



### *Applications:*

- QA/QC of 2D and 3D Seismic Navigation Data. Used for FLQC by RPS.
- Final P1/90 Processing of 2D and 3D Seismic Navigation data
- Verification of compliance with UKOOA P1 and P2 data formats.
- Comparisons of processing results with contractor provided data

### *Key Features:*

- Runs as full 32 bit application on Windows 2000, XP, Vista, Win7 (32&64)
- Automated source and streamer configuration display from P2/94 data headers.
- **Display Setup** option provides a graphical display of header data directly from P2 headers.
- Automated generation of graphical displays to word processor documents or Windows Clipboard.
- P1/90 and P2/94 header format error reporting and embedded context-linked help facilities.
- **P1 and P2 import** menu items for easy importing and parsing of P1/90 and P2/94 data to internal databases.
- Graphical time series display of raw and filtered data from individual component measurements
- Automated filtering of all data sources using a Windows Wizard style interface.
- Manual selection of filtering parameters and outlier rejection criteria.
- Interactive graphical filtering or re-filtering of individual component measurements.
- Time or event based table views of data from all measurement and positioning systems.
- Easy exporting of all data tables to Excel Spreadsheets.
- **Map Viewer** provides GIS based interactive viewing of all positioning data on a shot by shot basis.
- **View Positions** graphically displays all available positioning system data on a GIS map background.
- **F Test Viewer** provides time series graphs of F test results for all acoustic networks.
- **Position Comparison** is a versatile graphical comparison tool for displaying comparisons between any 2 data series in either scatter plot, range/bearing, inline/crossline or height/depth (if applicable).
- **Compare P1** creates a comprehensive report of Sirius positions versus contractor positions.
- **Statistics** module creates statistics tables for both raw data measurements and computed positions.
- **Data Check and Statistics** compares raw data source and computed distance values for a selectable and comprehensive range of parameters. Automated report generation.
- **3D Process** performs a full source and receiver position determination process.
- **2D Process** is used when no active tail buoy data is available, typically for 2D surveys only
- **Create PI** option generates a final P1 /90 data file from SiriusSC processed data.
- **Show Header Differences** allows automated direct comparison between headers from 2 P2/94 files.
- **Set Status** allows manual changing of line status icons in user interface folders; prime, infill, Reshoot, Accepted, Rejected, Pending etc.
- **NB: Bold type** indicates Sirius facility name.

### *Minimum Recommended System Requirements:*

PC: 1 GHz Pentium desktop or notebook computer running Windows 2000/XP/Win7, with 40Gb HDD, 1 GB RAM, CDROM, suitable data exchange/transfer medium and sufficient disk storage for project data. Optional SCSI Tape drive input available on equipped systems with compatible drivers.