

The *Log*

Buzzards Bay Sail and Power Squadron
c/o Andrew Campbell
PO Box 33, Woods Hole, MA 02543

The LOG is brought to you with the assistance of a grant
from the Willett Fund of the Cape Cod Foundation.

United States Power Squadrons®



**Tug, Woods Hole Passage
(Photo by Nawrie Meigs-Brown)**



2022/2023 EVENTS

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WINTER EVENT PLANNER

2023

FOR CCSPS EVENTS PLEASE SEE THE CCSPS (Americas Boating Club Cape Cod) WEB SITE

January 7 Saturday	Celestial Navigatin / Junior Navigation Jonathan Bourne Public Library 2 nd floor conference room	12:30 – 4:00 PM
January 17 Tuesday	BBSPS E Board Meeting live virtual format on line	6:30 - 8:30 PM
March Thursday	America’s Boating Course (ABC) 9; 16; 23; 30	6:30 – 9:00 PM exam Sunday April 2
March 7 14 28	Seminars Tuesday Evening New England / Cape Cod Weather Navigating & Boating with Electronics Rules of the Road & Ropes	6:30 – 9:00 PM
Saturday March April May	Comprehensive Coastal Navigation (P & AP) 4; 11; 18; 25 Piloting 1; 8; 15; 22; 29 Advanced Piloting 6; 13 if needed Advanced Ploting	9:00 – 12:00 AM
Wednesday March April	Marine Electrical Systems Course 1; 8; 15; 22; 29 5; 12; 19	6:30 – 9:00 PM
March 21 Tuesday	BBSPS E Board Meeting live virtual format on line	6:30 – 8:30 PM
April 9 Saturday	BBSP membership meeting / change of watch dinner Save The Date !	



BUZZARDS BAY SAIL AND POWER SQUADRON
presents

COASTAL NAVIGATION COURSE
2023

Piloting and Advanced Piloting are the United States Power Squadrons courses providing you with skills needed to safely navigate coastal and inland waters.

Since most boaters use GPS, these courses provide you with what you need to successfully use GPS or a chartplotter to plan and navigate. You'll also learn how to check your navigation, and what to do if the GPS becomes faulty.

By merging the two courses, we can substantially reduce the overall class time. If you have not taken Piloting or wish to review the material take the initial sessions and be up to speed for Advanced Piloting.

WHEN:	Saturdays	9:00AM – 12:00 PM
	March 4; 11; 18; 25	Piloting
	April 1; 8; 15; 22; 29	Advanced Piloting
	May 6; 13 (if needed)	Advanced Piloting

Notes:

We will use 2 methods for class presentations: live interactive ZOOM classes as well as in person classes. Depending on the material being presented and the student's needs we will use both these methods. We will always make sure the students fully understand the material through in person classes and if necessary individually scheduled in person discussion/help during the week following the presentation.

The longer Saturday presentations and combination of P and AP shortens the overall duration of the course.

COST:	If you have NOT taken Piloting	\$165
	<i>Includes: USPS course plotter / ultra light dividers</i>	
	<i>AP student manual / Weekend Navigator</i>	
	If you have recently taken Piloting	\$90
	<i>(have "The Weekend Navigator", dividers, and plotter)</i>	
	<i>Includes: AP student manual</i>	
	Non USPS member add \$100	

PRE-REGISTRATION IS REQUIRED BEFORE FEB 12
SO WE CAN ORDER COURSE MATERIALS

TO REGISTER: Send a completed registration form along with a check made payable to "Buzzards Bay Sail & Power Squadron" to:

Richard Moore PO Box 1685 Sagamore Beach, MA 02562-1685

Email: chmbrrck@live.com Telephone: 508-888-8238



BUZZARDS BAY SAIL AND POWER SQUADRON
presents

AMERICA'S BOATING COURSE
2023 SCHEDULE

America's Boating Course (ABC) is recognized as one of the very best ways to prepare yourself for boating.

