



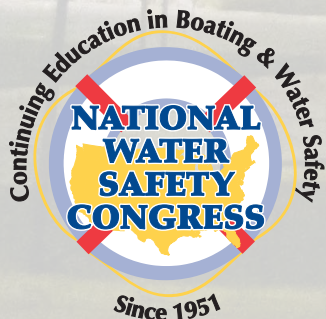
17TH ANNUAL
**International Boating &
Water Safety Summit**

SAN ANTONIO, TX

Proceedings

Sunday, March 24 - Wednesday, March 27, 2013

*A joint program sponsored by the
National Water Safety Congress (NWSC) and
the National Safe Boating Council (NSBC).*



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International Boating & Water Safety Summit

Dear Fellow Summit Participants:

The National Water Safety Congress and the National Safe Boating Council are pleased to bring you Proceedings from the 17th Annual International Boating and Water Safety Summit. More than 250 boating and water safety professionals and volunteers were in attendance as “teachers” and “students” at the Summit, sharing knowledge and techniques during general and breakout sessions.

With a variety of topics covered during the sessions, the Summit is helpful to anyone involved with boating and water safety and offers attendees the freedom to “cross-train” during breakout tracks. For additional information on any segment of the Summit, contact the presenter listed with the session. (Contact information for all Summit attendees is listed in alphabetical order beginning on page 26.)

Next year’s Summit will be held at the Renaissance Nashville Hotel in Nashville, Tennessee, Monday, April 14 through Thursday, April 17, 2014. We encourage you to put this event on your calendar. Please note the opening day change from Sunday to Monday! Keep an eye on the International Boating and Water Safety Summit website for registration information: IBWSS.org.

Thank you to all who participated in the 2013 Summit in San Antonio, Texas! We look forward to seeing you in Nashville next spring!



Ernie Lentz
President
National Water Safety Congress
watersafetycongress.org



Joyce Shaw
Chair
National Safe Boating Council
safeboatingcouncil.org



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TABLE OF CONTENTS

| | | | |
|--|----|---|----|
| Pre-Summit Sessions. | 4 | Stand Up Paddleboard: Get the “Scoop” from the ACA!. | 13 |
| Opening Reception | 4 | Cold Water Boot Camp USA and Beyond Cold Water Boot Camp Boot USA Rescue, Recover and Rewarm. | 14 |
| Update from the U.S. Coast Guard Office of Auxiliary and Boating Safety. | 5 | WSIA Wake Boarding | 14 |
| Forever 15: Tragedy on the Water | 5 | National Safe Boating Council Resources. | 14 |
| Strategic Plan Initiatives Update | 6 | | |
| Stand Up Paddleboarding – National Education Curriculum and Legislation Update | 6 | Women as the Influencer in Boating Safety Behavior. . . | 15 |
| The “Wear It!” Campaign: Two Little Words Making a Big Difference | 6 | NSBC Point of Sale Training Grant | 15 |
| On-Water Standards Development Update/NASBLA Standards Update - What’s the Difference. | 7 | Pennsylvania Helicopter Aquatic Rescue Team (PA-HART) | 16 |
| Vessel Point of Sale Project Update. | 8 | Building and Sustaining a Strong Local Water Safety Advocacy Group | 16 |
| International Presentations: | | Building Effective and Efficient Water Safety Programs During Tight Economic Times | 16 |
| An Update from our Global Partners. | 8 | Training the Trainers: Instructor Trainers Compare Methods | 17 |
| WSIA’s Water Sports Foundation. | 8 | Education Through Maritime Service/SAR. | 17 |
| We’re from the Government and We’re Here to Help! .8 | | The Drowning Trap - Moderate River Levels May Cause Fatalities. | 18 |
| Behind the Scenes of the San Antonio Riverwalk | 8 | Teaching Pre-Teens to Keep Themselves and Their Friends Safe | 18 |
| NWSC “Boat Safety Point of Sale” Presentation | 9 | Developing a Comprehensive Emergency Management Plan. | 19 |
| What Recreational Boating Instructors Need to Know About Rescue 21 | 9 | Writing the Water Safety Teen Video for Texas Parks and Wildlife Department | 19 |
| The Paddlesport Perspective: Effective Paddlesports Risk Management. | 10 | The Spirit of America Foundation: Global Initiative for Access Ability Education® | 19 |
| Maximizing Your Water Safety & Drowning Prevention Efforts | 10 | Ditch Bag – Equipped to Survive – Are you ready? . . . | 20 |
| Vessel Safety Check Data Collection. | 10 | Improving the Permitting Process – A Case Study . . . | 21 |
| Ancillary Use of the Vessel Safety Check Process as a Tool for Tactical Profile Measurement and Interactive Hands-On-Training. | 11 | Water Rescue for the First Responder – NFPA 1670 Awareness Level. | 21 |
| RBS In-Network (Recreational Boating Safety Instructor Network) (BoatingInstructorNetwork.org) | 12 | Awards Banquet | 22 |
| The Joshua Collingsworth Memorial Foundation (JCMF): Drowning Prevention Through Early Education with Josh the Otter | 12 | NWSC Award Winners | 23 |
| Forever 15 Tragedy on the Water | 13 | NSBC Award Winners. | 24 |
| The Water Sports Alert Network | 13 | 2013 Media Contest. | 25 |
| | | 2013 IBWSS Attendees | 26 |
| ON-THE-WATER EVENTS HELD AT SEA WORLD | | Exhibitor Directory | 31 |
| Powerboat Operation National Standards Validation Demonstration. | 13 | NWSC Board of Directors. | 34 |
| WSIA Wake Boarding | 13 | NSBC Board of Directors | 36 |
| FlyBoard Demonstration. | 13 | | |

PRE-SUMMIT SESSIONS

National Safe Boating Council's (NSBC) Instructor
Close-Quarters Boat Control Course
NSBC Instructor Open Water Boat Control Course
National Association of State Boating Law
Administrators (NASBLA) Education Standards Panel
National Boating Federation Executive Board Meeting
NSBC Board Meeting
NASBLA New State Education Coordinator Training
National Boating Federation Annual General
Membership Meeting
NASBLA Education Committee & Sub-Committees
NASBLA Marketing & Outreach Sub-Committee

NASBLA Policy & Best Practices Sub-Committee
NWSC Board and Partners Meeting
NASBLA Charge 5 - Dealer Breakout
NASBLA New State Education Coordinator Meeting
Boating Education Advisory Panel (BEAP)
United Safe Boating Institute (USBI) Meeting
ACA Standup Paddleboard Meeting
NWSC General Membership Meeting
NSBC General Membership Meeting

SUNDAY, MARCH 24

Opening Reception Honoring the 17th Annual IBWSS Exhibitors

*The Opening Reception was sponsored in part by
Premier Sponsor Boat Ed.*



MONDAY, MARCH 25

– GENERAL SESSION –

Update from the U.S. Coast Guard Office of Auxiliary and Boating Safety **Captain David J. Rokes, U.S. Coast Guard Office of Auxiliary and Boating Safety**

Captain Rokes discussed the U.S. Coast Guard Budget emphasizing that you will see fewer headquarters personnel in attendance at RBS conferences, meetings, and events. This is a result of over the past year a 15% cut in Coast Guard program budget. Travel “caps” established impacted all travel. More than a 40% cut in travel budget (Trust Fund impacted even more). Tough decisions ahead as we try to maintain our program and level of service. The program will be looking to enhance electronic communications i.e. Webinars, and Go To Meetings.

In 2012 The Sport Fish Restoration & Boating Trust Fund authorization was extended by Congress through September 2014. Great news, but already time to work on the next legislative proposal, New Administration proposal going through final approval process now. Continuation of the program is essential to our mission.

Captain Rokes updated the audience on the U. S. Coast Guard Headquarters move to St. Elizabeth's location across the river from current location, near Bolling Air Force Base. CG-BSX expected to move September 5, 2013.

A review was provided of the 2011 Recreational Boating Statistics which offered some success and some concerns. The 758 fatalities were the highest in 13 years, however the 3081 injuries reported were the lowest on record. 2012 Statistics Preliminary data shows that fatalities are significantly down and may set a new record low number, it looks like incidents and injuries are comparable to last year, and property damage has yet to be determined.

Captain Rokes also provided an update on the National Recreational Boating Survey largest most comprehensive boating survey ever. 2011 results are in. Extraordinary numbers were realized: a. Over 54,000 completed surveys-massive sample size; b. Over 22 million recreational vessels; c. Over 73 million boating participants of all ages; and d. Nearly 3 billion exposure hours-soon to become our national measurement in boating safety-deaths and casualties per 100 million exposure hours

The 2011 Report on NRBS is complete. The entire report is posted on our website: uscgboating.org. 2012 data has been collected and is being validated. Captain Rokes also stated that the U.S. Coast Guard is reassessing the design of the survey in an effort to streamline it and reduce some costs if possible. A team will soon be created to assist us in this endeavor, as the data gathered in this survey will

undoubtedly be instrumental to the future success of the Program. The data from it will be setting the new future performance goals for us all.

Captain Rokes also provided an update to the Strategic Plan. He was happy to report that there are 28 Implementing Partners now onboard. He went on to say if your organization is not an implementing partner consider joining the team, and attend the sessions here at the summit and see what you can take away and implement in your home areas.

Captain Rokes provided the following Legislative, Regulatory & Project Updates:

- Life Jacket Wear Requirement based on NBSAC resolution – Coast Guard leadership now determining the way ahead, significant consideration ongoing among our leadership. Other Life Jacket news: progress is moving forward quickly on the North American Life Jacket Harmonization Standard doing away with life jacket types. Simply be “USCG approved” PFDs.
- Federal Mandatory Boat Operator Education – NBSAC has twice recommended. Proposals submitted to congress for consideration without success. We will continue to propose this concept to Congress as it would fulfill the need to enhance uniformity and quicken the phase in of this requirement on all powerboat operators.
- Emergency Locator Beacons – NBSAC recommendation to Coast Guard require recreational vessels operating more than 3 nm off shore to carry. Multiple Coast Guard Offices evaluating and analyzing potential benefits and costs. Research to date indicates a positive benefit, particularly in SAR savings. Thus, this proposal is being provided to CG leadership this year.
- Prop Strike Avoidance-Engine Cut Off Switch Requirement – ANPRM was published in 2011. We have received the results of that study and are currently evaluating and analyzing to determine the way forward
- Accident Reporting System – Rule Making project has been initiated to revise the federal accident reporting requirements/system.
- Titling Project – Rule Making Project has been initiated to update USCG vessel titling regulations. Based on the model provided by the Uniform Certificate of Tilting Act for Vessels (UCOTA-V).

Forever 15: Tragedy on the Water
Presented by Madeline Morgan U.S. Army Corps of Engineers (USACE) on behalf of Elizabeth Anderson, USACE; Randall McCartney, USACE; Jeff Wilhelm, Waco Fire Department; and Sara Mynarcik, Bosqueville Secondary School

Due to a previous drowning at Waco Lake in 2011, the concept for the “Forever 15” program was developed by two of the U.S. Army Corps of Engineers Park Rangers, Elizabeth Anderson and Randall McCartney, who

MONDAY, MARCH 25

– GENERAL SESSION –

work at Waco Lake. They had seen “Shattered Dreams,” a program developed for teens on the results of drinking and driving, and decided to develop a scenario similar to this for swimming beyond one’s limits at a lake. They recruited a host of volunteers who work in Waco and also deal with drowning events.

