

Marine Safety Newsletter

US Coast Guard Marine Safety and Environmental Protection Directorate

'Duck' Safety an Issue

The National Transportation Safety Board (NTSB) will conduct a public forum on December 8-9, 1999 on safety issues involving the operation of amphibious passenger vessels (DUKW) known as "Ducks."

The NTSB is currently investigating the May 1, 1999 DUKW (*Miss Majestic*) accident in Hot Springs, Arkansas. This accident claimed 13 lives. Initial reports indicate the vessel sank rapidly by the stern. A Coast Guard Marine Board of Investigation conducted an investigation to determine the cause of this casualty. After raising the vessel, the Marine Board found evidence of equipment failure.

True to their original design during World War II, Ducks that are in service today operate on both land and water. Currently, these vehicles transport more than 1 million passengers a year, usually as part of a tourist excursion, and are in service in more than 16 states.

Like other watercraft the amphibious vessels are required to be inspected. Ducks operating on federal waters that carry more than six passengers are regulated and inspected by the Coast Guard. Those operating on waters under state supervision fall under the jurisdiction of the state.

Coast Guard Safety Alert

Preliminary analysis of Coast Guard marine casualty data from 1992 through 1998 of DUKW-type vessels reveals a solid safety record. However, it is recommended that owners, operators, and persons involved with the maintenance and repair of DUKWs consider the following:



Photo courtesy of <http://pwp.starnetinc.com/dukw/dukwpage.htm>

Inside:

- 2 Newest Buoy Tender Delivered to Coast Guard
- 3 USCG Safeport Web Site
- 3 MERPAC January 2000 Meeting
- 3 Request for STCW Articles
- 4 Proposed Amendment for Vessel Inspection Regulations
- 4 2001 International Oil Spill Conference
- 4 What's New on the World Wide Web
- 5 IMO Corner
- 6 Prevention Through People
- 7 G-M Studies
- 8 G-M Regulatory Projects
- 14 NFPA Fire Safety Standards
- 15 Calendar of Events

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To receive the Newsletter monthly or to submit material for consideration, address requests to: Marine Safety Newsletter Editor, National Maritime Center, 4200 Wilson Blvd., Suite 510, Arlington, VA 22203-1804, Tel: (202) 493-1056, Fax: (202) 493-1065.

December 1999



Operations:

- Operators should provide passengers specific guidance and instruction relating to emergency escape prior to the DUKW entering the water.
- Bilge pumps, piping systems, and associated alarms should be checked and tested frequently.

Maintenance and Repair:

- DUKW maintenance and repair activities should not be compromised by schedule demands.
- Persons repairing DUKWs should understand the potential consequences of failures resulting from improperly performed maintenance, repair or inspection activities.
- During maintenance and repair, original equipment such as hinges, brackets, braces, and other items should generally not be removed without completely understanding possible complications and negative operational effects caused by such actions.
- Important repairs or maintenance items should be tested and approved by a second party before the DUKW is placed back into service.
- A regular maintenance and inspection schedule should be developed and followed.
- Machinery logs should be established and repairs recorded.
- Engines should be kept in good working conditions free from oil or fuel leaks. This is especially important when "new old stock" rubber surplus drive shaft seals are being used. Neoprene replacement seals may be a better alternative due to their resistance to fuel and oil.
- High quality hose clamps should be used for clamping all drive shaft seals.
- Bilges and bilge alarm floats must be kept clear and clean, free of any rags, paper, or other debris.
- Bilge pump strainers should be inspected often and kept clean at all times.
- Engine cooling and bilge pump hoses should be examined and hose clamps checked for tightness. If possible, double clamps should be used on engine and bilge system hoses to offer additional security.
- Brackets holding pump discharge piping or hoses should be kept in place.
- Bilge pump drive chains should be properly adjusted and pump sleeve bearings lubricated as required.
- Drive shaft universal joints should be lubricated and inspected often for wear or damage. Operators and mechanics should be aware of telltale sounds and signs of universal joint failure. Failure of universal joints located under

seals may lead to seal failure and flooding.

The report of the Marine Board of Investigation will be publicized so all DUKW operators can benefit from its findings, conclusions, and safety recommendations. If you have comments or questions please contact LT Dean L. Firing, Tel.: (202) 267-0514, e-mail: dfiring@comdt.uscg.mil or Mr. Ken Olsen, Tel.: (202) 267-1417, e-mail: kolsen@comdt.uscg.mil.

Newest Buoy Tender Delivered to Coast Guard

USCGC ANTHONY PETIT (WLM-558) sailed to its new southeast Alaska home port after beginning its travels in Maryland.



The cutter Anthony Petit is launched in Wisconsin in 1998. Official U.S. Coast Guard photo.

The ship's crew, consisting of one officer and 23 enlisted men, hosted a welcoming reception sponsored by 17th Coast Guard District Commander, Rear Adm. Thomas J. Barrett, in Ketchikan following the ship's arrival.

The *Anthony Petit* is one of several new Keeper Class buoy tenders. The ship is 175-foot long and boasts a 10-ton, 42-foot hydraulic boom crane.

The new 175-foot Keeper Class Coastal buoy tender represents the new wave in buoy tending. One of 14 in the class, it's one of the first Coast Guard cutters equipped with Z-Drive propulsion units instead of the standard propeller and rudder configuration. The *Anthony Petit* is designed to independently rotate 360 degrees. Combined with a thruster in the bow, it has unmatched maneuverability.

With state-of-the-art electronics and navigation systems, including Dynamic Positioning System (DPS) which uses a Differential Global



Positioning System, and electronic chart displays, *Anthony Petit* can maneuver and position aids more accurately and efficiently with fewer crew than the 180-foot seagoing buoy tender it is replacing, the cutter Planetree.

The new buoy tender is named for the late Chief Boatswain's Mate Anthony Petit who was a Coast Guardsman stationed at a lighthouse on Unimak Island in the Aleutians. Chief Petit was killed along with his four-man crew in 1946 when the lighthouse was destroyed by an earthquake-generated tsunami.

Anthony Lawrence Petit



Scotch Cap Lighthouse Keeper 1945 - 1946

USCG Safeport Web Site

Since July 1999, a new internet-based resource has been available to mariners entitled Port Operations Information for Safety & Efficiency (POISE) at www.uscg.mil/safeports. POISE is a "no-nonsense" web site with marine-related links to other national and local sites of government agencies, port authorities, maritime exchanges, etc.

The links are arranged on a port-by-port basis, without distracting graphics and advertisements. Some of the more popular links include the Maryland Port Administration, NOAA Interactive Marine Observations, waterside weather conditions and FEMA Hurricane/Tropical Storm watch sites. Others include maritime news and publications, associations, and useful regulatory documents (Code of Federal Regulations, USCG Marine Safety Manuals, etc.) To learn more about this exciting tool or recommend changes, call Marine Science Technician (MST2) Jeff Brown at (410) 576-2675.

Merchant Marine Personnel Advisory Committee January 2000 Meeting

The Merchant Marine Personnel Advisory Committee (MERPAC) will hold its 14th meeting on Tuesday, January 25, 2000, from 8 a.m. to 4 p.m. and on Wednesday, January 26, 2000, from 8 a.m. to 3 p.m. The meetings on both days will take place at the Maritime Institute of Technology and Graduate Studies, 5700 Hammonds Ferry Road, Linthicum Heights, MD 21090. Both meetings are open to the public.

For more information, contact Commander Steven J. Boyle, Executive Director of MERPAC, or Mr. Mark C. Gould, Assistant to the Executive Director, Tel.: (202) 267-0229, Fax: (202) 267-4570, or e-mail: mgould@comdt.uscg.mil.

Request for STCW Articles

The theme for the January-March 2000 issue of the *Proceedings of the Marine Safety Council* is the implementation of the International Convention on Standards of Training, Certification and Watchkeeping (STCW). The National Maritime Center is seeking additional articles on the progress, impact, and goals of STCW implementation for this issue. The articles should not exceed 3,500 words; we would prefer that they include supporting pictures. Figures and graphics must be submitted in PC format as tiffs, or as original photographs or slides. They should be color and have a resolution of 300 dpi or higher. The Editor reserves the right to select and edit articles that are published. Articles may be submitted by e-mail to ehardin@ballston.uscg.mil or on a 3 1/2-inch PC compatible disk. They must be received by January 10, 2000. For further guidance or information please contact the editor at:

Editor

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Proposed Amendment for Vessel Inspection Regulations

The Coast Guard proposes amending its vessel inspection regulations in order to align inspection schedules with international protocols; to establish an examination process giving industry additional latitude in scheduling inspections; and to create a parity between passenger vessels and all other Coast Guard inspected vessels. The Coast Guard expects this proposed rule to result in a reduction in the time and paperwork associated with Coast Guard vessel inspections and examinations.

