

## **2024 Membership Meeting November 5 – 7, 2024**

Wednesday, November 6<sup>th</sup> (9:00am-5:00pm) Activity: SBSA Business Meeting

Location: WWU Shannon Point Marine Center – Sulkin Commons

\*Note: Meeting has been recorded. Please check SBSA website for recording/ detailed information.

### 09:00- Welcome & Introductions

- Dr. Brian Bingham
- Schedule change for Thursday pool. Morning lectures, 7-10pm pool session.
- Safety considerations.

### **SBSA History**

- SBSA created by founding member Henry Fastenau following a UC Davis boat incident and fatality
- Some of SBSA goals include:
  - Support for scientific boating community
  - Guidelines for organizations
  - Forum for members to share information on standards, ask questions, etc.

### **Motorboat Operator Training Course (MOTC) Overview**

- Offered by SBSA. Provides an overview of boating education and safety.
  - MOCC was started by the US Fish and Wildlife Service
  - Goal to prevent boating incidents with standardized boating training
  - MOCC identified as most robust and hands-on training at the time following the UC Davis incident.
    - SBSA founded and MOTC was coined
    - Leading distinction is that SBSA MOTC does not certify operators. Provides them with robust training to seek certification from their home organization
- MOTC has reciprocity with MOCC. Can blend courses with government and non-government employees.
  - Growing support network to continue developing instructor curriculum, advancing training materials, and keeping a high level of instructor standard and support.

### **Discussion points:**

- Sean Dillon, Rizcon: How to increase accessibility of MOTC courses for small programs/ programs without much funding/ people who work in a private sector?
  - Taylor: We're finding it's difficult for MOTC programs to build up on their own. It's a big priority for SBSA to work on this... but we need your support to accomplish this. It's up to the community and the membership to support this goal of promoting hands-on, safe boating.
  - James Fitzgerald: Long-game to start the conversation.
  - Will Love: Encourage you to ask membership
- Luke Robert: Opening up courses to non-affiliates/ open enrollment
  - James Fitzgerald Must talk to risk management early on. Figure out how to include non-personnel/ external people into the course.
  - Derek Smith: WWU is able to support non-affiliates and help programs build up

### 10:00-SBSA Membership Update (SBSA Board of Directors)

- *Welcome Zoomers and Membership Update*
  - *Add a bounce email message to direct non-members on how to join if they want access.*
  - *To keep listserv free and open access, or limit it to paid SBSA membership?*
  - *SBSA outreach events at Governor's safety conference and boat shows, cshema*
  - *Create regional outreach kit for outreach kits.*
- *Elections (collect nominations)*
  - *Please submit nominations for Vice President and Training Director by Nov 27<sup>th</sup>.*
    - *Position will run from Jan 1, 2025-December 31, 2026.*
    - *Elections will take place December 1-22<sup>nd</sup>. Winners announced December 27<sup>th</sup>.*
- *Financial Report*
- *Stats*
  - *Please submit statistics yearly before April 1st. SBSA > Resources > Statistics Reporting. Estimates are fine.*
  - *Submitting stats for recreation vs scientific boating? Recommendation: If it's under the purview of your program, then report those numbers. If not, then do not report.*
  - *Are we missing any important stats?*
    - *Luke Robert: Since there isn't a centralized database of boating accidents, it's difficult to pitch a risk to their department.*
    - *Taylor Eaton: We currently use the google group as an informal way to present this. Should we provide formal incident reporting to the stats?*
    - *Jim Hayward: Original application for sci diving exemption was based on incident stats; scientific diving incidents much lower than commercial diving. Since they had the data, that benefited the argument. AAUS currently deciding if they should be collecting more stats to help with long-term data collection.*
      - *Summarize near misses and potential outcomes.*

- <https://forms.gle/8s7zBjbqFfPeqZsd7>
- *Training Awards*
  - *We've increased training award amount to \$500 per award. We provide 4 awards per year.*
  - *Please have students/ staff submit for this award.*
- *Training Update*
  - *Email Dan Battaglia (training director) with any training questions/ clarifications Daniel.battaglia@oregonstate.edu*
  - *SBSA provides resources for not just powerboat safety, but also for paddlecraft safety training.*
  - *Working to update the SBSA operational and training guidelines; define and enact policy regarding MOTC Instructor levels/ defining instructor minimum standards*
  - *How does potential eLearning impact hours in the course? James does not see an effect; will still have to provide in-person, experiential, and knowledge-based instruction for students.*
    - *24-hour wise... some courses do a hybrid elearning course w hands-on training. Has had a poor outcome compared to MOTC.*
  - *Derek Smith: Is all this work occurring to help formally recognize MOTC?*
    - *James Fitzgerald: I think that's the progression we're moving towards. We're heading towards having standards in place, cataloging numbers/ data/ statistics.*
    - *Taylor Eaton: We need a database of SBSA Instructors. eLearning platform may be helpful to keep track of that.*
  - *Figuring out compromises for course. MOTC standards are minimum standards. You can still keep smaller instructor to student ratios; do it over 4 days rather than 3.*
  - *Not all instructors be present during lecture period; should have correct ratios for performance-based skills.*
- *Instructional Excellence Award*
  - *Captain John Douglas*

### **Discussion points:**

- Are your programs providing formal education/ training for recreation department?
  - James Fitzgerald: He has been asked to provide training for those departments.

