ENGINEERING, REPORTING & ANALYSIS COMMITTEE (ERAC)

2017 COMMITTEE ACTIVITY
CHAIR: Glenn Moates, Tennessee
VICE CHAIR: Kris Wahlers, Colorado
BOARD LIAISON: Kenton Turner, Indiana
COMMITTEE STAFF: Deborah Gona, PhD
SUBCOMMITTEE LEADERSHIP
- Monitoring & Evaluation: Glenn Moates
- Knowledge & Content Management: Kris Wahlers
- Investigation, Reporting & Analysis: Seth Wagner, FL
- RBS Statistics & Research: Penny Kanable, Wisconsin
- Engineering & Equipment: Joe McCullough, Alaska
ERAC MEMBERS
Real People

- John Girvalakis, Massachusetts
- Rachel Bullene Graham, Oregon
- Eric Lundin, Connecticut
- Johanna Naughton, California
- Amy Rigby, California
- Gary Haupt, NASBLA Boating Accident Investigation Training
- Susan Weber, Donald Kerlin, Rachel Warner: USCG HQ
- Paul Newman: 11th District RBS Specialist
- Larry Bowling / Caroline Bell, NTSB
- Alexander Cascione, USCG Auxiliary
- Pete Chisholm, Mercury Marine
ERAC MEMBERS
Real People

• Brian Goodwin, ABYC
• Caroline Mantel, BoatHistoryReport.com
• Eugene Molteni, Robert Sweet, Ernest Marshburn, USPS
• Bruce Rowe, Forever Resorts
• Ted Sensenbrenner, BoatU.S. Foundation
• Dick Snyder, Mercury Marine (ret.)
• Karen Steely, Aaron Foundation
• Dan Maxim, USCG Auxiliary
• Fred Messmann, NSBC
• Tamara Terry, Individual Member
KNOWLEDGE AND CONTENT MANAGEMENT

ERAC Subcommittee Chair: Kris Wahlers
ENGINEERING, REPORTING & ANALYSIS (ERAC) CHARGES PRODUCTS REPORTS

2017 Committee Documents
2017 Committee (In Person) Meeting Highlights March 31, 2017
2017 Committee Roster and Charges (rev Feb 28 2017)

NEW! 2017 Committee Charge Progress and Products
ERAC 2017 Cycle Report (v.14 Aug 2017) - includes live links to webpages and document downloads; see also referenced appendices below
- ERAC-2017 Committee meeting (agenda and summary)
- ERAC_IR&A-2017-1 Boating Accident Reporting Manual Topic Coverage
- ERAC_IR&A-2017-3 Human Factors-HFACS Lite Application to Select State Cases
- ERAC_S&R-2017-1 Fatality Rate Numerator: Preliminary Analysis for Discussion
- ERAC_S&R-2017-2 Planned Changes to Next National Recreational Boating Safety Survey

www.nasbla.org/nasblamain/advocacy/erac/charges
INVESTIGATION, REPORTING & ANALYSIS

ERAC Subcommittee Chair: Seth Wagner
Best practices resource manual for state use

Facilitate consistent, clear guidance for data capture and reporting to Coast Guard

Work with Coast Guard to refine policy

Boating Accident Report Database (BARD)

Boating Accident Report Form

Vessel Manufacturing Defects and Recalls – State Reporting and Checking
Does Human Error = Injuries & Fatalities?

Guidance and supplemental form for states use

Analysis of accidents in pilot states
ENGINEERING & EQUIPMENT

ERAC Subcommittee Chair: Joe McCullough
How does vessel hull design contribute to certain accident types? Spin Out and Passenger Ejection.

Texas Flats Boats/Tunnel Vee design

Challenge: Operator Error vs. Vessel Design Flaw
“Were there any features or design characteristics of the vessel that may have contributed to this accident?  
___ Yes ___ No; if Yes, then describe thoroughly in the narrative.”

Pilot States
Some Canoes & Kayaks do not have basic flotation

Topic Exploration with Paddlesports Committee

ABYC Activity: H 29 Standard Canoes and Kayaks
RBS STATISTICS & RESEARCH

ERAC Subcommittee Chair: Penny Kanable
BOATING FATALITY RATE
Gathering & Analyzing Data

Fatality Rate: Fatalities/100,000 registered boats

2016 National rate: 5.9 701 Fatalities
2016 Tennessee rate: 8.6 22 Fatalities
How do non resident boaters affect the fatality rate?

What are outreach options for non-residents?
MONITORING & EVALUATION

ERAC Subcommittee Chair: Glenn Moates
INPUT TO USCG POLICY/REGULATORY PROPOSALS

Tracking Actions

- Monitor Federal Register notices, other Coast Guard actions for impact on states’ RBS programs

- Maintain NASBLA’s Policy/Federal Register webpages

- Collaborated with VIRT - State Vessel Registration Data Notice

- Regulatory Reform activity underway
WHAT’S HAPPENING WITH....

• Rollout of state-level, statistical report template?
  • Delayed due to BARD transition issues ... but,
  • Template serving as resource to NASBLA’s Boating Safety Dashboard project

• Next National Recreational Boating Survey?
  • Monthly Participation and Exposure Hours surveys begin February 2018