They reached out to several schools in the Waco area to see who would be willing to allow their students to be involved. Finally, the Bosqueville Independent School District agreed. Bosqueville is a small school district within the Waco vicinity. Once the school was determined, then students along with parents were recruited to participate in the program. The students were tested on their swimming ability by the local YMCA to identify who would be best for the leading roles.

Pre-filming was conducted a week prior to the event with just enough to show the students who would go to the site on the day of the event. The film that was shown at the International Boating and Water Safety Summit was the entire film with the pre-film and the final scenario involving arrival of the students at the site, and then the responders. When the responders arrived, the film shows them going into action attempting to search and rescue the victim. Soon it was determined that it was a recovery. The student actors with their families were playing in the water and played exceptional roles. The mother of the drowning victim started screaming which made the event even more real. The video carried through the recovery to loading the victim into a hearse at the site.

The filming was done and produced by the Waco High School. There was no actual budget for the video or event, but was the action of many volunteers. Volunteers included: Waco Fire Department, the Heart of Texas Regional Advisory Council (HOTRAC), Hillcrest Hospital, Woodway Department of Public Safety, Waco ISD, Lakeshore Funeral Home, Emergency Management, East Texas Medical Center EMS, U.S. Army Corps of Engineers, YMCA of Waco, Bosqueville ISD, McLennan County Justice of the Peace, Texas Parks and Wildlife Department Game Warden, Waco Fire Department Water Rescue, Waco Police Department Victim Services, Waco Police Department, AirEvac along with the student actors and their parents.

The film depicted what could be an actual event of someone swimming beyond their ability and then having to be recovered. The film showed the reaction of the families, friends and the rescue and recovery personnel.

This Forever 15 presentation was followed up by a breakout session on Tuesday, March 26.

Strategic Plan Initiatives Update **Cecilia Duer, Vice Chair and Outreach Coordinator, Recreational Boating Safety Strategic Plan of the United States Coast Guard**

Cecilia Duer gave an update of the current Strategic Plan Implementing partners and their activities.

For additional information on the Strategic Plan please visit www.uscgboating.org and if you are interested joining us in our mission as an Implementing Partner of the Plan contact Barry Nobles of the USCG in Washington at his email address: barry.p.nobles@uscg.mil

Stand Up Paddleboarding – National Education Curriculum and Legislation Update

Chris Stec, ACA/Canoe – Kayak – SUP – Raft – Rescue

The ACA’s National Paddlesports Instruction Program is recognized as the primary resource for paddlesports education across the country and abroad. This presentation provided an overview of the current SUP Educational Program as well as focused on the important topics of lifejackets and leashes. These two ‘L’ words are being discussed from the water’s edge to the halls of Congress. The ACA provided an update on the latest legislation.

During the open discussion portion of the presentation, there was an opportunity for everyone to provide feedback and comments on:

- Lifejacket wear
- Leash wear
- Entry level courses
- Advanced (ocean surfing and whitewater) courses
- All ideas and suggestions were welcome!

The “Wear It!” Campaign: Two Little Words Making a Big Difference **Rachel Johnson, National Safe Boating Council (NSBC)**

The North American Safe Boating Campaign (Wear It!) plans its outreach and education efforts so that it directly relates to the Strategic Plan of the Recreational Boating Safety Program (2012 – 2016), specifically Objective 2 – Boating Safety Outreach and Objective 4 – Life Jacket Wear.

Each year, boating safety advocates work together to create a safety culture. The Wear It! campaign focuses on the importance of life jacket wear at all times while boating.

The Wear It! campaign focuses on two main ways to reach the recreational boating public: through national outreach and through localized efforts. The campaign is producing two mailings to be sent out before National Safe Boating Week and offering its “Casting Off” public service announcements. The PSAs are available as a :15 video and :30 video, three :10 radio spots and two print ads. The NSBC is also working with GEICO to potentially create a new audio PSA for 2013 using the GEICO Gecko spokesperson.

The Wear It! campaign also works directly with state agencies and organizations to help promote life jacket wear on a grassroots level.

The campaign continues to utilize social media to reach additional audiences. Facebook is a great way to showcase different stories, including “Saved by the Jack-

MONDAY, MARCH 25

— GENERAL SESSION —

et” stories on the day they happen. Twitter is also a great way to reach out to others and helps to create conversations and engagement about the Wear It! message.

For 2013, the campaign will host Wear Your Life Jacket to Work Day on Friday, May 17, 2013 and “Ready, Set, Wear It!” Life Jacket World Record Day on Saturday, May 18. This year, events throughout the world will try to break the record of 3,993 participants from 2012. In total, nearly 7,000 people (and dogs!) have participated in “Ready, Set, Wear It!” since its first attempt in 2010.

Wear It! will be providing campaign resources and funding to support campaigns on a local grassroots level for the second year. In 2012, the campaign received 22 applications and chose 12 groups to receive support. In 2013, 57 applications were received and the judging panel is currently reviewing them to select this year’s recipients.

The campaign also offers free and paid resources at BoatingOrders.com for others to use at their local events.

In 2012, Wear It! conducted a phone and online interview to gather measurements on the success of the life jacket message. Life jacket usage increased among those who signed the pledge immediately and continued at a higher level of compliance a year later. This was true for both recipients and non-recipients of free life jackets. Participants believe the campaign was effective, regardless if they received a free life jacket or not.

Also in 2012, the campaign followed media reports to identify 110 stories that highlighted people being saved because they wore a life jacket. In total, the stories reflected that 370 people were wearing life jackets when rescued in 2012.

For more information on the Wear It! campaign, visit SafeBoatingCampaign.com or contact Rachel Johnson, Communications Director, at outreach@safeboating-council.org.

On-Water Standards Development Update/ NASBLA Standards Update - What’s the Difference

**Pam Dillon, National Association of State Boating Law
Administrators (NASBLA);
Brian Dorval, Think First Serve, Inc.**

This presentation reviewed two independent and voluntary standards-setting processes to address recreational boater education and skill development in the United States. These two approaches, facilitated by the National Boating Education Standards Panel and second, the National On-Water Instruction Standards Team, will ultimately be included within the US Coast Guard’s vision of a comprehensive National Systems of Standards, organizing and integrating Classroom-based education and On-Water skill-based instruction standards associated with safe and enjoyable recreational boat operation.

Both processes advance the National Recreational Boating Safety Strategic Plan, addressing Objective 1 – Safety Education Certificates and Successful Course completions, and Objective 3 – Advanced and/or On-Water, Skills Based Boating Education.

The National Boating Education Standards serve as a guide for state, non-profit and commercial providers. Over 2-million course completion certificates have been awarded from NASBLA-approved courses over the past 5 years with over 456,000 awarded in 2011. Overseen by the Education Standards Panel, the dual objective is to implement a consensus-based process in conformance with American National Standards Institute Essential Requirements and to review, develop, revise, and promulgate the existing Standards based on risk assessment, boating accident and participation data, research studies, and scientific resources.

To that end, the Panel launched the EZ-ESP web tool (<http://esp.nasbla.org/esp/>). During the initial 90-day ‘Call for Proposed Revisions’ period (ending mid-February), 120 technical and editorial comments were collected via the site regarding the existing Level 1 - Basic Boating Knowledge Standard. The Panel is disposing of each comment by one of three options: “Accepting,” “Accepting in Principal,” or “Rejecting with Comment.” Once every comment is considered, a Revised Standard DRAFT will be posted for additional public comment.

Extensive work has been done to develop, educate and train recreational boat operators, much of which has focused on classroom education. Since there are currently no nationally recognized standard for On-Water (hands-on) training, an initiative was begun to fill the gap associated with On-Water, skills-based boating education identified in Objective 3. A core team of 43 Subject Matter Experts (SMEs) in On-Water skills-based training has been formed to develop national consent-built standards for entry-level skills in SAIL, POWER and HUMAN domains of recreational boating.

Standards (and Rubrics used to assess performance of those standards) go through a 4-version process of national validation both on paper and in the field. Versions 3 and 4 are developed through a National Validation Program in which the standards and rubrics are field-tested at six venues around the country. Entry-level operators demonstrate the standards and rubrics in a boat while underway. Instructor-level individuals observe the operators in action and evaluate the effectiveness at which the standards and rubrics identify the quality of the boat operation being observed.

Since the project was initiated in June 2011, the SME team has developed 38 POWER Standards and Rubrics which are currently being field tested, as well as a set of 54 SAIL Standards and 29 HUMAN Propelled Standards that are being content validated on paper nationally. To

MONDAY, MARCH 25

— GENERAL SESSION —

date, over 600 people have been involved in the development of the On-Water Standards.

Vessel Point of Sale Project Update

Fred Messmann, NSBC; Cecilia Duer, NWSC

The National Water Safety Congress and the National Safe Boating Council presented a brief overview of their Point of Sale Training Programs for Marine Industry Professionals. Each grant was presented in more detail during the breakout sessions on Tuesday and Wednesday.

International Presentations: An Update from our Global Partners including Japan and Canada

WSIA's Water Sports Foundation

Jim Emmons, Grant Administrator and Glenn Hughes, Group Publisher, Bonnier Corp.

The Water Sports Industry Association (WSIA) was able to present in general session a status report on the non-profit work of the Water Sports Foundation (WSF). The WSF received a federal grant from the U.S. Coast Guard in 2011 and 2012 to produce a national outreach program addressing recreational boating safety. The campaign was to support already established topics of BUI, Navigation Rules, Life Jacket wear rates and Boater Education.

The WSF selected the world's number one marine publisher, Bonnier, to partner with us on this campaign. Glenn Hughes, Bonnier Senior Group Publisher, and Jim Emmons, Water Sports Foundation President, were given time to present an outline and overview of the work completed to date.

With over 56 million impressions logged to date, it became obvious that this program was a success and viewed as "moving the needle" on recreational boating behavior.

Bonnier represents over 15 marine labels as well as non-endemic labels such as Parenting and Field and Stream. Print ads, webisodes, banner ads, kid's games, quizzes and a host of other platforms were used to convey messages on recreational boating safety.

Bonnier also engaged its research arm to monitor the results of these ads. The first thing Bonnier did two years ago was to establish a baseline. Once established, they were able to monitor all new initiatives to see if their work was working.

In addition to this, the Chad Sharpe video was shown to a very appreciative audience. Chad had a near drowning incident several years ago and this video made a huge impact with the audience. The video offers another compelling reason to always wear your life jacket when engaged in towed waters sports.

We're from the Government and We're Here to Help!

Ed Huntsman, U.S. Coast Guard (USCG) 8th District

RBS specialists serve as the Coast Guard liaison to state boating law administrators and others within their Coast Guard District; the one person on a district staff that anyone can easily contact directly. Contact may involve operations, planning, emerging RBS issues or investigations. The RBS Specialist may coordinate a response or interaction with another appropriate Coast Guard unit or officer to resolve an issue or coordinate an event or activity. They also assist BLAs with initiatives pertaining to safe boating legislation and as sounding boards and subject matter experts or advisors on matters concerning general boating safety, interpretation of federal regulations, requirements, and rulemaking.

