

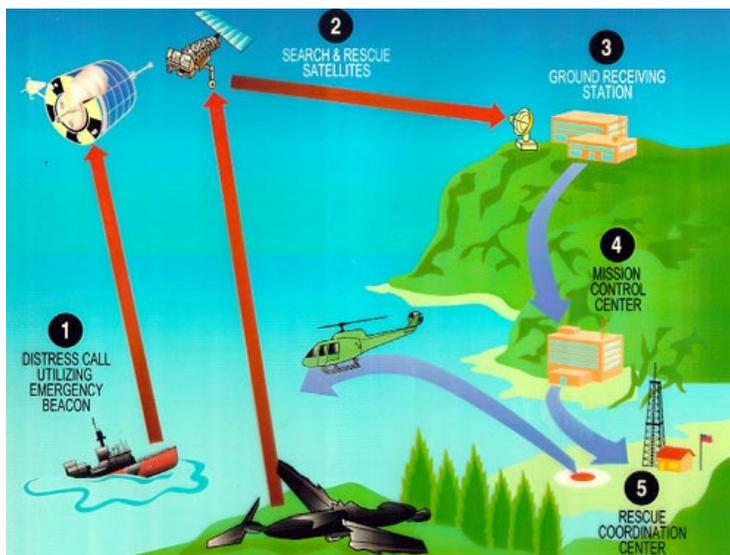
Marine Safety Newsletter

US Coast Guard Marine Safety and Environmental Protection Directorate

121.5 EPIRB—Soon To Be a Thing of the Past

Mariners, aviators and other users of beacons that send distress alerts on 121.5 and 243 MHz will eventually have to switch to emergency beacons operating at 406 MHz in order to be detected by satellites. This action is a result of a decision by the International Cospas-Sarsat Program to terminate satellite processing of distress signals from 121.5 and 243 MHz emergency beacons.

The Cospas-Sarsat Program has not yet set an effective date for this action; however, there will be sufficient notice to mariners and others now using 121.5 and 243 MHz beacons to prevent a crisis. One of the major factors in influencing the decision to stop the satellite processing is that 121.5 MHz false alerts inundate search and rescue authorities. False alerts adversely impact the effectiveness of lifesaving services. While the 406 MHz beacons cost more, they provide search and rescue agencies with the more reliable and complete information they need to do their job more efficiently and effectively.



Another major factor was guidance from the International Maritime Organization (IMO) and the International Civil Aviation Organization (ICAO), the United Nations agencies

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The *Marine Safety Newsletter* is published by the USCG Marine Safety and Environmental Protection Directorate to collect and disseminate information of general interest to the maritime community. The monthly newsletter prints abstracts of major USCG rulemakings, studies, special projects, and related events. Articles from non-Coast Guard sources may not represent USCG policy or views.

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that are responsible for regulating the safety of ships and aircraft.

The International Cospas-Sarsat Program uses a satellite constellation that relays distress alerts to search and rescue authorities through a worldwide ground communications network (see figure on previous page). The appropriate search and rescue agencies then respond to provide assistance. The beacons used include emergency position-indicating radio beacons (EPIRBs) carried onboard vessels. The National Oceanic and Atmospheric Administration (NOAA) along with the U.S. Coast Guard, U.S. Air Force, and the National Aeronautics and Space Administration (NASA) are responsible for implementing the Cospas-Sarsat Program at the national level. The Coast Guard is the lead agency for coordinating national search and rescue policy and is responsible for providing search and rescue services on, under, and over assigned international waters and waters subject to United States jurisdiction.

Safety Zones, Security Zones, and Special Local Regulations

District Commanders and Captains of the Port (COTP) must be immediately responsive to the safety needs of the waters within their jurisdiction; therefore, District Commanders and COTPs have been delegated the authority to issue certain local regulations. Safety zones may be established for safety or environmental purposes. A safety zone may be stationary and described by fixed limits or it may be described as a zone around a vessel in motion, ports, or waterfront facilities to prevent injury or damage. Special local regulations are issued to enhance the safety of participants and spectators at regattas and other marine events.

