

## Engineering, Reporting and Analysis Committee (ERAC) 2023 – 2024 Cycle Charges and Teams – UPDATED March 2024

For more information on ERAC full committee meetings as of March 1, 2024, refer to [ERAC Charges 2023-2024 with markups from Nov. 20, 2023 mtg](#); and [ERAC Check In Meetings recap compilation Dec. 18, Jan. 24 and Feb. 28](#).

On Nov. 1, 2023, the NASBLA Executive Board accepted seven (7) charge proposals—all carryovers—with the understanding that as the committee and charge teams convened and deliberated on work for the cycle the preliminary recommendations would be translated into updated charge language. Following are the charge updates as of Jan. 31, 2024, and charge team updates as of Feb. 28, 2024.

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### ERAC-USCG IR&A 2024 CYCLE EXTENSION - INCIDENT REPORTING – MONITOR/ACT ON USCG POLICY DEVELOPMENT

Placeholder charge to monitor the status of – and ensure the committee’s ability to provide swift and meaningful input to – Coast Guard policy and regulatory activity associated with recommendations from the sections of the [Recreational Boating Incident Reporting Policy Project Report \(2020\)](#) that were not addressed in [CG-BSX Policy Letter 23-01, CH-1 Recreational Boating Incident Reporting](#).

**2024 TEAM:** Full committee. Tammy Terry ([tamara.terry@dnr.ohio.gov](mailto:tamara.terry@dnr.ohio.gov)), as ERAC chair, will serve as lead in making assignments.

### ERAC IR&A 2024-1 BEST PRACTICES DEVELOPMENT (INCIDENT REPORTING)

Complete the initial delivery of three [high-priority reporting guidance product sets](#) to assist the states in effective implementation of provisions in [CG-BSX Policy Letter 23-01, CH-1 Recreational Boating Incident Reporting](#). Actively seek feedback from core state users—officers/investigators, data entry personnel, report reviewers, etc.—on product utility and formats and make adjustments as needed. Identify, prioritize, and develop additional guidance tools and information resources based on identified needs. Promote the products via NASBLA-sponsored events and communication channels, and work closely with the team assigned to ERAC K&CM 2024-1 Lighthouse Evaluation to ensure the products have the most effective, accessible online placement.

**2024 TEAM:** Tammy Terry ([tamara.terry@dnr.ohio.gov](mailto:tamara.terry@dnr.ohio.gov)) will continue serving as ring leader. Subgroups and leads for each will continue to be tagged as needed for charge deliverables: Joanna Andrade, Bryan Baronet, Stacey Brown, Jeff Decker, Deb Green, Jonathan Hsieh, Cody Jones, Chad Juenker,\* Josh Landrum, Paul Littman, Eric Lundin, Jackie Lundstrom, Joe McCullough, Matt Majors, Hattan Mollnow, Krista Romero,\* Ted Sensenbrenner, Matt Snyder, Adrienne Sullivan, Samm Teixeira, Tammy Terry, Seth Wagner, William Wallace, Susan Weber.

\* Not formally appointed to ERAC, but participating as resources/SMEs in developing/reviewing charge products.

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## ERAC IR&A 2024-2 REPORTING SYSTEM REDESIGN (INCIDENT REPORTING)

Participate in any NASBLA and Coast Guard efforts to engage stakeholders in how best to address deficiencies in the current BARD system. Ensure that the design and content requirements of future reporting system(s) are responsive to the consensus recommendations on data elements from the [Recreational Boating Incident Reporting Policy Project](#). In the near-term, monitor the outcomes of the BARD system updates to the incident type terms and recording of threshold data in alignment with [CG-BSX Policy Letter 23-01, CH-1 Recreational Boating Incident Reporting](#). Upon Federal Register publication of an ICR to OMB for the revised report data collection and CG-BAR form, inform the states and draft NASBLA comments for submission to the docket.

**2024 TEAM:** ERAC leadership with Susan Weber ([susan.m.weber@uscg.mil](mailto:susan.m.weber@uscg.mil)) will lead charge: Tammy Terry, Pete Chisholm, Deb Green, Jonathan Hsieh, Josh Landrum, Paul Littman, Jackie Lundstrom, Caroline Mantel, Hattan Mollnow, Adrienne Sullivan, William Wallace, Susan Weber.

