

NEW COURSE ANNOUNCEMENT

“MARINE VESSEL OPERATIONS & THE ENVIRONMENT” BASIC ENVIRONMENTAL AWARENESS, MANAGEMENT LEVEL

1 DAY (8 hours)

Target Audience:

Mid-level and senior vessel and operations managers, Port Captains, Ship Superintendents, deck and engineering ship officers, regulatory agency personnel and inspectors, marine safety and environmental auditors, anyone with environmental management, operational or reporting responsibilities in the maritime industry

Course Objectives:

- Describe the major environmental aspects of vessel operations
- Explain the relationship between MARPOL, Flag State and Port State environmental requirements
- List the principal requirements of MARPOL (and APPS) Annex I, IV, V and VI
- Describe major environmental aspects and requirements as related to water, air and solid waste
- Provide a general explanation of potential civil and criminal liabilities
- Describe an Environmental Management System and how it can minimize environmental impacts and regulatory risk to the vessel operator

This Course Covers:

- Environmental Aspects of vessel operations
- Lines in the sea; MARPOL (and US Act to Prevent Pollution From Ships), Flag State and Port State requirements
- MARPOL Annex I – Bilge Water Management
- MARPOL Annex II – Sewage Management
- MARPOL Annex V – Solid and Hazardous Wastes
- MARPOL Annex VI and clean fuel requirements
- Ballast Water Management
- Introduction to the EPA Vessel General Permit (NPDES)
- Civil and Criminal Liabilities, corporate and personal
- Environmental Management Systems, general principles, advantages and disadvantages

Courses are scheduled at the Pacific Maritime Institute (Seattle, WA) on March 16 and April 15, 2009. Courses may be arranged at other locations and additional dates – please contact Gregg Trunnell at (206) 441-2995 for information.

This course will be a prerequisite for the two-day “EPA Vessel General Permit (NPDES)” course currently under development. Both courses will be combined and offered as a three-day session.

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Train the Trainer (“TTT”)

February 12, 2009 at the Pacific Maritime Institute, 1729 Alaskan Way South, Seattle, WA.

This Train the Trainer (“TTT”) course intended for instructors who will be teaching this course is scheduled at PMI for Thursday, February 12, 2009. Invited participants include representatives from the U.S. Environmental Protection Agency, U.S. Coast Guard and Washington State Department of Ecology.

The instructor for this TTT course is Mr. Jonathan Turvey, Senior Environmental Manager for Holland America Line. Mr. Turvey is considered one of the country’s top environmental experts in the marine industry and regularly represents Carnival Corporation, Cruise Line Industry Association (CLIA) and the NorthWest CruiseShip Association (NWCA) on environmental issues. He is a member of numerous industry working groups for developing memoranda of agreements, vessel discharge studies and other regulatory interactions. Prior to joining Holland America Line, Mr. Turvey was employed at the U.S. Environmental Protection Agency and then the Boeing Company, where he was responsible for training, auditing, hazardous waste management, air pollution control and regulatory reporting. He led Holland America Line’s successful effort to implement an ISO 14001 Environmental Management System, which was certified by Lloyd’s Register Quality Assurance in 2006.

Class begins at 0800 and ends at 1700. Lunch is provided.

Contact Gregg Trunnell at (206) 441-2995 for more information or to enroll.