Timely publication of these regulations in the Federal Register is often precluded when a regulation responds to an emergency, or when an event occurs without sufficient advance notice. The Coast Guard periodically publishes a list of these temporary special local regulations, security zones, and safety zones in the Federal Register (see Federal Register / Vol. 64, No. 249). A more timely notification of these regulations affecting the public occurs through Local Notices to Mariners, press releases, Coast Guard patrol vessels enforcing the restrictions, and other means.

Making the Outer Continental Shelf a Safer Place to Work

The Coast Guard is in the process of revising its regulations on Outer Continental Shelf (OCS) activities. This revision is needed to improve the level of safety in the workplace for personnel engaged in OCS activities.

The Coast Guard is the lead Federal agency for workplace safety and health, other than for matters generally related to drilling and production that are related to Minerals Management Service (MMS), on facilities and vessels engaged in the exploration for, or development or production of, minerals on the OCS.

The last major revision of the OCS regulations occurred in 1982. In 1982, the offshore industry was not as high tech as today's operations. Offshore activities were in relatively shallow water near land, where help was readily available during emergency situations. The equipment regulations required only basic equipment, primarily for lifesaving appliances and hand-held portable fire extinguishers. Since 1982, the requirements have not kept pace with the changing offshore technology or the safety problems they create as OCS activities extend to deeper water and move farther offshore. This proposed rule is intended to revisit all of the current OCS regulations to take advantage of past experiences and new improvements to make the OCS a safer workplace.

Towing Safety Advisory Spring 2000 Meeting

The spring meeting of the Towing Safety Advisory Committee (TSAC) will be held on Wednesday, March 15 and Thursday, March 16 in Room 2415 at Coast Guard Headquarters, 2100 Second St. SW, Washington, DC. Meetings of TSAC working groups will be held the first day from 9 a.m. to 3:30 p.m., and a general public meeting will be held from 8:00 a.m. to 12:30 p.m. the second day. These meetings may close early if all business is finished. Members of the public are invited to attend and participate in both meetings.

For more information, contact Mr. Gerald Miente, Assistant Executive Director, TSAC, at Tel.: (202) 267-0229, Fax: (202) 267-4570, or e-mail: gmiante@comdt.uscg.mil.



ISM Code “Phase 2”— Don’t Wait Until the Last Minute!

Many of us have realized as we get older, that time seems to race by like a high-speed freight train. Although certain types of vessels are not required to be in compliance with the International Safety Management (ISM) Code until July 1, 2002, before you know it, that time will be here—and gone! If you are a Phase 2 operator and haven’t already started preparing your documented safety management systems (SMSs) for your ships and companies, you really need to make that one of your New Year’s resolutions!

Experienced operators suggest that around two years is needed to implement ISM fully. Moreover, the SMS must run smoothly for at least three months before it can be subjected to external audit, and there is the possibility of administrative delay unless Phase 2 operators apply for ISM Certification well in advance of the July 2002 deadline. Phase 2 vessel types are mobile offshore drilling units (MODUs) and cargo ships other than those requiring certification under Phase I.

HAZMAT 2000 Spills Prevention Conference

The U.S. Coast Guard, in conjunction with four federal and numerous state and local agencies, will co-sponsor the HAZMAT 2000 Spills Prevention Conference in St. Louis, Missouri. The conference is scheduled for April 4–6, 2000 and will be held at the Regal Riverfront Hotel. This year’s theme is “Gateway to the Future: Working Together.” Some topics include: HAZMAT/HAZSUB Response Plan Development, Operational Risk Assessment during a HAZMAT Response, On-Scene Command and Control (OSC-Squared) Prototype, the Chemical Hazards Response Information System (CHRIS), and various exhibit hall demonstrations/ presentations. The conference will provide the perfect opportunity to network and learn about the newest HAZMAT technologies. For more information and to register, please visit the website at: www.nrt.org/hazmat2000 or call (734) 665-4370. To reserve exhibit space, contact Kristina Schuchman, St. Louis Metropolitan Manufacturers Association, at (314) 966-1006 or e-mail at: Hazmat2000exinfo@yahoo.com.

WWW.



