



## DEPARTMENT OF HOMELAND SECURITY

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### WebWatch Division 8, 5NR September 2012

#### **A. PROMULGATION OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) MISSION ASSIGNMENTS: OPERATIONAL ACCEPTANCE AND EXECUTION, COMDTINST 3006.1**

Ms. Mary E. Landry, Director of Incident Management and Preparedness Policy

1. On August 13, 2012, Commandant (CG-5RI) signed COMDTINST 3006.1. This policy outlines the processes and procedures associated with the issuance, acceptance, execution, and management of FEMA mission assignments. It also formalizes previously issued guidance on pre-scripted mission assignment templates. As outlined in the policy, Coast Guard financial reimbursement processes and procedures are important elements linked with mission assignments. The Coast Guard continues to be fully prepared to support engagement in the nation's all hazard/all incident operations. This COMDTINST and reference documents are posted on CGPORTAL at:

<https://cgportal.uscg.mil/lotus/myquickcr/coast-guardpreparedness/plans-and-policy>.

2. A mandate of the Coast Guard is to be always ready for all risks and all hazards. In an ever changing world, our continued success depends heavily upon our ability to be prepared to meet day-to-day mission requirements as well as being prepared to surge and respond to a crisis. Continuous improvement and a commitment to excellence must remain part of the Coast Guard's legacy. The processes and procedures outlined in this instruction will help us to more efficiently and effectively execute crisis response. *Semper Paratus*.

#### **B. 2012 NATIONAL IMAGE MERITORIOUS SERVICE AWARD WINNER**

Ms. Terri A. Dickerson, Director, Civil Rights Directorate

1. It is with great pleasure that I announce the selection of Lt Stephanie Young of COMMANDANT (CG-092) as the CG 2012 National Image Meritorious Service Award winner.
2. The editor, manager, and lead author for the Flagship Service Blog, Coast Guard Compass, since June 2010, Lt Young is a longtime advocate for civil/human rights and upward mobility for Hispanics. She has distinguished herself on many occasions through her leadership and selfless dedication to community service. While her numerous accolades include leading the CG to victory in the military.com 2011 best blog competition, a letter of commendation for the successful remembering 9/11 campaign, and executing nine national media campaigns with an emphasis on public education and engagement, Lt Young regularly reaches out to young girls in



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underserved communities to improve their physical and emotional well-being. An advocate for females and minorities, she volunteered more than 250 hours supporting the Girls on the Run (GOTR) Program in Washington, DC. Her dedication and commitment was integral in establishing a new GOTR program at a District of Columbia school in need of coaches and role models. The CG decorated Lt Young with the CG Outstanding Volunteer Service Medal for her leadership, serving her country with distinction, and helping build a culture of citizenship while strengthening community partnerships.

3. Lt Young has also received recognition for her excellent situational and political awareness. As a White House Social Aide, Lt Young is responsible for assisting the permanent military aides to the President and the White House Social Secretary in support of the President and First Lady during official functions. She has been a standout representative for CG at numerous White House events.
4. The lead author of the 2011 and 2012 Sexual Assault Awareness Month Social Media Campaign, Lt Young is a forceful advocate for sexual assault survivors and maintains a qualification in sexual assault victim intervention. Additionally, Lt Young is a founding member of the CG Alumni Association Women's Leadership Initiative Fund, which works to strengthen women's leadership, training, and mentorship programs for female cadets, alumni, and officers.
5. Lt Young's outstanding accomplishments and contributions will be recognized at the National Image Awards Dinner on 13 September in Los Angeles, CA. COMDT (CG-00H) will coordinate attendance for Lt Young, and if approved will fund travel and lodging expenses for her to participate in the event.
6. COMDT (CG-00H) would also like to recognize two other outstanding nominees, RADM Ronald Rabago and CDR Michael Stewart for exemplary service and achievements.
7. More details regarding national image can be found at [www.national-image.org](http://www.national-image.org).
8. Civil rights awards programs help maximize the Coast Guard's overall mission effectiveness by fostering a discrimination free environment through recognition of member accomplishments and contributions to civil rights, equal opportunity, minority communities, and partnership in education (pie) programs. Learn more about the USCG Civil Rights Vision, Mission, Awards Program, and CG PIE at <http://www.uscg.mil/hq/cg00/cg00h/>.



