

SeisPos Release Notes

Date: 05 February 2010

Version: 17.15

No.	Module	Description
1.	Multiplot	Scaling options can now be applied to individual plots of groups.
2.	Multiplot	Multiplot scaling options are now saved.
3.	Multiplot	New menu option to save form to bitmap.
4.	Network Adjust	New facility to replay the adjustment. Note: previously saved node statistics are not compatible with this version.
5.	Network Adjust	Network display can now be rotated.
6.	Project	Project name length increased to 63 characters.
7.	Project	When specifying acquisition system as GATOR RECEIVER new entry for line number position within line name field for SPS version 2.1 line number format.
8.	Database	Extracted acoustic records for OBC cable positioning now adopt SPS V2.1 format version.
9.	Output	SPS V2.1 line number (was name) now conforms to f10.2, with option to override.
10.	Input	Attempts to recognise and correct if number of receivers defined in streamer section exceeds the format limit of 999.
11.	Database	Default filename for exported acoustic data for FBComp is now *.1.txt (was *.0.txt).
12.	Reports	Shot report now gives F-LSP as well as F-LGSP, and P2 file name.
13.	Multiplot, Network Display	No longer gets focus when mouse enters the form (stops hiding other windows).
14.	Final Report	Bugfix: observations with no gate or filter were reported as having the previous observation's gate/filter.
15.	Input	Format violations and warnings now appear automatically on completion of interactive input.
16.	Network Adjust	Bugfix: RGPS gunarray orientation was not being used if any RGPS nodes were co-located.
17.	Input	Bugfix: misleading error messages regarding number of receiver groups.
18.	Output	New option to use observed source depths for SPS output.
19.	Network Adjust	Bugfix: module sometimes hanging when initialising.

SeisPos Release Notes

Date: 01 March 2009

Version: 16.36

No.	Module	Description
1.	All	Maximum number of compasses allowed per streamer increased to 60.
2.	Project	Bugfix: New project name was not accepting edits when copied from existing project.
3.	Project	Maximum number of projects increased to 200.
4.	Project	Acquisition system list simplified.
5.	Project	New field for acoustic output folder when acquisition system set to GATOR_RECEIVER.
6.	Input	Bugfix: Default gate and filter parameters for "other" obs was set to NONE.
7.	Input	New option to use script file for input. Format is CSV: Path, FGSP, LGSP.
8.	Input	Bugfix: P2 file name was not being saved in project information.
9.	Input	Bugfix: GPS quality data for only one system was being input.
10.	Database	When running in automatic mode Default node offsets will now be loaded.
11.	Database	Extract FB obs utility now outputs observation time as well as SP number.
12.	Database	Extract FB can now be run as a batch on multiple lines.
13.	Database	Extract FB obs utility now outputs observation day.
14.	Database	Bugfix: Extract FB obs utility access violation when running additional files after first run.
15.	Network Adjust	New option to save derived observation SDs as project defaults.
16.	Output	New option to use P2 file name as P1 root name.
17.	Output	Bugfix: Multiple output would not report failure if a line had no records compatible with the saved configuration.
18.	Utilities	New utility to extract P2 listing from list of P2 files.

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Date: 31 January 2009

Version: 16.30

No.	Module	Description
1.	Database	Observation type letter for extracted FBComp acoustic ranges changed from "R" (horizontal range) to "L" (slope range).
2.	Database	When extracting acoustic data transponder offset from receiver is now added to file.
3.	Project	New acquisition system types Gator and Triggerfish.
4.	Input	Attempts to recognise acoustic pinger when acquisition system is Gator.
5.	Database	For Gator, reads cable number from comment records for output of acoustic data.
6.	Precon	Sets Gator-specific parameters.
7.	Database	Extracting acoustic obs now includes receiver index.
8.	Network Adjust	New function to automatically configure network for acoustic pinger using Gator dataset.
9.	Precon	Undefined user defined observations, and GPS statistics, have no gating or filtering applied by default.
10.	Precon	When acquisition system is set to Gator default precondition parameters are not used, each dataset is initially processed using the internal default parameters. Lines with different configurations may therefore be processed in the same database e.g. all lines in a patch/swath.
11.	Input	Bugfix: Gun depth sensor Y offsets were being incorrectly assigned.
12.	Project	Dropdown list is now available when creating new project so that previous project can be copied.
13.	Output	Bugfix: waypoint coordinates greater than 9 999 999 when written to H26 record were causing the record to exceed 80 characters.

