

Vessel Safety on the Optimal Track

Seaware and AMI offer Onboard Weather Routing with Ship Motion Prediction

Seaware AB and Aerospace & Marine International (AMI) have joined forces to bring a complete package of weather routing, onboard tracking and seakeeping systems to the maritime transportation industry. This joint professional partnership is expected to positively impact vessel safety and operational efficiency.

Seaware AB is a highly regarded Swedish company providing software based solutions for on board usage. Their team of naval architects have developed a family of leading edge software ranging from basic route planning tools to advanced real-time seakeeping guidance systems. The most advanced Seaware system provides continuous information on wind and wave conditions, plus the expected vessel response under various speeds and headings. The system gives early warning and guidance whenever a vessel's safety limits are expected to be exceeded. Installation of this advanced system is simplified by using a single, six-degrees-of-freedom (6-DOF) sensor which is installed on the bridge.

Seaware's products have a proven track-record and have been installed on 100+ vessels sailing in all the oceans of the world. "Seaware's systems have been extensively tested and gained recognition as a significant contributor to safety," says Anders Olander, a founder member of Seaware AB. "Seaware is very excited about working with AMI who is recognised as a world leader throughout the shipping industry."

Aerospace & Marine has developed advanced routing software and built the most experienced ship routing and vessel performance analysis staff in the industry. Their optimized route recommendations are customized for each ship and projected voyage with special consideration for operator requirements. Skilled analysts maintain the routings through close consultation with the ship's master.

AMI CEO and founder George Carlsgaard states: "Forecasting accuracy has increased in recent years, but the new volume of data requires a specialized organization to combine and interpret it. Seaware's real time seakeeping and ship motion prediction technology heightens the level and scope of service we are able to provide to our customers."

AMI was founded in 1991, is based in California and has offices and affiliates in Europe, Korea, UAE, Australia and South Africa. Seaware, based in Sweden and founded in 1995, has a long history developing advanced seakeeping systems in conjunction with the Royal Institute of Technology, Stockholm.

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