ABC meets NASBLA certification requirements, is recognized by the U.S. Coast Guard, and **meets MA requirements for boat operation by 12-15 year-old boaters.**

ABC covers the basics of operating a boat safely, including rules of the road, aids to navigation, required equipment, and boat handling techniques.

Each class is a live, interactive, virtual presentation using ZOOM on 4 weekday evenings followed by a "drive in" in-person, proctored exam given the Sunday morning following the last class.

Month	Classes	Time	Exam
MARCH	9; 16; 23; 30	6:30 – 9:00 PM	April 2
APRIL	6; 13; 20; 27	6:30 – 9:00 PM	April 30
MAY	4; 11; 18; 25	6:30 – 9:00 PM	May 28
JUNE	1; 8; 15; 22	6:30 – 9:00 PM	June 25
JUNE	26; 27; 28; 29	6:30 – 9:00 PM	July 2
SEP 21; 28	OCT 5; 12	6:30 – 9:00 PM	Oct 15

ATTENDANCE ALL 4 DAYS PLUS THE EXAM IS REQUIRED

COST: \$65 per student

You will receive a copy of the USPS ABC book, a summary of MA boating laws, and a US Coast Guard safe boating guide prior to the class.

PRE REGISTRATION IS REQUIRED
A PRE COURSE ASSIGNMENT NEEDS TO BE COMPLETED
WE MUST MEET BEFORE THE CLASS TO DISTRIBUTE COURSE MATERIALS

TO REGISTER: Send a completed registration form* along with a check made payable to "Buzzards Bay Sail & Power Squadron" to:
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Email: chmbrrck@live.com Telephone: 508-888-8238

* *Registration form can be found on the web site www.bbsps.org*



BUZZARDS BAY SAIL AND POWER SQUADRON
presents

MARINE ELECTRICAL SYSTEMS COURSE
2023

Marine Electrical Systems covers the practice of wiring your boat, including boat electrical wiring practices and diagrams, direct and alternating current power, galvanic and stray current corrosion, and lightning protection. Troubleshooting is emphasized throughout, so participants should feel comfortable performing wiring tasks after this course.

Your boat contains a LOT of wiring and many electrical systems. This course helps you feel comfortable and confident with these, their upkeep and use.
KNOWLEDGE is CONFIDENCE.

WHEN: **Wednesday** **6:30 – 9:00 PM**
 MARCH 1; 8; 15; 22; 29 **APRIL 5; 12; 19**

WE WILL USE BOTH LIVE ON LINE PRESENTATIONS AND IN PERSON CLASSES FOR THIS COURSE

COST: **\$80 USPS member** **\$180 non-member**

PRE REGISTRATION PRIOR TO FEBRUARY 15 IS REQUIRED

TO REGISTER: Send a completed registration form along with a check made payable to “Buzzards Bay Sail & Power Squadron” to:
Richard Moore PO Box 1685 Sagamore Beach, MA 02562-1685
Email: chmbrrck@live.com Telephone: 508-888-8238

We will email you an on-line link just prior to the first session.



BUZZARDS BAY SAIL AND POWER SQUADRON
presents

2023 SEMINAR SERIES

BBSPS will present a series of *live, interactive, online* seminars on a comprehensive range of boating topics designed to make you a more confident and secure boater.