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### C. COAST GUARD IMPLEMENTATION OF DHS CORNERSTONE PROGRAM

Mr. Curtis B. Odom, Director of Civilian Human Resources, Diversity and Leadership

1. This ALCOAST is to announce the new DHS Cornerstone Program and the requirements for all (military and civilian) individuals with the responsibility of supervising GS/WG civilian employees.
2. The Cornerstone Program was created in conjunction with the DHS Leader Development Program (LDP) initiative and is the first program developed among the five framework levels of the DHS LDP (team member, team lead, supervisor, manager, and executive). Since supervisory leadership is viewed as a critical need across the DHS enterprise, it was the first leadership development tier created.
3. DHS launched Cornerstone in March 2012 and mandated all components implement the program and train all first-line supervisors. Since Cornerstones launch, we have aggressively developed the required training resources mandated by the program. At its core, the Cornerstone Program is comprised of four product suites identified below:
  - a. Understanding the DHS Leadership Commitment,
  - b. Supervisory Onboarding: L90X,
  - c. Fundamentals of DHS Leadership, and
  - d. Continuous Supervisory Leadership Development.
4. Implementation of Cornerstone will guarantee components are compliant with 5 CFR 412.202, which requires all supervisors receive training within one year of appointment to a position that supervises GS/WG civilians. In order to raise awareness and provide up-to-date information, Commandant (CG-133) created a web site where pertinent information will be available. I encourage you to visit the web site below for more detailed information and to familiarize yourself with the various requirements for each segment of Cornerstone:  
<http://www.uscg.mil/leadership/courses/dhs.asp>.
5. In the short term, all new supervisors hired in FY12 must complete Supervisory Onboarding: L90X and Fundamentals of DHS Leadership, and all experienced supervisors (hired prior to 30 Sep 11) must complete Continuous Supervisory Leader Development by 30 Sep 12. Effective in FY13, experienced supervisors will also be required to complete Fundamentals of DHS Leadership. Of note, once Fundamentals of DHS Leadership is completed, there is no recurring requirement. However, Continuous Supervisory Leadership will be a recurring annual requirement for all supervisors.



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6. To fulfill the Continuous Supervisory Leader Development segment of Cornerstone, all supervisors must complete 12 hours of annual leader development and 12 hours as 'leader as teacher'.
  - a. Annual leader development. Commandant (CG-133) recommends supervisors use Skillsoft to meet the 12 hours of annual leader development requirement. Commandant (CG-133) developed a DHS Cornerstone folder of approved courses, books, and videos, and preloaded the folder into all supervisors My Plan account in Skillport that may be accessed 24/7 via the CG Portal. Once supervisors log on to the CG Portal web site they will do the following:
    - 1) Click the Training and Education tab across the top of the CG Portal Homepage.
    - 2) Once on the Training and Education page, to access Skillport, learners will click the Skillport link on the left side of the page.
    - 3) Once on the Skillport page, learners will click the Skillport link in the bottom, left hand corner of the dialogue box. It reads Skillport Single Sign-on with a checkbox character.
    - 4) On the USCG Skillport Portal page, the learner will click on the My Plan link on the upper left side of the page. This will take the learner to folders that contain approved Skillsoft training for the DHS Cornerstone program and specifically, annual leader development.
  - b. Supervisors may elect to also use other training opportunities completed this FY to fulfill this requirement, including but not limited to other leadership courses (e.g. SLPS, LAMS, and DHS Fellows Program, etc.), Treasury Executive Institute activities, and others. If in doubt, contact Commandant (CG-133) for clarification.
  - c. For the 12-hours of 'leader-as-teacher' (giveback), DHS recommends activities such as mentoring employees separate from their supervisory duties, presenting or teaching in leader development activities or similar activity where they contribute to another individual's leader development by sharing their experiences or expertise.
7. To track completion of these two annual requirements, supervisors will be instructed to self-report via a course titled DHS Continuous Leader Development in the LMS, scheduled for implementation by the end of August. Supervisors will log in and affirm that they have completed the training by checking various boxes identifying how the training was obtained (i.e., Skillsoft, Commandant (CG-133), DHS, or other training activity).
8. Commandant (CG-133) is developing three additional online courses:
  - Do I Want to Be a Supervisor (5 hours), Mentoring (6 hours), and
  - Civilians that Supervise Military Personnel (10 hours), which we hope to launch by the end of the first quarter in FY13.
9. In weeks ahead, the Commandant (CG-133) staff will be contacting new and experienced supervisors, alerting them to these new requirements. The staff will work with them to ensure

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they have all the necessary information and tools to successfully complete Cornerstone training requirements. Commandant (CG-133) will be closely monitoring completion rates and will send reminder notices to keep everyone on target and tracking. I ask for your support when conducting all hands sessions with your crews, talk about the Cornerstone Program and encourage them to understand and embrace the training, and fulfill the requirements as outlined on the website.