These amendments would introduce a 5-year Certificate of Inspection (COI) cycle in accordance with the Coast Guard Authorization Act of 1996 to harmonize our inspections with most internationally required certificates. The proposed rule would also establish hull examination alternatives and a drydock extension procedure for qualifying passenger vessels. Qualifying vessels must operate

exclusively in fresh water, on restricted routes, and in low risk environments. In addition, the proposed rule would provide the option of alternating drydock examinations with underwater surveys for passenger, nautical school, and sailing school vessels.

For further information on this proposed rule, call James W. Cratty, Office of Standards Evaluation and Development (G-MSR-2), Coast Guard, telephone (202) 267-6742.

2001 International Oil Spill Conference

The 17th Biennial International Conference on the Prevention, Behavior, Control and Cleanup of Oil Spills will be held March 26 - 29, 2001, at the Tampa Convention Center, Tampa, FL. The call for papers for the 2001 Conference is expected to be mailed out in December 1999. For further information visit the Conference website at www.iosc.org.

WWW.



What's New on the
World Wide Web

www.uscg.mil/hq/g-m/gmhome.htm

Waterways Management website
www.uscg.mil/hq/g-m/mw/index.htm

STCW
www.uscg.mil/STCW/

HAZMAT 2000 Spills Prevention Conference
www.nrt.org/hazmat2000

Pollution Incidents Compendium a comprehensive report of spills in and around U.S. waters from 1969 through 1998. Materials include: annual and cumulative statistics in both tabular and graphical formats.
www.uscg.mil/hq/g-m/nmc/response/stats/aa.htm

Approved courses
www.uscg.mil/hq/g-m/marpers/examques/achome.htm

Office of Investigations and Analysis
www.uscg.mil/hq/g-m/moa/casualty.htm



Meeting of the Contracting Parties to the London Convention 1972

The 21st meeting of the Contracting Parties to the London Convention 1972 convened October 4 through October 8, 1999. Items of particular interest were:

1. Guidelines for application of "de minimis" concept approved
2. Radioactive waste sea dumping controls
3. Status of 1996 Protocol

Ratifications and Acceptances of IMO Conventions

As of 1 November 1999, the following instruments were deposited with the Secretary-General:

1969 CLC Convention

Denunciation by Italy on 8 October 1999

1971 FUND Convention

Denunciation by Italy on 8 October 1999

1994 amendments to the Inmarsat Convention and Operating Agreement

Acceptance by the United Arab Emirates on 28 October 1999

1998 amendments to the Inmarsat Convention and Operating Agreement

Acceptance by Brunei Darussalam on 11 October 1999; Acceptance by the United Arab Emirates on 28 October 1999

1988 SUA Convention and Protocol

Accession by India on 15 October 1999

1990 OPRC Convention

Accession by Monaco on 19 October 1999

Acceptance of 1993 amendments to the IMO Convention received by the UN

South Africa on 20 October 1999; Honduras on 26 October 1999

Preparing for January Standards of Training and Watchkeeping (STW) Meeting

The Shipping Coordinating Committee subcommittee on Standards of Training and Watchkeeping conducted a meeting on December 7, 1999. The meeting discussed the preparations for the 31st session of the IMO Subcommittee on Standards of Training and Watchkeeping (STW) that will take place January 10 - 15, 2000. The U.S. Delegation to STW 31 was introduced. The meeting participants discussed the specific agenda items for STW 31. The following is a partial list of the agenda topics discussed:

1. Training and certification of maritime pilots;
2. Recognition of foreign certificates;
3. Unlawful practices associated with certificates of competency;
4. Record-keeping for basic safety training;
5. Medical standards for seafarers, particularly physical abilities for entry level seafarers;
6. Standard Marine Communication Phrases (SMCP);
7. Validation of an IMO model courses; and
8. Guidance associated with the International Convention on Standards of Training, Certification and Watchkeeping for Fishing Vessel Personnel (STCW-F Convention)

Documents for the upcoming STW 31 are available individually via electronic mail on request. Requests should be sent to Lharden@comdt.uscg.mil. Access to documents should also be available via the STCW web page at www.uscg.mil/stcw/imostw.htm.

A report of the outcome of STW 31 will be published in the February 2000 newsletter.

Prevention Through People



A Look Back at 1999

This time of year often finds all of us looking back on the past year and reflecting on what was done. The PTP Coordination Staff does much the same thing. We have been looking back on 1999 and seeing what worked and what didn't, and how we can improve the Coast Guard's application of the PTP strategy—a systematic application of principles that promote consideration of the human element to prevent accidents and injury.

Guide to Improving Communications

The goal in preparing the *Guide to Improving Communications* was to provide Coast Guard personnel with an easier way to make communications more effective. The Guide takes you through a four-step process: gathering partners and information, creating materials, marketing, and supporting the materials. The Guide was created in part based on surveys conducted with the M Headquarters and Field offices in 1998. A network of databases and job aids created from the survey responses also make use of the Guide easier and more effectively supports each step of the process.

Passenger Vessel Association Risk Guide

This Guide, jointly compiled by the Coast Guard and the Passenger Vessel Association (PVA), is a great example of PTP and partnership in action. PVA and the Coast Guard created the *PVA Risk Guide* to improve the safety of passenger vessel operations by addressing risk, which is a factor of all maritime operations. The Guide has been embraced by the PVA membership and promoted to non-PVA members by the Coast Guard. It is available on the web at www.uscg.mil/hq/g-m/nmc/ptp/pdf/pvarisk_guide.pdf.

Risk web site

This past year has seen the addition of a web site devoted to using risk. This web site contains a brief description of what risk is and how we can



plan to reduce risk in our daily activities. There is also a list of references and a web-based version of the *Risk-Based Decision-Making Guidelines*. The site can be found at www.uscg.mil/hq/g-m/risk/index.htm.

Risk Management issue of the Proceedings of the Marine Safety Council

In order to meet the challenges of today and tomorrow, we need to continue improving the way we, the Coast Guard, do business. One powerful tool for doing this is the use of risk-based approaches. This issue provides examples of how some Coast Guard units and members of industry have used risk to improve their daily operations. You can view the issue on the web at www.uscg.mil/hq/g-m/nmc/pubs/proceed/q3-99.pdf.

Though this list could continue on, suffice it to say that the PTP Coordination Staff is continually trying to develop and promote tools to help improve people's understanding and application of the PTP strategy. We plan to continue these efforts in the upcoming year, and hope to provide you with many examples of applied PTP. Please continue to send in your suggestions and ideas to the PTP Coordination Staff. We consider your input to be extremely valuable.

Have a happy
– AND SAFE –
holiday season!

PRINCIPLES

- Take a Quality Approach
- Honor the Mariner
- Seek Non-Regulatory Solutions
- Share Commitment
- Manage Risk

VISION

To achieve the world's safest, most environmentally sound and cost-effective marine operations by emphasizing the role of people in preventing casualties and pollution.

GOALS

- Know More
- Train More
- Do More
- Offer More
- Cooperate More

Contact us directly with your PTP story:

Commandant (G-MSE-1), U.S. Coast Guard Headquarters, 2100 Second Street, SW, Washington, DC 20593-0001; (202) 267-2997; (202) 267-4816 Fax; e-mail: fldr-he@comdt.uscg.mil



G-M Studies

The following is a list of G-M studies and reports under development, including their status and contact person. The *Marine Safety Newsletter* will update this listing as new information is received. Small business interests needing assistance in understanding the information may telephone the contacts identified for the study or report.

Research in Tanker Groundings

This non-mandated study is being conducted by the Coast Guard to study the structural behavior of tankers during groundings.

STATUS: Research is being conducted at MIT. The first phase of the study is complete, and the second phase is underway. Availability of the study report will be announced through the *Marine Safety Newsletter*.

CONTACT: Mr. Jaideep Sirkar, Tel.: (202) 267-6925, Fax: (202) 267-4816, e-mail: jsirkar@comdt.uscg.mil

Shipboard Fatigue Countermeasures Analysis

This project is designed to tie the previous fatigue projects together. Project deliverables include lists of fatigue reducing countermeasures prioritized by effectiveness to ease implementation.

Status: This project will start in 2000, and will conclude at the end of 2001.

