

Marine Safety Newsletter

US Coast Guard Marine Safety and Environmental Protection Directorate

Y2K Update

In less than 80 days, the Coast Guard will know unequivocally whether its preparations to avoid potential danger in the maritime industry when the clock strikes midnight on New Year's Eve have worked. So far, the jury is still out.

In September, Admiral George Naccara told a Senate committee on Y2K technology concerns that the precautions the Coast Guard has been taking will allow the nation's ports to remain open and shipping to proceed without significant disruption on January 1.

However, the Department of Transportation's inspector general, Kenneth Meade, painted a darker picture. He stated that only 43% of shipping companies have responded to the Coast Guard's Y2K readiness questionnaire. He also said that only 39% of U.S. port authorities surveyed by the American Association of Port Authorities reported they are making good progress on their Y2K safety checks. More disturbing, more than one-third of the total surveyed did not respond. Clearly, more information is needed to ensure the industry's safety.



The Coast Guard is very serious about the matter, and they want shipowners and terminal operators to know that they do have the authority to impose operating restraints on those that fail to meet Y2K safe-operating standards. The first Y2K-like test occurred on September 9. The Coast Guard took precautions for this date, in preparation for computers reading the date 9-9-99 and possibly shutting down. No one was sure what exactly would happen, but, as it turned out, nothing catastrophic did occur.

Just in case, though, from September 7-9, port captains issued orders to 175 ships and 85 facilities on land. Various levels of restrictions on ship movements and cargo loading were enforced. Several ships were denied port entry or departure, and some terminals were shut down completely. The main reasons for the restrictions were that the Coast Guard officials had received incomplete information—or none at all—about those companies' computer system checks, contingency plans, or other Y2K-related safety precautions.

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Naccara said he believes the situation will improve slowly in the U.S. and around the world between now and New Year's Eve.

To keep track of the latest developments or to get a copy of the Coast Guard's Y2K readiness questionnaire, visit www.uscg.mil/hq/g-m/y2kweb/.

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 choose and edit which articles are published. Articles may be submitted by e-mail to ehardin@ballston.uscg.mil or on a 3 ½-inch PC compatible disk. They must be received by January 10, 2000. For further guidance or information please contact the editor at:

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Safety in Numbers— Marine Workshop

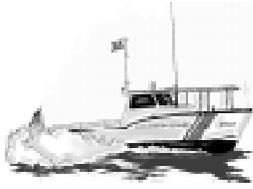
On September 23, the Department of Transportation's Bureau of Transportation Statistics, in conjunction with the U.S. Coast Guard, Maritime Administration, and the St. Lawrence Seaway Development Corporation, held its first workshop on *Safety in Numbers—Using Statistics to Make the Transportation System Safer*. The marine workshop is the first in a series of four modal workshops that will lay the foundation for developing a better understanding of stakeholders' transportation safety data needs and enable decision makers to develop an action plan to make

the transportation system safer. It is expected that the four modal workshops will culminate in an intermodal conference. Transportation safety data issues were identified as a priority by participants at the Department of Transportation's National Transportation Safety System Conference sponsored by Secretary Rodney Slater this past March.

Participants in the workshop represented a variety of organizations with a stake in the safe transport of people and goods via water, including those from public policy, industry, labor, academia, enforcement and advocacy. The day-long workshop was divided into three breakout sessions and participants were separated into small groups to consider the following three topics: (1) *Establishing Where We Are*—where participants described current data collection and analysis efforts and discussed how current needs are met; (2) *Deciding Where We Want To Be*—where participants described the desired future state for safety outcome measurement, data collection, and data use; and (3) *Developing Ideas To Get To Where We Want To Be*—where participants discussed the next steps to be taken, with respect to data, to improve the safety of the maritime transportation system, and identified priorities. Subsequently, at the end of each breakout session, leaders of the small groups debriefed all participants on the discussions held within the groups.

As a result of extensive discussion among the groups, participants were successful in developing a prioritized action plan that will result in quality and relevant safety data. The plan includes the following elements:

- Identify the lead agency responsible to manage the process. Begin funding process.
- Conduct a stakeholder survey of data information needs in terms of user requirements, including timeliness of data and its dissemination, delivery mechanisms, root cause and precursor analysis. Conduct an inventory of existing sources.
- Develop a consensus on shared and unique goals between stakeholders to concurrently enact legislative protections including those to eliminate retribution to individuals and organizations, and benchmark and conduct human factors workshops.
- Develop an action plan with clear goals and objectives, specific plans, milestones, and time frames to upgrade system.
- Develop data element dictionary across all stakeholder users.
- Define common operating environment.
- Develop creative funding streams to finance process—implementing funding.
- Execute plan.



The workshop concluded with closing remarks from Joseph Angelo, Director of Standards Directorate U.S. Coast Guard; John Graykowski, Deputy Administrator, Maritime Administration; and Dr. Ashish Sen, Director, Bureau of Transportation Statistics, commenting on the success of the workshop.

Where There's a Whale, There's a Way

While on a fisheries law enforcement patrol in the Gulf of Maine, the Coast Guard Cutter Point Hannon, homeported in Jonesport, Maine, received a radio call around 12:30 on August 23, from a commercial boater reporting a Humpback whale in distress.



The Coast Guard Cutter Point Hannon received a radio call reporting the distressed whale and quickly arrived on scene to assist in the rescue. The Cutter Point Hannon is an 82-foot patrol boat homeported in Jonesport, Maine.

The Point Hannon immediately diverted to the scene and arrived to find the 40-foot whale wrapped in line from a lobster trap. The mammal was twisting and turning in the frigid but calm waters.

Several whale watching tour boats soon arrived and circled cautiously giving tourists close glimpses of the whale as tour guides aboard the boats described the situation over the loud speaker.

