

# **TOMOPLUS V6.3**

## **Release Notes**

(Released October 28, 2020)

### **2D/3D/TIME:**

- 1) Improved Remove Poor Picks to show shots and receivers that were removed in map display

### **2D/3D/PREP:**

- 1) New module DASCOMP to perform DAS amplitude compensation
- 2) Improved module SCSCALE for surface consistent scaling to normalize shot and receiver scalars
- 3) Improved module MEDIANFILT

### **2D/3D/IMAGING:**

- 1) Added a Geometry Map and more waveform QC tools for full waveform inversion
- 2) Added ability to display misfit and cross correlation time shift for full waveform inversion QC

### **2DVIEWM/3DVIEWM:**

- 1) Improved handling of scientific units when converting segy to .3mdlb
- 2) Improved flexibility for text file for Compute Fast and Slow Velocities
- 3) Import anisotropy map can now extract the azimuth values along a layer as well as a constant depth
- 4) Added ability to Clip Models with negative values
- 5) Improved Extracting 2D model from 3D model
- 6) Added ability to plot a Azimuth vs. Offset Rose Diagram for any specified .gtt file
- 7) Added ability to Add/Subtract/Merge Model to take Minimum, Maximum, or Square Root of models

### **2D/3D/STATS**

- 1) Added option for “Smooth Model Statics” to compute statics to correct for moving from a velocity model at topography to a smooth model with a floating datum as the topography.

### **Other**

- 1) Removed “rsh” implementation
- 2) Utility Display Segy Trace updated with ability to plot amplitude spectra, RMS amplitude and/or attributes from trace headers above or on top of seismic