

Origin Viewer release notes

Version 2.2.6

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2.2.6

Release summary

This software release introduces filtering of the PD0 input to remove DVL data so that data can be streamed and logged successfully from an ADCP/DVL mission.

Associated firmware versions

The following instrument firmware versions have been tested with this software version.

Instrument	Firmware version
Origin 600 ADCP	1.0.3.0
SPRINT-Nav Mini	1.3.641
SPRINT-Nav Gen 4	2.00.00.2529

Associated software versions

The following associated software versions have been tested with this release of Origin Viewer.

Package	Software version
Hyper V Manager	10.0.26100.5074
Windows	11
Ubuntu	22.04.5

New features

Reference	Description
ADCP-2774	Introduction of filtering PD0 input to remove DVL data

2.2.5

Release summary

This software release fixes a problem where the manual couldn't be downloaded. The manual has been updated and the quick start guide has been removed – this document is now incorporated within the manual.

Associated firmware versions

The following instrument firmware versions have been tested with this software version.

Instrument	Firmware version
Origin 600 ADCP	1.0.2.8
SPRINT-Nav Mini	1.3.641
SPRINT-Nav DP	1.00.00.1801
SPRINT-Nav	3.07.00.2139
Syrinx DVL	3.02.40.00

Associated software versions

The following associated software versions have been tested with this release of Origin Viewer.

Package	Software version
Google Chrome	Version 136.0.7103.116
Windows	11
Windows	10
Ubuntu	22.04.5

New features

Reference	Description
ADCP-2714	Origin Viewer manual has been updated and now incorporates quick start guide

Bug fixes

For more details on any of the fixes below please contact Sonardyne customer support.

Reference	Description
ADCP-2714	URL changed, ADCP manual download now works

2.2.4

Release summary

This software release fixes an issue where faulty log files were being recorded when logging PD0 files from Origin ADCP or Sprint-Nav. These could not be opened in Origin Viewer. Origin Viewer now only logs to file once a complete PD0 record has been received which has fixed the issue.

Associated firmware versions

The following instrument firmware versions have been tested with this software version.

Instrument	Firmware version
Origin 600 ADCP	1.0.2.8
SPRINT-Nav Mini	1.3.641
SPRINT-Nav DP	1.00.00.1801
SPRINT-Nav	3.07.00.2139
Syrinx DVL	3.02.40.00

Associated software versions

The following associated software versions have been tested with this release of Origin Viewer.

Package	Software version
Google Chrome	Version 136.0.7103.116
Windows	11
Windows	10
Ubuntu	22.04.5

Bug fixes

For more details on any of the fixes below please contact Sonardyne customer support.

Reference	Description
ADCP-2585	Origin Viewer only logs to file once a complete PD0 record has been received

2.2.3

Release summary

This software release provides new software functionality, improved performance and reliability and implements usability improvements in line with customer feedback.

New additions and changes include:

- Addition of beyond boundary masking feature
- Improvements in robustness/handling input files
- Minor User Interface updates

New features

Reference	Description
ADCP-2084	Added transparent colour to cells in waterfall plot when they are filtered out
ADCP-2083	Automatically set colour scale range to the min and max values. Prevent automatic resetting of axis min and max values whenever enabling sleep period display
ADCP-2072	CSV download consistent with mission mode, CSV download location specified by the user
ADCP-1700	In mission mode indicate which files are being viewed
ADCP-2145	Added popup to notify the user when a CSV file has been generated
ADCP-1758	XC threshold button consistent with min and max settings
ADCP-2188	Added tooltip for directory field in mission dialog
ADCP-2250	Greyed out XC threshold feature when XC data is displayed
ADCP-2068	Validated input range for display setting when viewing percentage good data
ADCP-2390	Added save display setting functionality
ADCP-1931, 2530	Hide beyond boundary feature for A-gram and B-gram

Bug fixes

For more details on any of the fixes below please contact Sonardyne customer support.

Reference	Description
ADCP-1944	Logging behaviour consistent with streaming
ADCP-1989	Corrected logging button border width
ADCP-1974	Corrected ping text cut off
ADCP-2093	Corrected pitch and roll plot in the metadata graph for A-gram and B-gram
ADCP-2138	Corrected directory checking function
ADCP-2140	Corrected incorrect type scope which meant sleep duration was truncated
ADCP-2058	Initiated CSV reference frame dropdown in the plotting options panel settings
ADCP-2076	Added dialog to alert the user of possible causes when data processing is taking a long time
ADCP-2430	Corrected transposing function to take the maximum length of all rows
ADCP-2422, 2421	Added speed and bearing columns in the CSV download and re-labelled the column headers with the correct component name
ADCP-2479	Truncated legend min and max values to only two decimal places
ADCP-2272	Fixed loading issue when switching between mission and streaming mode
ADCP-2417	Corrected speed of sound Fixed blanking data blanking distance for echosounder B-grams
ADCP-2415	Fixed B-gram mission beam index value
ADCP-2491	Font fix
ADCP-2510	Force the reference frame to reset when switching files / missions

2.1.6

Release summary

This is the third published release of Origin Viewer Software, designed to be used with the output data from the Origin 600 ADCP, SPRINT-Nav, Syrinx and SPRINT-Nav Mini products.