Contact: Dr. Carlos Comperatore, Tel.: (860) 441-2751, Fax: (860) 441-2792, e-mail: ccomperatore@rdc.uscg.mil

Watchkeeping Alertness in Towing Operations

Conducted by Battelle Seattle Research Center under contract to R&DC. Objectives for this include understanding factors which affect alertness in towing vessel crews. The research team has collected data on line boats and harbor tugs in the lower Mississippi and Ohio Rivers. Companies have participated in the study by offering their crews as test subjects on a voluntary basis. Voluntary participation has been outstanding, approaching 100 percent of solicited crewmembers.

STATUS: The analysis of data is nearly complete. The next phase of the project, development and testing of fatigue countermeasures, should be completed near the end of 2001.

CONTACT: Dr. Carlos Comperatore, Tel.: (860) 441-2751, Fax: (860) 441-2792, e-mail: ccomperatore@rdc.uscg.mil

Improving Crew Alertness on Commercial Vessels

This project will identify the incidence of fatigue in deep draft vessel crews and develop crew endurance plans to mitigate fatigue. Data has been collected from the crew of a tank vessel, and will be used to develop fatigue countermeasures. The deliverable for this project will be a Professional Mariner's Crew Endurance Handbook.

STATUS: Data has been collected, and analysis is in progress. The project is planned to conclude in early 2000 following development and testing of fatigue countermeasures.

CONTACT: Dr. Carlos Comperatore, Tel.: (860) 441-2751, Fax: (860) 441-2792, e-mail: ccomperatore@rdc.uscg.mil

G-M Regulatory Projects



The following is a list of select G-M regulatory projects including their status and point of contact information. For more information on these and other marine safety rulemaking projects, visit the G-M Regulations home page at www.uscg.mil/hq/g-m/regs/reghome.html.

If you are a small business interest needing assistance in understanding and complying with the regulatory requirements, please telephone the applicable contact listed below. The Small Business and Agriculture Regulatory Enforcement Ombudsman and ten Regional Fairness Boards were established to receive comments from small businesses about federal agency enforcement actions. The Ombudsman will annually evaluate the enforcement activities and rate each agency's responsiveness to small business. If you wish to comment on the enforcement actions of the Coast Guard, call (888) REG-FAIR (734-3247).

ANPRM-Advance Notice of Proposed Rulemaking • **NPRM**-Notice of Proposed Rulemaking • **IR**-Interim Rule • **DFR**-Direct Final Rule

CGD 89-050 Vessel Identification System

This rulemaking establishes a Vessel Identification System (VIS) and will prescribe the manner and form for participating States to make information available for VIS; establish guidelines for State vessel titling systems; and establish procedures for certifying compliance with those guidelines. On October 22, 1999, the Coast Guard published a final rule removing the current version of subpart D indefinitely (64 FR 56965).

STATUS: IFR published on April 25, 1995 (60 FR 20310). SNPRM being drafted.

CONTACT: ENS Christopher Willamee, Tel.: (202) 267-6989

USCG 1997-3198 Alternate Convention Tonnage

The Coast Guard is considering developing alternate tonnage thresholds for certain vessels based on the measurement system established under the International Convention on Tonnage Measurement of Ships, 1969. Existing tonnage thresholds in domestic laws and regulations are based on the U.S. regulatory measurement system. Establishing the international convention tonnage as an option for applying domestic regulations may result in the building of safer, more efficient vessels and may enable designers and operators of U.S. vessels to be more competitive in the international market. The Coast Guard asks for comments on related issues and questions.

STATUS: Notice and request for comments published on February 4, 1998 (63 FR 5767). Comment period closed October 15, 1998. Preparing proposed rule.

CONTACT: Mr. Peter Eareckson, Tel.: (202) 366-6502, Fax: (202) 366-7991, e-mail: peareckson@msc.uscg.mil

USCG 1998-3423 Implementation of the National Invasive Species Act of 1996 (NISA)

To comply with the National Invasive Species Act of 1996 (NISA), the Coast Guard establishes both regulations and voluntary guidelines to control the invasion of aquatic nuisance species (ANS). Ballast water from ships is one of the largest pathways for the intercontinental introduction and spread of ANS. This rule amends existing regulations for the Great Lakes ecosystem, establishes voluntary ballast water management guidelines for all other waters of the United States, and establishes mandatory reporting for nearly all vessels entering waters of the U. S.

STATUS: Interim rule with request for comments published on May 17, 1999 (64 FR 26672). Effective date is July 1, 1999. Comment period closed on July 16, 1999.

CONTACT: LT Pat McKeown, Tel.: (202) 267-0500, Fax: (202) 267-4690, e-mail: mmckeown@comdt.uscg.mil

USCG 1998-3786 Commercial Diving Operations

The Coast Guard requested comments on the type and scope of needed revisions to the commercial diving operations regulations. The regulations are over 20 years old and do not include current safety and technology standards and industry practices. At this early stage of the rulemaking process we need information on current safety practices, diving technology, and industry standards to help us identify the scope of any necessary regulatory revisions.

STATUS: ANPRM published on June 26, 1998 (63 FR 34840). Comment period closed on November 9, 1998.

CONTACT: LT Diane Kalina, Tel.: (202) 267-1181, Fax: (202) 267-4570, e-mail: dkalina@comdt.uscg.mil



G-M Regulatory Projects

USCG 1998-3798 Numbering of Undocumented Barges

The Coast Guard is establishing a statutorily required numbering system for operating undocumented barges over 100 gross tons. The numbering of these barges would increase owner accountability and deter their abandonment, making fewer barges available for disposal of hazardous substances.

STATUS: ANPRM published on July 6, 1998 (63 FR 36384). Comment period closed on November 3, 1998.

CONTACT: Mr. Thomas Willis, Director, National Vessel Documentation Center, Tel.: (304) 271-2506, Fax: (304) 271-2405, e-mail: twillis@nvdc.uscg.mil

USCG 1998-4302 Handling of Class I (Explosive) Material or Other Dangerous Cargoes within or Contiguous to Waterfront Facilities

This rulemaking will revise the regulations covering waterfront facilities handling dangerous cargoes. Current regulations would be updated to reflect improved safety procedures and modern transportation methods, such as the use of containers. This proposed rule would also update the requirements for the handling of these dangerous cargoes and incorporate industry standards.

STATUS: NPRM published on October 29, 1998 (63 FR 57964). Comment period closed March 1, 1999. Final Rule being drafted.

CONTACT: LT Charles Srioudom, Tel.: (202) 267-2498, Fax: (202) 267-4570, e-mail: csrioudom@comdt.uscg.mil

USCG 1998-4354 Tank Vessel Response Plans for Hazardous Substances

The Coast Guard proposes regulations that would require response plans for certain tank vessels operating on the navigable waters of the United States that could reasonably be expected to cause substantial or significant and substantial harm to the environment by discharging a hazardous substance. These regulations are mandated by the Oil Pollution Act of 1990 (OPA 90), which requires the President to issue regulations requiring the preparation of hazardous substance response plans. The primary purpose of requiring response plans is to minimize the impact of a discharge of hazardous substances into the navigable waters of the United States.

STATUS: NPRM published March 22, 1999 (64 FR 13734). Comment period closed on Aug. 30, 1999. Public meeting held Aug. 12 and 13 in Houston (64 FR 31994).

CONTACT: LT Michael Roldan, Tel.: (202) 267-0106, Fax: (202) 267-4570, e-mail: mroldan@comdt.uscg.mil

USCG 1998-4399 Automatic Identification System Carriage Requirement; Vessel Traffic Service Lower Mississippi River

The Coast Guard held a public meeting in New Orleans to solicit comments on the establishment of a new Vessel Traffic Service (VTS) in the Lower Mississippi River area and a potential Automatic Identification System (AIS) carriage requirement for certain vessels operating in the new VTS area. We are currently reviewing public input to help develop a proposed rule.

STATUS: NPRM being drafted.

CONTACT: Mr. Jorge Arroyo, Tel.: (202) 267-0407, Fax: (202) 267-4826, e-mail: jarroyo@comdt.uscg.mil

USCG 1998-4441 Deepwater Ports

The Coast Guard is revising its deepwater ports regulations to update the regulations with current technology and industry standards. It will also align them with certain regulations for other offshore facilities.

Status: ANPRM published on August 29, 1997 (62 FR 45774). Comment period closed on October 14, 1997. NPRM being drafted.

Contact: LT Diane Kalina, Tel.: (202) 267-1181, Fax: (202) 267-4570, e-mail: dkalina@comdt.uscg.mil

G-M Regulatory Projects



USCG 1998-4443 Emergency Control Measures for Tank Barges

This interim rule implements measures for maintaining or regaining control of a tank barge that will reduce the likelihood of a tank barge's grounding and spilling its cargo. These measures are necessary because without them a tug that loses its tow lacks ready means for regaining control of it.

