeling and image-based subsurface velocity estimation. If you wish to go beyond Kirchhoff for depth imaging, now, you can launch Z-Terra from the GeoThrust platform to perform 3-D PSDM using an advanced algorithm warranted by your data --- including Gaussian Beam, Fast Beam, Reverse-Time, full-waveform, shot-profile, common-azimuth, VTI, TTI, and HTI anisotropic migrations.

Partners in Time and in Depth --- GeoTomo and Z-Terra: We believe that this strong partnership will provide our clients two systems that truly complement one another: GeoThrust 2D/3D seismic data processing and imaging, and Z-Terra advanced depth imaging." Said Dr. Oz Yilmaz, Chief Technical Officer, GeoTomo

The integration developed by GeoTomo in support with Z-Terra, is part of GeoThrust - seismic processing software solutions. GeoTomo will offer the integration starting with version 4.0 of GeoThrust to be released Q4 2019. The integration is available for purchase from both GeoTomo and   Z-Terra as a software product or processing services.

For more information about GeoTomo please visit www.geotomo.com, and www.z-terra.com for more information about Z-Terra.

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