Bob Bowman, the Maine project director for the Center for Coastal Studies, was contacted, and within an hour Bowman arrived in his gray rigid-hull inflatable boat.

After making several close approaches and peering into the water numerous times, Bowman suggested snagging the tangled lines with a grappling hook and severing the line with a knife.



Bob Bowman, the Maine project director for the Center for Coastal Studies, attempts to cut the line from the entangled mammal. Humpbacks often reach lengths of 40 to 50 feet.

Shortly after Bowman's arrival, a 41-foot rescue boat from Coast Guard Station Southwest Harbor, Maine arrived on scene to assist in the rescue.



With the help from several crewmembers from a Coast Guard 41-foot rescue boat homeported at Coast Guard Station Southwest Harbor, Maine, Bob Bowman, the Maine project director for the Center of Coastal Studies, frees the entangled Humpback whale. The Humpback whale is an endangered mammal whose population is estimated to be between 10,000 and 15,000.

After several attempts, the line was snagged and the whale, just below the surface of the water, dragged the tiny gray boat in circles. The line holding the whale was then transferred to the 41-foot boat and Bowman and a Coast Guard crewmember were able to move in closer and free the exhausted whale within hours of the initial call.

The Coast Guard works closely with other agencies to preserve and protect marine mammals.

Story and photos by PA3 Brent M. Erb



Coast Guard seeks Comments on Barges Carrying Bulk Liquid Hazardous Material Cargoes

The Coast Guard requests comments regarding 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 issues, technology standards, and industry practices. At this early stage of the rulemaking process information is needed to help identify potential regulatory revisions.

Comments must reach the Docket Management Facility, U.S. Department of Transportation, room PL-401, 400 Seventh Street SW, Washington, DC 20590-0001 on or before March 7, 2000.

For questions on this advanced notice, call Mr. Thomas Felleisen, Hazardous Materials Standards Division, (202) 267-0085.

An Assessment of the Marine Transportation System

The Coast Guard and the Maritime Administration announce the availability of the Report to Congress "An Assessment of the Marine Transportation System." A task force comprised of private and public members was asked to consider the capability of the Marine Transportation System (MTS), the adequacy of the depth of channels and harbors, and the cost to the Federal government of accommodating projected increases in foreign and domestic traffic over the next 20 years. Evaluations of the nation's capability to dispose of dredged materials and the future of the navigational aid system were additional components of this effort.

This Report is available for review and comment. Comments must be received by November 8, 1999 at the Docket Management Facility, U.S. Department of Transportation, room PL-401, 400 Seventh Street SW, Washington, DC 20590-0001.

For questions on this notice, call Ms. Margie Hegy, U.S. Coast Guard (G-MW), (202) 267-0415.

WWW.



What's New on the World Wide Web

<http://www.uscg.mil/hq/g-m/gmhome.htm>

Analysis of the Geographic Coverage Provided by the International Tug of Opportunity System From November 1998 - May 1999

www.uscg.mil/hq/g-m/itos.pdf

OPA 90 Frequently Asked Questions

www.uscg.mil/hq/g-m/opa90faq.pdf

NVIC 10-99 Interpretations of SOLAS Chapter II-2

www.uscg.mil/hq/g-m/nvic/10_99/n10-99.pdf

NVIC 9-99 Protective Equipment Required for Firefighter's Outfits

www.uscg.mil/hq/g-m/nvic/9_99/n9-99.pdf

Year 2000 Website

www.uscg.mil/hq/g-m/y2kweb/

Advisory Committee Vacancies

www.uscg.mil/hq/g-m/advisory/index.htm



27th session of the IMO Facilitation Committee

The 27th session of the Facilitation (FAL) Committee of IMO met September 6–10. The meeting was attended by 50 member governments, 1 associate member government, 4 intergovernmental organizations, and 16 non-governmental organizations. There were several items of particular interest.

Adoption of Amendments to the Annex of the Convention: The Committee adopted by resolution FAL.6(27) amendments to the annex of the Convention on Facilitation of International Maritime Traffic, 1965. These amendments involved electronic data processing techniques; illicit drug trafficking; the arrival, stay, and departure of ships; arrival and departure of persons; and the clearance of cargo and other articles. The Committee unanimously decided that the amendments should enter into force, in accordance with article vii(2)(b) of the Convention, on January 1, 2001, unless prior to October 1, 2000, at least one third of the contracting governments to the Convention notify the Secretary-General in writing that they do not accept them.

Matters Related to Stowaways: The Committee proposed that member states and international organizations concerned should continue to submit statistics on stowaway cases. These submissions should be based on the new revised circular approved this session. These statistics will be compiled and issued on a quarterly basis to member states and international organizations. A Correspondence Group (C/G) on stowaways was created with terms of reference being developed under the leadership of the United States. The C/G is to: (1) consider the statistical information; (2) examine effectiveness of the existing stowaway guidelines; (3) consider draft text on key elements

for possible inclusion in the FAL Convention or a new binding instrument; and (4) examine port security issues. Denmark will coordinate the C/G and the United States will participate.

Ship-Port Interface: The Ship-Port Interface (SPI) Working Group (W/G) also met. The SPI W/G received matters directed to it by the MSC, MEPC, and FAL Committees and its work program regarding: (1) model course assessment for cargo handling in port areas; (2) promotion of electronic data interface (EDI) in matters related to port management; (3) assessment of availability of adequate tug assistance in ports; (4) development of an information leaflet for terminal operators loading and unloading solid bulk cargoes; (5) updating of the bibliography list for training involving FAL.6/Circ.8 (March 15, 1999); and (6) evaluate the need for recommended minimum standards for the training and education of port marine personnel.