STATUS: Interim rule (IR) with request for comment published on December 30, 1998 (63 FR 71754). The IR is effective March 30, 1999 except for 33 CFR 155.230(b)(1) and 46 CFR 32.15-15(e), which are effective on December 11, 2000. Notice of meeting; reopening of comment period published on April 15, 1999 (64 FR 18576). Public meeting held in Washington, DC on May 12, 1999. Comment period closed on June 10, 1999.

CONTACT: Mr. Robert Spears, Tel.: (202) 267-1099, Fax: (202) 267-4547, e-mail: rspears@comdt.uscg.mil; or Mr. Allen Penn, Tel.: (202) 267-2997, Fax: (202) 267-4816, e-mail: apenn@comdt.uscg.mil

USCG 1998-4445 Fire Protection Measures for Towing Vessels

With this Interim Rule, the Coast Guard plans to implement measures for the early detection and control of fires on towing vessels. It will require the lower cost, noncontroversial fire protection measures introduced in the Notice of Proposed Rulemaking entitled, Towing Vessel Safety (62 FR 52057), that was published on October 6, 1997. They include: general alarms; engine-room fire detection systems; internal communication systems; and remote fuel-shutoff valves. Furthermore, firefighting drills will need to be conducted and training requirements established for crews on towing vessels. These measures should decrease the number and severity of injuries to vessels' crews, prevent damage to vessels, structures and other property, and reduce the likelihood of a tank barge's drifting, grounding, and ultimately spilling its cargo. A separate supplemental notice of proposed rulemaking on Fire Suppression System and Other Measures for Towing Vessels (CGD 97-064) will contain the two issues not addressed in either of the IRs that came from the Towing Vessel Safety NPRM—fixed fire-suppression systems for towing vessels, and proper voyage planning for masters and operators of towing vessels.

STATUS: Fire Protection Measures IR in final clearance; Fire Suppression Systems and Other Measures SNPRM being drafted.

CONTACT: Mr. Robert Spears, Tel.: (202) 267-1099, Fax: (202) 267-4547, e-mail: rspears@comdt.uscg.mil

USCG 1998-4501 Improvements to Marine Safety in Puget Sound-Area Waters

The Coast Guard seeks public comment on potential rules that would improve marine safety in Puget Sound-area waters including Puget Sound, the Strait of Juan de Fuca, passages around and through the San Juan Islands, and the Olympic Coast National Marine Sanctuary. Based on a recent determination by the Secretary of Transportation regarding the status of marine safety in the Puget Sound-area, the Coast Guard has begun a comprehensive cost-benefit analysis to study the feasibility of implementing new safety measures, including extended tug escort requirements for certain vessels and a dedicated pre-positioned rescue vessel. Public input will help focus the cost-benefit analysis and help us develop any future proposed rules that may be necessary.

STATUS: ANPRM was published November 24, 1998 (63 FR 64937). Comment period closed on May 24, 1999.

USCG 1998-4623 Limited Service Domestic Load Lines for River Barges on Lake Michigan

This rulemaking incorporates into 46 CFR part 45 the present load line exemption routes that have been announced in Federal Register notices for unmanned dry cargo barges carrying nonhazardous cargoes on river barges operating on Lake Michigan between Chicago, IL and Milwaukee, WI; and Chicago and Muskegon, MI.

STATUS: The notices were published on September 21, 1992 (57 FR 43479), March 31, 1995 (60 FR 16693), September 28, 1995 (60 FR 50234), and August 26, 1996 (61 FR 43804). NPRM was published on November 2, 1998 (63 FR 58679). Comment period extended on December 28, 1998 (63 FR 71411). Comment period closed on March 4, 1999. Interim rule being drafted.

CONTACT: Mr. Thomas Jordan, Project Manager, Tel.: (202) 267-0142, Fax: (202) 267-4816, e-mail: tjordan@comdt.uscg.mil



G-M Regulatory Projects

**USCG 1998-4951
Cargo Securing
Manuals for
Vessels carrying
Hazardous
Materials when
operating in U.S.
Waters**

This rulemaking will add regulations requiring cargo securing manuals for U.S. or foreign vessels of 500 gross tons or more when on international voyages, consistent with Chapter VI/5 and VII/6 of SOLAS, which became effective December 31, 1997. This rulemaking will also propose to amend the cargo stowage and securing management requirements consistent with the requirements Chapters VII/6 of SOLAS, for certificated U.S. ships and barges when operating in U.S. waters.

STATUS: Workplan in clearance.

CONTACT: Mr. Bob Gauvin, Tel.: (202) 267-1053, Fax: (202) 267-4570, e-mail: rgauvin@comdt.uscg.mil.

**USCG 1999-4976
Frequency of
Inspection, Hull
Examination
Alternative**

The Coast Guard proposes amending its vessel inspection regulations. These amendments would introduce a 5-year Certificate of Inspection cycle in accordance with the Coast Guard Authorization Act of 1996 to harmonize our inspections with most internationally required certificates. It will provide vessel owners and operators additional latitude in scheduling inspections. The proposed rule would also establish hull examination alternative for certain passenger vessels. These vessels must operate exclusively in fresh water, on restricted routes, and in benign environments. In addition, the proposed rule would provide the option of alternating drydock examinations with underwater surveys for passenger, nautical school, and sailing school vessels.

STATUS: NPRM published on November 15, 1999 (64 FR 62017). Comment period closes on December 30, 1999.

CONTACT: Mr. James W. Cratty, Tel.: (202) 267-6742, Fax: (202) 267-4547, e-mail: jcratty@comdt.uscg.mil.

**USCG 1999-5004
Alternate
Compliance
Program;
Incorporations
by Reference**

This direct final rule (DFR) amends part 8 of Title 46, Code of Federal Regulations, to add recently approved incorporations by reference. Adding several recently approved sets of classification society rules and supplements through incorporation by reference is essential for the continued viability and validity of the Alternate Compliance Program (ACP) regulations. This rule also inserts the address and telephone numbers of the Coast Guard office identified in several parts as the source for additional information to facilitate our ACP. This rule makes no substantive changes to current regulations. It enables continuation of the ACP, which was developed to reduce redundant vessel inspections without jeopardizing safety. The final rule on the ACP was published in the Federal Register (62 FR 67526) on December 24, 1997.

STATUS: DFR was published on June 8, 1999 (64 FR 30437). Comment period open until August 9, 1999. Effective date is September 7, 1999.

CONTACT: Mr. Jaideep Sirkar, Tel.: (202) 267-6925, Fax: (202) 267-4816, e-mail: jsirkar@comdt.uscg.mil.

**USCG 1999-5040
Safety of
Uninspected
Passenger Vessels
under the
Passenger Vessel
Safety Act
of 1993**

The Coast Guard will propose regulations that implement safety measures for uninspected passenger vessels under the Passenger Vessel Safety Act of 1993 (PVSA). These regulations will implement the new class of uninspected passenger vessel of at least 100 gross tons, address the confusion regarding bareboat charters, provide for the issuance of special permits to certain uninspected passenger vessels, and develop specific manning, structural fire protection, operating, and equipment requirements for a limited fleet of PVSA exempted vessels.

STATUS: ANPRM published on April 1, 1999 (64 FR 15709). Comment period closed on June 30, 1999. Proposed rule being drafted.

CONTACT: LCDR Mike Jendrossek, Tel.: (202) 267-0919, Fax: (202) 267-4570, e-mail: mjendrossek@comdt.uscg.mil.

**USCG-1999-5117
Barges Carrying
Bulk Liquid
Hazardous
Material Cargoes**

The Coast Guard requests comments on the type and scope of any necessary revisions to the barges carrying bulk liquid hazardous material cargoes regulations. The regulations are almost 30 years old and do not include current safety information, technology, etc.

STATUS: ANPRM published on September 9, 1999 (64 FR 48976). Comment period open until March 7, 2000.

CONTACT: Mr. Thomas Felleisen, Tel.: (202) 267-0085, Fax: (202) 267-4570, e-mail: tfelleisen@comdt.uscg.mil.

G-M Regulatory Projects



USCG-1999-5118 Standard Measurement System Exemption from Gross Tonnage

The Coast Guard is revising its tonnage regulations to reinstate a previously allowed method of holding tonnage opening cover plates in place. The reinstated method was deleted in error during a comprehensive rewrite of the tonnage regs in 1989.

STATUS: Direct Final Rule published August 31, 1999 (64 FR 47402). Comment period closed November 1, 1999.

CONTACT: Mr. Peter Eareckson, Tel.: (202) 366-6502, Fax: (202) 366-7991, e-mail: peareckson@msc.uscg.mil.

