

MPSEC

Maritime Primary & Secondary Education Coalition



*Fostering maritime education
& workforce development for
students, educators and
industry.*



Raise Your Hand

If you fell into a career in maritime.



Raise Your Hand

If you sought out a
career in maritime.



Raise Your Hand

If your company has implemented specific strategies to recruit and retain a diverse workforce.



Raise Your Hand

If you think collaboration between maritime industry and education institutions are crucial for workforce development.



89,510 Officers

The additional need to operate the world merchant fleet.

2026

26,240 STCW Shortfall

Demand for seafarers outpaced supply.

2021

11.8% Officer Demand

Rise in officer demand since 2015.

2015

Global Maritime Workforce Gap



Analysis Reveals:

- Up to 13% of mariner positions may be unfilled.
- Known new vessels in the future will require an additional 1,300 mariners.
- Offshore Wind is expected to require upwards of 4,400 mariners.
- Total demand for US mariners is estimated at 5,700.

United States Maritime Workforce Gap



Maritime must
increase recruitment
initiatives.

4 QUALITY
EDUCATION



Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

5 GENDER
EQUALITY



Achieve gender equality and empower all women and girls.





MARITIME RECRUITMENT



NAMEPA Annual Conference 2023

*Represent approximately
70% of the new U.S. officers
licensed each year.*





WHEN DOES RECRUITMENT BEGIN?







MARITIME RECRUITMENT FOR **STUDENTS**



Boys & Girls Club of Bridgeport,
CT who read
The Little Bulker and built their
own paper boats.

- NAMEPA



MARITIME RECRUITMENT FOR STUDENTS



4th graders in Georgia tracking the *STI Maestro*, the ship they adopted through the **Adopt A Ship program**.

- NAMEPA

This class explored geography, culture, environmental conservation, marine operations, communication, and career opportunities exchanging emails between their teacher and senior officers aboard the vessel.



MARITIME RECRUITMENT FOR STUDENTS



High school students in the *Who Works the Rivers* events hosted by RiverWorks Discovery to explore careers on and along our nations' rivers.

- RiverWorks Discovery

NAMEPA Corporate Member & RiverWorks Discovery Partner: Cargill



MARITIME RECRUITMENT FOR STUDENTS



Playing *NAMEPA's Maritime Adventures Board Game* with campers at the Nanakuli Clubhouse in Hawaii watching the *MV Janet Marie* make its grand entrance to Port Hawaii.

Sponsored NAMEPA Corporate Member: The Pasha Group

- NAMEPA



MARITIME RECRUITMENT FOR STUDENTS



Massachusetts Maritime Academy Cadets talking to high school students about their experiences.



