

**Date:** August 19, 2024  
**Subject:** Silas release notes V3.11.4.0

Dear Silas user,

Silas V3.11.4.0 is now available. This release contains improved versions of both Silas Acquisition and Silas Processing. Stema has added new functionalities to this release as well as addressed some bugs and resolved some issues. If you currently have an active maintenance contract, you can download the release using either of the following buttons.

**DOWNLOAD 32-bit SILAS V3.11.4.0**

**DOWNLOAD 64-bit SILAS V3.11.4.0**

If you currently are not in possession of a maintenance contract and would like to have more detailed information about this maintenance program you can contact our sales department ([sales@stema-systems.nl](mailto:sales@stema-systems.nl)).

The highlights of the new Silas release are:

**Silas Acquisition:**

- Added PASHR and IXsea TAH motion string formats for heave input.
- GPGGA position string option added. **WARNING:** This is not directly compatible with Silas as it contains spherical coordinates instead of cartesian coordinates, but can be used for time synchronization and XYD files will contain the necessary amount of decimals to retain spherical coordinate accuracy.
- Fixed bug that could stop the software from opening when serial connection initialization options are corrupted.

**Silas Processing:**

- Added option to export Shape files.
- 'Delay recording time' can now also be exported as 4-byte integer in bytes 237-240 of SEG Y trace headers to accommodate very large delay values.





- Updates to Frequency filter window:
  - o Ormsby filter added.
  - o Preview window added.
  - o Legend for frequency spectrum graph added.
  - o Option added to display frequency spectrum for entire line instead of single trace.
  - o Cleaned up user interface.
- Added 'Tide to Samples' option that sets the tide correction to the lowest value found in the line and corrects all other traces by adding a delay at the top of the trace.
- Optimized addition of variable delay recording time when importing SEGY generic, resulting in less space used in memory and on disk.
- Trace header start byte from which to read tide data is now fully user selectable during SEGY generic import.
- Modify SEI now also creates SEI files with new formatting including depth settings.
- Bug fix: Big endian SEGY Rev1 (32) exports now also export correct millisecond values in bytes 233-234 of the trace headers.
- Bug fix: Line opened during creation of project now also has batch processing applied.
- Bug fix: Tide is now also loaded from XYD file when Tide is selected during 'Reload Survey Data XY' option while 'XYZ depth is tide' is not checked during project setup.

If there are problems starting the software this might be due to active firewalls blocking the Silas software.

If you have any questions, feedback or inquiries for developments to be made, please inform us as we would gladly try and take this into account for our next release. You can send an e-mail to [support@stema-systems.nl](mailto:support@stema-systems.nl).

Best Regards,

Stema Systems