Exceptional subject matter experts because of their specialized background, they are the glue that binds the RBS program together within each unique Coast Guard District. Knowing who yours is, and how they can help you will make your job easier and the nation's RBS effort more effective.

Behind the Scenes of the San Antonio Riverwalk

Robert B. Kauffman, Frostburg State University

San Antonio's River Walk is considered to be a "Crown Jewel." It was not always that way and they had to overcome major infrastructure issues to make the River Walk successful. The presentation was a behind the scenes tour of the issues and infrastructure that are not normally covered as part of the scenic boat tours.

Some of the highlights of the presentation are that the River Walk is 3.5 miles in length and is supervised by the Recreation Department. It was the vision of Robert H. H. Hugman and it was the result of his perseverance. His vision serves as the prototype for other parks across the country. Built in the 1930s, the River Walk was relatively unused until the 1960s when a changing economy and the 1968 HemisFair Worlds Fair helped to popularize the River Walk. Today, the River Walk infuses over a billion dollars into the economy each year.

As with any river, floods are an eventuality, and they pose a potential problem for the infrastructure located in the flood plain. In terms of engineering, the flood control measures are significant infrastructure improvements. The most notable improvements were the river bypass and flood gates that allowed the river to bypass the downtown oxbow portion. The second improvement was the construction of the 24 foot in diameter flood tunnel underneath San Antonio that can carry up to one half of the known flood waters in the San Antonio River.

In summary, the behind the scenes tour helps to explain why the River Walk is the "Crown Jewel" of Texas.

TUESDAY, MARCH 26

— BREAKOUT SESSIONS —

NWSC “Boat Safety Point of Sale” Presentation Cecilia Duer, NWSC Executive Director;

Ted Rankine, Play Safe Productions USA/Canada

The National Water Safety Congress, having been awarded a grant from the Sport Fish Restoration and Boating Trust Fund administered by the United States Coast Guard Office of Auxiliary and Boating Safety, presented an update on the launch of their project: Vessel Point of Sale, “Effectively Marketing Boating Safety Equipment, A Marine Point of Sale Training Program.” ©

The web based “Boat Safety P.O.S”© is an educational tool for all marine retailers. This program is designed to provide an educational overview of federally required safety equipment and information about how to ensure that marine suppliers can make their customer aware of what is required to have on board. The program is comprised of short video modules each outlining a category of U.S Coast Guard required safety equipment. The teaching modules are hosted by John Lane, a nationally acclaimed marine sales trainer, product users receive an overview of both information and tips on how to effectively market each item. In addition to the federally required safety equipment, additional modules have been created. As a bonus, John Lane will also provide a variety of point of sale tips to help you ensure your customer gets the equipment they need.

To help gauge knowledge attained, a self-assessment feature accompanies each module. At the completion of the entire program, a certificate attesting to the fact the necessary knowledge to effectively market marine safety equipment has been acquired will be available to download. The certificate acknowledges that the sales team are certified “Boat Safety Point of Sale Specialists”. Finally, with registration on this site, additional

effective materials will also be available. Guests of this breakout joined us and learned more about the launch of this website for the marine industry, retailers and manufacturers. We were proud to showcase one of our best products yet and we are proud also to share this with our partners with the hopes that they will also carry the information about this tool to the retailers / manufactures dealing directly with selling safety to the general public, in their areas. For more information please contact us: Director@watersafetycongress.org.

What Recreational Boating Instructors Need to Know About Rescue 21

Tim Caufield Ph.D., USCG Auxiliary

Tim Caufield provided an update of the now-operational Rescue 21 system, the Coast Guard’s advanced search, rescue, and direction-finding communications upgrade. The system utilizes modern VHF-FM marine Digital Selective Calling (DSC) radios (ideally interfaced with the boater’s own on-board GPS chartplotter or navigation unit), along with enhanced US Coast Guard shore-based direction-finding capabilities, to rapidly identify the source of distress calls. In development since the 1990s, the system was created to more efficiently save lives and property on the water, by reducing the time required to determine the location of the boater in distress and to direct assisting resources to them more quickly. Covering over 41,000 miles of coastline, the Rescue 21 system is now operational along the Atlantic and Pacific coasts of the continental United States, coastal Alaska, the Great Lakes, Hawaii, Puerto Rico, and Guam. Plans are for a modified version of the system to be extended into inland and Western Rivers areas of the United States by 2017.

A special thank you to the Texas Parks & Wildlife Department for their warm Texas welcome and support for the 2013 Summit!

Texas BBQ



TUESDAY, MARCH 26

– BREAKOUT SESSIONS –

Those involved in boating safety instruction (e.g. US Power Squadron, US Coast Guard Auxiliary, and state boating course instructors) can play a major role in informing recreational boaters as to capabilities of the system, and how the boater can trigger the system in an emergency. Equipment provided by Standard Horizon was available to allow hands-on demonstration of the use of marine VHF-FM radios to access the Rescue 21 system. Participants were also able to practice the use of such equipment in a non-emergency situation, as familiarity with such equipment is more likely to lead to promotion of the use of such equipment with our students (In much the same way we promote taking part in practice of fire extinguisher use at local fire department demonstrations, so that a true emergency situation is not the first time a student has the opportunity to use an extinguisher).

The Paddlesport Perspective: Effective Paddlesports Risk Management

Chris Stec, ACA/Canoe – Kayak – SUP – Raft – Rescue

The ACA gave a presentation and discussion on how to develop your “critical eye” for paddlesports program risk management. This presentation helped give you a new look on paddlesports program risk management and develop some actions items for your program as you look at the ACA National Paddlesports Program. Get a new angle on paddlesports risk management for participants, staff and the program.

This program used the ACA National Paddlesports Program to help provide real world examples of the theories so often discussed with regard to paddlesports program management and risk management. The ACA has 40 years of experience certifying paddlesports instructors, trainers and educators and is recognized as the industry standard for paddlesports education, instruction and safety.

Maximizing Your Water Safety & Drowning Prevention Efforts

**Anna Stewart, Drowning Prevention Coalition
of Palm Beach County**

The goal of the presentation was to allow attendees to take the presented information and enhance water safety education within their own communities. Specific water safety and drowning prevention education ideas for all age groups was discussed, along with how to cultivate partnerships with key stakeholders as well as how to establish a volunteer base.

A brief explanation of the Drowning Prevention Coalition's (DPC) funders, unique management situation, and its overall responsibilities along with specific drowning statistics from Palm Beach County from 1997-2011 was revealed. Next, the DPC's mission and ways

in which the mission is accomplished were discussed. Specific examples were provided in order to convey how to make water safety and drowning prevention fun to learn for all age groups in both small group and assembly formats. Details were shown on how to accomplish this task by utilizing attractive displays, teacher and student involvement, visual aids, arts and crafts, videos, and games. Particular attention was given to educating teenagers and adults on how to escape a sinking vehicle. Both groups find this particular topic interesting and relevant.

Subsequently, how to establish public/private partnerships with key stakeholders was addressed by exposing the DPC's own partnerships with the American Red Cross, Medical Examiner Office, School District, County Health Department, Florida Swimming Pool Association, law enforcement, media, hospitals, pediatrician offices, Coast Guard Auxiliary, Fire Rescue, and US Army Corp of Engineers.

During the conclusion of the presentation, ways in which to develop a volunteer base were offered. With the DPC having a staff of only two people, volunteers play a critical role in the Coalition's success in disseminating water safety and drowning prevention information to the public. The DPC shared how its volunteer base has flourished by finding people who have been personally affected by a drowning or near drowning incident, by finding area high school and university students, parks and recreation staff, tapping into the senior population, area Junior League, social media, and simply asking people for help.

Vessel Safety Check Data Collection

William “Griz” Griswold, United Safe Boating Institute

The VSC Data Collection pilot program began with the Strategic Plan's Objective 8, Operator Compliance. Responding to this objective, the Engineering Reporting & Analysis Committee (ERAC) of the National Association of State Boating Law Administrators (NASBLA) developed their Charge to conduct an analysis of data derived from efforts to capture reasons a boat failed a Vessel Safety Check (VSC). The United Safe Boating Institute (USBI) took on the project funded by a grant from the Coast Guard's non-profit grant program. USBI is an umbrella organization for six parent organizations, two of which, the Coast Guard Auxiliary and the United States Power Squadrons perform VSC's throughout the nation.

It was hoped that by collecting this data, an analysis would reveal what degree of non compliance with carriage requirements resulted in accidents. Since no direct correlation could be made, statistical comparisons would have to suffice. Other reports listing non compliance were examined and found lacking, the VSC was both a standard examination of a boat, and performed throughout the nation. Only reasons a boat failed would

TUESDAY, MARCH 26

– BREAKOUT SESSIONS –

be recorded, although reported numbers could be compared with actual reports to determine validity.

Using the 15 legal items listed on the standard VSC Report, form 7012, USBI developed a web page to allow Auxiliary examiners to enter the page, use a point and click method to record discrepancies, and submit the form to a data base. Additional information, such as the date and state where the exam was done, type of water the boat is used on, length of the boat, and organization submitting the record were also included. The data base is put into an EXCEL program and updated quarterly and posted on the web page. Originally the pilot program was to focus on six states, however, USPS sent data for all of their exams, so USBI asked the Auxiliary to follow suit.

Initial analysis of about 3500 failed exams revealed some surprising statistics. USPS noted that 18% of their failures included fire extinguisher discrepancies. On the other hand, the Auxiliary reported higher deficiencies with Navlights and visual distress signals. Larger vessels seemed to have more discrepancies than smaller ones, and probably an area to study is visual distress signals for boats on inland waters. This may be an indication of the need for more training of examiners, or clarification of state and local regulations regarding VDS. Another problem seemed to be some failures reported weren't a violation, again indicating more training.

Other interesting facts turned up, and the study will continue until the summer of 2014. It's hoped that we'll see an increase of reports and a better data base on which to base analysis.

Ancillary Use of the Vessel Safety Check Process as a Tool for Tactical Profile Measurement and Interactive Hands-On-Training

Chris Castelli, Clay County Sheriff's Department; John Russette, volunteer Clay County Sheriff's Department
Background

Recreational boating education today is typically delivered in one of three modes: 1.) Classroom instruction – a Boating Safety class; 2.) Vessel Safety Check (VSC) – a static recreational boat examination to verify the presence and condition of Safety Equipment required by State and Federal regulations; or 3.) Punitive measures – citation by law enforcement. This proposal employs the VSC process to carry out ancillary functions. The first involves instructional learning in the boater's environment or Hands-On-Training at the ramp, in real-time. In academic terms, this cognitive behavior model addresses dysfunctional behaviors through a goal-oriented systematic approach (the VSC interview). The second function of the VSC is to use it as the basis for a tactical profile measurement tool. Simple data mining is enabled via VSC checklist information. Analysis techniques are also

simplified using "add-ins. These are small programs that work from within a larger application program, to enable user-friendly data evaluation and presentation tools. Today, add-ins are used extensively by casual users in collecting, testing and presenting primary data, applying existing desktop programs such as Microsoft Excel® in profiling exercises to discover patterns or correlations in large quantities of data without relying on the services of professional statisticians.

