

2018 Marine Board Fall Meeting

Future Marine Navigation Technology: “Advantages and Challenges”



Marine Board “Nav Team”

Dick West
Sam DeBow
Tom Jacobsen
Craig Philip
Tom Bostick
Scott Brotemarkle
Brie Schwartz



Agency Leadership Perspectives

- Rear Admiral Shepard M. Smith, Director, Office of Coast Survey, National Oceanic and Atmospheric Administration
- Captain Kevin C. Kiefer, Deputy Director, Marine Transportation Systems, U.S. Coast Guard
- Thomas P. Smith, SES, Chief, Operations and Regulatory Division, U.S. Army Corps of Engineers

Technology Stakeholder Perspectives (User, Researcher, Trainer)

- Captain Tom Jacobsen, Jacobsen Pilots, Marine Board Member
- Andy Armstrong, Co-Director, National Oceanic and Atmospheric Administration/University of New Hampshire Joint Hydrographic Center
- Tim McLellan, Assistant Professor, Department of Marine Transportation, United States Merchant Marine Academy



“AI systems lack the ability to represent knowledge. Essentially, knowledge representation is the ability of AI to glean information about the world that it can then use to solve complicated problems. It would mean artificial intelligence could reason about the world rather than just solely taking action within it, similar to how humans problem solve.....”

.....Bill Gates

