

# Geometrics Survey Manager Release Notes

Version 3.6.1460

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## Version 3.6.1460

### Changes

- Changes to the navigation menus.
- Support for import of .magdata files from all MFAM instruments, plus support of import from file data on instrument SD card storage.
- Support for GDB export to Oasis Montaj 2025.2.

### Issues resolved

- Version 3.5.1433 created corrupt project files, for projects created in Survey Manager. This issue was reported by a customer using surveys that used marked navigation. This error caused a hard failure; a user could not mistakenly collect and export invalid data. Projects and surveys created in MagNav were not affected by this issue. This issue has been fixed.
- Survey Manager exited immediately, sometimes with a notice, when attempting to open a corrupt or invalid project file. Survey Manager now reports that a file is not valid and does not exit immediately.

### Known issues

- SRVMGR 70 - After importing data into a survey from a .magdata file, Survey Manager does not import additional survey data.[Create a project and survey. Import data from a .magdata file or other raw data file. Try to import data again, into that survey or into another survey in the same project. Survey Manager will report an error. Work around this error by exiting Survey

Manager and then importing data. This issue does not appear when importing data into 2 different projects.]

- SRVMGR-71 - After editing one survey and then creating another, the second survey displays attributes from the first survey. [Create and edit a survey in Survey Manager. Create another survey in the same project. It erroneously shows attributes from the first survey. Either exit Survey Manager and re-enter, or re-open the same project file, to obtain a clean second survey.]

## Version 3.1.1385

Changes:

- MagArrow Converter supports exports from dual-sensor and 2KHz MagArrow, and includes new command-line arguments. Run the program without arguments to see the new requirements. Existing scripts will need to be updated to meet this requirement.
- Screen navigation in Survey Manager has been changed to emphasize instrument type, and additional instrument types have been added.
- Import and export functions now report errors and important data conditions in more detail; those functions now create log files. In particular, some GNSS anomalies are fixed and reported.

## Version 2.3.1164.4

Upgrade to this version is recommended for MagArrow customers. It is optional for G-864 customers; it is compatible with existing G-864 versions, but includes no improvements for G-864.

Changes:

- This version significantly reduces the time for MagArrow Quick Conversions, which take MagArrow data from the dot-magdata format and create CSV and GDB databases. This change may enable customers to review data from large surveys while still in the field, when such review was not feasible with prior releases.
- Export progress and completion UI is cleaned up:
  - At the end of the export the user sees a message that says that export is completed successfully. Without this message the status of the export could be unclear.
  - The progress bar and the main window are now attached and always appear together. Previously one might need to hunt down both windows separately in order to understand export progress.

## Version 2.3.1164.3

Upgrade to this version is mandatory for G-864 customers, but is not required for MagArrow customers.

G-864-related features:

- Fixes an anomaly in exports from G-864 surveys: Exports from GPS-based G-864 surveys conducted in the Southern Hemisphere, with non-zero sensor offsets from the GPS, will have incorrect latitude values. The error should be obvious to G-864 users; in the survey in which this anomaly was first noticed, the latitude was off by >1km.

The code problem existed only in the export from Survey Manager; data collected by the G-864 instrument does not need to be re-surveyed. This error exists only in G-864 exports, i.e. does not affect MagArrow surveys. Users can re-export any survey data from the new Survey Manager, using existing G-864 .DBT files.

This update is a mandatory update for all G-864 customers, and accompanies mandatory upgrades for G-864 Embedded and MagNav for those customers.

- Supports tablet timestamps for marked acquisitions, as described in release notes for G-864. This feature does not affect other products.
- Changes to the display of mark locations in marked surveys, in CSV exports: column headers have been changed from “x” and “y” to “x/lat” and “y/lon”. This feature only affects customers using G-864.

## Version 2.1.1139.0

MagArrow-related features:

Along with changes in *MagArrow Embedded* version 2.2-1585-502, this version of Survey Manager fixes a minor error in the interpolations of location for MagArrow records. From the release notes for MagArrow:

“These versions both correct a minor error in the interpolation of locations for MagArrow records. At a drone speed of 30mph, the prior reported location for each individual measurement would have been off by about 3 cm. This should not have a material effect on survey results (this difference is smaller than the accuracy of the GPS measurement itself), but customers importing and exporting a previously analyzed survey might notice that the exported data are different. This resolves issue MAG-44.”

## Version 1.0.1034:

- Add decimation options to the export of MagArrow data to CSV and Geosoft data formats: users can now convert 1000Hz data to 10, 20, 25, 50, and 100 Hz exports, as well as export the original 1000Hz data.
- Improve the handling of exports on non-US-locale systems. In prior releases, exports on such systems were inconsistent, and users needed to change the machine locale to en-US.