MARITIME RECRUITMENT FOR STUDENTS



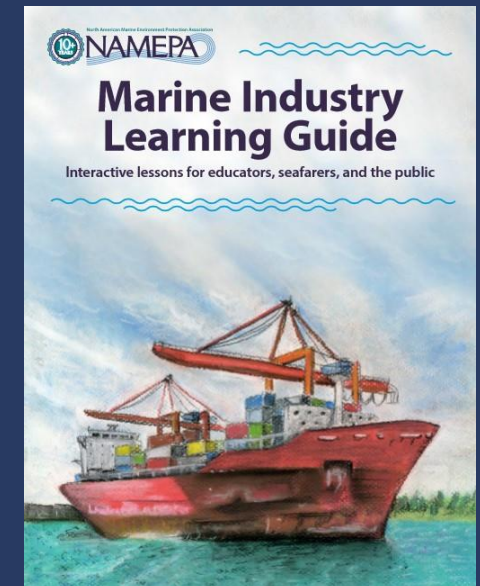
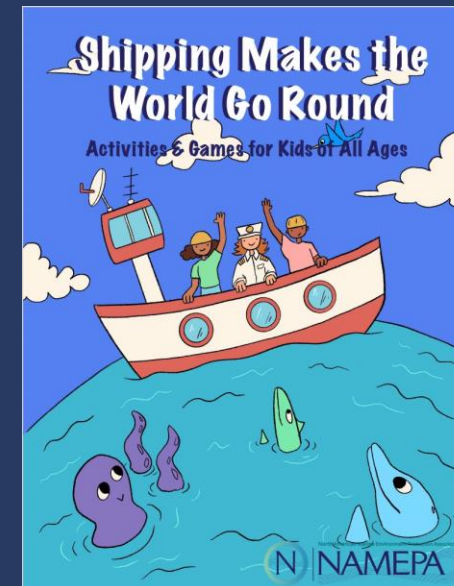
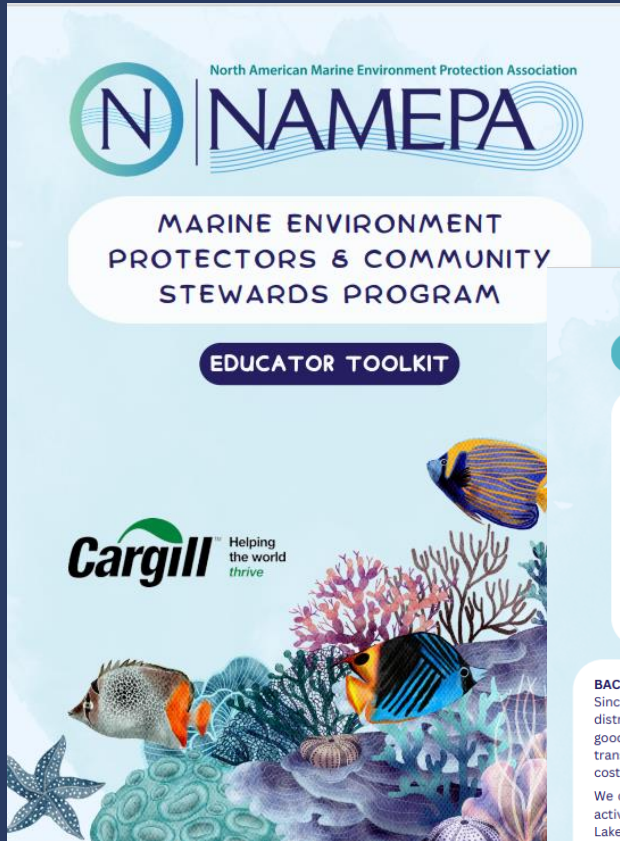
Cape Cod Maritime Museum Young Mariner campers going out on the boat to learn navigation, vessel operations, and marine science!



MARITIME RECRUITMENT FOR EDUCATORS



Professional Development for
both formal and informal
educators.





MARITIME RECRUITMENT FOR EDUCATORS



Strategies on sharing the **value proposition of maritime** with the future workforce.





MARITIME RECRUITMENT FOR EDUCATORS



Harbor & Maritime schools and the incredible educators who engage students and propel them to be contributing members to our society.

NY Harbor School

NAMEPA Annual Conference 2023



MARITIME RECRUITMENT FOR EDUCATORS



Recruitment for educators is
resource sharing & networking.



Teaching with Small Boats Alliance

NAMEPA Annual Conference 2023



MARITIME RECRUITMENT FOR **INDUSTRY**



Guest speaking with
real-world perspective.
- RiverWorks Discovery

Simulations for
classrooms.
- Kongsberg





MARITIME RECRUITMENT FOR INDUSTRY



Apprenticeships & Internships
opportunities.





MARITIME RECRUITMENT FOR INDUSTRY



Conferences & Events



American Salvage Association & NAMEPA Science Awards

MARITIME WORKFORCE PATHWAYS
OCTOBER 17, 2022 AT 4:00 PM EDT



KEYNOTE	PANELIST	PANELIST	PANELIST	MODERATOR
				
CAPTAIN JENNIFER NORWOOD HEAD OF OPERATIONS & CUSTOMER SUCCESS SAILPLAN	TIA LEHMANN 3RD ASSISTANT ENGINEER R/V THOMAS G. THOMPSON (UW) OSG	MEGHAN REILLY EDUCATION & OUTREACH ASSOCIATE, NAMEPA DIRECTOR SCHOOL PROGRAMS, CAPE COD MARITIME MUSEUM	COLLEEN WEIR 3RD ASSISTANT ENGINEER TRANSOCEAN	MOLLY DUSHAY EDUCATION & OUTREACH DIRECTOR, NAMEPA SECRETARIAT, MPSEC HIGH SCHOOL SCIENCE TEACHER

Maritime Workforce Pathways: Women in Maritime



MPSEC



Community of students, educators & industry stakeholders that work collaboratively and share resources **to** help students **identify maritime as a career option.**

MPSEC

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Become a Member!



Molly Dushay

MPSEC Director

Education & Outreach Director, NAMEPA

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