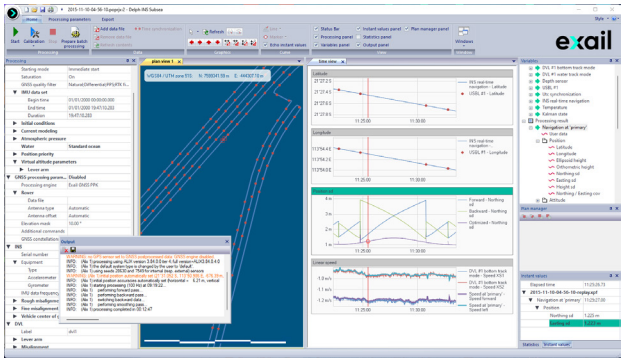
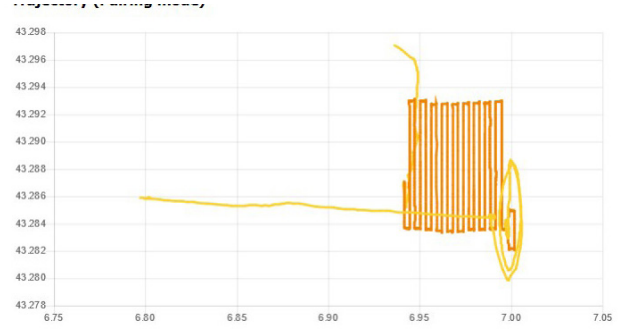
Delph INS Subsea

Post-processing software for Exail's INS-based navigation





Delph INS Subsea is the post-processing and batch productivity tool for the Exail's INS subsea product range (Phins Subsea, Rovins, Rovins Nano and Phins Compact Series). During operations, it helps you closely monitor your navigation systems (Exail's and third-party sensors). In post-processing, it enables you to optimize your data using a range of enhancement tools such as INS/DVL post-mission calibration or generating QA/QC reports, allowing you to extract the maximum value from your data. You not only have the assurance of receiving the best from your navigation, but you also gain the capability to address any issues encountered during the survey.

DELPH INS SUBSEA WILL:

- Allow you to post-process your data with custom INS settings
- Integrate data from external sensors that could not be connected to the INS during the survey or provided by a third-party processing tool
- Enhance the quality of the data using dedicated algorithms
- Help you evaluate different positioning scenarios
- Generate QA/QC for real-time and post-processing navigation
- Allow you to conduct INS/DVL calibration offline and fine tune the results

Specifically designed for subsea applications such as ROV, AUV and tow fish operations. Delph INS Subsea offers powerful data editing and processing functions together with data export capabilities.

MAIN FEATURES

- Allows in depth and comprehensive optimization of the data
- Enhanced data processing
- Edit, modify data, add or remove aiding sensors
- Powerful import and export tools
- Intuitive and user-friendly user interface
- QA/QC reports generation
- INS/DVL post-mission calibration

BENEFITS

- Easy and intuitive navigation improvements
- Smooth post-processing integration of your other navigation sensors (GPS, USBL, LBL, DVL, pressure...)
- Quick and easy integration in processing workflow
- Does not require in-depth INS knowledge

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contact@exail.com | www.exail.com
EMEA +33 1 30 08 88 88 | Americas +1 888 600 7573 | APAC +65 6747 4912

REQUIREMENTS / COMPATIBILITY

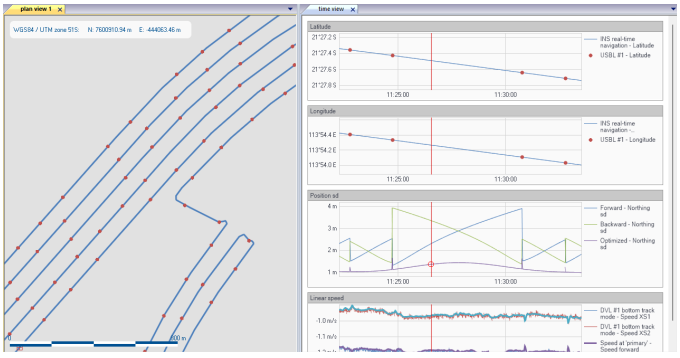
Minimum workstation configuration	Microsoft Windows 10, Windows 11, Intel Core - 2 GHz - 4 Gb RAM
Input file formats	Exail POSTPROCESSING protocol Industry standard protocols (GPS, USBL, LBL, DVL, etc) Column separated text files
Output file formats	Industry standard file format (KML, ESRI Shapefile, GML, SBET) Plain text file Specific file format on request

