

Delph INS

Post-Processing software for iXblue's INS-based navigation

Delph INS is the post-processing and batch productivity tool for the iXblue's INS subsea product range (Phins Subsea, Rovins, Rovins Nano and the Phins Compact Series).

In real-time, it helps you closely monitor your navigation systems (iXblue's and third-party sensors). In post-processing, along with all its previous features, the new version now allows you get the most of a day's work with various enhancement tools like INS/DVL post-mission calibration or QA/QC reports generation. Not only do you have the insurance that you obtain the best from your navigation, but you also get the ability to fix any problem encountered during the survey.

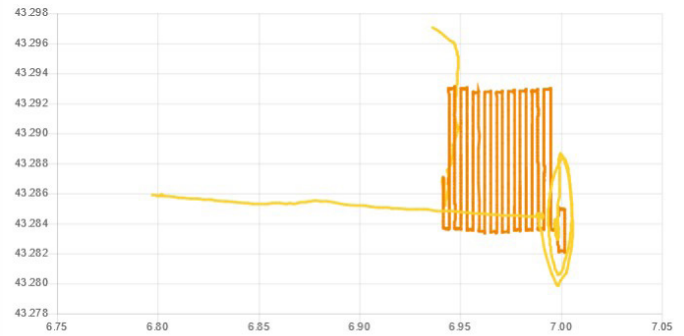
Delph INS will:

- 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 report for real-time and post-processing navigation
- Allow you to conduct INS/DVL calibration offline and fine tune the results

Available in several versions specifically designed for subsea applications such as ROV, AUV and tow fish applications, Delph INS offers powerful data editing and processing functions together with data export capabilities.

SENSOR General overview (POST-PROCESSED) (POST-PROCESSED)

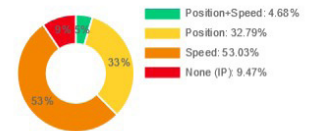
Trajectory (Pairing mode)



Aiding sensors

<input checked="" type="checkbox"/>	GPS ₁
<input type="checkbox"/>	GPS ₂
<input type="checkbox"/>	GPS ₃
<input checked="" type="checkbox"/>	USBL ₁
<input type="checkbox"/>	USBL ₂
<input checked="" type="checkbox"/>	LBL
<input checked="" type="checkbox"/>	DEPTH
<input checked="" type="checkbox"/>	DVL(bottom track)
<input checked="" type="checkbox"/>	DVL(water track)

INS Pairing mode



MAIN FEATURES

- QA/QC reports generation (new)
- INS/DVL post-mission calibration (new)
- Customizable map projections (new)
- Automatically computed UTM projections (new)
- 2D plan view (new)
- Specific "Out-of-straightness" data smoothing option (new)
- Export INS configuration (new)
- Forward/backward data processing, edit/modify data, add/remove aiding sensors
- Powerful export tools
- Intuitive and user-friendly man machine interface (MMI)
- Several versions tailored to various market applications

BENEFITS

- Easy and intuitive navigation improvements
- Smooth post-processing integration of your other navigation sensors (GPS, USBL, LBL, DVL, pressure and others)
- Quick and easy integration in processing workflow
- Does not require in-depth INS knowledge
- Cost effective and scalable solution for all applications

