

## SPSPro Release Notes

**Date:** 15 April 2011

**SPSPro Version:** 6.23

**FBComp Version:** 4.17

No.	Module	Description
1.	Main	Now prompts for SPS format revision if undertermined.
2.	Scan	Bugfix: was misreporting format violations for records H201, H210 and H30.
3.	Compare	New option to disregard index numbers.
4.	Compare	Bugfix: Report entry for number of points compared was not showing properly.
5.	Main	Bugfix: Option to override SPS v2.1 line number position was not working when files were initially loaded into the software.
6.	Compare	Compare: bugfix: error in flagging time based point matching.
7.	Compare	New option to specify method of point matching.
8.	Setup	When auxiliary file line number columns were changed program had to be restarted for changes to take effect.
9.	Scan, Database	FSP and LSP numbers reported did not account for lines shot in multiple passes in opposing directions.
10.	Scan	Now assumes that the lowest receiver index number does not have to be a 1.
11.	Scan	Bugfix: was falsely reporting receiver number increment exceptions.
12.	Compare	Percentage samples criteria now apply to all selected series.
13.	Compare	Individual comparison criteria can now be applied to each series.
14.	Compare	Bugfix: percentage failures was being misreported.
15.	Utilities	Bugfix: conversion to P1/90 gave source id in wrong column.
16.	Database	When saving file the line name for SPS format V2.1 is now taken from the line name and not the line number (which may be a substring of the line name).
17.	Database	Bugfix: relation record line number was not being correctly parsed from text line name when changing format options.
18.	Scan, Database	FSP and LSP were being mis-calculated under certain circumstances.
19.	Main	Now allows user specified SPS format revision to be applied to all files of undeterminable format.
20.	Utilities	Now writes shapefile when record type is blank.
21.	Compare	Source comparisons now use only digital part of instrument code for differentiating sources.



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No.	Module	Description
22.	Utilities	File filter for SPS files changed to *.s*   *.r*
23.	Compare	Bugfix: access violation when trying to compare receiver datasets.
24.	Utilities	New utility to convert P1/90 to SPS.



## SPSPro Release Notes

**Date:** 23 February 2010

**SPSPro Version:** 6.06

**FBComp Version:** 4.12

No.	Module	Description
1.	Compare	Point matching no longer depends on file sort order.
2.	Compare	Point indexes added to csv file output.
3.	Compare	Open report folder button added.
4.	Compare	Bugfix: when point index was set to Auto points were being compared sequentially regardless of index.
5.	Scan	Relation records are no longer checked for SP number increment.
6.	Database	Data records are now numbered.
7.	Compare	New feature to compute multiple percentage pass on radial difference.
8.	Compare	Individual sources are now compared separately.
9.	Main	Memory allocation error now provides error message.
10.	All	Now supports SPS format revision 2.1.
11.	Main	Bugfix: Split file utility did not support SPS format version 2.1.
12.	Compare	From/to station numbers in summary file were corrupted.
13.	Database	Bugfix: change in line number was not being saved.
14.	Setup	New option to override line number position in record for SPS format revision 2.1 files.
15.	Setup	Bugfix: when line number position was changed program had to be restarted, or affected data types re-read, for change to take effect.
16.	Utils	Edit with CGG exclusion list updated to SPS format v2.1.
17.	Scan	Bugfix: relational file format check for "to channel" was for columns 44-47, should be 44-48.
18.	Scan	Bugfix: number of unique shots in relational file was being misreported.
19.	FBComp	Number of observations input and used are now recorded for report and plots.
20.	FBComp	Now supports SPS format revision 2.1
21.	FBComp	New pre-defined data format for SeisPos generated acoustic data.
22.	FBComp	New option to override SPS format v2.1 line number columns.