### D. NATIONAL PREPAREDNESS MONTH AND FAMILY READINESS

RADM M. K. Dollymore, Director of Health, Safety and Work-Life

1. September is National Preparedness Month (NPM), a month-long awareness and activism campaign to improve the nation's emergency preparedness. It is important to stress that preparedness is important for all hazards, whether natural or man-made. This year's NPM theme is "Pledge to Prepare." By pledging, you will become part of the National Preparedness Coalition. Visit [www.Ready.gov](http://www.Ready.gov) to take the Pledge and access exclusive resources addressing individual and family readiness.
2. National Preparedness Month is designed to encourage citizens to take simple steps to prepare for emergencies in their homes, businesses, and communities. Disasters can strike at any time without warning. I encourage all Coast Guard (CG) members to be prepared for when, not if, the next emergency will occur. Preparedness is a responsibility we all share, and we each have an important role to play. At the [Ready.gov](http://Ready.gov) website you can learn to be prepared, make a plan, build a kit and get involved.
3. Build a kit. To fully prepare yourself and your family, create an emergency kit that includes supplies for at least three days. These kits will enable you and your family to respond to an emergency more effectively. Although the most helpful kits include items that best suit your family's particular needs, remember the basic supplies such as water, food, a first aid kit and money. Because hazardous events are unpredictable, you should be prepared with an emergency kit at home, at work, and even in your car. Regularly evaluate and update all your emergency preparedness kits to ensure they will provide you and your family with basic needs during an emergency. Information on how to help your family prepare for and manage emergency situations is available at the Office of Work-Life Family Readiness Program website at [www.uscg.mil/worklife/ready.asp](http://www.uscg.mil/worklife/ready.asp).
4. Readiness begins at home. We all face multiple demands and pressures that have the potential to negatively impact our ability to stay mission focused, prepared, and fit. Resolving these issues and maintaining a healthy balance between work, family, and life events is critical to your personal preparedness. Work-life programs can assist you in addressing these issues as well as those that can develop before, during, and after an emergency.

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### **E. COAST GUARD FOUNDATION SHIPMATE FUND 2012: STATUS REPORT AND GUIDANCE**

VADM J. P. Currier, Vice Commandant

1. Field interest and submissions for the Shipmate Fund have generated significant enthusiasm within the Coast Guard Foundation (the Foundation) and provided significant benefits to Coast Guard members and their families. In 2011, the Foundation contributed nearly \$300,000 to purchase Shipmate Fund items. In response to a request from the Foundation, a refreshed list of Shipmate Fund requests was created. A final list of items totaling \$2.1 M was approved by the Vice Commandant and submitted to the Foundation for consideration. The current prioritized shipmate fund list may be found at <http://www.cg-exchange.com/iMWR.nsf/MWRDocs>.
2. The Foundation is currently using this new list to generate additional donations for Shipmate Fund requests. During the 2012 Foundation Grants Committee meeting, the Foundation approved a \$100,000 gift to apply towards Shipmate Fund items. These funds will be used for remaining 2011 approved items, with the balance applied to the new list as prioritized by the Areas. Additionally, the Coast Guard Foundation will use the new list in fund raising efforts with the goal of raising an additional \$300,000 in Shipmate Funds this year.
3. Community Services Command (CSC) is actively working to distribute newly gifted funds from the Foundation. Units whose projects are selected for funding will be notified by email or message as funds become available throughout the year. Funds may be directed to items or projects specified by donors, or may be provided to the Coast Guard for broad application to the Shipmate Fund list. Not all items on this list will be funded and funding may not necessarily follow the published prioritization subject to donor desires.
4. It is the Coast Guard Foundations desire to provide immediate benefit to CG units, members, and families. To facilitate efficient procurements, Shipmate Funds will be electronically transferred by the CSC to field MWR accounts using the regular MWR funds distribution process. Shipmate Funds will be sent to the cognizant authority for MWR purposes, for further distribution as necessary. Commands in receipt of funds for further distribution or procurement shall act expeditiously to ensure proper, but rapid acquisition of items.
5. Units will receive the amount requested for each item. If the actual costs are more than what was approved, the unit must cover the additional cost. Should the unit be unable to cover these costs, the Shipmate Funds must be returned to the CSC through the cognizant authority. If the actual costs are less than funds received, and the difference is five percent or greater, the unit must also return these funds to the CSC. Substitution of items is not authorized. For example, a unit funded for a treadmill may not procure a kayak. Units are encouraged to consider using the Coast



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Guard Exchange System as a source for their Shipmate Fund procurements as discounts are provided on morale fund purchases.