Results

The Clay County (Florida) Sheriff's Office Marine Unit and USCG Auxiliary employed interactive Hands-On-Training and a tactical profile measurement tool for National Safe Boating Week (NSBW) exercises. Summaries of findings were prepared and process improvements conveyed. One example showed a high statistical correlation between "Vessels with one or more deficiencies of the 15 VSC items (variables) and boaters not having attended a NASBLA approved boater Safety Class." This conclusion foreshadows The USCG Recreational Boating Statistics 2011 finding: "Only eleven percent of deaths occurred on boats where the Operator received safety instruction." Participating VEs engaged in instructional conditioning by discussions held with boat operators. Observations revealed that when a deficiency was noted and a correction suggested boaters generally responded they were not aware of the deficiency and would take immediate action to correct it. This is a form of learning (operant conditioning) in which an individual's negative behavior (or VSC deficiency) may be changed in form, frequency or strength.

Conclusion

When patterns or correlations are used to identify or represent people, they are referred to as profiles. Profiling using VSC data is a simple ancillary activity to existing courtesy VSCs to discover recreational boater behaviors or compliance patterns (or correlations). Results are derived from local recreational boaters (a reliable stratified data base) and the VSC form (survey instrument) administered by trained volunteers (VEs). Current bestseller *The Power of Habit* hypothesizes the human behavior loop can be interrupted. Can negative boater behaviors, then, be interrupted by the Vessel Examiner? Human behavior studies suggest behaviors are the result of prior habit forming actions that, over time, are performed with little thought. A cue (boat being launched), and routine (boat operation) is often a self-taught behavior that becomes a habit, performed without much thought. Once a habit is established, the loop consists of cue, routine, reward, cue, routine, reward, becoming an automatic activity performed with little conscious thought. When a VE interrupts a negative behavior loop at the boat launching site and performs interactive Hands-On-Training through the VSC exercise, the negative behavior loop

TUESDAY, MARCH 26

— BREAKOUT SESSIONS —

or routine can be altered into a new, positive boating behavior. Behavior research shows that negative (boater) behavior is reinforced and strengthened until a modification is introduced, resulting in a positive experience, as done by the VE at the boat ramp.

RBS In-Network

(Recreational Boating Safety Instructor Network) (BoatingInstructorNetwork.org)

Virgil Chambers, NSBC

The National Safe Boating Council (NSBC), with support and sponsorship of Walsh Marine Products and input from a team of boating education advisors, has developed the first national web tool for boating safety instructional resources and requests. Although it is more evolutionary than revolutionary, RBS IN-Network (Recreational Boating Safety Instructor Network) was developed to provide a forum to exchange information regarding effective teaching techniques, products, audio visual and other resources used in both formal and informal boating safety program.

This was the second year this topic was presented. At last year's Summit it was just an idea, but through the input of those that attended the session a plan was put into motion. This second year we are preparing for a major roll-out in late spring.

During this session, discussion further developed the WIKI-formatted section where instructors can exchange and post new ideas to advance education and training. At site launch, the National Boating Education Standards serve as a template for the WIKI-formatted section. Each section of the standard can be used as a foundation to add ideas and information to most effectively present key information needed for every NASBLA-approved boating safety course. Also discussed was the format of the Instructor Directory, where you can self-register as an available instructor or mentor, resulting in an Instructor Directory, a database and national level registry of RBS instructors not currently available in this growing community of recreational boating safety programs. We believe these connections will provide leadership and guidance to new and novice instructors who wish to grow in the field of boating safety education and training. There will even be a section in the Instructor Directory for international RBS instructors.

Those who attended the session commented on the simplicity of using the site, no log-in required to gather or post information other than for posting or changing information on the WIKI-formatted section. It was the general consensus of those in attendance that the RBS IN-Network will offer a much-needed forum for discussion, exchange of information, and promotion of ideas to enhance the level of education and professional recognition within the RBS educator community. It is desi-

gned to be a place for instructors to connect to course providers and credentialing opportunities in recreational boating safety professional programs. It will also provide a site where agencies, organizations and companies can connect with expertise needed to conduct programs to fulfill training or in-service needs at their places of business.

The RBS IN-Network web site is designed to be user friendly, interactive, and will serve multi-platforms (accessible by tablet, smart phones, IPads, etc.) at no charge to the user, thanks to Walsh Marine Products and to the volunteer-based boating safety educator advisory group whose concepts guided the design and capability of the site.

In closing, Virgil Chambers stated "I wish to thank the RBS IN-Network Instructor Advisory Group who supported this idea and offered numerous suggestions on how to proceed. Your input is greatly appreciated. Don't stop providing input! We have a ways to go to make this site all it can be, but we're off to a great start. We hope instructors will find this web site developed for them useful."

For more information, resources, and to register as an instructor on the Directory, go to: BoatingInstructorNetwork.org.

The Joshua Collingsworth Memorial Foundation (JCMF): Drowning Prevention Through Early Education with Josh the Otter

**Kathy Collingsworth Director and Founder of JCMF;
Laura Thomas JCMF Projects Manager**

The Joshua Collingsworth Memorial Foundation team presented on the importance of early education to children about water safety through the foundation's book, "Josh the Baby Otter." They discussed how the book provides a fun lesson discussing the life-saving messages to "never go around water unless with an adult" and to "always swim with a buddy". Attendees were introduced to research that discussed how educating young children could change the safety behaviors of the entire family. The presentation also included staggering drowning statistics, including the Center for Disease Control and Prevention's research that drowning is the leading cause of unintentional death for children under the age of five and the second leading cause for all children under 14. JCMF was created in honor of 2-year-old Joshua Collingsworth who died from a pool drowning in 2008. The foundation outreaches nationally and internationally to individuals, businesses, government agencies, and organizations to become "partners in prevention." Attendees were invited to participate in the foundation's "National/International Otter Spotter Day" on May 6th to raise awareness by promoting May as National Water Safety Month.

TUESDAY, MARCH 26

– BREAKOUT SESSIONS –

Forever 15 Tragedy on the Water

Madeline Morgan, USACE on behalf of Elizabeth Anderson, USACE; Randall McCartney USACE; Jeff Wilhelm, Waco Fire Department; Sara Mynarcik, Bosqueville Secondary School

Please see Monday's General Session for information for Forever 15.

The Water Sports Alert Network

Larry Meddock, Water Sports Industry Association

The WSIA was asked to make a presentation during the Law Enforcement breakout. During this time we showed the three new videos that have been produced to aid Law Enforcement in a better understanding of the varied activities that any law enforcement officer might come across on his or her next patrol. WSIA has produced videos on Wakeboarding, Wakesurfing and Tubing. We received great feedback on the next topic for a new video that would be geared to the consumer on proper boating etiquette for the towed water sports user.

LUNCH AND ON-THE-WATER EVENTS HELD AT SEA WORLD

(See inside back cover for photos of the events.)

Following lunch, all attendees reported to the Ski Stadium where they witnessed the following presentations:

Powerboat Operation National Standards Validation Demonstration

Larry Meddock, Emcee

Brian Dorval; Dick Allsopp; Joy Hadely and Joanne Dorval, On-Water Grant Management Team; On-Water Subject Matter Experts (SMEs)

This presentation provided a 30-minute demonstration of the approach being used in a national validation program designed to field test a set of standards and rubrics that have been identified for entry-level powerboat operation. This work takes place as part of the USCG initiative to develop a consensus-based National System of Standards for Recreational Boat Operation. With the help of a narrator, the audience observed an abbreviated experience in which Rubrics Evaluators directed a boat operator through a series of powerboat operations designed to test how well the standards and rubrics define what it takes to safely operate a powerboat at beginner skill level. Joanne Dorval and Joy Hadley were on-land answering any questions about the On-Water Standards Validation Project.

WSIA Wake Boarding

Larry Meddock, Emcee

Chad Sharpe, Professional Wakeboarder

The WSIA presented Chad Sharpe for an on water demo at Sea World. Attendees were able to see this

world class athlete perform in the Sea World arena with some special folks invited to ride along in the boat to see the action "up close and personal." After the demonstration, Chad was available for questions and answers.

A note from Julie Brown, Maryland Natural Resources Police, Safety Education Section, regarding Chad Sharpe and his safety message:

"I thoroughly enjoyed the opportunity to ride in the wakeboard boat that afternoon at Sea World! Chad was an incredible boarder and his story was pretty incredible as well. It's amazing how quickly something can happen when you least expect it. And it always seems to happen when you're most comfortable with whatever it is you are doing. 'Nothing is going to happen to me! It never has in over so many years!' I saw in Chad's eyes how his accident has made him realize that wearing a life jacket is never again going to be a second thought. It will always be number one for him from this point on. Thankfully his story didn't end up in tragedy as so many do. I believe that he can be an excellent role model for spreading the message about the importance of ALWAYS wearing a life jacket."

FlyBoard Demonstration

Bobby Vance, Aquaflly Austin

The FlyBoard is an accessory that attaches to the jet discharge of a Personal Watercraft (PWC). It uses 100% of the discharge water to power the unit. Aquaflly Austin uses SeaDoo SE155 Jet Skis in their operation. The unit can be flown 38 feet above or below the surface of the water. It is powered by a 155 HP Marine Engine that pushes water up the 45 foot hose at over 1,000 GPM. It generates over 400 pounds of thrust at over 60 PSI. A 350 pound man can fly over 20 feet high. Since it is considered extreme sports gear, it MUST be used under the direct supervision of a FlyBoard Certified Instructor and all of Aquaflly Austin instructors are CPR, First Aid, AED and Life Guard Certified. The unit is in use worldwide and there have been no reported injuries to date.

FOLLOWING THE GROUP PRESENTATIONS, ALL ATTENDEES DIVIDED INTO FOUR POD AREAS.

Each presentation repeated every half hour for a total of four times.

Stand Up Paddleboard: Get the "Scoop" from the ACA!

Chris Stec and Jim Virgin, ACA/Canoe – Kayak – SUP – Raft – Rescue

The type of stand up paddleboard a person buys directly relates to whether or not they can self-rescue, or be easily rescued by professionals. The ACA's Safety Education & Instruction Department gave first-hand

TUESDAY, MARCH 26

— BREAKOUT SESSIONS —

experience on the pro's and con's of SUP selection and the intricacies of rescue. They presented how certain styles of SUPs actually present a hazard for rescue, even in flatwater! Question/answer sessions and hands-on crowd participation were active.

Cold Water Boot Camp USA and Beyond Cold Water Boot Camp Boot USA Rescue, Recover and Rewarm

**Jerry Craddock, NWSC National Coordinator;
Brian Davidson, NWSC Region 1 Vice President and Instructor**

The National Water Safety Congress was able to present in a nice intimate small group forum, cold water immersion prevention and survival information from their signature DVD products: Cold Water Boot Camp USA and Beyond Cold Water Boot Camp USA Rescue, Recover and Re-warm.