USCG 1999-5525 Mandatory Ship Reporting Systems

The Coast Guard is implementing two mandatory ship reporting systems in an effort to reduce the threat of ship strikes to endangered northern right whales (also known as the North Atlantic right whale). Based on a proposal by the United States, the International Maritime Organization adopted a resolution to establish these systems. The mandatory ship reporting systems are designed to inform mariners of the presence of whales in certain areas, so that mariners travelling in those areas can take actions to avoid collisions with the whales.

STATUS: Interim rule with request for comments published on June 1, 1999. Comment period closed on August 2, 1999.

CONTACT: Mr. Edward LaRue, Tel.: (202) 267-0416, Fax: (202) 267-4826, e-mail: elarue@comdt.uscg.mil.

USCG-1999-5700 Traffic Separation Schemes: Off San Francisco, in the Santa Barbara Channel, in the Approaches to Los Angeles-Long Beach, California

The Coast Guard proposes amending the existing Traffic Separation Scheme (TSS) off San Francisco and the TSS in the Santa Barbara Channel. The proposed amendments are adopted by the International Maritime Organization and have been validated by several recent vessel routing studies. Once implemented, the amended TSSs would route commercial vessels farther offshore, providing an extra margin of safety and environmental protection in the Monterey Bay National Marine Sanctuary and adjacent waters. Additionally, this proposed rule would incorporate descriptions of these TSSs, as well as a description of the existing TSS in the approaches to Los Angeles-Long Beach, into the Code of Federal Regulations.

STATUS: NPRM published on June 17, 1999. Submit comments on or before August 16, 1999.

CONTACT: LCDR Brian Tetreault, Tel.: (510) 437-2951, Fax: (510) 437-2961, e-mail: btetreault@d11.uscg.mil.

USCG 1999-5705 Marine Transportation Related Facility Response Plans for Hazardous Substances

This rulemaking would require owners or operators of onshore marine transportation-related facilities to submit a response plan for worst case discharges of hazardous substances.

STATUS: ANPRM published in 61 FR 20084. Comment period closed September 3, 1996. Proposed regulations are in clearance.

CONTACT: LT Michael Roldan, Tel.: (202) 267-0106, Fax: (202) 267-4570, e-mail: mroldan@comdt.uscg.mil.

USCG 1999-6097 Federal Pilotage for Foreign-Trade Vessels in Maryland

The Coast Guard will publish an NPRM requiring that vessels engaged in foreign trade, under way on the navigable waterways within the state of Maryland, be under the direction and control of Federally licensed pilots when the vessels are not under the control and direction of Maryland State pilots. This measure is necessary to ensure that vessels are navigated by qualified persons, knowledgeable in the local area and accountable to either the state or the Coast Guard. This measure will increase navigational safety in the area of Baltimore Harbor and reduce the risk of marine casualties in the waters of Maryland.

STATUS: We will be asking for comments on this proposed rule, which is expected to be published in the Federal Register by the end of October 1999.

CONTACT: Timothy Farley G-MOA, Tel.: (202) 267-1414, e-mail: tfarley@comdt.uscg.mil.



G-M Regulatory Projects

USCG 1999-6098 Great Lakes Pilotage Rates

This project will allow annual adjustments to rates that Great Lakes registered pilots will charge for their services based on a review of actual expenses. This will keep pilot compensation comparable to the "target pilot compensation" specified in Appendix A to 46 CFR part 404, Ratemaking Analyses and Methodology, and to set the rate at the lowest possible level. Additionally, by making annual adjustments, large rate changes seen in the past can be avoided.

STATUS: Workplan in clearance.

CONTACT: Mr. Frank J. Flyntz, Tel.: (202)366-8981, Fax: (202) 366-7147, e-mail: frank.j.flyntz@dot.gov/slsdc.

USCG 1999-6164 Oil Pollution Act of 1990 (OPA 90), Phaseout Requirements for Single Hull Tank Vessels

This rulemaking will place language in 33 CFR 157 to ensure an understanding of the Coast Guard's enforcement policies for the phaseout regulations of OPA 90 on conversions to single hull tank vessels. The Coast Guard published a Notice of Policy (64 FR 19575) on April 21, 1999, which announced this rulemaking. The Workplan for this project has been approved.

STATUS: NPRM in clearance.

CONTACT: Mr. Bob Gauvin, Tel.: (202) 267-1053, Fax: (202) 267-4570, e-mail: rgauvin@comdt.uscg.mil.

USCG 1999-6224 Licensing and Manning for Operators of Towing Vessels

This rulemaking has been shifted to the Department of Transportation document management system. The rulemaking is assigned the number USCG-1999-6224. This rulemaking revises the requirements for licensing individuals operating towing vessels. It institutes new licenses with levels of qualification and enhanced training and operating experience. A practical demonstration of skill is required under this rulemaking. It requires officers to hold licenses specifically authorizing the geographic area of operation. The rulemaking is partly in response to the investigation of a collision of a tug and barge with a railroad bridge, near Mobile, AL in September 1993, which caused 46 deaths. The casualty prompted the Coast Guard's report, "Review of Marine Safety Issues related to Uninspected Towing Vessels." Some of the recommendations contained in the review are incorporated into this rulemaking.

STATUS: NPRM was published on June 19, 1996 (61 FR 31332). SNPRM was published on October 27, 1997 (61 FR 31332). Four public meetings were held in February 1998. The Interim Rule was published on November 19, 1999. The comment period will end February 17, 2000. The effective date of the Interim Rule is November 20, 2000.

CONTACT: LCDR Luke Harden, Tel.: (202) 267-0229, Fax: (202) 267-4570, e-mail: lharden@comdt.uscg.mil.



The following is a list of National Fire Protection Association Safety Standards affecting the maritime community. Each Standard listed includes news and points of contact. This list will be updated as new information becomes available.

NFPA 12 Carbon Dioxide (CO₂)

The Coast Guard asked the National Fire Protection Association (NFPA) to develop a section within NFPA 12 to address marine CO₂ systems. The committee has drafted a marine chapter (6), which is contained in the 1999 Request of Proposals (ROP), to be considered at the November 1999 annual meeting in New Orleans.

NFPA POINT OF CONTACT: Mark Conroy, (617) 984-7403

USCG POINT OF CONTACT: Klaus Wahle, G-MSE-4, (202) 267-0256

e-mail: kwahle@comdt.uscg.mil

NFPA 13 Automatic Sprinklers

The NFPA has completely revised NFPA 13 to address all aspects of automatic sprinkler system design. At their July 1997 meeting, NFPA Standards Council approved a new project to centralize all requirements pertaining to the design and installation of automatic sprinkler systems into NFPA 13. The new project called for the relocation of those portions of NFPA 24, NFPA 231, and NFPA 231C pertaining to sprinkler systems and fire mains into NFPA 13. Additionally, the project called for the review of all NFPA standards containing sprinkler system requirements to determine how they can best be centralized. The new 1999 edition of NFPA 13 should be available shortly.

NFPA POINT OF CONTACT: Milosh Puchovsky, (617) 984-7408

USCG POINT OF CONTACT: Randall Eberly, G-MSE-4, (202) 267-1444

e-mail: reberly@comdt.uscg.mil

NFPA 750 Standards on Water Mist Fire Protection Systems

The committee responsible for writing NFPA 750 met in May 1999 to take action on the previously submitted proposals for changes to the standard. The final list of amendments is currently being circulated among the committee members for balloting. Final consideration of the modified standard will occur at the Fall 1999 meeting in New Orleans.

NFPA POINT OF CONTACT: Christian Dubay, (617) 984-7435

USCG POINT OF CONTACT: Randall Eberly, G-MSE-4, (202) 267-1444

e-mail: reberly@comdt.uscg.mil

NFPA 1123 Code for Fireworks Display

The Coast Guard is working with the NFPA 1123 committee to develop a chapter addressing the safe conduct of outdoor fireworks aboard vessels and floating platforms. The committee met in March to discuss and respond to the public proposals including a draft chapter. The committee's responses to the public proposals were published in the May edition of the NFPA Report on Proposals (ROP). Members of the public, the marine community, the fire service, and the US Coast Guard are encouraged to submit comments on the committee's responses by October 8, 1999. The form is provided on the back of the standard or using NFPA's "Proposals On-Line" at www.nfpa.org under the Codes and Standards menu item. Within the ROP, a Tentative Interim Amendment (TIA) based on the draft marine chapter has been submitted. If passed, the TIA will establish a new marine chapter in the existing NFPA 1123 to provide guidance for both operators and enforcers of these types of fireworks displays. The Coast Guard is concurrently composing a Navigation and Vessel Inspection Circular (NVIC) to incorporate the TIA with other Coast Guard specific requirements. The committee will meet again in late fall.