The SPI W/G reported back to FAL 27 during the session regarding: (1) the approval of a draft revised FAL.6 circular on updating the bibliography list; (2) providing guidance on the development of a model course for the safe and secure packing of cargo transport units (CTU); (3) the development of a draft MSC circular on the safe loading and unloading of solid bulk vessels by terminal representatives; (4) removal of EDI from the W/G's work agenda (for the time being); (5) a request for direction on the development of standards for the training of port marine personnel; and (6) a re-evaluation of the W/G's work program as requested by FAL 27.

The SPI W/G also completed a report to the MSC, MEPC, and FAL on its work regarding the availability of tugs and a model course on the proper safety for the loading and securing of cargo transportation units (CTU) as directed by FAL 27. A complete SPI W/G report was drafted to be provided to FAL 28 for its approval on matters not considered this session.

UPCOMING IMO MEETINGS

October 4-8	21st Consultative Meeting of Contracting Parties to the London Convention 1972
October 11-15	Legal Committee—80th session
October 18-22	IOPC Funds—92 Fund Assembly, 71 Fund Executive Committee, 71 Fund Executive Committee
November 12	Council—20th extraordinary session
November 15-26	Assembly—21st session
November 26	Council—83rd session

The International Maritime Organization Corner better informs the maritime community about the vital work conducted through this international organization. The IMO Corner will present highlights of recently completed meetings, a calendar of IMO meetings, as well as a listing of supporting U.S. SOLAS Working Group meetings.

Fall 1999 Towing Safety Advisory Committee Meeting

The Towing Safety Advisory Committee (TSAC) met on September 15 and 16 at Coast Guard Headquarters in Washington, DC.

RADM Robert North spoke briefly about the Marine Transportation System (MTS) Report to Congress in September. He believes that the efforts of the working groups all feed into the MTS plan's concept of safety and environmental protection.

Also at the meeting, CAPT Peter Richardson introduced himself as the new Executive Director of TSAC. In addition, he commended the committee's efforts to align its activities with the G-M Performance Plan.

Several topics were discussed at the meeting. Some of the most important were related to TSAC's recommendations on various regulatory and non-regulatory projects. One of the proposed rules discussed was for voyage planning. The rulemaking effort is intended to better organize the existing regulation to make it more useful to the mariner. A TSAC working group is developing a draft for a voyage-planning Navigation and Vessel Inspection Circular (NVIC). The voyage-planning NVIC would provide more detailed guidance for voyage/trip planning that would not be provided by the rulemaking.

Another topic that is important to today's mariner is that of electronic charts. The basic task of the group was to develop criteria for the charting system to be acceptable as a substitute for paper charts on inland/domestic vessels not subject to SOLAS. A public attendee, who is also a member of the Navigation Safety Advisory Committee (NAVSAC), spoke briefly on the need to consolidate

and reconcile information provided by paper charts and data provided by a vessel's Global Positioning System (GPS) equipment. His concern is that most people have a tendency to rely on electronically generated information without verifying the accuracy of the input devices, especially those that are computer driven.

The committee revised the task order to narrow the scope and refocus the work group's efforts to be more responsive to the NTSB recommendations on the Northcape and Scandia incident. The work group will look at current requirements for tug assistance in local, state, and federal jurisdictions. In addition, the work group will investigate remote anchor devices, equipment availability, manufacturers, and possible training requirements for crew operations.

A work group also has been looking at communications within the towing industry. This work group is drafting a report for improving the delivery and availability of safety, education, and Prevention Through People information to the towing industry.

One of the non-regulatory projects being pursued by TSAC is related to cargo securing. A new work group on this issue will focus on developing a non-regulatory self-evaluation system for the domestic industry. It will concern providing input on current stowage and lashing policies, as well as looking into the feasibility of extending the new SOLAS regulation to domestic operations.

Public comments were entertained on the following topics:

- Pilot (uninspected towing vessel operator) fatigue
- Disregard for the 12-hour work rule;
- Difficulty in recruiting and retaining qualified officers and crew in the towing industry; and
- Protection for crewmembers from retaliation for properly reporting safety violations.

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. Sirkar, Tel.: (202) 267-6925

Port Access Routes Study; Strait of Juan de Fuca and Adjacent Waters

The Coast Guard is conducting a study of port-access routes to evaluate the continued applicability of and the need for modifications to current vessel routing measures in and around the Strait of Juan de Fuca and adjacent waters, including Admiralty Inlet, Rosario Strait, Haro Strait, Boundary Pass, and the Strait of Georgia. The goal of the study is to help reduce the risk of marine casualties and increase vessel traffic management efficiency in the study area. The recommendations of the study may lead to future rulemaking or appropriate international agreements.

STATUS: Notice; request for comments (USCG-1999-4974) published on January 20, 1999 (64 FR 3145). Notice of meeting; extension of comment period published on April 15, 1999 (64 FR 18651). Comment period closed on May 31, 1999. Public meeting was held on May 12, 1999 in Seattle.

CONTACT: John Mikesell, Tel.: (206) 220-7272 or Barbara Marx, Tel.: (202) 267-0574

Prince William Sound Notice of Study Results

The Port Access Route Study looked into vessel transit safety and recommended some changes to the traffic lane separation scheme (TSS) in the vicinity of Prince William Sound (PWS), AK. The changes were recommended only to the approach routes used by vessels in the voluntary TSS. This study was conducted as a result of a PWS Risk Assessment Steering Committee report regarding oil shipping risk within the sound. USCG MSO Valdez completed the study on March 4, 1999. The Notice of Study was released in the Federal Register on February 9, 1998 (63 FR 6502).

STATUS: Drafting the Federal Register notice.

