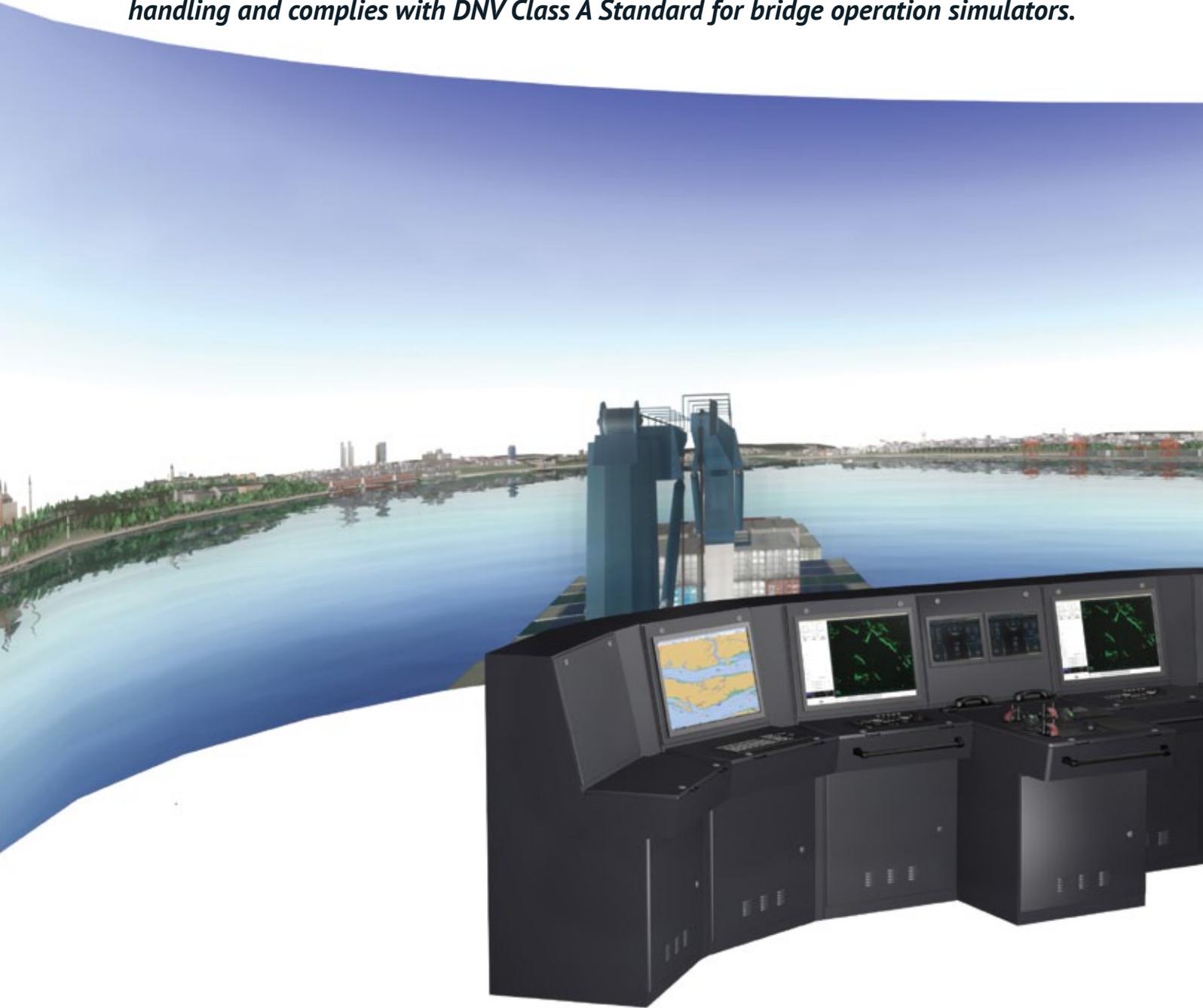# IS Full Mission Bridge Simulator

Image Soft Full Mission Bridge Simulator is a complete training environment for ship handling and complies with DNV Class A Standard for bridge operation simulators.

- *Realistic visuals and training scenarios loyal to original surroundings*
- *Genuine control levers and steering equipment*
- *Intuitive to teach & learn, scalable and flexible*
- *Customizable to new ship types, control systems and training areas*

Image Soft Full Mission Bridge Simulator is a complete training environment for ship handling, and it complies with DNV Class A Standard for bridge operation simulator. Its genuine control devices and steering equipment together with highly sophisticated visuals (up to 360°) provide a true-to-life training environment for ship maneuvering.

Highly Realistic Training Environment

The simulator system imitates ship handling to the detail with its genuine steering equipment, realistic visuals and training scenarios loyal to original surroundings. The sophisticated electronic chart (ECDIS), conning and ARPA Radar display the training scheme accurately; the season and time of the day can be preset according to Instructor's choice and weather conditions changed in an instant. The system is customizable to new ship types, training areas and bridge equipment, and enables multi-bridge scenario training. An optional module, Simulator for Arctic Operations, expands its realism to extreme arctic conditions.

Certification

DNV has certified the Image Soft Full Mission Bridge Simulator to comply with Class A – Standard for Certification of Maritime Simulators No. DNV-ST-0033 June 2020, based on requirements in the STCW Convention, Regulation 1/12 and corresponding industry standard and guidelines. Issued 2021-02-24.

Ease of Use

Special attention has been placed on design of the Instructor tool, Simulation Manager, to make the teaching environment easy to use. Creating and managing training scenarios is made intuitive and the assessment of students' performance is based on real-time execution recording. Exercise-related questions can be triggered into the scenario at predefined moments, or launched by preset incidents.

Scalable and Flexible

Image Soft Full Mission Bridge Simulator is scalable with open HLA protocol, which enables coupling to multi-bridge scenarios and other simulation schemes utilizing HLA. It is customizable to new ship types and control systems as well as different port layouts of customer choice. IS Full Mission Bridge Simulator offers a safe environment for abnormal situation training in true-to-life conditions. The system can be completed by Arctic Operations Module, which offers a platform for ice navigation training.

IS Full Mission Bridge Simulator is a safe long term investment.