NAUTIS

MARITIME SIMULATION SOLUTIONS

TUG TRAINING

NAUTIS Towage Simulator - simulator solutions for tug-handling training with various propulsion systems.

VSTEP

NAUTIS FULL MISSION TOWAGE SIMULATOR

NAUTIS Simulator

NAUTIS Simulators are DNV-GL approved integrated simulator solutions satisfying the latest IMO requirements. Our simulators are developed using the latest technological advancements.

The software at the heart of each NAUTIS simulator is optimised to deliver a realistic, true-to-life simulator experience.

TYPE APPROVED PRODUCT
DNV·GL
DNVGL.COM/AF

Core Benefits

- **Ease of use** – Simple and intuitive interface allows users to quickly operate the software.

- **Realism** – Validated hydrodynamics simulate realistic physical ship behaviour.

- **Quality** – Photo-realistic render of objects and environments enhance user immersion.

- **Compatible** – Standard and open interface to connect to external equipment.

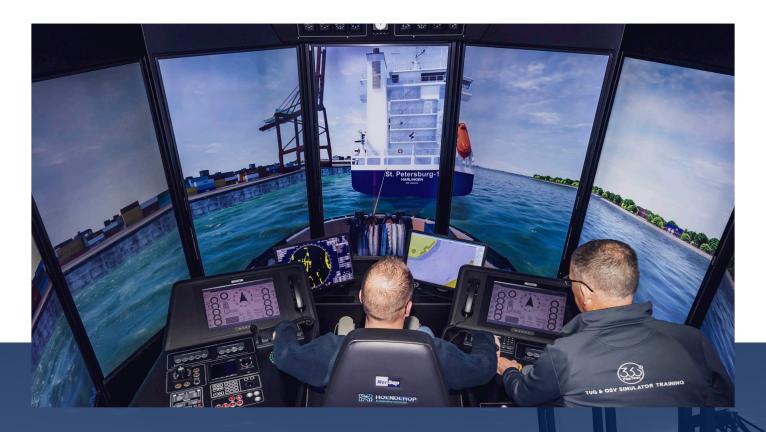## Towage Applications

Approved by tug masters.

The NAUTIS Towage Simulator allows captains to experience and train the handling of tugs with different propulsion systems. The simulator includes an easy-to-use set of instructor tools to prepare and control maneuvering exercises, multi-tug operations and ship maneuvering parameters. Overall, NAUTIS allows trainees to experience highly realistic tug training perfectly suited to boosting their skill levels.

Users are provided with a series of ports, vessels and a ship dynamics model suitable for the precise maneuvering characteristics of modern azimuth stern drive (ASD) tugs in close proximity to ships such as cargo vessels. Furthermore, effects like the repulsion force of the cargo vessel's bow wave and the suction effect caused by the propeller wash are part of the dynamics system, highlighting high realism.

VSTEP

Towage Configurations

NAUTIS Simulators have a fully scalable range of options to fit your training needs. Our hardware configurations can always accommodate your budget allowances. This makes us flexible and open for your exact requirements.

Together, we can build comprehensive educational plans for your training.

DESKTOP

PORTABLE

CLASS B

FULL MISSION

VSTEP

About

NAUTIS is a product of virtual training and simulation developer VSTEP Simulation, an ISO9001:2015 certified company based in Rotterdam, the Netherlands. We aim to train people for a safer world through the use of advanced products that serve existing markets as well as new markets not yet familiar with the benefits of simulation.

Our six leading product development principles are all geared towards optimally satisfying our users. We strive for transparency, quality, reality, efficiency, flexibility and versatility. By listening to our users, we create products that are built to optimally cater to their unique needs.