What’s New on the
World Wide Web

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

The National Maritime Center
www.uscg.mil/hq/g-m/nmc/web/index.htm

These are the courses approved by the USCG as of the beginning of every month. Courses are listed alphabetically by school and then by course.
www.uscg.mil/hq/g-m/marpers/examques/achome.htm

National Maritime Center Policy Letter 9-99 – Medical Training And Qualifications Set Forth In The International Convention On Standards Of Training, Certification And Watchkeeping For Seafarers, 1978, As Amended (STCW)
www.uscg.mil/hq/g-m/marpers/pag/9-99.pdf

National Maritime Center Policy Letter 10-99 – Fire Fighting Turnout gear for live Fire Training
www.uscg.mil/hq/g-m/marpers/pag/10-99.pdf

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If you said ‘Yes’ to one or both of these questions, you can save the government an unnecessary expense and help in the effort to cut down on paper waste. Let us know if we should remove you from the mailing list. All you have to do is send us an e-mail message to:

*mbreton@ballston.uscg.mil,
or
ehardin@ballston.uscg.mil*

requesting to be deleted from the mailing list. You will then be added to an e-mail list to notify you when the latest issue of the newsletter is posted to the webpage.

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



IMO Assembly Holds 21st Session

The Assembly of the International Maritime Organization held its 21st session at its London headquarters from 15–26 November, 1999.

The Assembly elected a new Council for the next biennium and adopted a number of technical resolutions relating to the work of the Organization.

The Assembly normally meets once every two years. All 157 Member States and two Associate Members are entitled to attend as are the inter-governmental organizations with which agreements on co-operation have been concluded and non-governmental organizations which have consultative status with IMO.

The Assembly was attended by a total 817 delegates. These included representatives of 138 Member States and two Associate Members; and observers from eight intergovernmental organizations and 36 non-governmental organizations.

The Assembly approved the work program for the next biennium and long term objectives for the 2000s, which are identified as follows:

- taking measures to implement the proactive policy agreed to in the 1990s more actively than in the past, so that trends which might adversely affect the safety of ships and those on board and/or the environment may be identified at the earliest feasible stage and action may be taken to avoid or mitigate such effects. In implementing this directive, Formal Safety Assessment should be used to the extent possible in any rule-making process;
- shifting emphasis onto people;
- ensuring the effective uniform implementation of existing IMO standards and regulations;
- developing a safety culture and environmental conscience;
- avoiding excessive regulation;
- strengthening the Organization's technical co-operation programs; and
- promoting the intensification by Governments and industry of efforts to prevent and suppress unlawful acts which threaten the security of ships, the safety of those on board and the environment (in particular, terrorism at sea, piracy and armed robbery against ships, illicit drug trafficking, illegal migration by sea and stowaway cases).

Prevention of Marine Pollution Subcommittee February Meeting Planned

The Subcommittee for the Prevention of Marine Pollution (SPMP), a subcommittee of the Shipping Coordinating Committee, will conduct an open meeting on Tuesday, February 29, 2000, at 9:30 a.m. in Room 2415, U.S. Coast Guard Headquarters, 2100 Second St., SW, Washington, DC.

The purpose of this meeting will be to review the agenda items to be considered at the 44th session of the Marine Environment Protection Committee (MEPC 44) and the agenda items of the Conference on International Co-operation on Preparedness and Response to Pollution Incidents by Hazardous and Noxious Substances (the Conference) of the International Maritime Organization (IMO). MEPC 44 and the Conference will be held in conjunction with each other from March 6 – 15, 2000. Proposed U.S. positions on the agenda items for MEPC 44 and the Conference will be discussed.

The major items for discussion for MEPC 44 will begin at 9:30 AM and include the following:

- a. Harmful effects of the use of anti-fouling paints for ships;
- b. Harmful aquatic organisms in ballast water;
- c. Inadequacy of reception facilities;
- d. Consideration and adoption of amendments to mandatory instruments;
- e. Identification and protection of Special Areas and Particularly Sensitive Sea Areas;
- f. Prevention of air pollution from ships;
- g. Interpretation and amendments of MARPOL 73/78 and related Codes;
- h. Promotion of implementation and enforcement of MARPOL 73/78 and related Codes; and
- i. Recycling of ships.

At the conclusion of the MEPC 44 discussion, the major item for the Conference, "Consideration and Adoption of the Protocol on Preparedness, Response and Co-operation to Pollution Incidents by Hazardous and Noxious Substances, 2000," will be discussed.

