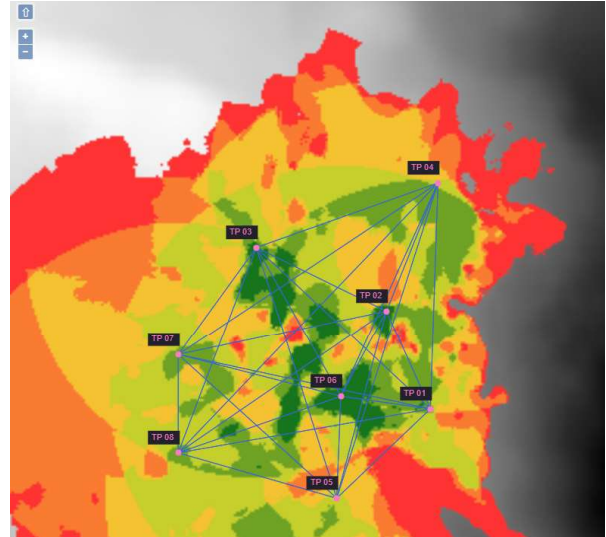


Delph Subsea Positioning Software

LBL Array Planning module

Delph Subsea Positioning is an intuitive and dynamic software used for the preparation, the operation and the post-processing of iXblue subsea positioning products.

The LBL Array Planning module is dedicated to the preparation of LBL jobs. The software analyses acoustic propagation by taking into account the Digital Terrain Model and the Sound Velocity Profile. It produces real time visibility map for LBL acoustic transponders and transceivers.



FEATURES

- Manage Sound Velocity profile
- Display DTM
- Drag and drop transponders
- Display visibility map
- Display acoustic line of sight between transponders
- Automatic report generation

BENEFITS

- Easy and intuitive
- Real time computation
- Does not require any acoustic knowledge
- Cost effective

CHARACTERISTICS

- Supported platform: Win10 x64
- Processor: Intel Core i5 2 Ghz
- Memory: 4 Gb

SOUND VELOCITY PROFILE

- Edit a Sound Velocity from a data base (selection of location and date)
- Import a Sound Velocity profile from a file (field selection tool)
- Optimisation algorithm
- Different models for conversion of CTD to SV
- Export file

VISIBILITY MAP

- Import of a Digital Terrain Model
- Import of a Sound Velocity profile
- Import of a field layout
- Import of structures
- Creation or import transponder list
- Flying mode: constant depth or altitude
- Selection of transponder height
- Acoustic line of sight between transponders
- Automatic report with transponders positions, depth and line of sight between transponders

INPUT FILE FORMAT

- .xyz or .tif (geotiff) for DTM
- .txt for SV
- DXF for field layout

COMPATIBILITY

- Ramses
- Canopus transponder

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