NFPA POINT OF CONTACT: Guy Colonna, (617) 984-7435

USCG POINT OF CONTACT: Suzette Hartmann, G-MSE-4, (202) 267-0138

e-mail: shartmann@comdt.uscg.mil

NFPA 2001 Standards on Clean Agent Extinguishing Systems

The Coast Guard asked NFPA to develop a section within NFPA 2001 to address marine clean agent systems. At the December 1998 meeting the committee drafted a revised marine chapter (5) which incorporates recent ROP and Report on Comments (ROC) changes. The changes will be discussed at the July 1999 meeting in Halifax, Canada.

NFPA POINT OF CONTACT: Mark Conroy, (617) 984-7403

USCG POINT OF CONTACT: Klaus Wahle, G-MSE-4, (202) 267-0256

e-mail: kwahle@comdt.uscg.mil



Calendar of Events

Please note: Events without dates will no longer be published. To see which courses are Coast Guard-approved, visit <http://www.uscg.mil/hq/g-m/marpers/examques/achome.htm>
Course information is listed in the following order: Sponsor • Dates • Location • Contact
**Conference or Meeting

BASIC PRINCIPLES OF CHARTERING (HOME STUDY COURSE)

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FLASHING LIGHT

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HAZWOPER REFRESHER

Sponsored by Miller Environmental Group • Dec. 15, 1999 • 588 Edwards Avenue, Calverton, NY 11933 • George Wallace III, Tel.: (516) 727-2662, Fax: (516) 727-2776, e-mail: gwallace@nrcxchange.nrcc.com

PERSON IN CHARGE DANGEROUS LIQUIDS – RENEWAL

Sponsored by Two Rivers Marine Training & Consulting, Inc. • Dec. 15-16, 1999; Jan. 17-18, 2000 • Port Aurthur, TX • Tammy Langston, Tel.: (409) 736-2993, Fax: (409) 736-1628.

PERSON IN CHARGE LIQUIFIED GAS – RENEWAL

Sponsored by Two Rivers Marine Training & Consulting, Inc. • Dec. 15-16, 1999; Jan. 24-25, 2000 • Port Aurthur, TX • Tammy Langston, Tel.: (409) 736-2993, Fax: (409) 736-1628.

SPILL MANAGEMENT SYSTEMS WITH GIS-GPS

Sponsored by Texas A&M University Corpus Christi National Spill Control School • Dec. 15-16, 1999 • Texas A&M University Corpus Christi • Ms. Fran Trevino, Tel.: (512) 980-3333, Fax: (512) 980-3337, e-mail: nscs@tamucc.edu, Web site: www.sci.tamucc.edu/nscs

DRILL INSTRUCTOR WORKSHOP

Sponsored by NPFVOA Vessel Safety Program • Dec. 16, 1999 • Fisherman's Terminal, Seattle, WA • Kasi VerBruggen, Tel.: (206) 285-3383, Fax: (206) 286-9332, e-mail: kasi@npfvoa.org, Web site: www.npfvoa.org

POWERED INDUSTRIAL TRUCKS FUNDAMENTALS AND OPERATIONS

Sponsored by IMS Environmental Services • Dec. 16, 1999 • IMS Environmental Services Training Center, Chesapeake, VA • Phil Biedenbender/Steve May, Tel.: (757) 436-3000, Fax: (757) 549-0990, e-mail: IMStrain@aol.com

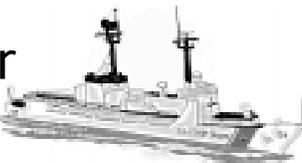
OSHA COMPLIANCE REVIEW FOR FISHING VESSELS

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SAFETY EQUIPMENT & SURVIVAL PROCEDURES

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Calendar of Events



MEDICAL EMERGENCIES AT SEA

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FCC LICENSE ELEMENT 1 AND 7 TRAINING/TESTING

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GMDSS

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HAZARDOUS MATERIALS COURSE

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ORIGINAL RADAR

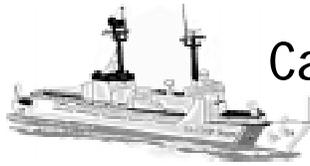
Sponsored by Pacific Northwest Maritime Institute • Jan. 3-7; Jan. 17-21, Feb. 14-18; Mar. 6-10, 2000 • Seattle, WA • Gregg Trunnell, Tel.: (206) 441-2880, Fax: (206) 441-2995, e-mail: pnwradar@mates.org, Web site: www.stcw95.com

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Calendar of Events

SHIPBOARD MEDICAL CARE

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SURVIVAL CRAFT STCW

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TRANSPORTATION RESEARCH BOARD ANNUAL MEETING**

Sponsored by Transportation Research Board • Jan. 9–13, 2000 • Washington, D.C. (Workshops, technical sessions, and committee meetings will take place at the Marriott Wardman Park Hotel, Omni Shoreham Hotel, and the Hilton Washington Hotel) • Tel.: (202) 334–3472, Fax: (202) 334–2299, Web site: www4.national-academies.org/trb/meetings

8-HOUR OSHA HAZWOPER REFRESHER

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ARPA & RADAR RECERTIFICATION

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COASTAL OIL SPILL CONTROL COURSE

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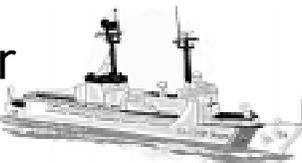
GMDSS

Sponsored by Tecslut Eduplus, Inc., Marine Safety and Environmental Protection Training • Jan. 10–21; Jan. 24–Feb. 4; Feb. 14–25, 2000 • Metropolitan Place, 99 Wyse Road, Dartmouth, Nova Scotia B3A 4S5, Canada • Captain Roger Day, Tel.: (902) 461 6600, Fax: (902) 461 6601, e-mail: rday@eduplus.ca

OSHA HAZWOPER

Sponsored by Massachusetts Maritime Academy, Center for Marine Environmental Protection and Safety • Jan. 10–14; Mar. 6–10 Apr. 3–7; May 22–26, 2000 • MMA Campus, 101 Academy Drive, Buzzards Bay, MA 02532 • Jane Joska, Tel.: (508) 830–5098, Fax: (508) 830–5018, e-mail: jjoska@mma.mass.edu

Calendar of Events



PERSONAL SAFETY AT SEA, PERSONAL SAFETY AND SOCIAL RESPONSIBILITIES, AND FIRST AID & CPR
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Galveston, TX • Cherry Young, Tel: (409) 740–4893, Fax: (409) 744–2890, Web site: [http://
teexweb.tamu.edu/cmts](http://teexweb.tamu.edu/cmts)

PERSON IN CHARGE DANGEROUS LIQUIDS – ORIGINAL

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PETROLEUM TANKER SAFETY

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Captain Roger Day, Tel.: (902) 461–6600 ext. 264, Fax: (902) 461–6601, e-mail: rday@eduplus.ca

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859–5181, e-mail: admissions@mitags.org, Web site: www.mitags.org

TANK BARGE PERSON IN CHARGE

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teexweb.tamu.edu/cmts](http://teexweb.tamu.edu/cmts)

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TANK BARGE FIRE FIGHTING

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GMDSS

Sponsored by Pacific Northwest Maritime Institute • Jan. 17–28; Jan. 31–Feb. 11; Mar. 20–31, 2000 •
Seattle, WA • Gregg Trunnell, Tel.: (206) 441–2880, Fax: (206) 441–2995, e-mail: pnwradar@mates.org,
Web site: www.stcw95.com

PERSON IN CHARGE LIQUIFIED GAS – ORIGINAL

Sponsored by Two Rivers Marine Training & Consulting, Inc. • Jan. 17–21, 2000 • Port Aurthur, TX •
Tammy Langston, Tel.: (409) 736–2993, Fax: (409) 736–1628.