CONTACT: LT Michael Dreier, Tel.: (202) 267-6490

Crew Size Evaluation Model

The Crew Size Evaluation Model (CSEM) was developed for Coast Guard proprietary use by a research team including the Coast Guard Research & Development Center (R&DC), Battelle Seattle Research Center, and Rensselaer Polytechnic Institute. The application will facilitate an understanding of how changes in operational factors (such as port call frequency or shoreside maintenance) can affect the number of crew needed aboard the ship. It can also be used to evaluate crew proposals for merchant vessels. CSEM has been developed over several years based on the premise that technological change and economic pressure are forcing the Coast Guard to take a new look at determining minimum crew complements. It uses crew tasking and work hours as objective measures to help determine appropriate manning. CSEM has been designed as an analysis tool that will support policy decisions related to the determination and evaluation of vessel manning. Initially sponsored by G-MSO, CSEM will be implemented in G-MOC as the Office responsible for vessel manning compliance.

STATUS: A "Beta" version delivered to G-MOC and user training provided December 1998. After obtaining input from users, a final version will be delivered in FY99.

G-M Studies



Port Access Routes Study for Approaches to Los Angeles and Long Beach

The Coast Guard is conducting a study of port-access routes for the approaches to Los Angeles and Long Beach. The study will evaluate potential effects of recent port improvement projects on navigational safety and vessel traffic management efficiency in the study area and may recommend changes to existing vessel routing measures. The recommendations of the study may lead to future rulemaking.

STATUS: Request for comments (USCG-1999-5198) published on March 11, 1999 (64 FR 12139). Comment period closed on May 10, 1999.

CONTACT: Mike VanHouten, Tel.: (510) 437-2968

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

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

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



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 <http://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

CDG 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 April 19, 1999 (64 FR 19039), the Coast Guard published a notice delaying the effective date of subpart D until October 24, 1999.

STATUS: IFR published on April 25, 1995 (60 FR 20310). SNPRM being drafted.
CONTACT: ENS Christopher Williamee, Tel.: (202) 267-6989

CDG 94-055 Licensing and Manning for Operators of Towing Vessels

This rulemaking would revise the requirements for licensing those individuals operating towing vessels. It would institute new licenses with levels of qualification and with enhanced training and operating experience. Further, it would require all towing vessels to be manned by officers holding licenses specifically authorizing such service. It is based on the investigation of a collision of a tug and barge with a railroad bridge, near Mobile, AL, in September 1993, which caused 47 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 comment period closed February 24, 1998. Interim Rule is in clearance.

CONTACT: LCDR Luke Harden, Tel.: (202) 267-0229

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

USCG 1998-3423 Implementation of the National Inva- sive 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 United States.

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

G-M Regulatory Projects



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

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

USCG 1998-4302 Handling of Class I (Explosive) Ma- terial 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

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

USCG 1998-4399 Automatic Identi- fication System Carriage Require- ment; Vessel Traf- fic 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



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; or Mr. Allen Penn, Tel.: (202) 267-2997

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, fire-fighting 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

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

G-M Regulatory Projects



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

USCG 1999-5040 Safety of Unin- spected 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: Mr. James Cratty, Tel.: (202) 267-6742.

USCG 1999-5525 Mandatory Ship Reporting Sys- tems

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

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



G-M Regulatory Projects

**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

**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

**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



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)

Sponsored by Association of Ship Brokers and Agents • Tel.: (973) 376-4144, Fax: (973) 376-4145, e-mail: asba@asba.org, Web site: www.asba.org

ASNE ENVIRONMENTAL SYMPOSIUM**

Sponsored by American Society of Civil Engineers and SNAME • Oct. 21, 1999 • Arlington, VA • Tom Coe, Tel.: (703) 412-0940, Web site: <http://navalengineers.org/cee/cee.html>

BASIC SAFETY TRAINING

Sponsored by Resolve Fire & Hazard Response, Inc. • Oct. 25-29; Nov. 15-19; Dec. 6-10, 1999; 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

MARINE FIREFIGHTING SYMPOSIUM**

Sponsored by PWS Regional Citizens' Advisory Council • October 18-22, 1999 • Valdez, Alaska • Rica Salvador, Tel.: (907) 834-5010, Fax: (907) 835-5926

BRIDGE RESOURCE MANAGEMENT

Sponsored by Maritime Institute of Technology and Graduate Studies • Oct. 25-29, Nov. 1-5; 8-12; 15-19; Nov. 29-Dec. 3; Dec. 6-10; 13-17, 1999 • 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

MARITIME AUDITOR/LEAD AUDITOR TRAINING

Sponsored by ABS Group Inc., Training and Consulting Division • Oct. 25-29, 1999 • Houston, TX • ABS Group Inc., Training and Consulting Division, 4 Research Place, Suite 200, Rockville, MD 20850, Tel.: (301) 921-2345, Fax: (301) 921-0373, e-mail: bkibler@eagle.org

SHIPHANDLING SIMULATOR COURSE

Sponsored by Maritime Institute of Technology and Graduate Studies • Oct. 25-Nov. 5; Nov. 29-Dec. 10, 1999 • 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

GMDS

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PERSONAL SURVIVAL/SURVIVAL SUIT/SURVIVAL CRAFT MEETS STCW AND MODU REQUIREMENTS

Sponsored by Texas A&M Center for Marine Training and Safety • Nov. 1; 2; 8; 9, 1999 • Galveston, TX • Cherry Young, Tel.: (409) 740-4893, Fax: (409) 744-2890, Web site: <http://teexweb.tamu.edu/cmts>

TANKER OPERATIONS I

Sponsored by ABS Group Inc., Training and Consulting Division • Nov. 1-2, 1999, Oakland, CA; Dec. 6-7, 1999, New Orleans, LA • ABS Group Inc., Training and Consulting Division, 4 Research Place, Suite 200, Rockville, MD 20850, Tel.: (301) 921-2345, Fax: (301) 921-0373, e-mail: bkibler@eagle.org

