

**RICHARD F. MILLER**  
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**EDUCATION:**

**Master of Science, Education: Post-Secondary and Adult Education:** 2010, Capella University, Minneapolis, Minnesota

**Bachelor of Science, Physical Education and General Science:** 1975, Springfield College, Springfield, Massachusetts

**RELEVANT EXPERIENCE:**

**Maine Maritime Academy:** January '06 to August '23: Emeritus Professor

- Dean of Faculty
- Marine Transportation Department, Chair
- Professor, Marine Transportation Department
- Classes: Seamanship, Small Craft Construction, Celestial Navigation, Terrestrial Navigation, Meteorology, Marine Weather Routing, Electronic Navigation, USCG License Exam Preparation

**Maine Maritime Academy:** July '05 to August '23 (seasonal)

- Master, Sailing School Vessel *Bowdoin*. Captain and training officer aboard the Academy's Arctic Schooner *Bowdoin*. Voyages include cruises to Newfoundland, Labrador, and Greenland. 2008 Arctic Voyage to Baffin Bay west coast of Greenland.

**STCW Certified Instructor:** 2009 to Present

- Instructor, Unlimited Radar Observer recertification: Maine Maritime Academy
- Advanced Meteorology: Maine Maritime Academy
- Instructor, Leadership and Managerial Skills: Sea Education Association

**Sea Education Association:** Seasonal 2009 to Present

- Master/Chief Mate, SSV *Corwith Cramer*
- Master/Chief Mate SSV *Robert Seamans*
- Faculty: Classroom and Onboard Instructor of Nautical Sciences – Leadership, Piloting, Meteorology and Celestial Navigation

**Ocean Classroom Foundation:** 2004/2005 – Master/Mate

- Responsible for licensed duties and presented maritime educational program for student crew.
- *S/V Harvey Gamage*, *S/V Westward*, and *S/V Spirit of Massachusetts*

**Penobscot Bay and River Pilots:** June '03 to September '08

- Relief Captain/Mate: Operate 49'M/V *Penobscot Pilot* transporting Bay and River Pilots

**World Ocean School:** Feb. '04 to Sept. '04 – Captain/Port Captain

- Master of *S/V Roseway*, a 137' schooner.
- Assisted with crewing, USCG requirements, admissions, and port arrangements.

**Hurricane Island Outward Bound School:** '98 to '04 – Sea Program Director:

- Responsible for management of HIOBS sailing and sea kayak programs and the four base sites that support these programs.
- Overseeing fleet of five power vessels, eighteen sailing vessels, and 10 small craft
- Develop and implement \$1.5 million budget/ \$100K capital budget

- Responsibilities include curriculum development, budget planning and implementation, assessment of program quality and safety, staffing and training, assessing/creating policies and procedures, and working with senior management and board of directors.

**Hurricane Island Outward Bound School, Rockland, ME:** '85 to '93 – Instructor, Course Director, Island Manager:

- Instructed and directed Outward Bound sailing courses.
- Master of M/V *Vigilant*, a 37' passenger vessel.
- Managed island base sites, their systems, staff, waterfront, and vessels.
- Supervised Outward Bound courses at the site.

**Publications:**

- Miller, Capt. Richard. (2019) An Introduction to "*Risky Business: A Maine Village Goes Global*" Richard M. Ames
- Miller, Richard. (2015) Safety Aloft, Chapter in G. Andy Chase's *Auxiliary Sail Operations*.
- Miller, Richard. (2015) Guidelines for Safety Aloft, best practice document posted by Tall Ships America.
- Miller, Richard. (Spring 2011). Maine Maritime Academy Commissions New Navigation Vessel, *Mariner, The Alumni Magazine of Maine Maritime Academy*, P. 26 & 27.

**OTHER EXPERIENCE:**

- **Mystic Seaport:** Guest instructor of Traditional Navigation aboard the *Schooner Brilliant*. Provided traditional coastal piloting and celestial navigation skills to adult program participants. This pilot program coincided with the SEaprot's museum display of the Harrison clocks – "Ships, Clocks, & Stars: The Quest for Longitude".
- **Tall Ships America:** Design and Coordinator for Annual Safety Under Sail Forum 2012 through 2024
- **Yacht Deliveries/ Relief Captain:** Contract Captain
- **Consultant – Lodestone International:** Design safety reviews and perform audits for maritime educational programs/schools.
- **College of the Atlantic, Bar Harbor, ME:** Fall '96 Guest Professor
- **Ullswater Outward Bound Mountain Center, Near Penrith, Cumbria, United Kingdom:** Instructed Outward Bound courses in the Lake District of England.
- **Martha's Vineyard Regional High School, Oak Bluffs, MA:** '76 to '81 Teacher: Instructed classes in Basic Math, Geometry, Algebra, Ecology, Physics Concepts, and Anatomy.

**CERTIFICATIONS:**

- US Coast Guard Merchant Marine License, Master of Steam, Motor or Auxiliary Sail Vessels (1600 gross register tons & any vessel 3,000 gross tons), Oceans. Licensed since 1986
- Able Seaman, Unlimited
- FCC GMDSS Radio Operator License
- **STCW:** Basic Training, Proficiency in Survival Craft (Lifeboatman), Basic and Advanced Firefighting, Bridge Resource Management, Medical Person in Charge, Celestial Navigation 500 gt/1600gt, Advanced Meteorology, ECDIS (Electronic Chart Display and Information System), CSO/VSO (Company Security Officer/Vessel Security Officer), Leadership and Managerial Skills
- Unlimited Radar Observer Certification, ARPA
- Class B Commercial Driver's License, Airbrake cert., Maine
- NAUI SCUBA DIVER certification 7/81 P.A.D.I. Advance Open Water Diver 7/83
- Registered Maine Guide, Recreation, Sea Kayaking, & Boat Operator

**ACCOMPLISHMENTS:**

- 2014 Volunteer of the Year, Tall Ships America
- Captain of Arctic Schooner Bowdoin on her 29<sup>th</sup> voyage above the Arctic Circle. West Greenland coast to 70° 22' N. (2008)
- 4 time Fastest Maine Runner, Boston Marathon, PR 2hr. 35min. 40sec.
- Kellogge Award Recipient – Outward Bound recognition for outstanding contribution and commitment to the Hurricane Island Outward Bound School.