6. All procurements must be made in accordance with established processes. Items that meet the requirements for inclusion on unit property records shall be recorded in Oracle FAM. Units must retain copies of this ALCOAST, the purchase request, and the invoice (marked received) in their MWR files. CSC or the cognizant authority for MWR purposes may request copies of this documentation.
7. Members of the Coast Guard Foundation greatly enjoy seeing the benefits CG members derive from their contributions. Foundation fund raisers also use pictures of equipment being used to assist in their fund raising efforts. Benefiting units are strongly encouraged to promptly assemble equipment and e-mail at least one photo of unit personnel enjoying the item to the following address: [09SA@uscg.mil](mailto:09SA@uscg.mil).
8. Unit Commanding Officers and Officers in Charge should promptly mail written thank you letters directly to the Coast Guard Foundation: Coast Guard Foundation, 394 Taugwonk Road, Stonington, CT 06378-1807. The Coast Guard Foundation donors may wish to visit units to see the benefits derived from their generosity. Benefiting units should make all efforts to accommodate such requests.

### F. OPERATIONAL TASKING (OPTASK) DIVERSITY FY2012 SITREP TWO

VADM Manson K. Brown, Deputy Commandant for Mission Support

1. As Deputy Commandant for Mission Support (DCMS), I am pleased to provide a brief update of our efforts to operationalize the Commandants Diversity Strategy. Since the last SITREP, we held a very productive LEAD Council meeting in June and made significant progress in developing the Leadership and Diversity Advisory Councils (LDACs) at LANTAREA, PACAREA, DCMS, and DCO. A majority of field LDACs are fully functional. This is evidenced by the increased reports of community outreach, to include elevated Partnership In Education activities at middle and high schools.
2. U.S. Coast Guard Diversity Strategic Plan requires that quarterly progress reports and updates be submitted to DCMS. The following highlights outline the progress and initiatives accomplished in fiscal year 2012:
  - a. The Coast Guard participated in 20 diversity outreach events. Nine Coast Guard members received recognition for their superior performance and accomplishments at the Black Engineer of the Year Awards Conference and the Joint Women's Leadership Symposium. (Goals 3 and 4)

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- b. At Headquarters, staffs in COMDT (CG-6) and COMDT (CG-9) took advantage of available tools such as the Defense Equal Opportunity Management Institute (DEOMI) Organizational Climate Survey (DEOCS) questionnaire to address and improve the overall climate within their directorates. Intended for organizations with as few as 16 members and suitable for military and/or civilian personnel, the questionnaire uses the shared perceptions of an organizations members to measure climate factors associated with military equal opportunity (EO) issues, civilian equal employment opportunity (EEO) issues, and sexual assault prevention and response (SAPR) issues, as well as organizational effectiveness (OE) factors. The DEOCS allows leaders to proactively assess organizational climate. U.S. Coast Guard Equal Opportunity Manual requires that a DEOCS survey be administered annually to assess the organizations climate. Visit <http://www.deomi.org/OrgAssessment/index.cfm> for more information. (Goal 2)
- c. To strengthen partnerships with Historically Black Colleges and Universities, the Assistant Commandant for Engineering and Logistics (COMDT (CG-4)) and the Director of Commercial Regulations and Standards (COMDT (CG-5PS)) participated in a Memorandum of Understanding (MOU) signing ceremony with Morgan State University School of Engineering in January. MOUs such as this greatly increase awareness of Coast Guard career opportunities. (Goal 3)
- d. The Coast Guard Academy (CGA) entering class of 2016 has the highest percentage in its history of women and underrepresented minorities, 36 percent and 35 percent respectively. The level of outreach by the entire Coast Guard, CGA Ambassador efforts, Coast Guard Recruiting Command partnering, and exposure to CGA via the campus visit program are key contributors to this success. (Goals 2 and 5)

### G. 65TH BIRTHDAY OF THE UNITED STATES AIR FORCE

ADM Bob Papp, Commandant

1. The men and women of the United States Coast Guard join me in wishing the United States Air Force a Happy 65th Birthday.
2. From the earliest days as the Aeronautical Division of the Army Signal Corps to the creation of the Army Air Force to your formal birth as the United States Air Force, you have always answered this nation's call. In every conflict since the beginning of flight, you have lived your mission to fly, fight, and win.
3. Just as you provide security for our nation by providing air, space and information dominance, you provide for those in need through search and rescue, critical care air transport, and disaster

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and humanitarian relief. For 65 years the men and women of the United States Air Force have put integrity first, placed service before self, and shown excellence in every endeavor.