BRIDGE RESOURCE MANAGEMENT

Sponsored by Pacific Northwest Maritime Institute • Nov. 1-3; Nov. 29-Dec. 3, 1999 • Seattle, WA • Mary Matlock, Tel.: (410) 859-5700, Fax: (410) 859-5181, Gregg Trunnell, (206) 441-2880, (206) 441-2995 Fax, e-mail: pnwradar@mates.org, Web site: www.stcw95.com

OPA-90 QUALIFIED INDIVIDUAL TRAINING PROGRAM

Sponsored by Center for Marine Environmental Protection and Safety • Nov. 1-4; Nov. 15-18, 1999 • 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



COMPUTER OPERATING SYSTEMS

Sponsored by Maritime Institute of Technology and Graduate Studies • Nov. 1–5; Nov. 29–Dec. 3, 1999
• 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

TANKSHIP DANGEROUS LIQUIDS

Sponsored by Training Resources, Ltd. • Nov. 1–5; Nov. 29–Dec. 3; 6–10, San Diego, CA; Aug. 23–27;
Nov. 15–19, Long Beach, CA; Oct. 18–22, Anchorage, AK; Sept. 27– Oct. 1, Portland, OR • Ray Addicott,
Training Resources, Tel.: (510) 704–8978, Fax: (510) 704–8975

RADAR OBSERVER, UNLIMITED

Sponsored by Northeast Maritime Institute • Nov. 1–5; Dec. 6–10, 1999 • Northeast Maritime Institute,
66 Spring St., New Bedford, MA 02740 • Kendall Carpenter, Tel.: (800) 767–4025, Fax: (508) 992–9184,
e-mail: carpentr@northeastmaritime.com

HAZWOPER

Sponsored by TOPS in Emergency Response, Inc. • Nov. 1–5, 1999 • Rahway, NJ/Stanhope, NJ • Philip E.
Solomon, Tel.: (732) 340–0044, Fax: (732) 388–1691, e-mail: response@compuserve.com

INDUSTRIAL FIRE BRIGADE LEADERSHIP (INCIDENT COMMAND SYSTEM)

Sponsored by Lamar University–The Center for Industrial Fire and Hazardous Materials Training • Nov.
1–5; 15–19, 1999 • Beaumont, TX • Lamar University–Industrial Fire Training, P.O. Box 10008, Beau-
mont, TX 77701, Tel.: (409) 832–5881, Fax: (409) 838–7029, e-mail: hubacjc@lub002.lamar.edu

CHEMICAL TANKER SAFETY

Sponsored by Tecslut Eduplus, Inc., Marine Safety and Environmental Protection Training • Nov. 1–5,
1999 • 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

STCW SAFETY MODULES

Sponsored by U.S. Merchant Marine Academy • Nov. 1–5, 1999; Jan. 31–Feb. 4, 2000 • Kings Point, NY •
John Hazlett, Tel.: (516) 773–5164, Fax: (516) 773–5353, e-mail: hazlettj@usmma.com

LAND BASED FIREFIGHTING

Sponsored by Maritime Institute of Technology and Graduate Studies • Nov. 1–11, 1999 • 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

GLOBAL MARITIME DISTRESS & SAFETY SYSTEM (GMDSS)

Sponsored by RTM Star Center • Nov. 1–12; Dec. 6–17, 1999 • 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](http://www.star-center.com)

ABLE SEAMAN/LIFEBOATMAN (PREREQUISITE: STCW BASIC SAFETY TRAINING)

Sponsored by Northeast Maritime Institute • Nov. 1–19, 1999 • Northeast Maritime Institute, 66 Spring
St., New Bedford, MA 02740 • Kendall Carpenter, Tel.: (800) 767–4025, Fax: (508) 992–9184, e-
mail: carpentr@northeastmaritime.com

BASIC SAFETY TRAINING—BASIC FIRE FIGHTING AND FIRE PROTECTION

Sponsored by RTM Star Center • Nov. 2; Dec. 7, 1999 • 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

INTERNAL AUDITOR TRAINING FOR THE ISM CODE AND ISO 9000

Sponsored by ABS Group Inc., Training and Consulting Division • Nov. 2–4, 1999 • New Orleans, LA •
ABS Group Inc., Training and Consulting Division, 4 Research Place, Suite 200, Rockville, MD 20850, Tel.:
(301) 921–2345, Fax: (301) 921–0373, e-mail: bkibler@eagle.org



Calendar of Events

MEDICAL EMERGENCIES AT SEA

Sponsored by NPFVOA Vessel Safety Program • Nov. 3; Dec. 8, 1999 • Fisherman's Terminal, Seattle, WA • Kasi VerBruggen, Tel.: (206) 285-3383, Fax: (206) 286-9332, e-mail: npfvoa@halcyon.com, Web site: www.halcyon.com/npfvoa

TANKER OPERATIONS II

Sponsored by ABS Group Inc., Training and Consulting Division • Nov. 3-5, 1999, Oakland, CA; Dec. 8-10, 1999, New Orleans, LA • ABS Group Inc., Training and Consulting Division, 4 Research Place, Suite 200, Rockville, MD 20850, Tel.: (301) 921-2345, Fax: (301) 921-0373, e-mail: bkibler@eagle.org

BASIC SAFETY TRAINING—PERSONAL SURVIVAL TECHNIQUES REFRESHER

Sponsored by RTM Star Center • Nov. 4; Dec. 9, 1999 • 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