SeisPos Release Notes

Date: 08 April 2008

Version: 16.00

No.	Module	Description
1.	All	Some minor batch processing bugs fixed.
2.	Project	FGSP and LGSP are now saved in line database and loaded when updating project.
3.	Project	Migration function now added to change drive/path of all projects e.g. when running on data stored in a backup location.
4.	P2 Header Diff	Multiple files can now be selected.
5.	P2 Header Diff	Reports are now saved in the project report folder.
6.	Input	Maximum number of compasses allowed per streamer increased to 50.
7.	Input	Bugfix: an opened file as not being closed.
8.	Database	Bugfix: file was being left open after loading default obs.
9.	Database	Bugfix: log file was not being closed when automatic processing.
10.	Precon	Negative ranges are now automatically rectified and log entry made.
11.	Precon	New auto-rejection based on processed Delta SD.
12.	Precon	Bugfix: plotting by node or group when not plotting all observations was causing database corruption. Plotting by node or group is now ineffective if not all observations are selected.
13.	Precon	Initial processing parameters revised – see document TD_SP03 Internal Defaults.pdf.
14.	Precon	Default key for toggling observation use is now 's'.
15.	Precon	Multiple lines can now be selected for auto-precon.
16.	Precon	Median gate now renamed to median window gate.
17.	Precon	New gate - median, uses median value for entire range i.e. not windowed.
18.	Precon	Bugfix: When applying gate to group median gate was not being applied.
19.	Precon	Bugfix: When saving default parameters median gate was not being saved.
20.	Compass Bias	Bugfix: auto-reject was not working when end compass bias was greater than a mid compass bias, with the end compass below the threshold and the mid compass above the threshold.
21.	Network Adjust	Now prompts to disable output of adjustment stats when computing vessel only network.
22.	Network Adjust	Bugfix: after flagging an observation as globally rejected in the Adjust Obs list it was still being used until the adjustment module was re-started.
23.	Network Adjust	Select nodes button can now be toggled off.

No.	Module	Description
24.	Output	The polynomial streamer shape option is now always enabled to allow output with compass streamer shaping after re-adjusting vessel position only.
25.	Output	New function to substitute specified characters in line name.
26.	Output	The specified prefix for H0203 record is now automatically stripped from the line name.
27.	Reports/Log	Filter function added to popup menu.
28.	Network Display	Mouse wheel can now be used to zoom.
29.	Multiplot	Mouse wheel can now be used to scroll through plots.
30.	Multiplot	Mouse wheel can now be used to zoom on plots: Ctrl button for X-axis, Shift button for Y-axis.
31.	Utilities	New function to split P2 files containing multiple datasets.
32.	Trend	Summary stats are now saved and re-used if unchanged to speed up data read.
33.	Trend	Bugfix: plots with more than one series configured were displaying the wrong data.
34.	Trend	Improved progress tracking.
35.	Trend	Plot generation can now be stopped.
36.	Final Report	Bugfix: Node statistics were being incorrectly read.
37.	External Data	Bugfix: was not reading data when in SP format with decrementing shots.

SeisPos Release Notes

Date: 11 March 2008

Version: 15.00

No.	Module	Description
1.	Database	Q-marine modifications now done automatically from Utilities menu
2.	Input	Bugfix: SP interval was not being correctly read.
3.	Config Plots	New series added for Precondition plots: processed minus nominal.
4.	Trend Analysis	New module
5.	Project	Recent project list added
6.	Project	Bugfix: was getting access violation after deleting a project.
7.	All	Line specific reports and logs are now saved in the Reports folder under the line database folder. Project specific reports and log are now saved in the Reports folder under the project database folder.
8.	Online Services	When creating an archive report files and project specific parameter files are now also included.
9.	Network Diagram, Network Adjust	Edit Obs Dialog now links to Edit Node Dialog.
10.	Header Diff	Bugfix: was getting access violation when first header longer than second header.
11.	Output	Echosounder data will no longer be used if its E record is not selected for output.
12.	Main	Bugfix: Automatic batch processing was stopping after input of the second line.
13.	Network Adjust	Speed increased significantly.