JUST WHAT YOU NEED TO NAVIGATE THE CAPE WATERS
KNOWLEDGE IS CONFIDENCE

all seminars are presented on-line evenings 6:30 – 9:00 PM

Date	Cost	Subject
	<i>USPS member</i>	
	<i>/non-member</i>	
MARCH		
7 Tuesday	\$30/40	New England / Cape Cod Weather
14 Tuesday	\$30/40	Navigating and Boating with Electronics
28 Tuesday	\$30/40	Rules of the Road & Ropes
APRIL		
4 Tuesday	\$40/50	Basic Power Boat Handling
11 Tuesday	\$40/50	Advanced Power Boat Handling
18 Tuesday	\$40/50	Basic Coastal Navigation part 1 of 2
25 Tuesday	included	Basic Coastal Navigation part 2 of 2
MAY		
2 Tuesday	\$40/50	Basic Powerboat Handling
9 Tuesday	\$30/40	Advanced Anchoring
6 Tuesday	\$40/50	Advanced Powerboat Handling
30 Tuesday	\$30/40	Trailer a Boat
JUNE		
6 Tuesday	\$40/50	Basic Powerboat Handling
13 Tuesday	\$30/40	New England / Cape Cod Weather
20 Tuesday	\$40/50	Advanced Powerboat Handling
JULY		
11 Tuesday	\$40/50	Basic Powerboat Handling
25 Tuesday	\$40/50	Advanced Powerboat Handling
AUGUST		
1 Tuesday	\$30/40	Navigating and Boating with Electronics
8 Tuesday	\$40/50	Basic Powerboat Handling
15 Tuesday	\$40/50	Basic Coastal Navigation part 1 of 2
22 Tuesday	\$40/50	Advanced Powerboat Handling
29 Tuesday	included	Basic Coastal Navigation part 2 of 2

SEPTEMBER

5 Tuesday \$30/40 [Advanced Anchoring](#)
12 Tuesday \$30/40 [New England / Cape Cod Weather](#)

Join us for a fun and effective learning experience with no tests and no pressure where the instructors are live on line with you and available to answer all your questions.

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Email: chmbrrck@live.com Telephone: 508-888-8238**

**We will email you an on-line link just prior to the presentation.
the registration form can be found on the www.bbsps.org web site*

The View

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HAPPY NEW YEAR!

Well, 2022 is now behind us. With a new year ahead, we are planning a host of seminars and courses. We'll really get going in March. Right now, we are putting the finishing touches on our Offshore Navigation course.

We are also planning our first social event and change of watch for April.

Even though we can get together, we will continue a large part of our educational program live and online. We have found that most folks like it that way. We'll continue to have face-to-face working sessions when it makes the most sense.

We have been informed that we have approval to continue offering our America's Boating Course live and online as we have for the past couple of years. We get to meet the participants when we provide them with the materials and when we proctor the final exam required by the State and NASBLA.

As the weather warms, we will be offering boat handling programs, both online and on the boat. In addition we offer free vessel safety inspections and assistance with your boating activities including handling your boat and using your onboard equipment. All you need to do is ask. If you have questions we can help with during the winter months, let us know.

Now that we have a short lull in our activities, it would be a good time to offer your suggestions and requests for programs to be offered in 2023.

Stay warm, stay tuned and think about boating!

Best regards,



Bob Sweet

EDUCATION REPORT JANUARY 2023

2022/2023

Celestial Navigation / Junior Navigation

Bob Sweet & Dick Moore

Monday evenings: September; October; November; December

6:30-8:30 PM

Saturday/Sunday October 8; 9 sextant training & sun sights

Lectures are live, virtual on line presentations. Sextant training and sight taking is in person and hands on.

Sight reduction, lines of position and plotting are in person and hands on training.

This is the first of a two part program of study in offshore navigation It is designed as a practical how to course.

Subject matter includes: basic concepts of celestial navigation; how to use the mariner's sextant to take sights of the sun; the importance and techniques of accurate time determination; use of the nautical almanac; how to reduce sights to establish lines of position; and the use of special charts, plotting sheets and other navigational data for offshore positioning and passage planning.

The 5 students taking the JN class

have completed their sun sights and have completed their sight folders.

Have completed their practice "cruise".

Are working on the JN take home exam.

The final class meeting was on Saturday January 7 at the Jonathan Bourne Public Library.

