



Geomatic Solution

SEISMIC DATA QA/QC

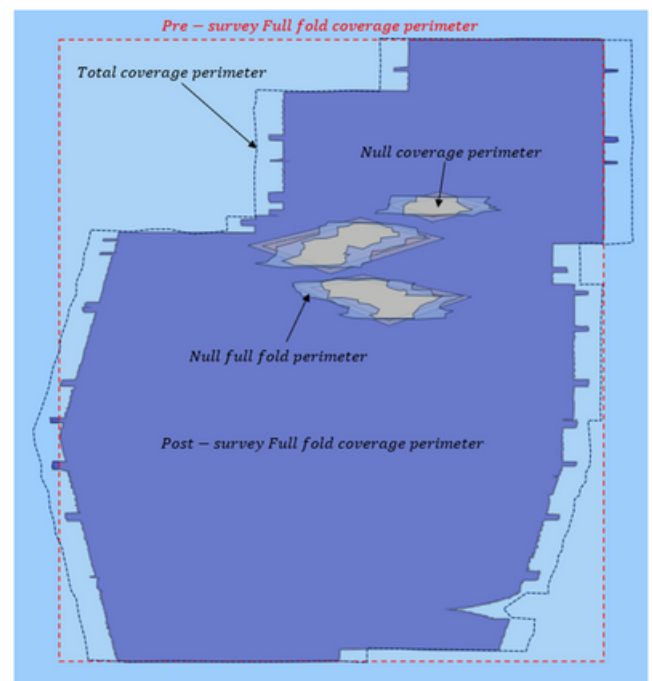
Our workflows and tools are largely automated with respect to error detection which combined with the experience and proficiency of the analyst create a formidable combination that ensures all geo-spatial data relating to your seismic trace data is assigned the appropriate quality indicator and is accompanied by all relevant metadata

WHY?

- Geo-spatial positioning errors weaken seismic resolution, highlighting the critical link between geophysics and geomatics.
- Contaminated seismic data can trigger costly, irreversible mistakes in key business decisions.

OUR GOALS

- Ensure geoscientists avoid wasting valuable time and resources
- Prevent unnecessary financial losses from using unfit data
- Eliminate the need to fix horizontal and vertical mis-ties after they occur



SEISMIC DATA QA/QC

Using our matured QA/QC workflows (automated and manual) and extensive software applications, we are able to determine the usefulness of the seismic positioning data, to identify potential pitfalls that degrade the seismic trace data. This is an integral step in the upstream data life cycle. The use of legacy seismic trace data is still prominent as it offers value to the geoscience teams.

SOLVING THE LEGACY METADATA CHALLENGE



Older seismic data often lacks the metadata needed to replicate original acquisition areas



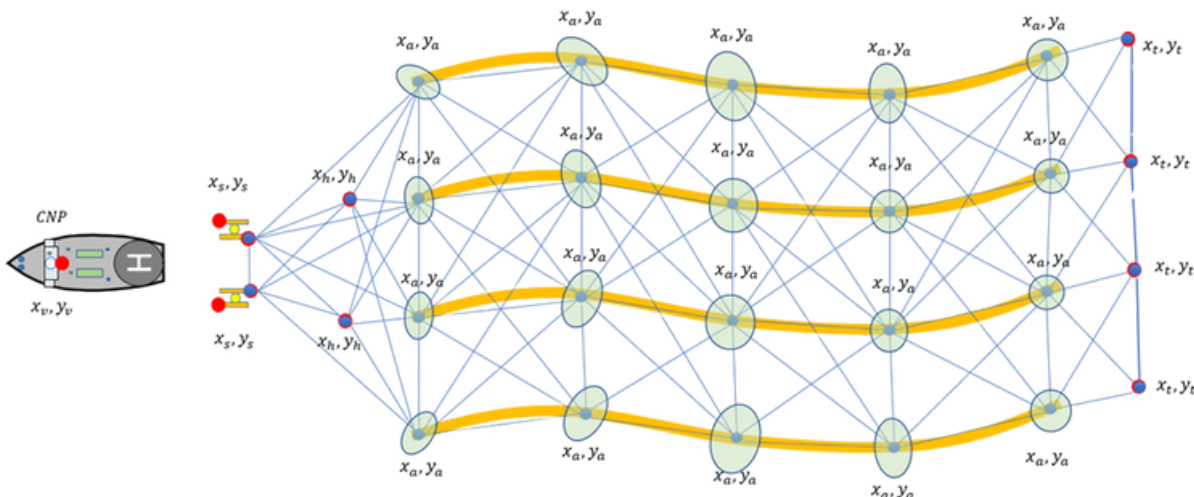
Our tools import data seamlessly, even when formats are inconsistent or outdated



Export with confidence to all industry-standard formats (IOGP, UKOOA, SEG-Y, SPS, etc.)



Preserve and maximize the value of legacy datasets for modern geoscience teams





Geomatic Solution

SEISMIC DATA QA/QC

Regardless of whether the positioning data belongs to a seismic 2D survey or a seismic 3D survey the same steps of the QA workflow apply to ensure that any associated errors are minimized by editing or reprocessing. Positioning errors associated with seismic trace data will have ramifications at stages further along the life cycle of the data which it is imperative are found and eliminated

ENSURING SEISMIC DATA INTEGRITY

- Tools to identify and eliminate positioning errors in seismic data
- Improve the integrity of seismic trace data for reliable analysis
- Prevent horizontal and vertical errors from propagating into critical decisions (e.g., well location selection)
- Automated QA/QC workflows deliver results in a time- and cost-effective manner