This meeting is open to the public up to the seating capacity of the room. For further information, contact LCDR John Meehan, U.S. Coast Guard Headquarters (G-MSO-4), 2100 Second St., SW, Washington, DC 20593-0001; Tel.: (202) 267-2714.

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.

Applying Risk in the Commercial Fishing Vessel Industry



Everyone realizes that commercial fishing is a hazardous way to make a living, but it can also be very rewarding. The key to enjoying the successes of this business is to manage the risks associated with it. This involves Coast Guard examiners and fishermen collectively addressing the many risks and working together to decrease them. The perception of risk varies greatly and we the Coast Guard need to recognize that. Fishermen make risk-based decisions every day. Though this month's article is aimed at commercial fishing vessel examiners, everyone can find something useful in this discussion on risk.

Risk Assessment

The first step to addressing risk is to assess it. Everyone can do this. The simplest way is for the fisherman to ask himself a series of questions when he's making a decision. It's important for him to recognize the variables in each situation. A common argument might be that "I did it this way last time and everything was fine." However, rarely does a situation occur exactly as it did the first time. Common differences can involve weather conditions, knowledge of the crew (especially when there are different people on board), and weight of the cargo. A few quick questions to ask before making a decision include the following:

"What's changed since the last time I did

this?"

"What's different?"

"What can go wrong (weather, shifting cargo, fire, etc)?"

"How likely is that?"

"What are the consequences of that going wrong?"

"Am I ready to deal with that?"

We need to get fishermen to recognize how their decisions can increase or decrease the level of risk. Once they start to look at how their decisions affect their risk, then they are ready to do something to lessen that risk.

Risk Mitigation

Every accident can be laid out as a chain of discrete events. This is known as a Causal Chain. The basic links in the causal chain are:

Cause ? Incident ? Accident ? Consequence ? Impact ?

Let's look at a simple example of a typical type of fishing accident:

Cause - fisherman has insufficient appreciation of the effects of overloading
 Incident - vessel overloading (human error)
 Accident - vessel stability problem and capsizing
 Consequence - crew ends up in the water
 Impact - deaths

Prevention Through People **PTP**

Breaking the Chain

To prevent the Impact in the chain from occurring, we need to break the chain. To do this, actions can be taken before any event or link in the causal chain.

To prevent the Cause in our example, training provides the necessary skills. Knowledge about better risk-based decisions might avoid overloading to prevent the Incident.

Once the vessel is overloaded (the Incident), smart ship handling might prevent capsizing, which keeps the Accident from occurring.

If the Accident occurs, training and drills for abandoning ship and getting people into liferafts can prevent people from going into the water (the Consequence).

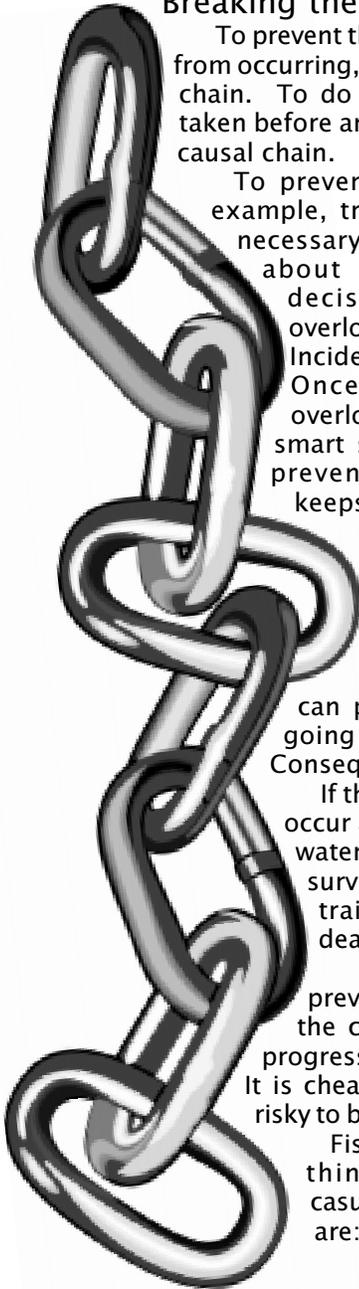
If the Consequence does occur and people are in the water, then EPIRBs, use of survival gear, and survival training might prevent deaths (the Impact).