Jerry and Brian presented IBWSS attendees the 1-10-1 cold water survival principle.

They reminded attendees that if you are accidentally immersed in cold water, anything under 70 degrees, and a victim is not wearing a life jacket, you may have ONE minute to gain control of your breathing. You may have approximately TEN minutes of meaningful self-rescue movement before your core body temperature begins rapidly decreasing. And, you may have approximately ONE hour before becoming unconscious and ultimately succumbing to hypothermia. All survival is also dependent on water temperatures as well as wind and current conditions as well.

Survivability in these cold-water conditions, is greatly increased if you are wearing a life jacket. Attendees were able to try on cold water survival suits, and showed approaches used to rescue a cold water victim by using a rescue sling, recovering the victim with slow, horizontal and careful handling technique and placing a victim in a professional re-warming blanket.

For more information on professional protocols, equipment, curriculum for courses available in any area of the country as well as downloadable educational tools visit: www.coldwaterbootcampusa.org

WSIA Wake Boarding

The Water Sports Foundation, a sister and 501c3 non-profit arm to the Water Sports Industry Association (WSIA), presented a follow up on to their video presentation provided to attendees in the General Session on Monday.

A Super Air Nautique boat was used as the tow vessel for Chad Sharpe. Seating on the boat was open for active participation from attendees. This was a great chance to get on the water in a tow vessel, and experience what it takes to provide the watercraft and crew for a championship wakeboarder.

National Safe Boating Council Resources

Rachel Johnson, NSBC

The National Safe Boating Council (NSBC) presented during the On-Water portion of the 2013 International Boating and Water Safety Summit (IBWSS). Because of the station-type setup and the time constraint, the NSBC decided to focus on one of its programs that would include its Wear It! campaign and a helpful product that many IBWSS attendees may find useful for their own education and outreach efforts.

Rachel Johnson, communications director for the NSBC, used the Inflatable Life Jacket Education Kit to talk to attendees. The kit itself includes a flip chart, a suspender-style inflatable life jacket, belt pack inflatable life jacket, a DVD based off the flip chart that runs approximately 7:00 minutes, and extra cylinders for demonstration purposes, all inside one bag to easily take to different boating safety events and classes.

Rachel went through the flip chart, noting the differences between inflatable life jackets and inherently buoyant life jackets and the unique characteristics of an inflatable life jacket. At the end of the "presentation," Rachel answered questions asked by attendees. She also had one or two volunteers inflate the life jackets during each session – for many of them, it was their first time inflating a life jacket! There's no better learning opportunity when it comes to inflatable life jackets than to have people actually inflate them.

For more information on the Wear It! campaign and its efforts to promote life jacket wear and boating safety, visit SafeBoatingCampaign.com.



WEDNESDAY, MARCH 27

— BREAKOUT SESSIONS —

Women as the Influencer in Boating Safety Behavior **Barbara Byers, Lifesaving Society; Ted Rankine and** **Stephanie Rankine, PlaySafe Productions**

Canadian Safe Boating Council (CSBC)/Smart Boater and the Lifesaving Society joined together to develop a boating safety campaign targeted at female household members, who are influential in many facets of their family's safety behaviour but who have not been specifically targeted for boating safety in the past. Funds from both organizations were combined to conduct research on this new target market, develop new materials for this audience and to implement a retail mall advertising campaign with Pattison Outdoor Advertising.

It is a known fact that females (mothers) play an important role in the safety and security of their families, particularly with their children and increasingly more so with their male counterparts. A logical extension was to provide this target group with information about boating safety and encourage them to deliver it to their families. Research was undertaken to ascertain the approach/call to action with the highest likelihood of being received and acted upon.

Qualitative research was undertaken among women who are the wives/partners of boaters to understand what might resonate with them. A second quantitative (stage 2) portion of the research was utilized to measure the communication concepts that were developed from the initial research.

Women said that statistics were meaningful to them—especially ones that surprised them and challenged their assumptions such as:

- Over 80% of people who drown were not wearing a lifejacket
- Men are 4 times more likely to drown than women
- Over 50% of drownings happen on calm, sunny days
- 40% of fatalities involve boaters with alcohol in their system
- An estimated 100 lives could be saved each year if boaters always wore a lifejacket (based on 80% of the 130 people who drown each year were found without a lifejacket)

The women said that lifejackets were not “user friendly” and they were unfamiliar with inflatables. When presented with inflatables, the women found them to be very appealing and a good choice for their husband/partner. This research learning led the CSBC to believe that the most successful strategy is to engage women to convince their husbands to seek more information at www.smartboater.ca and then wear a lifejacket.

The stage 2 quantitative research was conducted with 100 women across Canada via an internet survey. It focused on presenting and evaluating the effectiveness of 4 different posters to create an emotional connection, be believable, create a likelihood of ‘taking action’ to influence their male spouse/partner, likelihood of going to SmartBoater.ca site for information and refer their spouse/partner to SmartBoater.ca web site.

The Fire alarm poster was the poster that most effectively communicated the safety message and generated interest in the smartboater.ca website. This poster was produced in final form and was displayed in malls in 6 provinces across Canada. The campaign commenced the week of May 7, 2012.

New content on the SmartBoater.ca web site was developed to include a section targeted to women. Called Smart Boater Women, this section is designed to speak with women from a female perspective, to provide her with facts and information about the risks associated with boating and to arm her with compelling safety messages to share with her husband and partner.

Point of Sale Training Grant **Fred Messmann, NSBC**

Strengthening Relationships:

The NSBC and its Continuing Efforts with Manufacturers, Marinas and Marine Retailers

The Point of Sale Training Grant is targeted towards training marina personnel, recreational boat dealers, marine retailers, and other persons who sell products or services to customers who boat and, in turn, are able to help recreational boaters make good decisions when buying safety equipment with the knowledge provided by the point of sale grant trained professionals. The concept was designed to put safety and sales people together, we have the same customers, just different motives, profit for sales, the same person then acquires the proper equipment. To ensure we met both industry and safety goals of increased sales to our mutual customers the Marine Retailers Association of the America's (MRAA) and the Association of Marina Industries (AMI) surveyed their membership to get their input and ensure we got their support.

A brief roll out power point presentation was made at the International Boating and Water Safety Summit (IBWSS) at the opening general session with about 200 persons present. A full breakout session with about 30 persons in attendance provided the unveiling of this totally new concept, using the marine professional sales and service personnel, called “Boat Pro Point of Sale” training.

PPG completed work on nine video scripts which were approved by the U.S. Coast Guard. The content Introduction, Commissioning or Coast Guard Kit, Life Jackets, Fire Extinguishers, Vessel Safety Checks, Visual Distress Signals, Boating Education, VHF Radios and a Conclusion were produced. PPG added the “treatments” to the video shoot that was conducted in Chesapeake, Virginia, at the end of February. Some segments were ready for presentation at the IBWSS for input. Our host for the video training was John Greviskis with Ship Shape TV with national coverage.

The name of the URL, Boat Pro Point of Sale will be found at NSBC/boatpropointofsale.org. Boat Pro fits in nicely with the other industry training program grant

WEDNESDAY, MARCH 27

— BREAKOUT SESSIONS —

the NSBC has with the Association of Marina Industries (AMI) named Marina Pro. The formalization of the "Marine Dealer Network" due to this grant was also discussed.

The downloadable "Coast Guard Safety Kit" check list was presented, the test at the end of each segment was introduced, which will then lead to receiving a certificate of completion and continuing education credit for the marine professional.

The Boat Pro Point of Sale distribution was identified in the power point presentation and will be available to any marine professional including the U.S. Coast Guard Auxiliary and their Marine Dealer Visitation Program, the United States Power Squadrons Brunswick Dealer Advantage, State's or other organizations who may be able to leverage the program. The primary distribution will be through the MRAA and AMI with their international training and certification programs.

The attendees were asked and provided feedback to refine the product with everyone very excited and all comments received were positive.

Pennsylvania Helicopter Aquatic Rescue Team (PA-HART)

Chris Calhoun, Butler County Community College;
Ryan Walt, Pennsylvania Fish and Boat Commission

Brief Description of Program: The Pennsylvania Helicopter Aquatic Rescue Team (PA-HART) is a highly specialized team consisting of Pennsylvania Army National Guard Aviation assets matched with Pennsylvania Emergency Management and trained Municipal, County, and State emergency response personnel that form a mission ready package for helicopter based rescues using the UH-60 Blackhawk. PA-HART combines the "best of the best" and creates a specialized resource for the citizens of Pennsylvania that is second to none.

The Pennsylvania Emergency Management Agency (PEMA), the Pennsylvania Army National Guard (PAARNG) along with the Pennsylvania Fish and Boat Commission (PFBC) met to discuss after action items regarding the massive flooding that occurred in the Commonwealth of Pennsylvania. As you recall the floods of Hurricane Irene and Tropical Storm Lee in 2011, were unprecedented and impacted the entire Commonwealth including the central region of Pennsylvania.

Currently, with direction from Governor Tom Corbett, the mentioned Commonwealth agencies (PFBC, PARNG, PEMA) are developing a disaster response system and forming the Pennsylvania Helicopter Aquatic Rescue Team (PA-HART) to respond primarily inside the Commonwealth. Statewide response planning is currently being developed for moving specialized teams, equipment and other critical resources throughout the Commonwealth.

The mission of the PA-HART is to be prepared and respond to Commonwealth /Federal disasters and emergencies with the integration of joint PAARNG aviation elements and PEMA certified teams.

Building and Sustaining a Strong Local Water Safety Advocacy Group

Tim Spice, Texas Parks and Wildlife; Philip Anderson, USACE; Linda DeSanders, Texas Drowning Prevention Alliance; Alissa Magrum, Colin's Hope and Central Texas Water Safety Coalition; Mary Carrier, Houston Safe Boating Council

In Texas, Water Safety Advocacy Groups are an intricate part of the outreach and education efforts of the comprehensive boating and water safety program. Over the past 15 years local water safety groups have evolved into dynamic organizations providing regional water recreation users with information, programs, and safety training.

The panel members discussed how they became involved with their respective organizations and the demographics of the audience they reach. The audience learned how these groups built, maintained and grew their grassroots organizations. The Houston Safe Boating Council, Central Texas Water Safety Coalition, the North Texas Drowning Prevention Alliance and the U.S. Army Corps of Engineers were represented on the panel. These groups are active in all major metropolitan areas of Texas.

Building Effective and Efficient Water Safety Programs During Tight Economic Times

Terry Everhart, Charlotte-Mecklenburg Police Dept.; Doug Hord, Gaston County Police Dept.

This session focused on the partnerships and relationships that were developed on Lake Wylie, North Carolina & South Carolina, by the Charlotte-Mecklenburg Police Department (CMPD) Lakes Enforcement Unit. Through a true spirit of cooperation, and collaboration they established an organized group that is focused on minimizing the loss of life, personal injury, and property damage and have maintained this group through tough economic times.