FIRE PREVENTION AND CONTROL

Sponsored by NPFVOA Vessel Safety Program • Nov. 4; Dec. 7, 1999 • Fisherman's Terminal, Seattle, WA • Kasi VerBruggen, Tel.: (206) 285-3383, Fax: (206) 286-9332, e-mail: npfvoa@halcyon.com, Web site: www.halcyon.com/npfvoa

HAZMAT TRANSPORTATION

Sponsored by Texas A&M University Corpus Christi National Spill Control School • Nov. 5, 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

SAFETY EQUIPMENT & SURVIVAL PROCEDURES

Sponsored by NPFVOA Vessel Safety Program • Nov. 6; Dec. 4, 1999 • Fisherman's Terminal, Seattle, WA • Kasi VerBruggen, Tel.: (206) 285-3383, Fax: (206) 286-9332, e-mail: npfvoa@halcyon.com, Web site: www.halcyon.com/npfvoa

OSHA HAZWOPER

Sponsored by Massachusetts Maritime Academy, Center for Marine Environmental Protection and Safety • Nov. 8, 1999; Jan. 10; March 6; April 3; May 22, 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

NAVIGATION: COLLISION AVOIDANCE

Sponsored by NPFVOA Vessel Safety Program • Nov. 8; Dec. 3, 1999 • Fisherman's Terminal, Seattle, WA • Kasi VerBruggen, Tel.: (206) 285-3383, Fax: (206) 286-9332, e-mail: npfvoa@halcyon.com, Web site: www.halcyon.com/npfvoa

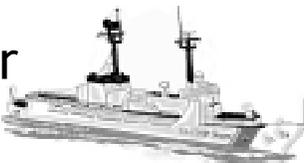
CLEAN GULF 99': 9TH ANNUAL CONFERENCE & EXHIBITION ON OIL AND HAZ-MAT SPILL PREVENTION, RESPONSE AND TECHNOLOGY IN THE GULF COAST REGION**

Nov. 8-10, 1999 • Galveston, TX • Tel.: (713) 463-5930, e-mail: registration@summitreg.com

AUTOMATIC RADAR PLOTTING AIDS (ARPA)

Sponsored by Maritime Institute of Technology and Graduate Studies • Nov. 8-12; Nov. 29-Dec. 3, 1999 • 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



ORIGINAL RADAR

Sponsored by Pacific Northwest Maritime Institute • Nov. 8-12; 22-26, 1999 • Seattle, WA • Gregg Trunnell, Tel.: (206) 441-2880, (206) 441-2995 Fax, e-mail: pnwradar@mates.org, Web site: www.stcw95.com

BASIC/ADVANCED SHIPBOARD FIRE FIGHTING

Sponsored by Resolve Fire & Hazard Response, Inc. • Nov. 8-12; Dec. 13-17, 1999 • 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

TANKSHIP/BARGE DANGEROUS LIQUID CARGO

Sponsored by U.S. Merchant Marine Academy • Nov. 8-12, 1999; Jan. 24-28, 2000 • Kings Point, NY • John Hazlett, Tel.: (516) 773-5164, Fax: (516) 773-5353, e-mail: hazlettj@usmma.com

TEXAS A&M FRESHWATER/INLAND OIL SPILL CONTROL COURSE

Sponsored by Texas A&M Center for Marine Training and Safety • Nov. 8-12, 1999 • Galveston, TX • Cherry Young, Tel.: (409) 740-4893, Fax: (409) 744-2890, Web site: <http://teexweb.tamu.edu/cmts>

OSHA HAZWOPER

Sponsored by Massachusetts Maritime Academy, Center for Marine Environmental Protection and Safety • Nov. 1-5, 1999; Jan. 10-14; March 6-10; April 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

ELECTRICAL CERTIFICATION

Sponsored by American Boat and Yacht Council • Nov. 8-13, 1999 • New England Tech • ABYC, 3069 Solomons Island Road, Edgewater, MD 21037, Tel.: (410) 956-1050, Fax: (410) 956-2737, e-mail: bmichaels@abycinc.org

MEDICAL PERSON IN CHARGE

Sponsored by Maritime Institute of Technology and Graduate Studies • Nov. 8-19, 1999 • 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

GMDSS

Sponsored by Training Resources, Ltd. and Mercomms Unlimited • Nov. 8-19; Dec. 6-17, 1999 • San Diego, CA • Ray Addicott, Training Resources, Tel.: (510) 704-8978, Fax: (510) 704-8975

GMDSS

Sponsored by Pacific Northwest Maritime Institute • Nov. 8-19; Dec. 6-17, 1999 • Seattle, WA • Gregg Trunnell, Tel.: (206) 441-2880, Fax: (206) 441-2995, e-mail: pnwradar@mates.org, Web site: www.stcw95.com

ARPA & RADAR RECERTIFICATION

Sponsored by RTM Star Center • Nov. 9-12; Dec. 13-17, 1999; Jan. 10-14, 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

HAZWOPER REFRESHER

Sponsored by Miller Environmental Group • Nov. 10; Dec. 15, 1999 • 588 Edwards Avenue, Calverton, NY 11933 • George Wallace III, Tel.: (516) 727-2662, Fax: (516) 727-2776, e-mail: gwallace@nrcxchange.nrc.com



Calendar of Events

FISHING VESSEL STABILITY & DAMAGE CONTROL

Sponsored by NPFVOA Vessel Safety Program • Nov. 12; Dec. 10, 1999 • Fisherman's Terminal, Seattle, WA • Kasi VerBruggen, Tel.: (206) 285-3383, Fax: (206) 286-9332, e-mail: npfvoa@halcyon.com, Web site: www.halcyon.com/npfvoa

