

SeisBin

SeisBin is a 64bit Windows based program used to visualise seismic 3D coverage, and to produce reports based on coverage criteria.

Features

- Supported file types:
 - P1/90
 - P1/11
 - SPS
- SQL database
- Geodesy from file header, or EPSG or user defined
- Bin grid parameters user defined or from P6 file
- Sampling
 - Definition of unlimited number of sampling parameter sets
 - Automatic and manual definition of offset groups
 - Inline and crossline bin expansion
- Display
 - Coverage for selected sampling parameter set
 - Bin grid
 - Source lines
 - Shot locations
 - Coastlines
 - Shapefile, DXF and CSV overlay e.g. for survey polygon, exclusion polygons, obstructions etc.
 - Display nominal and required fold
 - Specifiable plot orientation
 - Specifiable colour legend
 - Metadata at mouse cursor location
- Edits
 - Whole line
 - SP range
 - Streamers
 - Receiver range
 - Sources

- All edits are reversible
- Infill analysis
 - Definable sliding window with minimum coverage spec
 - Background process
 - Interactive process
- Reports
 - Project report
 - Parameter reports
 - Geodetic report
 - Database edit report
 - Line Reports
 - Summary
 - Statistics
 - Edits
 - Infill analysis reports
 - Areas of deficient coverage based on user defined criteria
 - User comments can be included in all reports