Lake Wylie is where CMPD developed the "Partnerships" program. This program enabled each agency that is part of the Lake Wylie Lake Enforcement Divisions to continue to provide the exceptional service, coverage and safety for both the public and marine patrol officers at the levels they are, taking into account the reduction in staffing and budgets over the past several years. Each agency operates independently but communicates with its partners to keep the waters safe. Lake Wylie is the dividing line between North and South Carolina. It also includes three counties: Mecklenburg Co. N.C., Gaston Co. N.C., and York Co. S.C. The Law Enforcement Agencies involved are North Carolina Wildlife Resource Commission (2nd District.), South Carolina Department of Natural Resources, Charlotte-Mecklenburg Police Dept., Gaston County Police Department., York County Sheriff's Office, Tega Cay Police Department., and the United States Coast Guard.

Programs implemented by the "Lake Wylie Lake En-

WEDNESDAY, MARCH 27

— BREAKOUT SESSIONS —

forcement Divisions" team include:

- "SPLASH" water safety robot
- "LAW LOANER" life jacket loaner program
- "FLOTATION CITATION" kids reward for life jacket wear
- "GLOW STICKS" given to boaters when navigation lights goes out
- "BOAT SHOW"
- "REGIONAL WATER SAFETY FOURM" Initiated by the Wilmington District of the U.S. Army Corps of Engineers
- "Dock Watch" & "Cove Watch," extensions of "Community Watch" designed to get the residents out, aware, and involved with us and their community.

Training the Trainers:

Instructor Trainers Compare Methods

Dave Lumian, American Sailing Association Instructor Evaluator; Emily King, NSBC Instructor Trainer; Dick Allsopp, US SAILING Instructor Trainer; Chris Stec, American Canoe Association Instructor Trainer

Overview: Training the Trainers provided an overview of national on-the-water instructor training programs. Instructor Trainers from American Canoe Association, American Sailing Association, the National Safe Boating Council and US SAILING were featured.

Some highlights included discussion of the following questions:

- What are the requirements for an instructor to be registered in an Instructor Clinic?
- How is instructor training and certification structured?
- Please describe your group, its goals, and its structure.
- Please describe your group's instructor training and testing program.
- How long is a first level instructor clinic run? How is the time allotted? What activities take place during the course?
- What activities take place in the classroom?
- What written exams (if any) are administered?
- What activities take place on the water?
- Are instructor candidates expected to perform at, or above, a student level for on the water activities?
- What steps do you take as an instructor trainer to help prepare your candidates for a successful course?
- What happens if a candidate is not ready to be certified?
- How has instructor training evolved within your group?
- What advice would you share with someone considering becoming an instructor?
- How does your group teach risk management?
- What are the requirements to maintain certification for instructors and/or instructor trainers?
- How is testing criteria regulated so that ICs are held accountable to meet uniform organizational standards?
- What are considered passing or not passing scores in an IC course?

For more information please contact: Dave Lumian, (310) 306-1116, dlumian@aol.com

Education Through Maritime Service/SAR Ryan Dilkey, Eckerd College Search and Rescue

Eckerd College's Waterfront Program is one of the largest collegiate watersports programs in the southeastern U.S. It offers a variety of exciting opportunities for recreational boating and education both on and off campus. It is also home of the Eckerd College Search and Rescue Team (EC-SAR). EC-SAR is one of the most unique co-curricular programs available to full-time, degree seeking Eckerd students. It cannot be experienced at any other educational institution in the U.S.! Working closely with the U.S. Coast Guard, 911 Emergency Medical Response, and other state and local agencies, the team provides maritime assistance to the boaters of Tampa Bay. Students are trained in technical rescue, boating safety, seamanship, towing, searching, fire fighting, de-watering, navigation, medical response, and even piloting rescue vessels. All of these services are provided for no fee 24 hours/day, 7 days/week.

The team was founded in 1971 in an effort to provide safety services for the college's watersports activities. In 1977, EC-SAR extended its rescue services to the Tampa Bay boating community. EC-SAR received its first test of international proportions when the team was one of the first rescue units to respond to the Skyway Bridge disaster in May of 1980. The program has since grown to become one of the most respected search and rescue organizations on the west coast of Florida.

Today, EC-SAR receives more than 500 calls each year and responds to virtually any sort of distress, disaster, or problem imaginable. Under the direction of professionally trained staff members, students coordinate the utilization of four rescue boats and an operations/communications center to save lives and property on a daily basis. As community service volunteers, the students do not receive any academic credit or pay for their participation. While maintaining high standards of performance and GPA, the students spend 10-15 hours/week completing training, performing weekend patrols, monitoring radio and phone communication, and responding to cases.

In addition, the EC-SAR Staff and Students give public presentations many times per year to groups including local rotary clubs, Kiwanis clubs, power squadrons, sea scout ships and boy scout troops, fishing and boating clubs, and many others. We participate in local community events including Great American Teach-In, Transportation Day, ACA Relay For Life, FWC Marine Quest, and the Old Salt Fishing Tournament for children.

The Waterfront Program also provides recreational watersports using kayaks, paddle boards, sailing vessels of various size, wind surfing, wake boarding, waterskiing, salt water fishing, and many other activities. Offering a place for outdoor physical activity, social interaction, appreciation for the marine environment, education in boating skills and safety, and even employment opportunities, the Waterfront is a key component in student enjoyment and success.

WEDNESDAY, MARCH 27

— BREAKOUT SESSIONS —

All of these opportunities on and off the water help provide a challenging and exciting environment for student growth and development through maritime service and SAR. Focused on building self-esteem, communication skills, leadership skills, and personal and team accountability, the students become responsible, confident and competent young adults committed to service within their community.

The Drowning Trap - Moderate River Levels May Cause Fatalities **Robert B. Kauffman, Frostburg State University**

Rivers are the public's summer playgrounds. People swim, boat and recreate on the nation's rivers. The Drowning Trap was developed from a comprehensive study of the Potomac River. Along with an additional study and a couple of expert witness cases, the concept of the Drowning Trap (depth, velocity and deceptiveness of river flows) needs to be reexamined in terms of being a significant contributor of river fatalities. This session combined an analysis of river fatalities with hydrological data and user survey information to show how fatalities occur at much lower levels than flood. It makes the case that moderate flows need to be examined as a contributing factor in river fatalities.

Reinforcing the statistical findings of the Potomac River Study, a video of a near drowning on the Clinton River in Michigan was shown to participants. It clearly showed the dangers of moderate drowning trap flows. On July 4th 2000, the Clinton River was flowing at 900 cfs. Normal flow for this time of year was a much more lethargic 250 cfs. At 900 cfs, the river was well within its banks. The scenes in the video clearly show that the river looked normal. The kayakers being interviewed after the near drowning were surprised to discover that there was a drowning at the same spot earlier in the day. For them, the river looked normal. Yet it was running over 3½ times its normal flow. The video underscored the dangers of moderate drowning trap flows.

In summary, flooding rivers are clearly dangerous. Most people recognize the dangers of floods and take appropriate action. In contrast, moderately high flows look normal to most river users. This is what makes the moderate drowning trap flows potentially dangerous. The session underscores the need that moderate river flows need to be examined as a significant contributing factor in river fatalities.

Teaching Pre-Teens to Keep Themselves and Their Friends Safe **Brian Westfall, USACE;**

Barbara Byers, Lifesaving Society

Pre-teens are the often ignored but important age group for water safety training. Adolescence is an inherently difficult period and is a time of tremendous brain development. In fact, it is second in development to the first 3 years, when the brain changes most rapidly.

Scientists say that teens are hard wired for risky behavior and that risk taking by teens is linked to immature brain development. The section of the brain most involved in emotion and social interaction becomes very active during puberty while the section most critical for regulating behavior is still maturing into early adulthood.

Dr. Laurence Steinberg from Temple University says that this helps to explain why teens are so susceptible to peer pressure and why education and prevention efforts designed to keep teens from engaging in risk-taking behavior don't work that well. And further, just because we are giving kids the facts, that doesn't mean that we are changing their behavior. Pre-Teens/teens have much more difficulty controlling their impulses and their behavior. As well, adolescents are more likely to be enjoying water-related activities with a group of friends and without adult supervision.

Pre-teens feel the need to belong. Old friends may drift apart, and new friends are being made and this has an effect on peer pressure. They are starting to test limits and challenge rules. They protect themselves against what they deem arbitrary rules. This indicates they need to see a valid reason on why they should wear life jackets, swim with a buddy, etc. They want independence, while expecting adults to still take care of them. Preteens are energetic, enthusiastic and eager to learn new skills and it is believed that if we teach them safe swimming or safe boating skills at this age, it is likely to stick!

Two approaches were presented: a new survival swimming program, called Swim to Survive+, developed by the Lifesaving Society in Canada. The program teaches pre-teens how to survive an unexpected fall into deep water while wearing clothes, and teaches the basic skills to help a friend in deep water.

Secondly, an approach of reaching potential partners (YMCA, Red Cross) to interact with pre-teens, by teaching them "learn to swim well" was presented as an effective strategy. The YMCA is making a difference at the local level offering the same types of incentives to the less fortunate. The Corps of Engineers, Arkansas Lakes, association with the Hot Springs, Arkansas YMCA teach water safety education and provide swimming lessons free and at reduced costs was cited as an excellent partnership and valuable for young students attending "out of school" activities. The excellent instruction and fun activities keep kids engaged and coming away with a deeper understanding of water safety and the importance of personal responsibility. Collaborations are imperative to successful recreation programming.

Learn to swim partners are also making a difference and saving lives. The USA Swimming Foundation Make a Splash program was cited as spending millions of dollars to provide children whose families cannot afford swimming lessons the opportunity to learn how to swim.

WEDNESDAY, MARCH 27

– BREAKOUT SESSIONS –

Developing a Comprehensive Emergency Management Plan

Rodger Norcross, Ohio Department of Natural Resources, Division of Watercraft

What do you do in a worst case scenario? How will your staff react to emergencies at your property? This session helped you to develop an emergency plan designed to keep staff, patrons, and operations responding to an incident in a safe, legal, and practical way.

This session involved discussion of the three main phases of an emergency management plan: the response phase, the recovery phase, and the mitigation phase. The response phase involves knowing what agencies and resources you need and how to get them to the emergency site. Different resources will be needed for different emergencies. The recovery phase involves damage assessment and then rebuilding which can take a very long time. After that comes the mitigation phase which involves improving the area affected by the emergency and alleviating peoples issues and concerns.

The session also focused on the implementation and use of the Incident Command System within emergency management plan for either an event or actual incident. Continuity of operations (COP) and Continuity of Government (GOG) were discussed as part of the emergency management planning process, to ensure service to the public and employees were maintained. Communicate with the public and employees in the event of closure or evacuation of their facilities, or work locations.

When building your plan you should know who the people you serve are and then get all local, state, federal agencies and private organizations together to make sure everyone is on the same page. Emergency action plans should also be distributed to all the necessary people when an emergency happens and be updated regularly. A key part of any emergency management plan is that it is reviewed and exercised on a regular schedule. Exercises can be as simple as a workshop or table top all the way to a full scale exercise, the key is that the plan is reviewed so that when it's needed you and your employees are familiar with it.

SESSION LEARNING OBJECTIVES: The student will be able to define the essential elements of an emergency management plan; the student will be able to identify what agencies should be included in their emergency management plan; and the student should be able to identify the elements of continuity of operations and continuity of government plans.