As you can see, preventing each event in the causal chain requires progressively greater action. It is cheaper, easier, and less risky to break the chain earlier!

Fishermen can do many things to prevent casualties. Some of these are:

- Participate in dockside exams — learn where vessel safety can be improved
- Maintain the vessel — hull, machinery and equipment
- Learn about the vessel's loading and stability limitations
 - Vessel center of gravity vs. weight
 - Topside icing
 - Deck cargo
- Keep better track of the weather — and avoid dangerous conditions
- Address fatigue among the crew and account for it
- Be prepared for medical emergencies
- Talk to other fishermen about lessons learned and near misses
- Take advantage of training opportunities
- Remove fire hazards, especially those that might only become hazards in heavy seas

A significant increase in safety can be gained by showing fishermen the benefits of viewing decisions from a risk perspective and consciously acting to reduce this risk. No regulation will eliminate risk or prevent conscious decisions from being made that increase these dangers. Therefore, we need to show fishermen how they can easily reduce risks through some simple actions and operate safely. It will benefit all of us.



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 1998-3472 Rules of Practice, Procedure, and Evidence for Administrative Proceedings of the Coast Guard

The Coast Guard is revising the rules for Practice, Procedure, and Evidence for Administrative Proceedings. The revision consolidates all Coast Guard adjudicative procedures for the suspension and revocation (S&R) or merchant Mariners' licenses, certificates of registry, and documents and for class II civil penalties. The rule will eliminate unnecessary procedures from S&R proceedings and will use Coast Guard's adjudicative resources more efficiently.

STATUS: Interim rule and request for comments published on May 24, 1999 (64 FR 28054). Notice to reopen the comment period published on October 5, 1999 (64 FR 53970). Comment period closes on April 3, 2000.

CONTACT: George J. Jordan, Tel.: (202) 267-0006, Fax: (202) 267-4753, e-mail: gjordan@comdt.uscg.mil



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, Fax: (202) 267-4570, e-mail: dkalina@comdt.uscg.mil

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 1998-3868 Outer Continental Shelf Activities

The Coast Guard proposes a major revision of its regulations on Outer Continental Shelf (OCS) Activities. A revision is needed to address new developments in the offshore industry, to fully address existing legislation, to fully address existing legislation, to effectively implement interagency agreements, to respond to comments received from the advanced notice of proposed rulemaking, and to address casualty investigation findings. The revised regulation will effectively implement existing legislation and interagency agreements. This rulemaking improves the level of safety in the workplace for personnel engaged in OCS activities.

STATUS: NPRM published on December 7, 1999 (64 FR 68416). Comment period closes on April 5, 2000.

CONTACT: Mr. James M. Magill, Tel.: (202) 267-1082, Fax: (202) 267-4570, e-mail: jmagill@comdt.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

G-M Regulatory Projects



**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

**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, 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 published October 19, 1999 (64 FR 56257). Comment period closes December 20, 1999. 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



G-M Regulatory Projects

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. Final rule being drafted.

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

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: LCDR D. Darcy, Tel.: (202) 267-6220 or 1220, Fax: (202) 267-4547, e-mail: ddarcy@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.

G-M Regulatory Projects



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

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.

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.

USCG 1999-5151 Update of Stan- dards from the American Society for Testing and Materials (ASTM)

The Coast Guard amends Titles 33 and 46, Code of Federal Regulations, to render current the standards incorporated by reference from the American Society for Testing and Materials (ASTM). Some of the standards incorporated were over 30 years out of date. This rule incorporates the most recent editions of the standards to ensure the use of the latest technology by regulated industry.

STATUS: DFR published on December 1, 1999 (64 FR 67170). Comment period closes on January 31, 2000. Effective date is February 29, 2000.

CONTACT: Ms. Janet Walton, Tel.: (202) 267-0257, Fax: (202) 267-4547, e-mail: jwalton@comdt.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.



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, 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.

**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),
Phase-out
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.