4. Happy birthday and *Semper Paratus*.

### **H. PROHIBITION OF PERSONALLY IDENTIFIABLE INFORMATION (PII) OR SENSITIVE PII (SPII) RELEASE TO THE INTERNET**

RADM R. E. Day, Assistant Commandant for Command, Control, Communications, Computers, and Information Technology

1. Department of Homeland Security (DHS), Sensitive Systems Policy defines Personally Identifiable Information (PII) as any information that can be used to trace the identity of an individual.
2. SPII is the aggregation of PII with the names of military members or government employees. If lost, compromised, or disclosed, SPII could result in substantial harm to an individual.
3. Employee Identification Numbers (EMPLID) are identifiers that are directly linked to an individual military member or government employee. EMPLIDs are considered SPII.
4. Effective immediately, when used in conjunction with any identity identifier, the release of EMPLIDs to the Internet is prohibited.
5. Any unit requiring the release of EMPLIDs to active, reserve, or civilian personnel may do so using the CGPortal. The CGPortal is an Internet-facing application that can be accessed by any member of the CG using a personal computer with Common Access Card (CAC) reader and CAC.
6. Policy changes identified within this ALCOAST will be added to the next revision of Privacy Incident Response, Notification and Reporting Procedures for PII, COMDTINST 5260.5 (series).
7. Department of Homeland Security (DHS), Sensitive Systems Policy has been cancelled. Revised policy on the release of Personally Identifiable Information (PII) or Sensitive Personally Identifiable Information (SPII) to the Internet will be provided in an updated ALCOAST.



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### **I. RELEASE OF THE U.S. COAST GUARD SECTOR ORGANIZATION MANUAL**

VADM Peter V. Neffenger, Deputy Commandant for Operations

1. This ALCOAST announces the publication of the U.S. COAST GUARD SECTOR ORGANIZATION MANUAL, COMDTINST M5401.6A.
2. This manual establishes a standard construct for organizing and administering Coast Guard Sectors. This manual includes standardized information applicable to all Sectors, such as the sector organization, organizing principles, and roles and responsibilities of various positions within the sector organization.
3. The subject instruction contains several revisions and clarifications to policy within the following areas: Competency Management, Reserve Program Coordination, Weapons Program, Co-Location, Command Security Officer, Contingency Planning Force Readiness Staff, Organizational Flexibility, Organizational Diagrams, Glossary of Terms, Pollution Investigators And Pollution Responders, Collateral Duties, Marine Safety Detachment, Sector Personnel Allowance List, Sector Standard Operating Procedure, And Investigations Division.
4. All Coast Guard Unit Commanders, Commanding Officers, Officers-In-Charge, Deputy/Assistant Commandants, and Chiefs of Headquarters Staff Elements shall comply with the provisions of this reissued manual.
5. This Manual is posted on the CG Directives System Webpage at:  
<http://Cgweb.Comdt.Uscg.Mil/Cgdirectives/Welcome.Htm>.

### **J. 2011 ASSOCIATION FOR RESCUE AT SEA (AFRAS) AWARD RECIPIENTS**

Ms. Mary E. Landry, Director of Incident Management and Response Policy

1. This ALCOAST announces the recipients of the 2011 AFRAS Gold and Silver Medals. The Gold Medal is awarded annually to a Coast Guard Enlisted Member who has uniquely demonstrated selfless courage and heroism during a rescue at sea. The Silver Medal is awarded annually to a Coast Guard Auxiliarist for extraordinary bravery during a rescue at sea.
2. **GOLD MEDAL.** The 2011 AFRAS Gold Medal is awarded to CWO Randall J. Rice, while serving at Air Station Cape Cod, Massachusetts, as a Chief Aviation Survival Technician. CWO Rice is recognized for his heroic effort on 10 May 2011, as the rescue swimmer on board Coast Guard Helicopter CG-6004. CG-6004 was launched in response to a distress call from the 45-foot sailing vessel *EVA*, located 150 miles southeast of Cape Cod. Pounding seas and gale force winds ripped the mast off *EVA* and shattered the windows, endangering the lives of the two crewmembers. Upon arriving on scene, CG-6004 was initially unable to locate *EVA* due to the

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tumultuous seas and low ceiling. CWO Rice spotted *EVA* and vectored CG-6004 to its location. Due to the hazardous conditions on scene, CWO Rice deployed and maneuvered his way through the heavy seas to the stricken sailing vessel, braving towering 30-foot swells and debris. He quickly cleared the vessel of debris and other hazards while preparing for two basket hoists of the injured crew. CWO Rice meticulously executed each lifesaving hoist from the deck of the *EVA* as the pounding waves and raging winds battered the vessel. His swift actions were instrumental in the saving of two lives.

