

News Release

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Data Management System on Marine Scotland vessel Scotia

Werum equips a second Scottish research vessel with DAVIS-SHIP

Lueneburg, May 6 2009 – Werum Software and Systems has equipped the Scottish research vessel Scotia with the DAVIS-SHIP test data management system. The DAVIS-SHIP system has already been installed on FRV Alba na Mara. Both vessels belong to the Marine Scotland fleet.

This latest project establishes DAVIS-SHIP as the standard system on these research vessels. Werum adjusted DAVIS-SHIP to the requirements of FRV Scotia by configuring and parameterising the system. No specific programming was required, and the project was completed in four months.

Currently used on most German research vessels DAVIS-SHIP is designed to record, process, visualise, distribute, and archive maritime measurement data.

DAVIS-SHIP captures the measured data from all the devices and sensors installed on Scotia. The system provides a wide range of scalability and can be adjusted through simple configuration, for example, in order to temporarily connect devices required for a specific mission. The system's archiving component stores all the data, and automatically generates archive records on storage media. These are then supplied to the connected land-based system for further use.

DAVIS-SHIP can run unattended, and this reduces the crew's workload. There is no requirement for an on-board system administrator, as the system is serviced by specially trained land-based personnel.

DAVIS-SHIP is a user-driven system: Werum regularly makes ongoing improvements to the system in response to requirements suggested by the user community, and is constantly integrating new functions to benefit all users – from scientists and shipping companies to government agencies.

About Marine Scotland

Marine Scotland is a directorate of the Scottish Government which has responsibility for marine science, planning, management and monitoring measures. It brings together the functions of Fisheries Research Services (FRS), the Scottish Fisheries Protection Agency (SFPA) and the Scottish Government's Marine Directorate. Enquiries can be directed to:

marinescotland@scotland.gsi.gov.uk

FRV Scotia was built by Ferguson Shipyards in Glasgow. The 60-meter vessel is based in Aberdeen. The Scotia's main operational areas are the North Sea and the North-East Atlantic. In this region, the research vessel monitors fish populations and supports research into the effects of different fishing techniques on fish stocks.

Meet Werum

Werum will be presenting its maritime IT solutions at the **Oceans 2009 IEEE** fair in Bremen, Germany, from 11th to 14th May 2009. Join us at booth no. 35 in hall 4.

Werum Software & Systems designs standard software products and implements complete software systems for customers involved in research, industry, trade, media, and public administration. The IT vendor offers a wide range of maritime applications for use in ocean research. Werum's platform in this sector is DAVIS-SHIP, a test data management system specially developed for research vessels. DAVIS-SHIP operates successfully on large and medium-sized German and international research vessels, where it manages scientific data captured by onboard equipment instrumentation or remotely operated vehicles (ROV). Werum's PERPLEX® software is a computer-aided system used for dynamic planning and execution of marine scientific expeditions. Last but not least, Werum has accumulated wide-ranging expertise in marine environmental monitoring networks. Companies like Airbus, Audi, Volkswagen, and the German Aerospace Center are amongst Werum's customers for products and solutions which manage test and measurement data. The IT company was founded in 1969 and is headquartered in Lueneburg, Germany. It currently employs more than 335 people in Germany, the USA, Japan, and Singapore.

If you would like further information on Werum's maritime competence or on reference projects, solutions and products for navigation and ocean research, please visit www.marine.werum.de.

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