2023

ABC Classes

Bob Sweet & Dick Moore

March	9; 16; 23; 30	6:30 – 9:00 PM	exam April 2
April	6; 13; 20; 27	6:30 – 9:00 PM	exam April 30
May	4; 11; 18; 25	6:30 – 9:00 PM	exam May 28
June	1; 8; 15; 22	6:30 – 9:00 PM	exam June 25
June	26; 27; 28; 29	6:30 – 9:00 PM	exam July 2
September	21; 28 October 5; 12	6:30 – 9:00 PM	exam October 15

Seminars

Bob Sweet & Dick Moore

Tuesday evenings 6:30 – 9:00 PM			
March	7; 14; 28	April	4; 11; 18; 25
May	2; 9; 16; 30	June	6; 13; 20
July	11; 25	August	1; 8; 15; 22; 29
September	5; 12		

Comprehensive On Water Training

Bob Sweet / Dick Moore

May 2 – 15	Level 1	Basic Powerboat Handling
May 16 – 30	Level 2	Advanced Powerboat Handling
June 6 – 19	Level 1	Basic Powerboat Handling
June 21 – 29	Level 2	Advanced Powerboat Handling

Advanced Grade Courses

Coastal Navigation (Piloting & Advanced Piloting)

Bob Sweet & Dick Moore

Lectures are live, virtual on line presentations. Plotting and positioning are in person hands on training.

Saturdays 9:00 AM – 12:00 PM

March 4; 11; 18; 25 April 1; 8; 15; 22; 29

May 6; 13 (if needed)

Boat Handling / Seamanship

Dick Moore

This is the next course after the ABC boating class and treats similar subjects but in greater depth. It is the first in the USPS advanced grades sequence of courses.

Wednesday evenings 6:30-9:00 PM

September 13; 20; 27 October 4; 11; 18; 25 November 1

Offshore Navigation (N)

Bob Sweet & Dick Moore

This is the culmination of USPS navigation study and companion to Celestial Navigation (JN).

Fall introduction and Sights sight Reduction sight Folder

Fall/Winter electronic navigation work of the navigator cruise

Elective Courses

Marine Electrical Systems

Dick Moore

This course covers the practices of wiring your boat, including both DC and AC power systems. Live, virtual lectures plus in person hands on sessions.

Wednesday evenings 6:30-9:00 PM

March 1; 8; 15; 22; 29 April 5; 12; 19

Engine Maintenance

Dick Moore

This course stresses the diagnosis of modern systems, while teaching the basics of engine layout and operation and covers repairs a person can reasonably perform.

Lectures are live, in person virtual presentations with separate in person sessions.

Tuesday evenings 6:30 – 9:00 PM

September 26 October 3; 10; 17; 24; 31 November 5

Our course offerings are all planned using live “virtual” presentations with group in person sessions and individual in depth sessions with each student as necessary. We are striving to bring our members and the boating public high quality, comprehensive, boating education opportunities. Look at our schedule of classes and seminars and join us....learn something.....have fun..... and have some person to person interaction, either virtually or in person.

Respectfully submitted,

Richard Moore SN IN
Education officer

E BOARD MEETING AGENDA TUESDAY JANUARY 17, 2023

Where: Virtual On Line Meeting
When: 6:30PM Tuesday January 17, 2023

Call to Order John Rossi, commander

Reports

Secretary Karen Hong
minutes from November E board meeting

Treasurer Richard Moore
2022 Reports
reports for 2022-2023 will be available in April

Administrative John Rossi
Change of Watch April 9
Venue accommodate our on and off Cape members
Speaker suggestions topic?

