

## Release Notes

### NavView v3.4.3 (May 3, 2022)

The following list the changes of note in release v3.4.3+16 since the release of v3.4.1, divided into General Improvements, New Features and Bug Fixes.

#### New Features

- ADCP Profile
  - Add external elevation and orientation control option to the live continuous profiles.
- Device - Mirror Output
  - New device enabling the mirroring of a selected device's input as output on another port.
- Device - NmealInput
  - Added support for \$PASHR message under the NmealInput device
- Layback Connection
  - Added support to import and export the Layback table from and to a csv file
  - Added export of the layback barge track based on multiple track options directly to the Route Export device, as a survey line, a geographic csv file, a grid csv file and an AutoTrack csv file.
  - Removed now redundant export option in the Pipelines.
- Quick Fixes
  - Add Quick Fix reporting c/w image capture from video input, report templates, data query and management of Attributes
- Special Versions
  - Implement a secured version that does not display any position data or information that would allow a user to determine where the project location is.

#### General Improvements

- 2D Map View
  - Add support for rendering a hatch as a simple closed polyline.
  - Enable user to specify the font size for DTM contour map labels.
- Data Recording/Query
  - Change database custom file location to a relative path to make copying of the station to a new station easier.
  - Added display of time zone and tooltip on query schedule Run Now view.
- Quick Fix
  - Add default CSV option for quick fix reports.
  - Added support for adding a new waypoint automatically from a Quick Fix.
  - Added a configurable maximum observation age to reject observations that are too old for a fix.

- Routes
  - Add support to Pipelines to handle polylines with curves with an arc > 180° and those starting on curves.
- Web View
  - Clicking the Save button now prompts user for path to save .png screen capture to.
  - Allow multiple web views to be added to a single workspace.

## Bug Fixes

- 2D Map View
  - Fix follow mode being turned on after panning when it was not supposed to be.
  - On loading AutoCAD files, scale entity thickness by block transform if required.
  - Addressed missing display of AIS target names on 2D Map view.
- 3D Map View
  - Create Straight Line Connection in the 3D Map view on creation/loading of line. It was not being created in the view until one of the ends was updated.
- Data Recording/Query
  - Fixed issue with exporting interpolated data archive data query results to a survey line.
  - Improve user messaging for case of data archive position CRS no longer present in project when data base is queried.
- Device - Configurable Output
  - Fix sizing of configurable output configuration view.
- Device - HYDRINS
  - Corrected handling of pitch decoded from STD BIN message to reverse sign before publishing to match NavView convention.
- Module - Anchor Handling
  - Corrected issue when an anchor was unassigned from an AHV, the associated Guidance Calculation was not updated on unlicensed NavView remotes resulting in the associated graphical and text information remaining.
- Move Plan
  - Address cause of fatal crash in Move Plan 3D graphics.
- OrcaFlex GRPC Connection
  - Corrected serializing the hierarchical data sources to correct abbreviated data source paths as the default column headers when a quick fix is queried.
- Playback
  - General fixes and improvements to data replay process.
  - Changed so all data sources are not automatically selected as a default.
- Project Wizards
  - Correct import of existing station when creating a new project to address issue of the geodesy configured via the new project wizard not being applied to the project.
- Routes
  - Corrected logic error associated with determining center of a curve.
- Time Series View
  - Correct issue causing an exception in a Time Series view configuration.