

## 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) 838-7422 or via email at [gtrunnell@mates.org](mailto:gtrunnell@mates.org) for information.

➤ For future training dates at the MITAGS, please contact Captain Bob Becker at (443) 989-3235 or via e-mail: [rbecker@mitags.org](mailto:rbecker@mitags.org)

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.