Executive Richard Moore
Mattapoisett Squadron
D. True will send donation to BBSPS / mail to R. Moore, treasurer
Members who have indicated a desire to transfer to BBSPS have been processed through USPS
Re-write/simplify BBSPS by laws Bob Sweet
Waiting for template from USPS
Change of Watch 2022 APR 9
Commander John Rossi
Secretary Karen Hong
Treasurer William Kelly
Education Richard Moore
Do we want to have any other officer?
(see above BBSPS by laws simplification)

BBSPS Strategic Goals
Establish robust education program
Richard Moore / Bob Sweet
Establish robust squadron activities program
Establish robust membership program

Membership Richard Moore
New members / welcome / integration into BBSPS
Develop program of member integration/retention
Cathy Offinger
BBSPS shirts current stock: 1S; 3M; 3L \$25
BBSPS hats in stock \$25

Vessel Safety Check John Rossi, VSC chairman
Contact Bill Gedraitis transfer from TR to BB to discuss VSC program

Website Bob Sweet
Updating website / frequency? Who?
On Line Presence / what? How?
No bills have been received from Virtualize it for past several months?

LOG Publication via e mail & website

Event Advertising

Public service announcements
Enterprise Newspapers
Points East

BBSPS Roster

Marine Trades businesses
Update and electronically publish roster (pending)
Update USPS BBSPS roster with required information

Education

Richard Moore
See education report in Log
2023
ABC MAR; APR; MAY; JUN (2) SEP/OCT
Seminar Series start in MAR
Training of other D34 squadron members on how to present Jump Start
based on water training. April / May ?
Comprehensive on Water Training May / Jun
Advanced Grades
Boat handling SEP / OCT
Coastal Navigation APR-JUN
Electives
Marine Electrical Systems MAR / APR
Engine Maintenance SEP / OCT / NOV

Other old business

Other new business

Date and Time of next meeting

Tuesday March 21 6:30 PM
E Board meetings 3rd Tuesday in Odd numbered months
unless changed by E Board

Richard Moore SN IN

Education officer

EDUCATION

Antique tall ship Ernestina-Morrissey finds new home at Cape Cod school. Here's her story.



Heather McCarron

Cape Cod Times



EDITOR'S NOTE: A correction was made Dec. 20, 2022, to the name of the poet who wrote "Sea-Fever".

BUZZARDS BAY — Time was when a mariner's dream was as simple as this: A tall ship and a star to steer her by.

There were no automated steering or computerized helm control, no global positioning systems, satellite phones or Wi-Fi, no Emergency Position Indicating Radio Beacons or outboard engines or backup power cells — and there were few creature comforts.

It was just the sailors, the rigging, the sheets, the wheeling stars, the coursing currents and winds — and the moody elements.

At Massachusetts Maritime Academy that old simplicity is making a return to the program in the shape of the schooner Ernestina-Morrissey, a newly refurbished, two-masted tall ship with eight white sails ready to capture the wind and propel the vessel over the crests and troughs of the ocean.



The gaff-rigged, antique vessel, which at one time transported immigrants from Cape Verde off the coast of west Africa to Cape Cod and other regions in the United States, recently arrived at her new berth at New Bedford State Pier to undertake her newest commission — to serve as a sailing school vessel on which Massachusetts Maritime Academy students will get to experience sailing as it once was. And gain sailing and navigation skills.

The Ernestina-Morrissey was built in 1894 at the James and Tarr Shipyard, originally for the Gloucester fishing fleet. So her return to Massachusetts waters is a homecoming. And Rear Adm. Francis X. McDonald, president of the academy, said it is with "amazing excitement" the academy is greeting the vessel's addition to its fleet.

"To see her return to the commonwealth, and to the great city of New Bedford, and to think about the previous lives touched and future lives to be touched, is pretty powerful," he said.

Ernestina-Morrissey's new captain is a woman

Equally enthusiastic, if not more so, is Ernestina-Morrissey's captain, Tiffany Krihwan. She was given command of the vessel last year but hasn't had the opportunity yet to ride the winds with her, something she is itching to do.

"I haven't had a chance to sail a tall ship since 2019," said Krihwan on Thursday afternoon while taking a break from ongoing work to get the Ernestina-Morrissey ready for students to come aboard, hopefully as soon as this spring.