GASTRADE 99**

Organized by Turret RAI with the cooperation and sponsorship of the ADNOC Group of Companies • Nov. 14-16, 1999 • Abu Dhabi, United Arab Emirates • GasTrade 99 Secretariat, Turret RAI plc, Armstrong House, 38 Market Square, Uxbridge, Middlesex UB8 1TG, United Kingdom, e-mail: a.crisp@turret-rai.co.uk

FERRIES '99**

Sponsored by Marine Log • Nov. 14-16, 1999 • Fort Lauderdale, FL • Jane Poterala, Director, Tel.: (212) 620-7209; Stacey O'Connor, Tel.: (212) 620-7208, Fax: (212) 633-1165

TANKSHIP PIC DL

Sponsored by Texas A&M Center for Marine Training and Safety • Nov. 15-19, 1999 • Galveston, TX • Cherry Young, Tel.: (409) 740-4893, Fax: (409) 744-2890, Web site: <http://teexweb.tamu.edu/cmts>

OIL SPILL MANAGEMENT

Sponsored by Texas A&M University Corpus Christi National Spill Control School • Nov. 15-19, 1999 • Texas A&M University Corpus Christi • Tel.: (512) 980-3333, Fax: (512) 980-3337, e-mail: nscs@tamucc.edu, Web site: www.sci.tamucc.edu/nscs

OPA-90 QUALIFIED INDIVIDUAL TRAINING PROGRAM

Sponsored by Massachusetts Maritime Academy, Center for Marine Environmental Protection and Safety • Nov. 15-19, 1999; March 13-17; April 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

ADVANCED FIRE FIGHTING

Sponsored by Maritime Institute of Technology and Graduate Studies • Nov. 15-19; Dec. 6-10, 1999 • 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 BASIC SAFETY TRAINING

Sponsored by Maritime Institute of Technology and Graduate Studies • Nov. 15-19; Nov. 29-Dec. 3; Dec. 13-17, 1999 • 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

AUTOMATIC RADAR PLOTTING AIDS (ARPA)

Sponsored by Pacific Northwest Maritime Institute • Nov. 15-19; Dec. 6-10; 13-17, 1999 • Seattle, WA • Gregg Trunnell, Tel.: (206) 441-2880, Fax: (206) 441-2995, e-mail: pnwradar@mates.org, Web site: www.stcw95.com

PETROLEUM TANKER SAFETY

Sponsored by TecSult Eduplus, Inc., Marine Safety and Environmental Protection Training • Nov. 15-19, 1999 • 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

SAFE CARGO HANDLING

Sponsored by NPFVOA Vessel Safety Program • Nov. 16; Dec. 14, 1999 • Fisherman's Terminal, Seattle, WA • Kasi VerBruggen, Tel.: (206) 285-3383, Fax: (206) 286-9332, e-mail: npfvoa@halcyon.com, Web site: www.halcyon.com/npfvoa

Calendar of Events



BRIDGE RESOURCE MANAGEMENT

Sponsored by RTM Star Center • Nov. 16–18; Dec. 7–9, 1999 • 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

TRAWL DECK SAFETY

Sponsored by NPFVOA Vessel Safety Program • Nov. 17; Dec. 15, 1999 • Fisherman's Terminal, Seattle, WA • Kasi VerBruggen, Tel.: (206) 285–3383, Fax: (206) 286–9332, e-mail: npfvoa@halcyon.com, Web site: www.halcyon.com/npfvoa

OPA-90 QUALIFIED INDIVIDUAL ANNUAL REFRESHER

Sponsored by Massachusetts Maritime Academy, Center for Marine Environmental Protection and Safety • Nov. 18–19, 1999; March 16–17; April 13–14; May 18–19, 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

1999 NATIONAL DREDGING CONFERENCE**

Sponsored by The Maritime Association of the Port of New York/New Jersey • Nov. 18–19, 1999 • New York, NY • Web site: www.nymaritime.org

OPA-90 QUALIFIED INDIVIDUAL ANNUAL REFRESHER

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

HAZMAT REFRESHER

Sponsored by Miller Environmental Group • Nov. 19, 1999 • 588 Edwards Avenue, Calverton, NY 11933 • Tel.: (516) 727–2662, Fax: (516) 727–2776, e-mail: gwallace@nrcxchange.nrcc.com

OILED WILDLIFE REHABILITATION

Sponsored by Texas A&M University Corpus Christi National Spill Control School • Nov. 19–20, 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

CRUDE OIL WASHING AND INERT GAS SYSTEMS

Sponsored by Tecslut Eduplus, Inc., Marine Safety and Environmental Protection Training • Nov. 22–25, 1999 • 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

TANKERMAN FAMILIARIZATION—DANGEROUS LIQUIDS

Sponsored by Northeast Maritime Institute • Nov. 22–25, 1999 • Northeast Maritime Institute, 66 Spring St., New Bedford, MA 02740 • Kendall Carpenter, Tel.: (800) 767–4025, Fax: (508) 992–9184, e-mail: carpentr@northeastmaritime.com

GMDSS

Sponsored by Tecslut Eduplus, Inc., Marine Safety and Environmental Protection Training • Nov. 22–Dec. 3; Dec. 6–17, 1999 • 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

HYDRODYNAMICS OF HIGH SPEED CRAFT**

Sponsored by The Royal Institution of Naval Architects • Nov. 24–25, 1999 • London, England • e-mail: nbrotherton@rina.org.uk, Web site: www.rina.org.uk

MARICHEM 99 EXHIBITION**

Sponsored by Turret RAI • Nov. 28–Dec. 1, 1999 • Amsterdam, The Netherlands • www.marichem.com



Calendar of Events

STCW BASIC SAFETY TRAINING

Sponsored by Northeast Maritime Institute • Nov. 28–Dec. 4, 1999 • Northeast Maritime Institute, 66 Spring St., New Bedford, MA 02740 • Kendall Carpenter, Tel.: (800) 767-4025, Fax: (508) 992-9184, e-mail: carpentr@northeastmaritime.com

