



EIVA a/s

Marine Survey Solutions

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EIVA is a leading supplier of software and integrated systems solutions for marine navigation and surveying. Based on proven software EIVA designs and integrates customized systems solutions for naval surface and sub-surface navigation as well as mine countermeasures (MCM) and hydrographic surveying.

The navigational systems referred to as Navigation Data Management Centres (NDMC) and Reference Data Distribution Systems (RDDS) provide the link between navigational sensors and the users of navigational information onboard a naval platform.

The systems perform tasks comprising:

- Initialisation, monitoring and control of navigational sensors
- Data acquisition and recording of navigational sensor output
- Pre-conditioning of sensor data
- Data fault detection
- Internal data distribution within the navigational system

Given valid navigational sensor data the following tasks are performed:

- Navigational data processing
- Data formatting
- Navigational data distribution

Finally the systems provide functions for:

- Supervision of operational status
- Simulation functionality

The mine countermeasures systems are customized to meet specific needs and requirements of the end-user navy and may

utilize existing sensors in combination with new ones. The systems provide facilities comprising:

- Planning
- Preparation
- Mine search
- Detection/classification
- Identification
- Disposal

The hydrographic survey systems are designed to meet IHO Standards for Hydrographic Surveys Special Publication No. 44 Edition 4. The systems allow for integration with mine countermeasures systems utilizing existing sensors and equipment for dual-purpose operation.

EIVA holds extensive technical and financial system know-how securing cost-effective systems solutions based on Commercial Off the Shelf (COTS) products.