NFPA Fire Safety Standards



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
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Calendar of Events

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FAST RESCUE BOAT TRAINING

Sponsored by Texas A&M Center for Marine Training and Safety • Jan. 26–28; Feb. 23–25; Mar. 29–31, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4850, Fax: (409) 744–2890, e-mail: Marine.Training@teexmail.tamu.edu, Web site: <http://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



OIL SPILL CONTROL COURSE, COASTAL

Sponsored by Texas A&M Center for Marine Training and Safety • Jan. 31–Feb. 4; Mar. 6–10, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4850, Fax: (409) 744–2890, Web site: <http://teexweb.tamu.edu/cmts>

GLOBAL MARITIME DISTRESS & SAFETY SYSTEM (GMDSS)

Sponsored by RTM STAR Center • Jan. 31–Feb. 11; Mar. 6–17; Apr. 3–4; Apr. 24–May 5, 2000 • 2 W. Dixie Highway, Dania Beach, FL • Tel.: (800) 445–4522, Fax: (954) 920–4268, e-mail: e-mail@star-center.com, Web site: www.star-center.com

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

SURVIVAL CRAFT STCW

Sponsored by Texas A&M Center for Marine Training and Safety • Jan. 31–Feb. 3, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4893, Fax: (409) 744–2890, Web site: <http://teexweb.tamu.edu/cmts>

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

SAFE TRANSPORTATION OF HAZARDOUSE MATERIALS

Sponsored by IMS Environmental Services • Feb. 3, 2000 • Chesapeake, VA • Phil Biedenbender/Steve May, Tel.: (757) 436–3000, Fax: (757) 549–0990, e-mail: IMStrain@aol.com

AUTOMATIC RADAR PLOTTING AIDS (ARPA)

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 7–Mar. 3; Mar. 27–31, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4850, Fax: (409) 744–2890, e-mail: Marine.Training@teexmail.tamu.edu, Web site: <http://teexweb.tamu.edu/cmts>

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

COMPUTER OPERATING SYSTEMS

Sponsored by Maritime Institute of Technology and Graduate Studies • Feb. 7–11; Feb. 14–20, 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 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

PERSONAL SAFETY AT SEA, PERSONAL SAFETY AND SOCIAL RESPONSIBILITIES, AND FIRST AID & CPR

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 7–9, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4893, Fax: (409) 744–2890, Web site: <http://teexweb.tamu.edu/cmts>



Calendar of Events

PERSONAL SURVIVAL AT SEA

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 7–8; Mar. 6–7, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4850, Fax: (409) 744–2890, e-mail:

Marine.Training@teexmail.tamu.edu, Web site: <http://teexweb.tamu.edu/cmts>

PETROLEUM TANKER SAFETY

Sponsored by Tecslut Eduplus, Inc., Marine Safety and Environmental Protection Training • Feb. 7–11, 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

SPILL MANAGEMENT COURSE – QUALIFIED INDIVIDUAL

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 7–11; Mar. 13–17, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4850, Fax: (409) 744–2890, e-mail:

Marine.Training@teexmail.tamu.edu, Web site: <http://teexweb.tamu.edu/cmts>

RADAR RE-CERTIFICATION

Sponsored by RTM STAR Center • Feb. 7; Mar. 6; Apr. 3; May 1; May 29, 2000 • 2 W. Dixie Highway, Dania Beach, FL • Tel.: (800) 445–4522, Fax: (954) 920–4268, e-mail: e-mail@star-center.com, Web

site: www.star-center.com

STCW BASIC SAFETY TRAINING

Sponsored by Maritime Institute of Technology and Graduate Studies • Feb. 7–11; Feb. 21–25, 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

TANK BARGE: DANGEROUS LIQUIDS

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 7–10; Mar. 6–9, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4850, Fax: (409) 744–2890, e-mail:

Marine.Training@teexmail.tamu.edu, Web site: <http://teexweb.tamu.edu/cmts>

TANK BARGE PERSON IN CHARGE

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 7–10, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4850, Fax: (409) 744–2890, e-mail: Marine.Training@teexmail.tamu.edu,

Web site: <http://teexweb.tamu.edu/cmts>

AUTOMATIC RADAR & PLOTTING AIDS (ARPA)