## ERAC IR&A 2024-3 HUMAN FACTORS: REFINE DATA COLLECTION/ ANALYSIS

Continue to learn from Florida's experiences as a pilot state applying aspects of ERAC's human performance investigative and analysis guidance (HFACS-lite) to its collection of operator distractions in incident investigations. Evaluate the methods/formats for gathering the data, evaluate the findings to date, and determine whether/how the method(s) can be applied in other states. In the current cycle, recruit two other states to initiate the supplemental data collection. For the longer-term, use the [portfolio of committee work in this area](#), NASBLA's BII training/coursework, and the [2024 recommendations on human factors from NBSAC's Prevention through People Subcommittee to the Coast Guard](#), to build support for the systematic collection of such data across the states and the national adoption of the revised list of contributing factors.

**2024 TEAM:** Seth Wagner (temporary lead [seth.m.wagner@uscg.mil](mailto:seth.m.wagner@uscg.mil)), Pete Chisholm, Jeff Decker, Jonathan Hsieh, Nick Korade, Josh Landrum, Eric Lundin, Caroline Mantel, Gene Molteni, Ted Sensenbrenner, Karen Steely.

## ERAC S&R 2024-1 NATIONAL RECREATIONAL BOATING SAFETY SURVEY (NRBSS)--INPUT TO 2026

Provide feedback on the past and input to the future NRBSS surveys in keeping with 4.g. of the MOU/A between the Coast Guard and NASBLA. In cooperation with CG-BSX, complete [activities designed to gather input from external stakeholders on data uses, obstacles, and needs](#); continue the committee's reviews of the 2018 survey reports and instruments and suggest possible improvements to the tables and questions for 2026; alert the states about USCG, NORC and partnering organizations' actions toward developing samples of registered boaters in their jurisdictions; serve as a resource to CG-BSX as supporting materials are developed for OMB approval of the survey process; and continue offering recommendations on survey products and formats likely to be of most use to the states.

**2024 TEAM:** Jonathan Hsieh (CG lead; [jonathan.c.hsieh2@uscg.mil](mailto:jonathan.c.hsieh2@uscg.mil)), Tammy Terry, Joanna Andrade, Paul Littman

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## ERAC S&R 2024-2 INVESTIGATE FACTORS ASSOCIATED WITH PANDEMIC

Conduct a deeper dive into factors associated with recreational boating incidents reported during the “pandemic years”—for project purposes, operationalized as 2020-2021. Initially analyze two sets of boating data—a 2019-2021 dataset encompassing records pulled from the BARD “human errors” tab; and a larger, newly-available dataset of releasable incident records covering the period 2014 through 2022. Evaluate the boating incident data for a period before, during, and after the pandemic years (as defined) and report as to whether there are indicators of any differences or no apparent impacts. Results of the initial analyses should be used to determine if there is sufficient evidence for additional work in the context of the pandemic or, alternately, potential for a charge(s) on another topic(s).

**2024 TEAM:** Paul Littman (lead; [paul.littman@parks.ny.gov](mailto:paul.littman@parks.ny.gov)), Tammy Terry, Jeff Decker, Deb Green, Jonathan Hsieh, Eric Lundin, Gene Molteni, Ted Sensenbrenner, Karen Steely, Susan Weber; Mark Chanski\*, Jack Ellis\*.

\* Not appointed to ERAC, but participating as resources/SMEs to topic.

## ERAC K&CM 2024-1 LIGHTHOUSE EVALUATION AND ERAC PRODUCT PLACEMENT

Continue evaluating the current reach of the [NASBLA Lighthouse](#) as a resource compared to other NASBLA knowledge and learning tools and evaluate those tools for sharing existing and near-future ERAC products. Determine how ERAC products should be grouped and presented in a manner that allows users to access them quickly and efficiently. Identify the best outcome for the ERAC Best Practices (IR&A 2024-1) tools developed to coincide with [CG-BSX Policy Letter 23-01, CH-1 Recreational Boating Incident Reporting](#). Gather feedback on team proposals and prototypes from all members of ERAC and work with NASBLA to incorporate changes into the website. When complete, this activity should be reclassified as an ongoing committee function, possibly with a standing workgroup to facilitate additional marketing, distribution and housing of committee materials going forward.

**2024 TEAM:** Joanna Andrade (lead; [Joanna.Andrade@parks.ca.gov](mailto:Joanna.Andrade@parks.ca.gov)), Stacey Brown, Jonathan Hsieh, Samm Teixeira, Tammy Terry, NASBLA: Garrison Toy, Ron Sarver