Transas Marine launches ECDIS simulator

August 2012 – Transas Marine launches its ECDIS simulator fully compliant with the new STCW 2010 requirements. The ECDIS Simulator is built on the company's well-proven navigational simulator platform Navi-Trainer Professional 5000 (NTPRO 5000).

The newly launched simulator is based on the Transas Navi-Sailor ECDIS Multifunction Display MFD 4000 with inbuilt Navi-Planner voyage planning software, both fully compliant with the latest performance standards for shipborne navigation equipment. It also incorporates Chart Delivery Server Emulator for charts delivery, charts updates and licenses updates in automatic mode which is a critical issue during ECDIS training. Among other new options are fictitious area database, new training chart folios and weather forecast.

New ECDIS simulator is designed in accordance with all regulations related to ECDIS training, namely STCW Code A (Section A-I/12) and STCW Code B (Section B-I/12); Performance standards for shipborne navigation equipment IMO A.817(19), IMO MSC.191(79), IMO MSC.232(82), IEC 80/598; DNV Standard for certification No.2.14 Maritime Simulator Systems (January 2011); IMO Model Course 1.27 (May 2012).

As stated by the requirements, Transas' ECDIS simulator operates in two configurations: Classroom/Lab Simulator and Mini Simulator.

**ECDIS Classroom/Lab simulator** allows to conduct training on the Management level, which includes procurement management, licensing and update of chart data and system software, create and maintain system configuration, backup files and route plan files, etc.
The configuration consists of Instructor Station with Instructor Software, Chart Server and Video Logger/Playback; Trainee workplaces with MFD master and backup stations, Visual channel, Conning and Navi-Planner; and a server with NTPRO Software & Areas and Ship Models database.

**ECDIS Mini simulator** configuration provides knowledge in navigation at the Operational level and grants a thorough understanding of Electronic Navigational Chart (ENC) data, data accuracy, presentation rules, display options, safe monitoring and adjustment of information, including own position, sea area display, mode and orientation, chart data display, route monitoring, user created information layers and radar overlay functions.

ECDIS Mini Simulator configuration includes Instructor Station with Instructor Software and Video logger/Playback; Trainee workplaces with ECDIS/ECS, Radar and Conning, plus Video logger as optional addition; and Server with NTPRO Software & Areas and Ship Models database.

Training is the key to success when a ship owner decides to invest in ECDIS. Transas ECDIS simulator presents an eminent modern solution for the maritime training with its primary function to contribute to the safety of navigation.