Sponsored by RTM STAR Center • Feb. 8–11; Mar. 7–10; Apr. 4–7; May 2–5, 2000 • 2 W. Dixie Highway, Dania Beach, FL • Tel.: (800) 445–4522, Fax: (954) 920–4268, e-mail: e-mail@star-center.com, Web

site: www.star-center.com

PERMIT-REQUIRED CONFINED SPACE 39 CFR 1920.146

Sponsored by IMS Environmental Services • Feb. 8, 2000 • Chesapeake, VA • Phil Biedenbender/Steve May, Tel.: (757) 436–3000, Fax: (757) 549–0990, e-mail: IMStrain@aol.com

PERSONAL SAFETY AND SOCIAL RESPONSIBILITY

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 8; Mar. 7, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4850, Fax: (409) 744–2890, e-mail: Marine.Training@teexmail.tamu.edu,

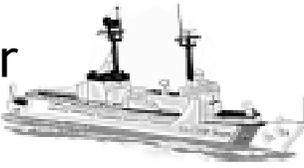
Web site: <http://teexweb.tamu.edu/cmts>

ELEMENTARY FIRST AID

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 9; Mar. 8, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740–4850, Fax: (409) 744–2890, e-mail: Marine.Training@teexmail.tamu.edu,

Web site: <http://teexweb.tamu.edu/cmts>

Calendar of Events



INCIDENT MANAGEMENT SIMULATION EXERCISES

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 10; Mar. 16, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740-4850, Fax: (409) 744-2890, e-mail:

Marine.Training@teexmail.tamu.edu, Web site: <http://teexweb.tamu.edu/cmts>

NATIONAL SAFETY COUNCIL FIRST AID/CPR CERTIFICATION

Sponsored by IMS Environmental Services • Feb. 10-11, 2000 • Chesapeake, VA • Phil Biedenbender/ Steve May, Tel.: (757) 436-3000, Fax: (757) 549-0990, e-mail: IMStrain@aol.com

ADVANCED DANGEROUS LIQUID CARGO – TANKERMAN PIC

Sponsored by RTM STAR Center • Feb. 14-18; May 8-12, 2000 • 2 W. Dixie Highway, Dania Beach, FL • Tel.: (800) 445-4522, Fax: (954) 920-4268, e-mail: e-mail@star-center.com, Web site: www.star-center.com

BASIC SAFETY TRAINING STCW

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 14-18, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740-4850, Fax: (409) 744-2890, e-mail: Marine.Training@teexmail.tamu.edu,

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

HAZWOPER (e) – HAZARDOUS WASTE SITE CLEANUP

Sponsored by IMS Environmental Services • Feb. 14-18, 2000 • Chesapeake, VA • Phil Biedenbender/ Steve May, Tel.: (757) 436-3000, Fax: (757) 549-0990, e-mail: IMStrain@aol.com

HAZWOPER OIL SPILL INCIDENT RESPONDER 24-HOUR – TECHNICIAN LEVEL

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 14-16, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740-4850, Fax: (409) 744-2890, e-mail: Marine.Training@teexmail.tamu.edu,

Web site: <http://teexweb.tamu.edu/cmts>

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

TANKERMAN – PIC DANGEROUS LIQUIDS

Sponsored by Texas A&M Center for Marine Training and Safety • Feb. 14-18; Mar. 13-17, 2000 • Galveston, TX • Cherry Young, Tel: (409) 740-4850, Fax: (409) 744-2890, e-mail:

Marine.Training@teexmail.tamu.edu, Web site: <http://teexweb.tamu.edu/cmts>

BRIDGE RESOURCE MANAGEMENT

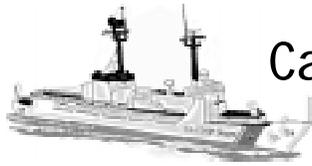
Sponsored by RTM STAR Center • Feb. 15-17; Mar. 14-16; Apr. 11-13; May 16-18, 2000 • 2 W. Dixie Highway, Dania Beach, FL • Tel.: (800) 445-4522, Fax: (954) 920-4268, e-mail: e-mail@star-center.com, Web site: www.star-center.com

