Survey Software

August 2007
NaviPac
Multibeam Data-acquisition
Online

NaviScan
Contour
MB Calibration

NaviEdit
NaviModel
DTM manipulation
Export of Data

NaviPlot
Contours
Profiles

Sensor Data:
- GPS
- Gyro
- RPH
- PPS
+++}

TimeBox

GPS
Gyro
RPH
PPS
+++}

Position

Online
Multibeam Data-acquisition

Navigation

Charting
Export of Digital Plots

Navigation
2D/3D Helmsman

Editing of Data
Exporting of Data

Cleaning of Data
DTM manipulation

SQL Database

Sensor Data:
- MBE
- Gyro
- RPH
- PPS
+++}

Export

AutoCad
Google Earth

Export

Contour
Profiles

*.NPD
ASCII-data

*.SBD
Binary data

*.XYZ
ASCII data
*.NED
Binary data

Export

Downloaded from EIVA's website: https://www.eiva.com
EIVA A/S Software - NaviScan

**NaviScan**

Multibeam Survey Software

**APPLICATIONS** - The NaviScan software, designed for vessels and ROV/NAV based marine surveys, provides multi-beam sonar and display of data from multi-beam sonars, ranging and profiling systems, echo sounders, etc.

**DEVICES**

- **NaviScan - 3D Processors**
- **NaviScan - 4D Processors**
- **NaviScan - 5D Processors**
- **NaviScan - 6D Processors**
- **NaviScan - 7D Processors**

**SYSTEMS**

- **NaviScan - 3D Series**
- **NaviScan - 4D Series**
- **NaviScan - 5D Series**
- **NaviScan - 6D Series**
- **NaviScan - 7D Series**

**OPTIONS**

- **NaviScan - 3D Processors**
- **NaviScan - 4D Processors**
- **NaviScan - 5D Processors**
- **NaviScan - 6D Processors**
- **NaviScan - 7D Processors**

**SOFTWARE**

- **NaviScan - 3D Survey Software**
- **NaviScan - 4D Survey Software**
- **NaviScan - 5D Survey Software**
- **NaviScan - 6D Survey Software**
- **NaviScan - 7D Survey Software**

**TECHNICAL SPECIFICATIONS**

- **NaviScan - 3D Survey Software**
- **NaviScan - 4D Survey Software**
- **NaviScan - 5D Survey Software**
- **NaviScan - 6D Survey Software**
- **NaviScan - 7D Survey Software**

**PRODUCTS**

- **NaviScan - 3D Survey Software**
- **NaviScan - 4D Survey Software**
- **NaviScan - 5D Survey Software**
- **NaviScan - 6D Survey Software**
- **NaviScan - 7D Survey Software**

**CONTACTS**

- **EIVA A/S**
- **NaviScan**
- **Support**
- **Sales**
- **Technical Support**

**TECHNICAL SUPPORT**

- **EIVA A/S**
- **NaviScan**
- **Support**
- **Sales**
- **Technical Support**

**TELEPHONE**

- **EIVA A/S**
- **NaviScan**
- **Support**
- **Sales**
- **Technical Support**
EIVA A/S Software - NaviEdit

NaviEdit
Survey Data Editing Software

APPLICATIONS - The NaviEdit survey data editing software is designed

for real-time editing of survey data collected using EIVA's own

and third party Survey Systems like the EIVA NCS.
EIVA A/S Software - NaviModel

**NaviModel**
Survey Modeling Software

**APPLICATIONS** - The NaviModel software provides advanced tools for the generation of Digital Terrain Models (DTM) based on triangulated regular networks (TRN) and triangulated irregular networks (TRI) models. It can also process topographic data from other sources, including 2D or 3D scanned data and aerial images.

**DATA REDUCTION** - Data reduction procedures ensure high-quality DTM models, which are suitable for various applications such as environmentally friendly design, urban planning, infrastructure development, and more.

**PRODUCT SPECIFIC**
- TRI and TRN (Triangulated Regular Network)
- NaviModel for 2D and 3D data processing
- Custom layouts for 2D and 3D data visualization
- High-resolution 3D modeling

**SOFTWARE SPECIFICATIONS**
- Triangulated Regular Network (TRN)
- Triangulated Irregular Network (TRI)
- TopoMap (topographic maps)
- NaviModel for 2D and 3D data processing

**FEATURES**
- Data reduction procedures
- Custom layouts for 2D and 3D data visualization
- High-resolution 3D modeling
- NaviModel for 2D and 3D data processing

**CONTACT**
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EIVA A/S Software - NaviPlot

NaviPlot
Fair Sheet Production Software

APPLICATIONS - The NaviPlot software provides the ability to print on windows-based computer system. The user can view areas of concern with light intensity, colour, shape, and size. NaviPlot features scaling of elements and allows easy access to the technical software package.

NAIPI - The layout is controlled by one of the three methods: the primary functions being the main menu and the zooming out to a smaller scale. Each layer can be sized and centered or centered on its own. This makes it possible to scale layers to different sizes in the main menu and under one contents. A layer can be removed or added to the drawing.

FRAME PROPERTIES - The properties of a frame consist of three types of features: the frame content, the frame, and the frame position. Each layer can be sized and centered on its own. A layer can be removed or added to the drawing.

MOUNTED AREA - A scale bar is aligned to a contour line drawn on the map and is included in a variety of different sizes available.

COLOUR PALETTE - A colour palette is displayed when the mouse cursor is moved over the palette.

GRID - A grid overlay is displayed on the map to aid in measurement, calculation, or other applications.

IMPORT FILE TYPES - The most commonly used data formats are supported, including KML, DXF, PDF, and CAD files.

EXPORT FILE TYPES - The supported file formats are PDF and DXF.

PRINTING - Printing is controlled through standard Windows features.

CALIBRATION - The calibration settings are not printed on the map but are printed in the printout.

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