



MARINE ENVIRONMENTAL AWARENESS TRAINING

SEAFARERS & SHORESIDE STAFF WILL GAIN AN ADVANTAGE THROUGH THIS GROUNDBREAKING MARINE ENVIRONMENTAL AWARENESS TRAINING

This training program provides knowledge that seafarers and shoreside staff require in this era of strict environmental compliance and oversight. The topics range from the complexity and diversity of the marine environment, marine ecology, impact of shipping on the environment, environmental impacts of shipboard waste, discharge and spills, environmental regulations, environmental compliance plans, environmental management systems, sustainable shipping and the role of the human element in pollution prevention.

Who will gain by taking this course?

- All seafaring and port industry personnel
- All office personnel engaged in the maritime industry
- All port and waterfront communities who want to reduce human impacts on our waterways and oceans.
- Anyone interested in protecting the marine environment

“Our environmental management system is part of our company’s effort to manage our environmental aspects, and they turn our Safety and Environmental Protection Policy into action. The benefits are tremendous for the environment and for our company.”

—Robert Bugbee, President, Scorpio Tankers Inc.



Developed by the maritime industry experts in environmental regulatory compliance, education and training:





LEARN ABOUT OUR TRAINING MODULES:

THE MARINE ENVIRONMENT

- Did you know that about 90% of world trade takes place by ship, ocean algae produce as much as 50% of the oxygen we breathe, the ocean serves as the world's largest source of protein, or that the vastness of the ocean supports approximately 2.2 million marine species—91% of which await description?
- The sea is the working environment of seafarers. This module provides a comprehensive overview of the marine environment; including why the ocean is of vital importance for humankind, the complexity and diversity of the marine environment, the basic principles of marine ecology, comparison of coastal seas and the open ocean, and the diversity of local marine areas. This knowledge helps in understanding the environmental impacts of shipping on the marine environment and the background of environmental regulations.



ENVIRONMENTAL CHALLENGES - PART I

- Do you know all the ways chemicals can enter the marine environment from a ship, why invasive species breed and spread so quickly, or what happens to a ship after its last voyage?
- This module provides a comprehensive overview of the importance of shipping for the world economy; the impact of shipping on the environment; and the environmental impact of sewage, hazardous materials and chemicals, engine emissions, invasive species, underwater noise, antifouling paint and recycling of ships.

ENVIRONMENTAL CHALLENGES - PART II

- Did you know that spills of lighter oil products such as gas, diesel and kerosene are more toxic to marine life than heavier oils like crude, plastic bottles floating in the ocean take over 450 years to break down, or that there's a continent-sized area of floating plastic in the Pacific Ocean?
- This module provides a comprehensive overview of the ecological and economic impact of oil and solid waste on the marine environment; identification of the worldwide distribution of marine litter and the existence of the so-called plastic soup; identification of the wide range of pollution prevention measures—including procedures, technical installations and new innovations; and recognizing the role we all play in personally preventing waste pollution.



SUSTAINABLE SHIPPING, REGULATIONS, & YOUR ROLE

- Did you know that environmental performance, compliance with regulations, safety and human awareness each play a significant role in the overall success of a company?
- This module provides a comprehensive overview of the importance of MARPOL regulations and other relevant IMO conventions in minimizing the impact of shipping; the importance of regulatory compliance, environmental management systems and sustainable shipping; and examples of proper procedures to significantly contribute to pollution prevention. This lesson provides a framework for each person to take an active role in balancing economic prosperity, environmental quality and social equity.

CBT Length: 2 hours - 4 Lessons / 30 minutes each

Price: \$250.00

For more information or to purchase copies, please contact publications@liscr.com or visit www.liscr.com/CBT



This course is based on the IMO model course 1.38 and meets the requirements of STCW Chapter VI.