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



Calendar of Events

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

FAST RESCUE BOAT

Sponsored by RTM STAR Center • Feb. 21–25; Mar. 20–24; Apr. 24–28; May 22–26; Jun. 26–30, 2000 • 2 W. Dixie Highway, Dania Beach, FL • Tel.: (800) 445–4522, Fax: (954) 920–4268, e-mail: e-mail@star-center.com, Web site: www.star-center.com

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) 740–4850, Fax: (409) 744–2890, e-mail: Marine.Training@teexmail.tamu.edu, Web site: <http://teexweb.tamu.edu/cmts>

SHIPHANDLING FOR THE MASTER/PILOT

Sponsored by Massachusetts Maritime Academy, Center for Maritime Training • Feb. 21–25; Jun. 19–23; Aug. 28–Sep. 1, 2000 • MMA Campus, 101 Academy Dr., Buzzards Bay, MA • Annie Hammerle, Tel.: (508) 830–5095, Fax: (508) 830–5090, e-mail: ahammerle@mma.mass.edu

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) 740–4850, Fax: (409) 744–2890, e-mail: Marine.Training@teexmail.tamu.edu, 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) 740–4850, Fax: (409) 744–2890, e-mail: Marine.Training@teexmail.tamu.edu, Web site: <http://teexweb.tamu.edu/cmts>

BRIDGE RESOURCE MANAGEMENT

Sponsored by Pacific Northwest Maritime Institute • Feb. 28–Mar. 3; Apr. 3–7, 2000 • Seattle, WA • Gregg Trunnell, Tel.: (206) 441–2880, Fax: (206) 441–2995, e-mail: pnwradar@mates.org, Web site: www.stcw95.com

ISM CODE AND ISO STANDARD INTERNAL AUDITOR TRAINING

Sponsored by TecSult 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

8–Hour OSHA HAZWOPER Refresher

Sponsored by Massachusetts Maritime Academy, Center for Marine Environmental Protection and Safety • Mar. 6; Apr. 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

Calendar of Events



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

OSHA HAZWOPER

Sponsored by Massachusetts Maritime Academy, Center for Marine Environmental Protection and Safety
• 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

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, 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

HAZARDOUS MATERIALS COURSE

Sponsored by Maritime Institute of Technology and Graduate Studies • Mar. 20–24, 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

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**

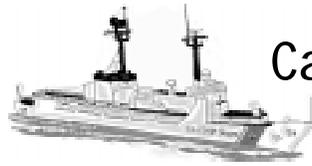
March 26–29, 2000 • Tampa, FL • Web site: www.losc.org

SHIPHANDLING IN MANNED MODELS

Sponsored by Massachusetts Maritime Academy, Center for Maritime Training • Apr. 10–14; May 8–12;
Jun. 5–9; Jun. 19–23; Jul. 10–14; Jul. 24–28; Aug. 7–11; Aug. 21–25; Sep. 11–15, Sep. 25–29; Oct. 9–13;
Oct. 23–27; Nov. 6–10, 2000 • MMA Campus, 101 Academy Dr., Buzzards Bay, MA • Annie Hammerle,
Tel.: (508) 830–5095, Fax: (508) 830–5090, e-mail: ahammerle@mma.mass.edu

STCW–95 IMPLEMENTATION AND IN–SERVICE ASSESSOR

Sponsored by DNV Training • May 2–4; Jun. 13–15, 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



Calendar of Events

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

SHIPHANDLING COMBINATION COURSE

Sponsored by Massachusetts Maritime Academy, Center for Maritime Training • May 22-26; Jun. 12-16; Jul. 17-21; Aug. 14-18; Sep. 18-22; Oct. 16-20, 2000 • MMA Campus, 101 Academy Dr., Buzzards Bay, MA • Annie Hammerle, Tel.: (508) 830-5095, Fax: (508) 830-5090, e-mail: ahammerle@mma.mass.edu

INERT GAS SYSTEM/CRUDE OIL WASHING (IGS/COW)

Sponsored by Massachusetts Maritime Academy, Center for Maritime Training • May 26-28; Dec. 1-3, 2000 • MMA Campus, 101 Academy Dr., Buzzards Bay, MA • Annie Hammerle, Tel.: (508) 830-5095, Fax: (508) 830-5090, e-mail: ahammerle@mma.mass.edu

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

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