Notes

SPRINT-Nav Mini support
Added new plotting and display options
Extended CSV export options
Added compensation options for INS and bottom track velocities
User Interface realignment

Example plots of SPRINT-Nav mini ADCP data corrected with INS velocities are below:

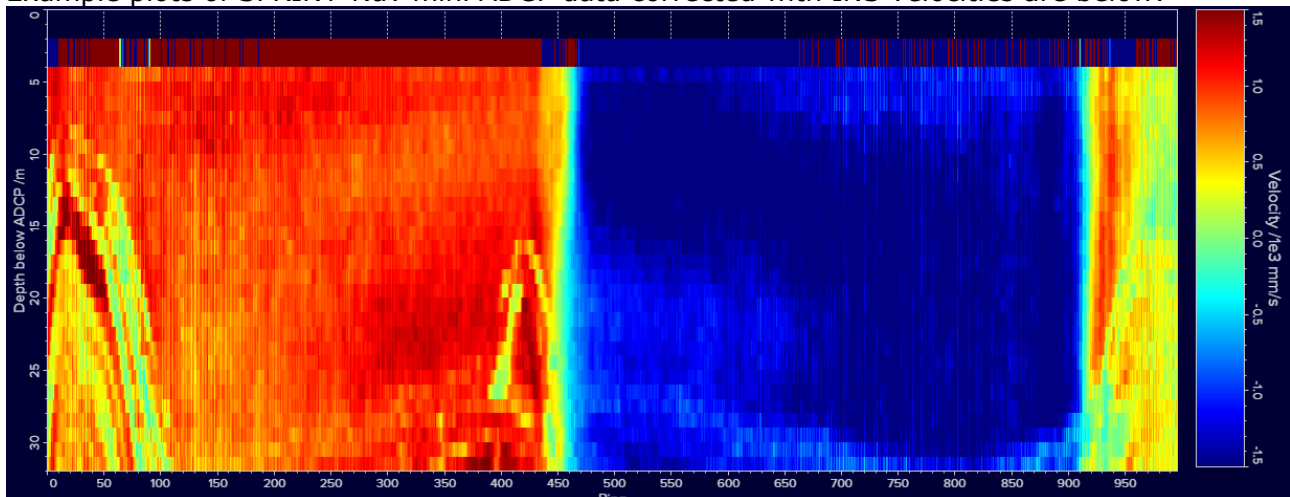


Figure 1 - SPRINT-Nav mini Dynamic ADCP without INS velocity correction

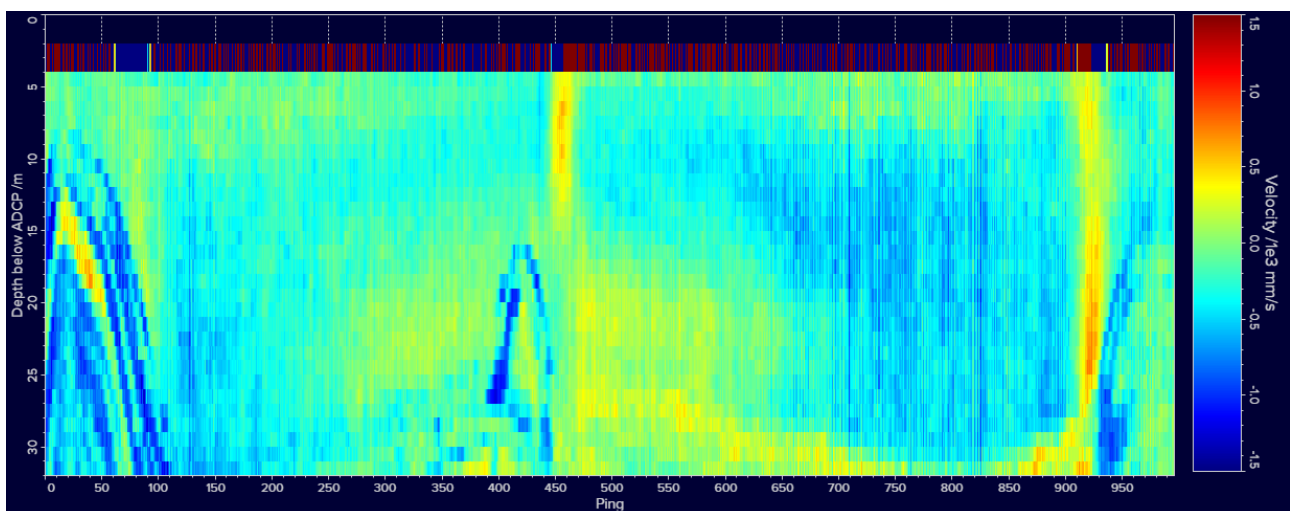


Figure 2 - SPRINT-Nav mini Dynamic ADCP with INS velocity correction

2.0.5

Release summary

This is a major release of Origin Viewer with several key new features listed below with minor feature updates.

Notes

Add Mission (multiple files) Viewing Capability

Add Streaming and Logging Capability

Enhanced CSV Export

User Interface realignment

Update Manuals

1.2.6

Release summary

This is the first published release of Origin Viewer Software, designed to be used with the output mission data from the Origin 600 product.

Notes

Initial release at launch of product.

Additional information

SPRINT-Nav mini version 1.2.607 is limited to 150 ADCP bins, to be increased in a future release.

Contact information

For further support please contact:

24/7 emergency helpline

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