3. **SILVER MEDAL.** The AFRAS Silver Medal is awarded to District Five Auxiliarists Ronald Johnson, Dennis Szeba, Jim Mauk, Bill Gerdson and Fred Jelinek, for outstanding skill demonstrated on 30 June 2011, While serving aboard Coast Guard Auxiliary Vessel 25371. While underway conducting training, the Auxiliary crew noted a small boat with two people on board circling. The woman on board was attempting to summon them for assistance. The boat operator was slumped over the helm in obvious medical distress. Auxiliarist Johnson, serving as Coxswain, expertly maneuvered the vessel alongside the boat to get it under control and further assess the situation. Once alongside, Auxiliarists Jelinek and Gerdson boarded the boat and immediately determined the operator was in cardiac arrest. They quickly began CPR while Auxiliarists Johnson, Mauk and Szeba rigged the small boat for alongside tow and coordinated additional assistance with Coast Guard Station Emerald Isle and local emergency medical services. The Auxiliary team continued CPR as they towed the small boat towards shore while the Station dispatched a rescue boat to assist. Once at the station pier, the rescue team successfully employed an Automatic Emergency Defibrillator resuscitating the stricken boater. The presence of mind of the 25371 crew in response to a dangerous situation involving a medical emergency aboard a vessel that was out of control prevented loss of life.
4. **Other AFRAS nominees.** The other AFRAS nominees, all of whom demonstrated exceptional courage in the conduct of lifesaving Operations, have further enhanced the Coast Guard reputation as lifesavers and guardians of the sea. These outstanding individuals include:
  - a. AST2 Ryan A. Wright (RET) - Coast Guard Air Station Kodiak, Alaska.
  - b. AST2 Chad A. Somolar - Coast Guard Air Station, Clearwater, Florida.
  - c. Auxiliarists Douglas E. Kerr and Debra L. Kerr - Sector San Francisco, California.
5. The AFRAS Award recipients will be recognized at a reception on Capitol Hill, at the Rayburn Building, Washington, DC, 04 October 2012 (Tonos will be provided by the office of search and rescue).
6. Congratulations to all AFRAS Award recipients and nominees for your selfless service and a job well done.



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### **K. FOUNDATION FOR COAST GUARD HISTORY (FCGH) COAST GUARD UNIT AWARD**

RDML Steve Poulin, Director of Governmental and Public Affairs

1. The Foundation for Coast Guard History (FCGH) was formed on 4 August 1999 as a non-profit organization. Its objectives are to:
  - a. Provide support to the Coast Guard Historians Office
  - b. Encourage studies relating to the history of our service, and
  - c. Accord recognition to individuals, units, and public and private organizations for both scholarly achievement and for raising public awareness of the challenges, accomplishments, and character of the men and women who have contributed to the proud heritage of the Coast Guard.
2. Each year the Foundation recognizes a large (Major Cutter, Air Station and Sector) and small (Patrol Boat, SAR Station) Coast Guard unit for contributions to preserving the history of the Service. The large unit winner receives \$500, and the Small unit \$200 for their morale fund. The criteria for eligibility for the unit award are:
  - a. Units can be Active Duty or Reserve, Auxiliary Squadron, or Spouses Club.
  - b. Units must be engaged in a specific undertaking aimed at furthering public awareness of current activities or the history and heritage of the Coast Guard.
  - c. Units that receive the award may not resubmit for a period of five (5) years.
3. The winner in the 2011 large unit category was USCG Air Station Clearwater. The volunteers at Air Station Clearwater restored HU-16E GOAT CGNR 1023 after rescuing it from the now closed Pate Aviation Museum in Fort Worth, Texas. The restoration coincided with the 60<sup>th</sup> anniversary of the introduction of the Grumman HU-16 Albatross into the Coast Guard Fleet and the 35th Anniversary of the units move from St. Petersburg to Clearwater, as well as the Centennial of Naval Aviation. CG-1023 now commemorates the crew of the CG-1240, lost in the fog on a rescue attempt on 6 March 1967.
4. In the 2011 Small Unit Category, the winner was Station Hatteras Inlet. Station Hatteras Inlet helped reinstitute an American pastime, the Beach Cart Drill as conducted by the crews of the United States Life-Saving Service in the years preceding the creation of the Coast Guard. The all-volunteer crew worked in conjunction with the Chicamacomico Lifesaving Museum to present the drill twice per week using only tools available to 19th century lifesaving crews. The unit also worked in conjunction with the North Carolina Center for the Advancement of Teachers in presenting an annual one-week Guardians of the Sea Seminar for visiting teachers from throughout the State, and participated in the Chicamacomico Lifesaving Museum's annual

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Heroes Day Celebration, among other ongoing projects dedicated to the heritage of the service both locally and nationally.