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No.	Module	Description
23.	FBComp	Bugfix: Observation report line and id numbers were not written properly.
24.	FBComp	Min and max pick time now applies to slope range (type L) observations.
25.	FBComp	Pick plot display now has option to toggle plotting of good and rejected picks.
26.	FBComp	Clicking on a pick on the pick display now displays the network and statistics for the associated receiver.
27.	FBComp	









## SPSPro Release Notes

Date: 01 March 2009

**SPSPro Version: 5.79**

**FBComp Version: 4.08**

No.	Module	Description
1.	All	Memory allocation bugs fixed.
2.	Main	New utility to split SPS file into constituent lines.
3.	Setup	Colour keys can now be interpolated from first and last values and colours.
4.	Compare	Now supports CSV file output.
5.	Compare	All attributes can now be compared.
6.	Compare	Index to use for comparison is now specifiable.
7.	Compare	Interface redesigned and now supports batch processing.
8.	Compare	Time comparison for S file search now based on <= 1 sec.
9.	Database	Bugfix: interpolation of killed receivers did not work properly with more than one index.
10.	Database	Auxiliary files are now included in the database.
11.	Database	Bugfix: Was getting access violation when saving line database.
12.	Database	Bugfix: memory access violation when copying a line to another file.
13.	SPS to P1/90	Now supports SPS records up to 255 characters long. Only first 80 are used for conversion.
14.	Map	Tidal reduction button added, when toggled down and plotting water depths tidal reductions (recorded in Surface Elevation field) will be applied.
15.	Map	File name field added to information panel.
16.	Map	Code and index plot flags can now be applied to auxiliary points.
17.	Map	Popup menu added with function to kill/unkill point.
18.	Utilities	New utility to apply record exclusions using CGG edit list.
19.	FBComp	Bugfix: Receiver depth computation ambiguity addressed i.e. depth cannot be negative.
20.	FBComp	Acoustic transponder offset is now applied automatically when using SeisPos generated acoustic data file.
21.	FBComp	Source positions are now stored in two arrays sorted on time and sp respectively to support hybrid data formats.
22.	FBComp	Data format now supports day of observation (required if observations span more than one day).











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## SPSPro Release Notes

Date: 01 July 2008

**SPSPro Version: 5.61**

**FBComp Version: 3.08**

No.	Module	Description
1.	Main	Number of source or receiver records was limited to 99999, now has no limit.
2.	FBComp	Bugfix: Superfluous data records were being created when based in time when no corresponding source records existed.
3.	FBComp	User defined 1 format now supports time data.
4.	FBComp	Bugfix: Rejected obs were being partly used in acoustic solution.
5.	FBComp	Bugfix: After modifying the data format or file selection the module had to be re-started before the new settings took effect.
6.	FBComp	Graphics resources increased to prevent out of resource error when maximising network display window.
7.	FBComp	Source files are now automatically sorted on time of first record before reading.
8.	FBComp	New option to compute receiver depths when using slope ranges.
9.	FBComp	Predefined formats for Trackpoint II data now supported.
10.	FBComp	P1/90 format now supported for source files.





## SPSPro Release Notes

Date: 14 May 2008

**SPSPro Version: 5.60**

**FBComp Version: 3.00**

No.	Module	Description
1.	Database	Copy, paste and function now operate with block cell selection.
2.	Setup	Instrument code lists are now compiled from data records.
3.	Main	Recent project list added to main menu.
4.	Time Series	Station interval now included.
5.	Map	Mouse wheel is now used to zoom.
6.	Multiplot	Mouse wheel can now be used to scroll through plots.
7.	Multiplot	Mouse wheel can now be used to zoom on plots: Ctrl button for X-axis, Shift button for Y-axis.
8.	FBComp	Clicking on a computed receiver now displays the plot for that receiver.
9.	FBComp	USBL X & Y, range and bearing observations now supported.
10.	FBComp	Receivers can be constrained to drop positions in solution.
11.	FBComp	Implemented fully integrated solution combining all observation types.
12.	FBComp	Receiver list popup menu now with option to display observations for selected receivers.
13.	FBComp	Parameter interface improved.
14.	FBComp	Recent project list added to menu.



























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