

TUGS / BOATS HANDLING AND MANEUVERING SIMULATION

MAR001

COURSE DESCRIPTION

This 5-day course demands a high response from trainees and places emphasis on the practical application of Tugs & Boats handling techniques to maneuver Tugs & Boats safely and with precision. Practical Tugs & Boats handling simulation exercises are conducted and followed by a thorough debriefing and analysis of each exercise.

COURSE GOAL

To enhance the participants' knowledge, skills, and ability necessary to understand and apply Tugs & Boats handling techniques to maneuver Tugs & Boats safely and with precision

COURSE OBJECTIVES

After the completion of this course, the participant will be able to:

- Handle different types of tugs.
- Handle highly maneuverable tugs
- Aware about the effects of: fenders "towline - propeller wash interaction" radio Communication - Controllable / uncontrollable forces and varying visibility.
- Efficiently implement new tug designs, additional or new assisted ship designs or new operating areas.
- Handle and utilize the best practice in different types of boats at various circumstances.
- Knowledgeable about towing operation and towing limitations.

WHO CAN BENEFIT

Tug/Boat pilots, masters, skippers and captains

COURSE DURATION

5 Working Days

COURSE OUTLINE

- Basic Principles: An Overview
- Handling Tugs & Boats: Main Factors.
- Type of Boats and Tugs
- Tug Capabilities.
- Tug Limitations.

- Escort Tugs Technique.
- Tug safety and Interaction Effects.
- Boat safety and Interaction between Ships.
- Pivot Point and Forces Effects.
- Towing Equipment.
- Towing Limitations.
- Standard Maneuvers.
- Different Maneuvers Tug Boat.
- Current and Wind Effects.
- Emergency Procedures.
- Communication Skills.
- Combating Oil Spills.
- Seamanship Techniques and Boat Skipper Best Practice.
- Thorough Debriefing and Analysis.

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