



Sound Velocity Correction in SBMAX64

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A common piece of user feedback is that, up until now, SBMAX64 (the 64-bit SINGLE BEAM EDITOR) was incapable of displaying the sound velocity correction in the spreadsheet. This was an important feature to have for users so that they could visually confirm the correction, and export it along with the others in the spreadsheet.

Figure 1 shows a sample sound velocity column which is found in display options under “SV Corr”.

FIGURE 1. Sample Spreadsheet

The screenshot shows the 'Spreadsheet - Depth' window in SBMAX64. It features a 'Display Options' panel on the left with a list of fields including 'SV Corr'. The main area displays a table with the following data:

	Time	Corr. Depth 1	SV Corr
503	09:47:01.194	46.58	0.65
504	09:47:01.260	46.48	0.65
505	09:47:01.324	46.56	0.65
506	09:47:01.389	46.55	0.65
507	09:47:01.455	47.10	0.64
508	09:47:01.529	46.56	0.65
509	09:47:01.584	46.55	0.65
510	09:47:01.650	46.79	0.64
511	09:47:01.716	46.76	0.64
512	09:47:01.779	46.84	0.64
513	09:47:01.845	46.81	0.64
514	09:47:01.910	46.71	0.64
515	09:47:01.974	46.91	0.64
516	09:47:02.040	46.61	0.64
517	09:47:02.105	46.71	0.64

If you aren't already aware, this value can be exported, with other configured values, to a CSV (Comma Separated Values) or space separated file in SBMAX64:

In the spreadsheet window, click [Export] to bring up the Export display window (Figure 2). From there you can select whether you would like to export all lines into a single file or create one file per line. Various formatting options are also available, such as including record numbers, showing column titles, or time formatting.

FIGURE 2. Export Options