5. For the 2012 competition, units and organizations are encouraged to submit a concise written description, with two copies, of their efforts. These may be a single specific completed project or an ongoing, continuing undertaking. Photographs and printed material related to the project are useful but not necessary. Material will not be returned.
6. Additionally, units and organizations are also encouraged to nominate individuals who have contributed to the furthering of Coast Guard history. Documentation should be in the form of a letter, with two copies, detailing the contributions of the individual. In 2011 the Heritage Award For Achievement was Robert M. Green, a USCG Auxiliarist. Mr. Green, the Graphics Branch Chief of the USCG Auxiliary National Staff, took it upon himself to create a Coast Guard Heraldry Manual. His work was comprehensive, professionally written and the first attempt at the establishment of Coast Guard-wide Standards of Heraldry Guidelines to be adhered to in all situations, including use by the media.
7. Deadline for entries is 31 October 2012.
8. Mail entries to: Coast Guard Unit Award Committee, Foundation for Coast Guard History, c/o John Galluzzo, PO BOX 213, Hull, MA 02045.

### L. CONGRESSMAN ANDY HARRIS VISITS ISOBUTANOL TEST SITE

John McKnight, NMMA

On September 18, Rep. Andy Harris (MD-1) and his staff visited the Gingerville Yachting Center near Annapolis, MD where NMMA and research partners from Gevo, ABYC, Volvo Penta and BRP were on hand to provide him with a full tour and demonstration. Those on-site included Rich Kolb, Engineering Manager, Emissions, Regulations, Parts & Accessories, Volvo Penta; Jeff Wasil, Emissions Certification Engineer, Bombardier Recreational Products; John Adey, President, American Boat and Yacht Council Brian Goodwin, Technical Director, American Boat and Yacht Council; Dave Munz, Business Development Manager, Gevo; Robert Novotny, Indmar Marine and John McKnight, director of environmental safety and compliance for NMMA.

It is imperative that NMMA members and our partner organizations inform Congress about the dangers of E15, and the work we are doing to learn more about alternatives. This on-site demonstration was a successful way to help legislators see first-hand how E15 negatively affects the marine industry.





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The research group is continuing their tests on isobutanol, an alternative biofuel that could potentially replace E15. Evaluations show isobutanol to produce no more emissions than pure, EPA-approved test gasoline, while producing 30 percent more energy than ethanol.

### **M. HUNTER AND ANGLER NUMBERS UP; EXPENDITURES RIVAL SOME OF AMERICA'S BIGGEST COMPANIES**

Jim Currie, NMMA

A coalition of hunting and angling groups recently reported a recent rise in hunting and fishing participation in the U.S. The groups, in addition to NMMA, included the Congressional Sportsmen's Foundation, Cabela's, Safari Club International, National Shooting Sports Foundation and the American Sportfishing Association. They used recently released data from the U.S. Fish and Wildlife Service's (Service) 2011 National Survey on Fishing, Hunting and Wildlife Associated Recreation to compare hunting and fishing participation and expenditures to mainstream industries.

Highlights of the findings included:

- The participation and economic data, released in August by the Service shows a 9 percent increase in hunters and an 11 percent increase in anglers compared to the 2006 survey.
- 37 million sportsmen and women over the age of 16 participated in hunting and angling
- Hunters and anglers continued their strong spending habits:
- Equipment expenditures noted \$8.2 billion for hunters, \$6.2 billion for anglers
- Trip-related expenses totaled over \$32 billion
- Sportsmen and women are the nation's most ardent conservationists, putting money toward state fish and wildlife management.
- Hunters and anglers directed \$3 billion towards on-the-ground conservation and restoration efforts in 2011 - that is over \$95 every second.

### **N. BUDGET LAW WILL FREEZE SPORT FISH RESTORATION FUND**

Jeff Gabriel, NMMA

On September 14, the Office of Management and Budget (OMB) released its recommendations for budget cuts that include withholding parts of the Sport Fish Restoration and Boating Trust Fund. This would have a negative impact on fisheries conservation and the jobs it supports. This move was triggered by the failure of the Congress and the Administration to enact a plan to reduce the deficit by \$1.2 trillion, as required by the Budget Control Act of 2011.

