



a xylem brand

SonTek Software Release Notes

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RSQ Software Version 3.1

SonTek, a Xylem brand has released RSQ software version 3.1.

- Section 1 describes new features available in software version 3.1.
- Section 2 gives information for updating to software version 3.1.
- Section 3 gives contact information for SonTek.

1. Changes and Features in Software Version 3.1

Moving boat:

- Extrap code updated to match Qrev 4.34
- Option for the automatic application of Extrap added to Settings
- Ship track orientation option added like "Autorotate" in RiverSurveyor Live
- *Zoom to all* now default for plots when opening new measurements
- User Edge Coefficient option added to Edge Dialog
- USGS Velocity Mapping Toolbox compatibility
- Discharge Summary - added Compass Calibration, System Test results, and ability to remove QA/QC warnings
- Gauge Height info added to Edge Dialog and Discharge Summary
- Added .SUM file to ASCII export
- Various useability improvements and small bug fixes

Stationary

- Extrap code added to match Qrev IntMs
- Pitch, Roll and Magnetic Error added to plots
- Mean Section: Velocity Correction Factor (manual coefficient and Chezy's) added for Edge Stations
- Various useability improvements and small bug fixes

2. Installing the Software

To install RSQ software:

- a. Go to the SonTek website and download the RSQ software zip file from the "software" tab on the RS5 page here: <https://sontek.com/rs5>
- b. Unzip the file.

- c. Run one of the two *.msi installation files corresponding to the Windows OS (32-bit or 64-bit) of the PC. Be sure to click checkbox for “I accept the terms in License Agreement” and then click “Install”.
- d. Wait for the software to be successfully installed.
- e. You are now ready to use RSQ software to collect moving boat and stationary discharge measurements with an RS5.

3. Contact Information

We welcome any comments, questions, or suggestions you have regarding RSQ software version 3.1.

SonTek Support

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