Writing the Water Safety Teen Video for Texas Parks and Wildlife Department

Ralph Yznaga, MOSAK Advertising and Insights

Last March, I had the honor of presenting our advertising agencies' research and creative work for a water safety video script to the 2013 International Boating and Water Safety Summit in San Antonio. The project was for Texas Parks & Wildlife. Our agency, MOSAK Adver-

tising & Insights, located in Austin, Texas, was selected by TPWD to write the script. The goal of the video is to persuade Texas teens to observe safe habits in open water. The final video will be shared throughout the state during Driver's Ed classes beginning in the fall of 2013.

In order to make the video as convincing as possible, we were tasked to use research to justify our work. The research we uncovered was somewhat surprising and extremely informative. The research we relied on was taken mainly from studies of the effectiveness of anti-smoking ads directed at teens.

A surprising learning we uncovered was that teens do not ignore safety concerns because they feel they are invincible, but because peer pressure causes them to take chances they clearly understand are dangerous. The most important learning was that teens trust their peers and will listen to them far more than they will adults. Because of this finding, we decided that regardless of which approach we chose, we would use teens to deliver the message.

The three techniques we explored were fear, humor and empathy. While fear tactics, such as showing graphic and horrific accidents have a compelling effect on teens, they may tune out the message as a defensive response. Humor is also an effective technique for entertainment purposes, but unless accompanied by a serious message, may not be taken seriously enough by teens. Not surprisingly, empathy is highly effective for teens, since their friendships are the most important things in their lives. For this reason, we chose an empathetic approach.

Knowing that storytelling is a powerful technique, our execution features actual teens telling their true stories of the dangers they faced because they ignored basic water safety. Weaving four different stories together, we let teens explain how they were thrown from boats into cold water without floatation devices, how a teen with poor swimming skills ignored safety concerns and swam into deep water, and how a teen piloted his watercraft at high speed into another boat. In three of the stories, one of the friends involved drowned. In the fourth, the boy survived the collision but was frightfully injured. We explained how we located the actual people involved in the stories and how amazed we were at the overwhelming interest people have had in participating in the video project.

For our agency, being involved in the video is very important to us. What began as a video script project has become a cause. Thanks to research and the help of the storytellers who lost loved ones, we feel this video will make a difference. We are thankful to be involved and are looking forward to its completion.

The Spirit of America Foundation: Global Initiative for Access Ability Education®

Cecilia Duer, CEO and President, Executive Director of Spirit of America Foundation and Jerry Craddock, National Coordinator, Spirit of America Foundation
Partnering with Shake A Leg Miami and its' President

WEDNESDAY, MARCH 27

– BREAKOUT SESSIONS –

Harry Horgan, the Mentor, Ohio based Spirit of America Foundation introduced a new initiative to provide access, for all persons, to water based recreation. The idea behind the Global Resource Training Center with curriculum and programs for all organizations and all persons, was introduced.

Not meant to be a “re-invention of the wheel”, the program does quite the opposite and proposes never before seen and produced innovative ideas for recreational boating equipment and education tools BY those persons differently-abled from the present day traditional “able-bodied” general recreational boating public. We have discovered through our time at Shake A Leg that “able-bodied” means many different things for many boaters. We discovered that we are not quite as “able-bodied” as we thought, and that, as educators, we had a lot to learn about how differently-abled persons go boating. There was much to understand that needs to be done from the equipment to the mind-set to the ability to learn intellectually. And, through this discovery, the Global Initiative for Access-Ability Education was born.

The initial meeting of the “minds and bodies” was held in January and the mission and vision for the future presented. The goal, which was achieved for the most part, was to get attendees to open their minds to a new way of learning and then teaching and creating. We simply asked individuals and organizations to come to us and “see” for themselves what we are missing, by simply listening and observing what intellectually and physically challenged individuals are challenged by when they attempt to go boating. There needs to be innovation in life jackets, safety equipment, boats themselves, and to “classroom” forms of study. Our differently abled “instructors” and presenters showed us how we are missing the opportunity to provide to well over 50 million differently-abled people in these United States alone. They provided significant information about how to be proactive and create innovative manners in which to develop watercraft, equipment, life jackets, and other educational tools. Which would then provide the tools to allow them access to some of the greatest on water programs in the world. The Initiative has provided, and continues to do so, a learning environment with the teachers and tools we cannot get in any other “school”. Shake A Leg Miami is the Global Resource Training Center for Access-Ability Education where educators and manufactures, engineers and instructors may go to learn from those persons who are challenged and Spirit of America will provide educational program opportunities to be utilized in communities anywhere. A person can then return to their community and provide a better resource of programs and equipment ideas for persons who are challenged both intellectually and physically.

We are very aware of the wonderful and amazing programs that are available to so many challenged persons in our country, and we thank each and every one of you provided access, however, we are asking you to take it one step further and listen to, and react, based on the

information from the persons who face challenges every day. From this you will be able to create more and better opportunities for all persons, by changing your mind set and approach and truly learning from the best teachers we could ever hope for. Over 50 million people are waiting for that opportunity.

Attendees were, and readers are, invited to “get involved!” and to come with an open mind and innovative Spirit! The Mission & Vision of the 2013 GIAE scheduled for December 8-11, 2013: A Global Initiative opening the doors to accessibility, education, physical health and well being and innovation utilizing on water recreational methods and appropriate watercraft and equipment for every person. For more information please contact: Director@spiritofamerica95.org.

Ditch Bag – Equipped to Survive – Are you ready? **Capt. Jeff Robb**

Any sailboat cruising offshore needs among its emergency equipment an abandon ship bag, also called a ditch or grab bag. Even sailors in coastal cruising situations should be prepared with a ditch bag. Never assume, even when you have communication gear, that rescue will come before you would need the things typically carried in an abandon ship bag. This presentation discussed the properly equipped “Ditch Bag.”

Although most life rafts are equipped with some basic survival equipment, also never assume that it has everything you need or may want. Life rafts typically have only minimal gear, because of space and weight limitations.

The only way to increase your chances for rescue and survival until rescue is to have a well-stocked ditch bag. Certain items are essential, whereas others depend more on personal needs or preferences.

The bag itself should have positive flotation, be water resistant, highly visible, large enough to hold everything, be sturdy, easy to carry, be clearly labeled and stowed in a location where everyone can see it.

When making the list of what to include, consider possible abandon ship scenarios. How long might you have to wait for rescue? You can go a long time on little food, but water is essential. Any chance you might reach an inhospitable shoreline with additional survival time on your own? In all cases, consider both rescue and survival items along with optional personal and other items.

Rescue Items:

- Functioning, registered 406 EPIRB (emergency position-indicating rescue beacon) to inform rescuers of your need and location
- Handheld VHF radio (waterproof or in sealed pouch, with extra batteries)
- Selection of flares (parachute and handheld) and smoke signals
- Strobe light (may be present in inflatable PFD); combination with flashlight ideal
- Whistle (may be present in inflatable PFD)
- Signal mirror

WEDNESDAY, MARCH 27

– BREAKOUT SESSIONS –

Survival Items

- Water (individually sealed emergency water packets better than a jug)—as much as you have room for
- Emergency food rations (commercially available sealed high-calorie bars formulated to decrease thirst) plus can opener if canned food
- Essential personal prescribed medications
- First aid kit
- Solar still (inexpensive) or hand-operated desalinating water maker (expensive) if offshore
- Patch kit for inflatable dinghy or life raft (or emergency clamps)

Other Items (depending on space and needs)

- Handheld GPS (to communicate position by VHF or cell phone)
- Solar blanket (in cold climates)
- Simple fishing gear (line, jigs, hooks)
- Sunscreen (in tropics—life raft canopies can tear off)
- Bailer
- Paper and pen in ziplock bag
- Spare prescription glasses, sunglasses (polarized)
- Small pair of binoculars (to confirm a boat or plane spotting before using flares)

Finally, check your abandon ship bag at the beginning of every season and before a long voyage. Look for expired flares and any tears in water or food packets. Replace batteries.

Improving the Permitting Process — A Case Study

Michael Pellegrino, Trailhead GIS, Inc.;

Nick Cordua, Adept Technologies, Inc.

Trailhead GIS contracted Adept Technologies Inc. to create a web based software system designed to efficiently manage the ongoing tasks of the shoreline management process for Ameren Missouri's Shoreline Management Office (SMO).

Managing over 42,000 shoreline permits and processing over 250 new permit applications per year, was daunting and existing systems were failing to keep up. Low customer satisfaction, regulatory agency, and internal confidence was driving the Ameren SMO to become much more proactive and efficient.

Development of the Adept Enterprise Shoreline Management/GIS solution as an integrated system delivered via the internet provided a flexible and efficient tool to meet their needs. The Adept Enterprise Shoreline Permit Management System provides reduced turnaround times, increased inspections and enforcement, and significantly increased compliance. This presentation showcased the Ameren SMO's evolution from legacy system inefficiencies to a customized solution that fulfilled all their current and future needs and also looked at the specific tools for automated workflows, creating and managing records, reporting, etc.

Water Rescue for the First Responder – NFPA 1670 Awareness Level

**Chris Calhoun, Butler County Community College;
Ryan Walt, Pennsylvania Fish and Boat Commission**

Brief Description of Program: Pennsylvania's Water Rescue Program is designed to train personnel in the most current techniques of boating and water safety. Commission water rescue courses train emergency responders in the most current techniques of swiftwater and ice rescue. This presentation provided an overview of the Commissions Water Rescue Programs and the trainings offered including: Water Rescue for the First Responder (Awareness level), Water Rescue & Emergency Response, Emergency Boat Operations & Rescue, Ice Rescue & Emergency Response, and Advanced Line Systems Rescue. The courses that the Commission teaches meet or exceed NFPA 1670 level guidelines in Awareness, Operations, and Technician levels.

WATER RESCUE FOR THE FIRST RESPONDER – This 2½-hour classroom course is for anyone who may respond to a water emergency. Topics include scene assessment, activation of the Emergency Response System, evaluation of potential and existing water hazards, scene management, rescue vs. recovery, and personal safety measures. This course meets NFPA 1670 awareness level guidelines

WATER RESCUE & EMERGENCY RESPONSE – This 16-hour course includes many valuable swiftwater rescue techniques. The course provides the base on which all other PA Fish & Boat Commission courses are built. Using both classroom and practical hands-on training, Water Rescue & Emergency Response covers planning, medical considerations, rescue equipment, self-rescue and shore-based rescue techniques. This course meets or exceeds NFPA 1670 operator level guidelines.

EMERGENCY BOAT OPERATION & RESCUE – This 16-hour course is a must-have for any rescue unit involved in on-the-water operations. Emergency Boat Operation & Rescue includes both classroom and practical hands-on training in boat selection, recommended equipment, boat-handling, moving-water tactics, and boat-rescue techniques. This course meets NFPA 1670 technician level guidelines.

ADVANCED LINE SYSTEMS RESCUE – This 16-hour course includes classroom and practical hands-on training in line-systems rescues such as Moveable Control Point, Z-drag, Zip Line, and dynamic ferry. Tethered rescue techniques using Type V PFDs are also addressed. This course meets NFPA 1670 technician level guidelines.