LICENSING

Local hardware	Perpetual license provided through a USB dongle that can be transferred to different workstations. One year Extended Maintenance Agreement (EMA) included.
Local software	Perpetual license provided through a software license attached to a single workstation (can be transferred to another workstation if decommissioning occurs). One year Extended Maintenance Agreement (EMA) included.
Network software	One year license installed on a server that can be accessed by any workstation on the network (local or remote).
Extended Maintenance Agreement	Extended perpetual licenses provides access to the most recent software releases.

DATA BROWSING AND ANALYSIS

- Plot the variables (real-time data and reprocessed data) in time views
- Easily display the vehicle trajectory within plan views
- Synchronize time and plan views for an easier analysis
- Compute trajectory separation and perform statistical analysis

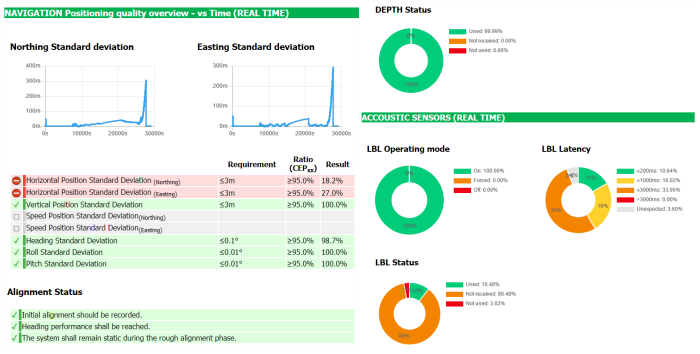


QA/QC REPORT GENERATION

In one click, during or after the mission, generate a full report about the navigation quality and sensors use:

- The report can be based on raw real-time data log or reprocessed data
- Quickly get access to a full overview of your mission's quality

Get a focused report on specific points: USBL, LBL, DVL



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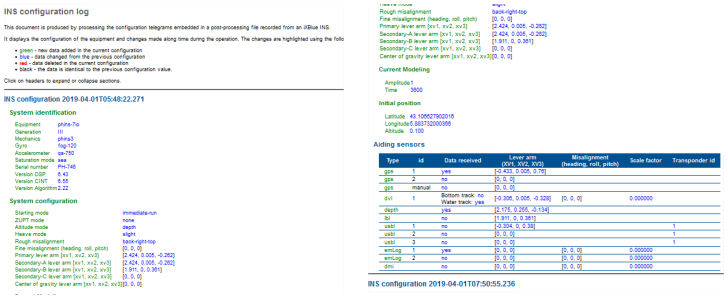
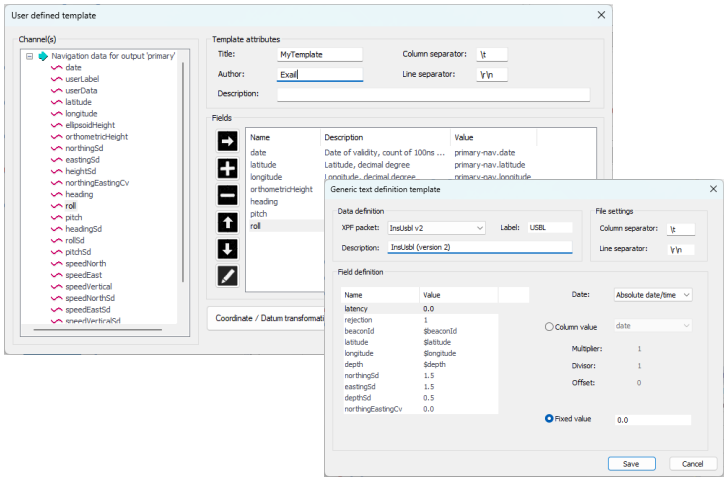
INS CONFIGURATION

Comprehensive monitoring of changes to system settings and status that occurred during your survey



USER DEFINED IMPORT AND EXPORT

Wizards help you to easily import or export data from or to column-oriented text files.
This function allows you to process data that was not available during the operation, and then transfer the results to third-party software.



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