### **-Zoom portion of meeting paused until afternoon presentations**

12:00- Lunch Break

12:30- Tour of Shannon Point Marine Center Vessels (Nate Schwarck)

**-Zoom restarted for afternoon presentations. Check recorded link if you'd like detailed transcripts.**

#### 14:00- Risk Management NOAA (Chad Yoshinaga)

- Discussed NOAA's approach to risk management: 2 steps with planning. 1 step with GAR.
  - Baseline assessment
    - What can and can't the boat do within the confines of the area you're working in/ your operation?
  - Mission Based risk assessment
    - Job hazard analysis to evaluate the mission equipment, operations, and personnel
  - Generalized Assessment of Risk (GAR)
    - Customized to your own operation

\*Chad passed out hardcopies of the NOAA documents. Email him if you'd like digital copies.  
[chad.yoshinaga@noaa.gov](mailto:chad.yoshinaga@noaa.gov)

- James Fitzgerald: Hurdle for their operations are getting the "idea" to be written down, the plan to be given to all staff/ crew, and a GAR performed by all operators and crew.
- Get in writing "supervisor or designee" for decision-making
  - NOAA has everyone sign initials on GAR before getting underway.
- Importance of annual (at a minimum) reviews; importance of collecting feedback from crews.
  - NOAA collects feedback by online incident reporting form. Collect near misses, accidents, etc.
- Thomas Arklie: How do you prevent people from manipulating the GAR to get a green light?
  - Chad: We use specific NOAA style GAR because it gives defined GAR levels for winds, sea state, etc. and which numbers it corresponds with. So then GAR levels are also tied to strict policy and how it can't be broken
  - Incorporate PIs/ staff into instructional or logistical support for course to build comfort, communication, and confidence between teams

#### 15:00-Break

#### 15:10- Washington State Dept. Labor and Industries (Christopher Mercado)

##### Case 1

- Patrol boat operator seemed confused/ agitated. Hole in fire pump exhaust was filling space with CO.
  - Crew provided operator with oxygen administration

##### Some Lessons learned:

- Operator wasn't aware what CO alarm was. Fire pump had been fixed twice before, but was never added to checks.

- SCBAs present... but one of the crew had a beard and was approved from a fit test. So not working through processes well. Should go through Industrial Hygienist for fit test.
- Operators should be trained on boat operation... but also need to be trained on basic equipment. Create daily/ monthly/ annual checklists that operators can use to find potential issues.
- Have CO alarms placed to be visible to personnel

## Case 2

- Two employees were releasing smolt upriver. Operator was returning; river level was low; operator should have been on a plane over that section, but operator was never trained for that.
  - Boat went broadside and capsized. One employee was swept underneath the trap, and was able to swim to shore. Other employee was able to grab onto the top of the trap and get onto boat.
- Employee had open water experience, but was not yet comfortable with river experience. Had requested MOTC training but was not able to get it since there were “100 people ahead of him”
  - Provide proper training for environment and work
  - Have documentation/ checklist of training so that you ensure you reviewed all important information in training
- Did not have proper PPE provided to operator for chainsaw use.
  - Provide all employees, including seasonal employees with training and needed/ required PPE.
- Uscgboating.org CFR 33 Subchapter S <https://www.ecfr.gov>

## 15:45- SBSA eLearning Platform Update (Carly Haack)

- Scientific boating eLearning materials have been created using MOTC manual information.
- Materials are on the AAUS scientific diving elearning platform. Thank you Derek Smith and AAUS board for giving us advice, assistance, and free space on this platform.
  - To do: create a scientific boating elearning subcommittee to help with revisions: errors, out-of-date content, photo updates.
    - Beta testing of eLearning with a small group of individuals. Test elearning with MOTC courses and scientific boating courses. Is it useful? How to make the platform more useful?
    - Define how to use elearning within MOTC
    - Planned larger sbsa OM roll out for fall 2025; may use a model of general SBSA membership fee. Additional elearning fee; may apply this fee to help cover payment for someone to provide admin support for elearning.

- Carly will be admin support for this year. Reach out to her with any errors/ technical issues that you run into.
- If you'd like to be part of an eLearning subcommittee, please reach out to Carly Haack [carlyhaack@ucsb.edu](mailto:carlyhaack@ucsb.edu)
- Please upload photos/ videos we can use for eLearning to this folder: <https://ucsb.app.box.com/f/1ac85911730747539359f2b829740b8e>

**Discussion points:**

- Follow-up with Chad Yoshinaga on adding “over the side gear” module to SBSA eLearning.
- Add video content to the eLearning platforms
- Potential to use this as refresher material/ create separate shorter refresher?
- Can eLearning eventually substitute for classroom time to increase on water time in MOTC?
- Establish eLearning subcommittee- please email Carly Haack if interested
- Take DOI distance learning to compare for reciprocity. Go to the site and try to access
- Creating an AAUS/ SBSA liaison position to keep more collaboration/ partnership between the two

16:45- Closing Thoughts, Farewells and Group Photo! (Taylor Eaton)