ICE RESCUE & EMERGENCY RESPONSE

This 16-hour course prepares rescue personnel to evaluate and respond to ice related emergencies. Students learn how to identify ice conditions, use ice rescue equipment and practice shore, boat, and direct contact ice rescue techniques. This course meets NFPA 1670 technician level guidelines.

WEDNESDAY, MARCH 27

— AWARDS BANQUET —

The 2013 Awards Banquet was sponsored in part by Premier Sponsor Boat Ed.

Announcement of Media Contest Winners. See the complete list of winners on page 25.



NWSC AWARD WINNERS

REGION ONE

Brian Davidson, Vice President

Region One Award:

Kim & Stew Leonard Jr.
Stew Leonard III Children's Charities

Awards of Merit:

John Gillespie, Park Ranger, USACE
Phillip Martin, Park Ranger, USACE
Miami River Area, USACE
Joseph Bertolini, Park Manager, USACE

Letter of Commendation:

Mathew Edwards, General Manager,
Spitzer Marinas of Lorain, OH

REGION TWO

John Punkewicz, Vice President

Region Two Award:

Katey & Scott Taylor
Abbey's Hope Charitable Foundation

Awards of Merit:

Carma Hanson, Grand Forks Safe Kids
Daniel Clark, USACE
Paul Rhoads, Head Football Coach,
Iowa State University
Upper Wabash Project Office, USACE

Letter of Commendation:

Ohio River Locks and Dam 52 Staff,
USACE

REGION THREE

Anna Stewart, Vice President

Region Three Award:

Palm Beach County Volunteer
Fire-Rescue Association

Awards of Merit:

West Point Lake Park Rangers, USACE
Adam Taylor, Park Ranger, USACE
Ranger & Administrative Staff of
Green River Lake, USACE
Coast Guard Auxiliary Flotilla 95,
Marco Island
Glenda Robinson, Park Ranger, USACE
Nashville District Rangers & Resource
Managers, USACE



Mark Brown presents the Region 4 Award

Letters of Commendation:

Charles Abernathy, Volunteer, USACE
Chris Abernethy, USCG Auxiliary Flotilla
51 of the Palm Beaches
Park Rangers Jason Couch, Robert
Daniel, Ken Weiner, USACE
Lt. Bill Walsh, Gwinnett Co. Police
Department
Bill Feisler
Conservation Ranger Sgt. Lee Brown,
Georgia DNR

REGION FOUR

Mark Brown, Vice President

Region Four Award:

Elizabeth Anderson, Randall McCartney,
Jeff Wilhelm, Sara Mynarcik and
Jennifer Ingram, USACE and
Bosqueville School District

Awards of Merit:

Kristen Glover, Miss Arkansas 2011
Sergeant Collin Stosberg, Missouri
Highway Patrol
Trooper David Miranda, Missouri
Highway Patrol
Kristine Brown, Park Ranger, USACE
Trooper Danny Choat, Oklahoma
Highway Patrol Marine Enforcement

Letters of Commendation:

Bill Bach, General Manager, Poplar Bluff
Municipal Utilities & City Cable
Jimmie Ward, Park Ranger, USACE
Arkansas Game and Fish Commission,
State Law Enforcement Agency
Joseph McLane, CEO/President, First
Midwest Bank

REGION FIVE

Bruce Rowe, Vice President

Region Five Award:

Lana Whitehead

Awards of Merit:

U.S. Coast Guard Auxiliary Flotilla
113-06-04
National Drowning Prevention Alliance



Anna Stewart presents the Region 3 Award

REGION SIX

Joe McCollough, Vice President

Region Six Award:

USA Swimming Foundation

Awards of Merit:

Columbia Gorge Safe Kids Coalition
Sergeant James Knauss, Kings County,
Washington Sheriffs Office

International Letter of Commendation:

Sea Angel's Brazil Institute

**Brian Davidson
with the Region 1
Award Winner**



**Bruce Rowe
presents the
Region 5 Award**

Lifetime Achievement Award:

Rachel Garren, Natural Resources
Specialist, USACE (*not pictured*)



**Lifetime
Achievement
Award:
Virgil Chambers**,
Executive
Director, NSBC

**National Award:
Ron Sarver**,
Deputy Director,
NASBLA



**Presidents
Award:
Fred Truesdell**,
NWSC Chief
Financial Officer

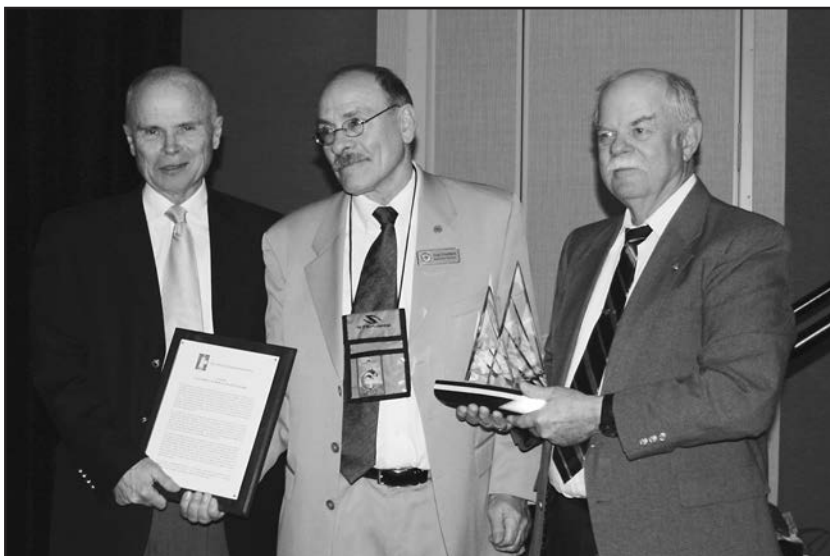
NSBC AWARD WINNERS

The NSBC Horizon Award is presented to Texas Parks and Wildlife representatives Tim Spice and Cody Jones by Joyce Shaw, NSBC Chair.



Pam Dillon, NASBLA Education Coordinator, receives the NSBC Horizon Award from Joyce Shaw, Chair of the NSBC.

Joyce Shaw presents the NSBC Horizon Award to Ron Sarver of NASBLA.



Virgil Chambers, NSBC Executive Director, receives the USBI Silver Schooner Award from Tony Gardiner and Bill "Griz" Griswold, United Safe Boating Institute (USBI).

2013 MEDIA CONTEST

2013 International Boating and Water Safety Summit, San Antonio, Texas, March 24-27, 2013

Categories:

Giveaways/Handouts; Posters/Signs; Booklets/Brochures; Audio PSAs; Video PSAs; Electronic Education; Special Category Education

Judging Criteria:

Clarity of Message; Uniqueness/Innovation; Boating/Water Safety Message; Easily Modified So Adaptable Nationwide

Judging Panel:

Michael Baron, USCG; Rachel Johnson, NSBC; Brian Westfall, USACE; Anna Stewart, Drowning Prevention Coalition of Palm Beach County; Donna Angus, NWSA

GIVEAWAYS/HANDOUTS

- 1st Place: KS Department of Wildlife, Parks & Tourism
Wear It Cell Phone Grip
- 2nd Place: KS Department of Wildlife, Parks & Tourism
Junior Officer Card
- 3rd Place: AK Office of Boating Safety
Kids Don't Float Magnet
- Honorable Mention: CO State Parks
Markers Decals

BOOKLETS/BROCHURES

- 1st Place: KS Department of Wildlife, Parks & Tourism
Boat Safe – Road Safe Activity Book
- 2nd Place: AK Office of Boating Safety
Your Guide to the Chena River
- 3rd Place: PA Fish & Boat Commission
PA Boating Handbook
- Honorable Mention: PA Fish & Boat Commission
Hazards on the Water



AUDIO PSAs

- 1st Place: KY Fish & Wildlife
"Saved by the Jacket Drowning"
- 2nd Place: USACE Galveston District
"20 Seconds"
- 3rd Place: USACE Galveston District
"Boating Accidents, Not Me"
- Honorable Mention: KY Fish & Wildlife
"Closer Than You Think"

VIDEO PSAs

- 1st Place: Water Sports Industry Association
"Chad Sharpe – Testimonial"
- 2nd Place: Lower Colorado River Authority
"Good Swimmer"
- 3rd Place: AR Game & Fish Commission
"Life Jacket w/ Diagram"
- Honorable Mention: Waco Lake, Fort Worth, TX, USACE
"Because They Matter – Forever 15"

ELECTRONIC EDUCATION

- 1st Place: KS Department of Wildlife, Parks & Tourism
Boating Safety Interactive Quiz
- 2nd Place: Water Sports Industry Association
"Wake Situation"
- 3rd Place: Water Sports Industry Association
"Crossing"

POSTERS/SIGNS

- 1st Place: Waco Lake, Fort Worth, TX USACE
He Thought He Was a Good Swimmer
- 2nd Place: Kansas Department of Wildlife & Tourism
On the Road/On the Water
- 3rd Place: Canadian Safe Boating Council
Life Jacket Pull Cord
- Honorable Mention: PA Fish & Boat Commission
Cold Water Kills
- Honorable Mention: KS Department of Wildlife, Parks & Tourism
Eyes on the Road/Eyes on the Water

SPECIAL CATEGORY EDUCATION

- 1st Place: Lower Colorado River Authority
Wear It Texas! Wakeboard
- 2nd Place: AK Office of Boating Safety
Watercraft Rental Orientation Checklist

The collage consists of 18 individual photographs:

- Top Left:** A group of people, including a woman in a blue jacket and a man in a dark suit, standing together.
- Top Center:** Two people wearing yellow vests with "2017 WORLD WATER SKI FINALS" printed on the back.
- Top Right:** A group of people on a boat, with one person standing on a platform over the water.
- Middle Left (Top):** A water skier in a green and yellow suit performing a jump.
- Middle Left (Middle):** Four people standing on a boat, looking at a clipboard.
- Middle Left (Bottom):** A water skier in a green and yellow suit performing a jump.
- Middle Center:** A group of four people posing for a photo.
- Middle Right (Top):** A woman in a blue jacket holding a book titled "The Water Skiing Book".
- Middle Right (Middle):** A person in a blue and black suit performing a water skiing stunt.
- Middle Right (Bottom):** Two people in a canoe on the water.
- Bottom Left (Top):** A person in an orange wetsuit standing on a boat.
- Bottom Left (Middle):** A group of people on a boat, with one person in an orange wetsuit.
- Bottom Left (Bottom):** A large group of spectators sitting in bleachers.
- Bottom Center (Top):** A water skier in a blue and black suit performing a jump.
- Bottom Center (Middle):** A water skier in a blue and black suit performing a jump.
- Bottom Center (Bottom):** A water skier in a blue and black suit performing a jump.
- Bottom Right:** A large, vertical photo of a water skier in a blue and black suit performing a high jump.

18th Annual International Boating & Water Safety Summit

Monday, April 14 -
Thursday, April 17,
2014

Renaissance
Nashville Hotel



Visit our web site for more information: IBWSS.org

