



D.P. Associates

Intuitive, Intelligent and Diverse Training Solutions

“Provides Realistic Training in Liquid Cargo Handling Anytime, Anywhere.”

LIQUID CARGO SIMULATOR TRAINING FOR INDIVIDUALS

WISECargo™ provides a complete integrated environment for the training of personnel in all aspects of the handling of liquid cargoes on board ships without the need for large simulator installations or instructors.

The ship models provide full simulation of all cargo and ballast operations including all related to cargo handling for the particular ship type.

By monitoring the actions of the student and activity within the ship model the unique WISE “Virtual Instructor” provides feedback to the trainee about his/her actions and the likely outcomes.

Trainees can then access an on-line reference library containing material that will allow them to learn and process through a cargo operation without the assistance of an instructor or supervisor.

The supplied course material provides all the information required by a trainee to learn how use the software effectively and undertake the various cargo operations.

The WISE Assessment Module can automatically assess the ability of the trainee to undertake particular task. The result of the assessment can be output in a format which may be used individual, or the company as part of a career development program.

WISECargo is supplied on CD, and can be installed on a standard laptop or PC equipped with

Windows© NT, 2000 or XP Operation Systems..

WISECARGO: LIQUID CARGO HANDLING



BENEFITS OF USING WISECARGO

To Companies

- Flexibility to conduct detailed training in Liquid Cargo Operations on board ship or in any convenient location Reduction in training cost with an increase in training potential
- Effective assessment of trainee performance when undertaking practical tasks
- Effective assessment of cargo handling procedures and performance leading to a more commercially competitive ship/fleet operation

To Trainees

- Ability to undertake real shipboard operations in a safe and stimulating environment
- Receive detailed guidance and information on how to operate the various types of equipment together with the procedures to be followed in undertaking complex cargo operations





WISECARGO: LIQUID CARGO HANDLING

Military, Government, and Commercial Clients

LIQUID CARGO SIMULATOR

Based on the highly recognized SafeCargo LCHS, WISECargo provides realistic simulation of the behavior of all the fluids and gases together with the appropriate equipment and machinery.

WISE VIRTUAL INSTRUCTOR AND ASSESSMENT TOOLS

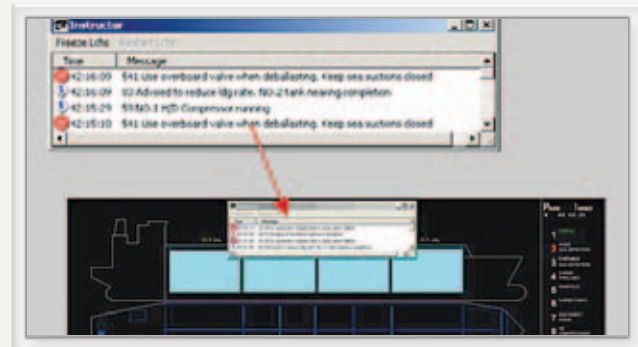
This unique facility incorporates "Artificial Intelligence" techniques to monitor the activities of the model and trainee in real-time and then output feedback appropriate to the situation. The monitoring rules have been developed with the help of subject experts and those actively engaged in monitoring student activity on cargo simulators and cover:

- Check the trainees underpinning knowledge
- Detailed reference library providing both specific and general information relating to the questions posed
- Complete cargo operations manual for the vessel concerned including procedures for each operation and the equipment involved

MODELS

WISECargo™ is currently available for the following ship models:

- 22,000m3 Fully Refrigerated LPG Carrier
- 135,000m3 LNG (Spherical Containment) Carrier
- 138,000m3 LNG (Membrane Containment) Carrier
- 165,000dwt Crude Oil/Products Tanker



Guidance messages are displayed directly to the student throughout the simulation.

Designed by DPA: The Leader in Simulation Training Since 1991.

Call DPA to learn more about purchasing a simulator or having our trainers and equipment come to your facility.

**“The risks are simulated.
The benefits are real.”**

— D.P Associates

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