The total annual value of the Trust Fund is approximately \$650 million. The monies from the fund are apportioned to state conservation agencies for sport fish restoration, boating safety, angler and boater access and other fishing and boating programs.

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The marine manufacturing industry produces a \$72 billion annual economic impact, creating over 350,000 jobs. In addition, recreational fishing adds \$125 billion each year to the nation's economy and supports more than one million jobs. Since its inception, the Sport Fish Restoration Act has pumped \$7 billion into habitat restoration, access and boating safety programs.

A related program, the Wildlife Restoration Act of 1936, after which the Sportfish Trust Fund was patterned, is slated for a \$31 million freeze. That Act is funded by hunters and men and women who engage in the shooting sports and archery, who pay a similar tax to support wildlife restoration.

Congress, with the cooperation of the Administration, must address the sequestration schedule and they will not occur until after the elections and possibly not until early 2013 and with a new Congress. NMMA will be closely following this process and will continue to work on behalf of the recreational boating industry, and update readers as more information is available.

### **O. BOATING AND FISHING GO TOGETHER ON NEW TAKE ME FISHING FACEBOOK TAB**

Discover Boating

As part of an ongoing partnership with the Recreational Boating & Fishing Foundation (RBFF) to maximize synergies with its Take Me Fishing™ campaign, RBFF just launched a new "Discover Boating" Facebook tab, directing current and potential anglers to the boating section of TakeMeFishing.org where they can explore the Boat Selector Tool, Places to Boat and Fish map, Take Me Fishing Boat Ramp App and Get Started in Boating DVD. The tab is supported with a Facebook ad buy and organic social media outreach.

The campaign also includes Search Engine Marketing (SEM) support, Discover Boating advertising on TakeMeFishing.org and soon, the new and improved Boat Selector Tool. The section will connect fishing and boating as tandem activities, for those opting to take their fishing to new depths by purchasing a boat. View the boating tab at:

[http://www.facebook.com/TakeMeFishing/app\\_468310953201206](http://www.facebook.com/TakeMeFishing/app_468310953201206)

### **P. RULE OF TWELFTHS**

Tom Neale, 7/13/2004

When you are cruising most tidal areas of the coast, it is possible to quickly determine approximately how fast the tide is rising or falling and the velocity of the accompanying current by using the Rule of Twelfths. The times of high and low tides as well as tidal heights above or below chart datum (the numbers showing depths on your chart) for each day can be determined from a number of sources, such

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as weather broadcasts, tide tables, navigation programs, some charts, and nautical almanacs like Reeds or Eldridges. Use your own observation of the shoreline if no other information is available.

The Rule of Twelfths is a general guide for semi-diurnal tides where there are two nearly identical complete tidal cycles a day (high, low, high, low, all within approximately 24 hours). It usually takes about six hours for the tide to completely rise (flood) or fall (ebb). The slack period when the tide is reversing directions varies in duration depending upon the location, the lunar stage, wind and other factors. You should consult current tables for this exact information, and observe local conditions. Slack tide may last only a few minutes or much longer, and does not necessarily correspond to the exact time of high and low tide.

In some parts of the world (for example: most areas of US Gulf Coastal States including the western part of the Florida Panhandle, Eastern Mexico, some Caribbean Islands) tide cycles are diurnal, with only one twelve-hour rise and fall a day. Diurnal tidal areas often have weak currents with long periods of slack, and little tidal range. Some areas have a mixture, where highs and lows are unequal and irregular. You can use the Rule of Twelfths to help determine how long you might have to sit and wait for the tide to rise enough to re-float your boat if you are aground, or to determine how fast you must act to get off. You can use it to approximate the time the current will slow down and become slack (the less rise or fall, the slower the current will flow). It is important to note that one half of the total rise and fall (and therefore the strongest current) occurs during the third and fourth hour.

For simplicity, we'll use a six-foot tidal range (range = difference between high and low tide heights) in the example below. The range should be divided into twelve parts: 6 divided by 12 = one-half foot. During each hour of the cycle, the tide will rise or fall approximately the following amounts:

Slack

Hour 1: One twelfth of range (6 ft) = one-half foot

Hour 2: Two twelfths of range = one foot

Hour 3: Three twelfths of range = one and one-half foot

Hour 4: Three twelfths of range = one and one-half foot

Hour 5: Two twelfths of range = one foot

Hour 6: One twelfth of range = one-half foot

Slack

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