PRACTICAL RISK ASSESSMENT

Sponsored by DNV Training • Jan. 17–18; Mar. 20–21; Apr. 3–4; May 8–9; Jun. 19–20; Jul. 10–11; Aug.
7–8; Sep. 18–19; Nov. 6–7; Nov. 13–14; Dec. 4–5, 2000 • Atlanta, GA; Houston, TX; Calgary, AB;
Toronto, ON; Vancouver, BC; Mexico City, ME; Monterrey, ME; Valencia, VEN • Tel.: (770) 279–0001, Fax:
(770) 279–0282, e-mail: sheq-atl@dnv.com, Web site: www.dnvtraining.com

SHIPHANDLING SIMULATOR COURSE

Sponsored by Maritime Institute of Technology and Graduate Studies • Jan. 17–28; Feb. 14–25, 2000 •
MITAGS Campus, Linthicum Heights, MD • Mary Matlock, Tel.: (410) 859–5700, Fax: (410) 859–5181, e-
mail: admissions@mitags.org, Web site: www.mitags.org



Calendar of Events

QUALIFIED INDIVIDUAL TRAINING

Sponsored by Cape Canaveral Marine Services • Jan. 18–20, 2000 • Cape Canaveral, FL • Jim Bell or Chris Jackson, Tel.: (321) 868–0670, Fax: (321) 799–2762, e-mail: info@ccmsusa.com, Web site:

www.ccmsusa.com

ADVANCED FIRE FIGHTING

Sponsored by Maritime Institute of Technology and Graduate Studies • Jan. 24–28, 2000 • MITAGS Campus, Linthicum Heights, MD • Mary Matlock, Tel.: (410) 859–5700, Fax: (410) 859–5181, e-mail: admissions@mitags.org, Web site: www.mitags.org

BASIC SAFETY TRAINING

Sponsored by Resolve Fire & Hazard Response, Inc. • Jan. 24–28, 2000 • Resolve Fire & Hazard Response, 3305 SE 19th Ave., Fort Lauderdale, FL 33316 • Todd Duke, Tel.: (888) 886–FIRE, Fax: (954) 356–5898, e-mail: resolvfire@aol.com

BRIDGE RESOURCE MANAGEMENT

Sponsored by Texas A&M Center for Marine Training and Safety • Jan. 24–28; Feb. 21–25, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4893, Fax: (409) 744–2890, Web site: [http://](http://teexweb.tamu.edu/cmts)

teexweb.tamu.edu/cmts

CHEMICAL TANKER SAFETY

Sponsored by Tecslut Eduplus, Inc., Marine Safety and Environmental Protection Training • Jan. 24–28, 2000; Mar. 27–31, 2000 • Metropolitan Place, 99 Wyse Road, Dartmouth, Nova Scotia B3A 4S5, CANADA • Captain Roger Day, Tel: (902) 461–6600 ext. 264, Fax: (902) 461–6601, e-mail: rday@eduplus.ca

FRESHWATER/INLAND OIL SPILL CONTROL COURSE

Sponsored by Texas A&M Center for Marine Training and Safety • Jan. 24–28 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4893, Fax: (409) 744–2890, Web site: <http://teexweb.tamu.edu/cmts>

GMDSS

Sponsored by Texas A&M Center for Marine Training and Safety • Jan. 24–Feb. 2; Feb. 7–16; 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4893, Fax: (409) 744–2890, Web site: [http://](http://teexweb.tamu.edu/cmts)

teexweb.tamu.edu/cmts

TANKSHIP/BARGE DANGEROUS LIQUID CARGO

Sponsored by U.S. Merchant Marine Academy • Jan. 24–28, 2000 • Kings Point, NY • John Hazlett, Tel.: (516) 773–5164, Fax: (516) 773–5353, e-mail: hazlettj@usmma.com

TANKSHIP PERSON IN CHARGE DANGEROUS LIQUIDS

Sponsored by Texas A&M Center for Marine Training and Safety • Jan. 24–28, Feb. 14–18; 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4893, Fax: (409) 744–2890, Web site: [http://](http://teexweb.tamu.edu/cmts)

teexweb.tamu.edu/cmts

TRAIN THE TRAINER

Sponsored by RTM Star Center • Jan. 24–28, 2000 • RTM Star Center, 2 W. Dixie Hwy., Dania, FL 33004 • RTM Star Center, Tel.: (800) 445–4522, Fax: (954) 920–4268, Web site: www.star-center.com

FAST RESCUE BOAT IMO STCW

Sponsored by Texas A&M Center for Marine Training and Safety • Jan. 26–28; Feb. 23–25, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4893, Fax: (409) 744–2890, Web site: [http://](http://teexweb.tamu.edu/cmts)

teexweb.tamu.edu/cmts

FLASHING LIGHT

Sponsored by Maritime Institute of Technology and Graduate Studies • Jan. 28; Mar. 3, 2000 • MITAGS Campus, Linthicum Heights, MD • Mary Matlock, Tel.: (410) 859–5700, Fax: (410) 859–5181, e-mail: admissions@mitags.org, Web site: www.mitags.org

Calendar of Events



MEDICAL FIRST AID

Sponsored by Maritime Institute of Technology and Graduate Studies • Jan. 31–Feb. 4; Feb. 28–Mar. 3, 2000 • MITAGS Campus, Linthicum Heights, MD • Mary Matlock, Tel.: (410) 859–5700, Fax: (410) 859–5181, e-mail: admissions@mitags.org, Web site: www.mitags.org

STCW SAFETY MODULES

Sponsored by U.S. Merchant Marine Academy • Jan. 31–Feb. 4, 2000 • Kings Point, NY • John Hazlett, Tel.: (516) 773–5164, Fax: (516) 773–5353, e-mail: hazlettj@usmma.com

ISO 14001 INTERNAL AUDITOR

Sponsored by DNV Training • Feb. 1–3; Feb. 22–24; Apr. 4–6; Jun. 6–8; Aug. 8–10; Aug. 22–24; Oct. 3–5; Oct. 31–Nov. 2; Nov. 28–30, 2000 • Houston, TX; Atlanta, GA; Mexico: Mexico City, Ciudad Juarez, Guadalajara, and Reynosa • Tel.: (770) 279–0001, Fax: (770) 279–0282, e-mail: sheq-atl@dnv.com, Web site: www.dnvtraining.com

BRIDGE RESOURCE MANAGEMENT FOR PILOTS II

Sponsored by Maritime Institute of Technology and Graduate Studies • Feb. 7–8, 2000 • MITAGS Campus, Linthicum Heights, MD • Mike Wein, (410) 859–5700, Fax: (410) 859–5181, e-mail: mwein@mitags.org, Web site: www.mitags.org

ISO 9000 LEAD ASSESSOR

Sponsored by DNV Training • Feb. 7–11; Apr. 3–7; Jun. 19–23; Aug. 7–11; Sep. 25–29; Nov. 6–11, 2000 • Houston, TX; Atlanta, GA; San Diego, CA • Tel.: (770) 279–0001, Fax: (770) 279–0282, e-mail: sheq-atl@dnv.com, Web site: www.dnvtraining.com

QUALIFIED INDIVIDUAL/SPILL MANAGEMENT COURSE

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 7–11, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4893, Fax: (409) 744–2890, Web site: <http://teexweb.tamu.edu/cmts>

CRUDE OIL WASHING AND INERT GAS SYSTEMS

Sponsored by Tecscult Eduplus, Inc., Marine Safety and Environmental Protection Training • Feb. 14–17; May 8–11, 2000 • Metropolitan Place, 99 Wyse Road, Dartmouth, Nova Scotia B3A 4S5, Canada • Captain Roger Day, Tel.: (902) 461–6600, Fax: (902) 461–6601, e-mail: rday@eduplus.ca

MEDICAL PERSON IN CHARGE

Sponsored by Maritime Institute of Technology and Graduate Studies • Feb. 14–25; Mar. 3–24, 2000 • MITAGS Campus, Linthicum Heights, MD • Mary Matlock, Tel.: (410) 859–5700, Fax: (410) 859–5181, e-mail: admissions@mitags.org, Web site: www.mitags.org

ISO 9000 INTERNAL AUDITOR

Sponsored by DNV Training • Feb. 15–17; Mar. 7–9; Apr. 11–13; Jun. 6–8; Jun. 20–22; Jul. 18–20; Sep. 12–14; Oct. 10–12; Nov. 28–30, 2000 • Houston, TX; Atlanta, GA; River Edge, NJ; San Diego, CA; Monterrey, MX • Tel.: (770) 279–0001, Fax: (770) 279–0282, e-mail: sheq-atl@dnv.com, Web site: www.dnvtraining.com

SAFE PASSAGE, SAFE HARBOR**

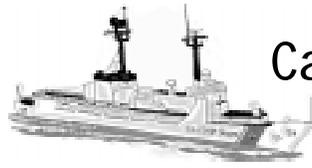
Sponsored by Marine Log and BIMCO (Baltic and International Maritime Council) • Feb. 16–17, 2000 • Washington, DC • Jane Poterala, Director, Tel.: (212) 620–7209, Stacey O'Connor, Tel.: (212) 620–7208, Fax: (212) 633–1165

FCC LICENSE ELEMENT 1, 3, 7, 9 (GMDSS RADIO OPERATOR/MAINTAINER)

Sponsored by MCC • Feb. 21–Mar. 3, 2000 • 2503 E. Austin Ave., Pasadena, TX • Frank Dawsey, Tel.: (713) 473–6143, Fax: (713) 473–6296

