

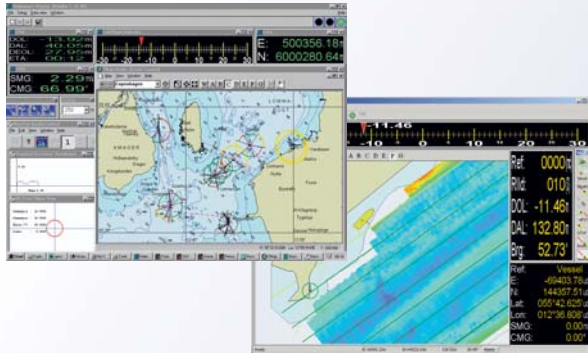
Company Profile

Marine Survey Solutions



LINE OF BUSINESS – EIVA is dedicated towards the marine survey industry providing products and services within the following areas:

- Survey Software
- Systems Integration
- Oceanographic Instrumentation & Production
- Survey Equipment Sales
- Equipment Rental
- Technical Services and Support

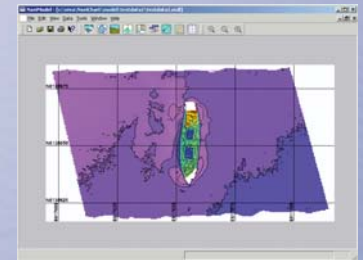
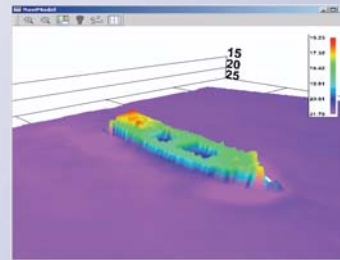


SURVEY SOFTWARE – The marine software product suite comprises software for all aspects of marine surveying a/o:

- Integrated Navigation and Data Acquisition
- Multibeam Echosounder Data Acquisition
- Quality Assurance
- Data Editing
- Modelling
- Charting

The software product suite is written for Microsoft Windows NT, Windows 2000 and Windows XP and the user interface adheres to The Microsoft Interface Guidelines. All EIVA software products are made according to ISO9001 principles for system design.

SYSTEMS INTEGRATION – EIVA designs and integrates customized system solutions for marine surveying based on thorough identification of customers needs and requirements. We undertake responsibilities for management and execution of complex integration of well-proven products from approved sub-contractors with our own software product suite. Our know-how at system level – technical and financial – secures cost-effective system solutions tailored to customer requirements.



OCEANOGRAPHIC INSTRUMENTATION – Design and manufacturing of oceanographic products and integrated systems solutions for marine-, environmental- and oceanographic monitoring. The product range includes towed undulating vehicles designed for high-speed collection of oceanographic data.



SURVEY EQUIPMENT SALES – We represent leading manufacturers of advanced survey equipment and instrumentation for marine applications. We closely monitor the development of new products in the market for possible addition of these into our products representations. For the majority of products we have the capability to provide warranty repairs, service and maintenance, in-house as well as in the field.

EQUIPMENT RENTAL – We hold a considerable pool of survey equipment for rental to support the marine survey industry. We are striving to include in our equipment pool state-of-the-art technology for a/o navigation, positioning, sonar, seismic, hydrographic and oceanographic equipment.

TECHNICAL SERVICES – EIVA has a team of highly specialized electronics engineers providing technical services and field support, maintenance and repair as well as systems integration and installation. Our technical knowledge of the equipment used by the survey industry is extremely broad. We have many years of off-shore experience gathered through participation in a wide range of marine surveys worldwide, as technicians, engineers, operators or acting as clients' representative.

Software Product Suite

NAVIPAC – Integrated navigation and data acquisition software suitable for general navigation, hydrographic and oceanographic surveying, geophysical surveying, ports and harbours surveying, pipeline surveying, rig moves, etc. NaviPac features an extensive number of projections and spheroids and supports ECDIS charts overlay with DTM's generated on-the-fly. Options available for NaviPac comprise:

- Sonardyne LBL positioning
- Barge/tug management system
- Cable and flexible pipe lay

NAVISCAN – Multibeam survey software offers the optimal solution for acquisition of data from multibeam echosounder, scanning and profiling sonars, pipe-trackers etc. NaviScan provides data collection, time tagging, logging and data processing in real-time environment. Options available for NaviScan comprise:

- Patch test calibration for multibeam echosounders
- Multi-beam side scan backscatter imagery

CONTOUR – Quality control and DTM software featuring graphical displays of average depth, min/max depth, data density, standard deviation, etc. Display of contour curves are specified by profiles defined by mouse click and drag. Presentation of colour-coded coverage plots allows monitoring of overlays between actual and previous surveys as well as non-coverage areas. 3D data view features facilities for sun illumination, zoom & pan, perspective view setting, rotation and move around with close real-time feeling.

NAVIEDIT – Survey editing software comprising advanced tools for data import, interpretation and editing. NaviEdit handles data from all primary and secondary survey sensors including multibeam echosounder data, scanning and profiling sonar data, etc. Facilities include use of multiple tide- and sound velocity profiles. NaviEdit allows export of data for modelling and presentation using NaviModel/NaviChart software or standard graphics software applications. Option available for NaviEdit comprise:

- Pipeline inspection for processing of survey data to generate data pertaining to pipeline inspection

NAVIMODEL – Survey modelling software for generation of Digital Terrain Models (DTM) based on either Triangular Regular Network (TRN) or Triangular Irregular Network (TIN). NaviModel comprises facilities for data reduction and cleaning as well as smoothing of models. Features include model arithmetic like adding/merging of models, generation of derived models, volume/area computations, generation of profiles and contour curves, etc. Data displays comprise a/o 2D colour-coded views as well as ability to rotate sun illuminated 3D views with free-flight feature and presentation of data relative to different sea levels.

NAVICHART – Survey charting software with facilities for final presentation of marine survey data. NaviChart provides a set of layout templates for easy and fast presentation of final charts, but it also allows for creation of customized chart lay-outs through definition of a/o paper size, plot output, line and hatch styles, fonts etc.