FAST RESCUE BOAT PROFICIENCY COURSE

Sponsored by RTM Star Center • Nov. 29–Dec. 3, 1999 • 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

TANKERMAN PIC

Sponsored by RTM Star Center • Nov. 29–Dec. 3, 1999 • 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

MEDICAL FIRST AID

Sponsored by Maritime Institute of Technology and Graduate Studies • Nov. 29–Dec. 3; Dec. 13–17, 1999 • 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

PRACTICAL RESPONSE TO OIL SPILLS: A “REAL WORLD” MANAGEMENT APPROACH

Sponsored by Miller Environmental Group • Nov. 30–Dec. 2, 1999 • 588 Edwards Avenue, Calverton, NY 11933 • George Wallace III, Tel.: (516) 727-2662, Fax: (516) 727-2776, e-mail: gwallace@nrcxchange.nrc.com

24 HOUR OSHA/RCRA SAFETY

Sponsored by Texas A&M University Corpus Christi National Spill Control School • Nov. 30–Dec. 2, 1999 • Texas A&M University Corpus Christi • Tel.: (512) 980-3333, Fax: (512) 980-3337, e-mail: nscs@tamucc.edu, Web site: www.sci.tamucc.edu/nscs

HAZARDOUS MATERIALS TRAINING (TRANSPORTATION BY VESSEL)

Sponsored by National Cargo Bureau, Inc. • Call each location for dates: Charleston, SC, (843) 884-1884; Honolulu, HI, (808) 836-7799; Houston, TX, (713) 451-4303; New York, NY, (212) 571-5000; New Orleans, LA, (504) 837-1647; San Francisco, CA, (510) 635-4298; Seattle, WA, (206) 285-5250

UNITED STATES MARINE SAFETY ASSOCIATION

Sponsored by USMSA • Dec. 1–3, 1999 • New Orleans, LA • Tel.: (215) 564-3484, Fax: (215) 564-2175, e-mail: usmsa@fernley.com

BRIDGE RESOURCE MANAGEMENT FOR PILOTS II

Sponsored by Maritime Institute of Technology and Graduate Studies • Dec. 6–7, 1999; 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

TRAIN THE TRAINER

Sponsored by RTM Star Center • Dec. 6–10, 1999; 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

RADAR OBSERVER RENEWAL, RIVERS, INLAND, AND UNLIMITED ORIGINAL COURSES

Sponsored by Maritime Institute of Technology and Graduate Studies • Dec. 6–10, 1999 • 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

MARINE ELECTRICAL BASICS BOOTCAMP

Sponsored by ABS Group Inc., Training and Consulting Division • Dec. 6–10, 1999 • Norfolk, VA • ABS Group Inc., Training and Consulting Division, 4 Research Place, Suite 200, Rockville, MD 20850, Tel.: (301) 921-2345, Fax: (301) 921-0373, e-mail: bkibler@eagle.org

Calendar of Events



GMDSS

Sponsored by U.S. Merchant Marine Academy • Dec. 6–17, 1999 • Kings Point, NY • John Hazlett, Tel.: (516) 773–5164, Fax: (516) 773–5353, e-mail: hazlettj@usmma.com

SHIPBUILDING DECISIONS

Sponsored by Marine Log • Dec. 7–8, 1999 • Washington, DC • Jane Poterala, Director, Tel.: (212) 620–7209, Stacey O'Connor, Tel.: (212) 620–7208, Fax: (212) 633–1165

FAST RESCUE BOAT IMO STCW

Sponsored by Texas A&M Center for Marine Training and Safety • Dec. 8–10, 1999 • Galveston, TX • Cherry Young, Tel.: (409) 740–4893, Fax: (409) 744–2890, Web site: <http://teexweb.tamu.edu/cmts>

BRIDGE RESOURCE MANAGEMENT FOR PILOTS I

Sponsored by Maritime Institute of Technology and Graduate Studies • Dec. 9–10, 1999 • MITAGS Campus, Linthicum Heights, MD • Mike Wein, Tel.: (410) 859–5700, Fax: (410) 859–5181, e-mail: admissions@mitags.org, Web site: www.mitags.org

INTRODUCTION TO GIS-ARCVIEW

Sponsored by Texas A&M University Corpus Christi National Spill Control School • Dec. 13–14, 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

BASIC AND ADVANCED FIREFIGHTING

Sponsored by Northeast Maritime Institute • Dec. 13–17, 1999 • Northeast Maritime Institute, 66 Spring St., New Bedford, MA 02740 • Kendall Carpenter, Tel.: (800) 767–4025, Fax: (508) 992–9184, e-mail: carpentr@northeastmaritime.com

DAMAGE CONTROL

Sponsored by Northeast Maritime Institute • Dec. 13–17, 1999 • Northeast Maritime Institute, 66 Spring St., New Bedford, MA 02740 • Kendall Carpenter, Tel.: (800) 767–4025, Fax: (508) 992–9184, e-mail: carpentr@northeastmaritime.com

FLASHING LIGHT

Sponsored by Maritime Institute of Technology and Graduate Studies • Dec. 15, 1999 • 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

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

SHIPBOARD MEDICAL CARE

Sponsored by Maritime Institute of Technology and Graduate Studies • Jan. 3–30, 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

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

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

15TH INTERNATIONAL HAZARDOUS MATERIALS SPILLS CONFERENCE**

April 4-6, 2000 · St. Louis, Missouri · e-mail tray@glc.org, Web site: www.nrtf.org/nrtf/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

SHIP STRUCTURES FOR THE NEW MILLENIUM**

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

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:

<http://www.uscg.mil/hq/g-m/gmhome.htm>.

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