NIIMS ICS–BASIC

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 21 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4893, Fax: (409) 744–2890, Web site: <http://teexweb.tamu.edu/cmts>



Calendar of Events

SHIPBOARD MANAGEMENT

Sponsored by DNV Training • Feb. 21–25, 2000 • Houston, TX; River Edge, NJ; Vancouver, BC • Tel.: (770) 279–0001, Fax: (770) 279–0282, e-mail: sheq-atl@dnv.com, Web site: www.dnvtraining.com

INTERMEDIATE INCIDENT COMMAND SYSTEM ICSINT (I-300)

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 22–23, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4893, Fax: (409) 744–2890, Web site: <http://teexweb.tamu.edu/cmts>

GLOBAL INTERMODAL FREIGHT: STATE OF READINESS FOR THE 21ST CENTURY**

Sponsored by the Transportation Research Board • Feb. 23–26, 2000 • Hyatt Regency Long Beach Hotel, Long Beach, CA. • Tel.: (202) 334–3205, Fax: (202) 334–2030, e-mail: jcambrid@nas.edu

ADVANCED INCIDENT COMMAND SYSTEM ICSADV (I-400)

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 24–25, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4893, Fax: (409) 744–2890, Web site: <http://teexweb.tamu.edu/cmts>

ISM CODE AND ISO STANDARD INTERNAL AUDITOR TRAINING

Sponsored by Tecslut Eduplus, Inc., Marine Safety and Environmental Protection Training • Feb. 28–Mar. 3; May 29–Jun. 2, 2000 • Metropolitan Place, 99 Wyse Road, Dartmouth, Nova Scotia B3A 4S5, CANADA • Captain Roger Day, Tel.: (902) 461–6600 ext. 264, Fax: (902) 461–6601, e-mail: rday@eduplus.ca

ARPA

Sponsored by U.S. Merchant Marine Academy • March 6–10, 2000 • Kings Point, NY • John Hazlett, Tel.: (516) 773–5164, Fax: (516) 773–5353, e-mail: hazlettj@usmma.com

MARITIME HF 2000 CONFERENCE**

Sponsored by Maritime Institute of Technology and Graduate Studies and the Human Factors Group • Mar. 13–14, 2000 • MITAGS Campus, Linthicum Heights, MD • Mary Matlock, Tel.: (410) 859–5700, Fax: (410) 859–5181; e-mail: admissions@mitags.org, Web site: www.mitags.org

OPA-90 QUALIFIED INDIVIDUAL TRAINING PROGRAM

Sponsored by Massachusetts Maritime Academy, Center for Marine Environmental Protection and Safety • Mar. 13–17; Apr. 10–14; May 15–19, 2000 • MMA Campus, 101 Academy Drive, Buzzards Bay, MA 02532 • Jane Joska, Tel.: (508) 830–5098, Fax: (508) 830–5018, e-mail: jjoska@mma.mass.edu

INTRO TO ISO 9000 YEAR 2000 UPDATE

Sponsored by DNV Training • Mar. 14; Apr. 25; May 9; May 25; Jul. 7; Jul. 18; Jul. 25; Aug. 4; Aug. 24; Sep. 19; Oct. 10; Oct. 13; Oct. 26, 2000 • Atlanta, GA; Detroit, MI; Houston, TX; Long Beach, CA; San Diego, CA; Monterrey, MX • Tel.: (770) 279–0001, Fax: (770) 279–0282, e-mail: sheq-atl@dnv.com, Web site: www.dnvtraining.com

OPA-90 QUALIFIED INDIVIDUAL ANNUAL REFRESHER

Sponsored by Massachusetts Maritime Academy, Center for Marine Environmental Protection and Safety • Mar. 16–17; Apr. 13–14; May 18–19, 1999 • MMA Campus, 101 Academy Drive, Buzzards Bay, MA 02532 • Jane Joska, Tel.: (508) 830–5098, Fax: (508) 830–5018, e-mail: jjoska@mma.mass.edu

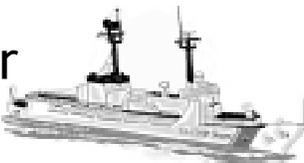
ACCIDENT INVESTIGATION

Sponsored by DNV Training • Mar. 22–24; Apr. 5–7; May 10–12; Jun. 21–23; Jul 5–7; Jul. 12–14; Aug. 9–11; Sep. 20–22; Nov. 8–10; Nov. 15–17; Dec. 6–8, 2000 • Atlanta, GA; Houston, TX; Washington; DC; Calgary, AB; Toronto, ON; Vancouver, BC; Mexico City, MX; Monterrey, MX; Valencia, VEN • Tel.: (770) 279–0001, Fax: (770) 279–0282, e-mail: sheq-atl@dnv.com, Web site: www.dnvtraining.com

17TH BIENNIAL INTERNATIONAL CONFERENCE ON THE PREVENTION, BEHAVIOR, CONTROL AND CLEANUP OF OIL SPILLS**

March 26–29, 2000 • Tampa, FL • Web site: www.iosc.org

Calendar of Events



HAZMAT 2000 SPILLS PREVENTION CONFERENCE**

April 4-6, 2000 • Regal Riverfront Hotel, St. Louis, MO • e-mail: hazmat2000@nrt.org, Web site:
www.nrt.org/nrt/hazmat2000/hazmat2000.nsf

SASMEX INTERNATIONAL 2000**

May 9-11, 2000 • Brighton, Sussex, England • Gillian Jones, e-mail: gjones@dmg.co.uk, Web site:
www.dmg.co.uk

ISM INTERNAL AUDITOR

Sponsored by DNV Training • May 22-26; Jun. 12-16; Oct. 9-13, 2000 • Houston, TX; River Edge, NJ;
Vancouver, BC • Tel.: (770) 279-0001, Fax: (770) 279-0282, e-mail: sheq-atl@dnv.com, Web site:
www.dnvtraining.com

SHIP STRUCTURES FOR THE NEW MILLENNIUM**

Sponsored by American Society of Naval Engineers, Society of Naval Architects and Marine Engineers,
and Interagency Ship Structure Committee • June 13-14, 2000 • Arlington, VA • Bill Vorus, Tel.: (504)
280-3871, Fax: (504) 280-3898, e-mail: wvorus@uno.edu

PAXTRIM (PASSENGER SAFETY)

Sponsored by DNV Training • Aug. 15-16, 2000 • Vancouver, BC • Tel.: (770) 279-0001, Fax: (770)
279-0282, e-mail: sheq-atl@dnv.com, Web site: www.dnvtraining.com

MARITIME LEGISLATION, REGULATION AND POLICY**

Sep. 19-20, 2000 • Washington, DC • Jane Poterala, Director, Tel.: (212) 620-7209, Stacey O'Connor,
Tel.: (212) 620-7208, Fax: (212) 633-1165

SHIPBUILDING DECISIONS 8TH ANNUAL CONFERENCE**

Sponsored by Marine Log • Nov. 29-30, 2000 • Washington, DC • Jane Poterala, Director, Tel.: (212)
620-7209, Stacey O'Connor, Tel.: (212) 620-7208, Fax: (212) 633-1165

Contributions

Marine Safety Newsletter and *Proceedings* magazine welcome manuscript and photo submissions for publication. No payment can be made for manuscripts or photos submitted for publication. However, an author or photo credit byline will be given. The Editor reserves the right to make any editorial changes in manuscripts which he believes will improve the material without altering the intended meaning. All correspondence should be addressed to: Editor, U.S. Coast Guard, National Maritime Center, 4200 Wilson Boulevard, Suite 510, Arlington, VA 22203-1804.

Calendar of Events Submissions

Due to the large number of submissions for the Calendar of Events Section, we will list all events that occur the month after publication and later in chronological order. Other events will be included, if space permits.

Deadlines

- The *Marine Safety Newsletter* is published monthly on the 5th of each month.
- The deadline for articles, calendar events, and regulatory information is on the 25th of the previous month.
- Readers receive their copy of the *Marine Safety Newsletter* around the 15th of each month.

Up to the Minute News

Items missing the deadline for the *Marine Safety Newsletter* are posted on the World Wide Web at:
www.uscg.mil/hq/g-m/gmhome.htm.

Address Changes

If you would like to receive the *Marine Safety Newsletter* or change your address (be sure to send label or include code number), please call (202) 493-1056 or fax (202) 493-1065.

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The current and past issues of the newsletter can be viewed at www.uscg.mil/hq/g-m/nmc/pubs/newsltr/index.htm.

*Have a safe and happy
holiday season!*

MARINE SAFETY NEWSLETTER EDITOR
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NATIONAL MARITIME CENTER
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