'We deserve to be here': Female cadets excel and inspire at Mass. Maritime

A celebration of the Ernestina-Morrissey's homecoming was held Saturday at the pier she is berthed at, attended by Lt. Gov. Karyn Polito, Cape Verde Prime Minister José Ulisses de Pina Correia e Silva, and representatives of the academy, Massachusetts Dept. of Conservation and Recreation, the city of New Bedford, and other state and local officials.

Ernestina-Morrissey is an old ship with an illustrious past

The Ernestina-Morrissey has seen a lot of action since she first left the Gloucester shipyard where she was built, including sailing within 600 miles of the North Pole.

Originally named the Effie M. Morrissey after the daughter of her first owner, Capt. William Morrissey, the 156-foot ship was built in just four months for \$16,000. She was launched on Feb. 1, 1894, and soon carried fishermen from Gloucester to the Grand Banks, Labrador, Nova Scotia, and New Foundland. She also carried freight. The ship was later taken over by Morrissey's son, Capt. Clayton E. Morrissey,

In 1926, she was purchased by Arctic explorer Capt. Robert A. Bartlett, an associate of Robert E. Peary, who claimed to be the first to reach the geographic North Pole. During this time, the ship carried students and scientists on 20 voyages to the north, documenting flora and fauna for institutions such as the Smithsonian and the National Geographic Society, among others.

In 1948, Ernestina-Morrissey came into the hands of Capt. Henrique Mendes, who renamed her after his daughter and put the ship into service carrying immigrants and goods between Cape Verde and the U.S. By 1972, her mission kept her busy with transportation and communication among the Cape Verde islands.

Ernestina-Morrissey the oldest and newest vessel at Mass. Maritime

In 1982, the ship was returned to the U.S. as a gift by the newly independent Cape Verde government. Massachusetts accepted the vessel since it was where she originated. She then sailed as an educational vessel until 2005 under the care of the state Department of Conservation and Recreation. After sitting dormant for a number of years, she was finally sent off to Maine for renovation, and a plan was ultimately made to transfer the Ernestina-Morrissey to the maritime academy.

"We had some connections with, and familiarity of, the vessel prior to the transfer," said McDonald. "One example was with our Environmental Symposium program, where we connected high school students to marine science and marine transportation. That program, which ran for over a decade, shuttled participants from the academy to New Bedford for programming on Ernestina-Morrissey."

A good fit: Old shoe store faces wrecking, new homes, stores spur Buzzards Bay redevelopment

The vessel spent the last seven years undergoing a major renovation. The admiral explained that the major donor for the restoration thought the best path forward for the Ernestina-Morrissey was to have her at the maritime academy, where she could once again be used to teach young mariners how to ride the sea on wind and muscle power.

"As we looked into the possibilities and the responsibilities, and talked with the New Bedford community, we came to the conclusion that the possibilities far outweighed the downside and agreed to accept the vessel from the Department of Conservation and Recreation," McDonald said. Restoration work on the ship, which cost about \$10 million, includes a full hull, interior, rig and fit-out rebuild and renovation, he said. The vast majority of the funding came from private donations.

New Bedford Whaling Museum has new model of the Ernestina — made of popsicle sticks

At the moment, the Ernestina-Morrissey, with a hull and frames made of white oak planks and decks of pine and Douglas fir, has the distinction of simultaneously being Mass. Maritime's oldest and newest vessel, a position that will be displaced when another, newer vessel — a National Security Multi-Mission Vessel also meant for training — is added to the fleet sometime next year. Speaking of displacement, hers is over 400,000 pounds.

She's not the first tall ship to be employed by the school for training new mariners. During the first years of the academy, founded in 1891, the tall ship Enterprise served as a school ship. The former U.S. Navy barque-rigged (three or more masts) screw sloop-of-war was employed to train engineering students from 1892 to 1909, making the school the first maritime academy to offer such training.



The Nantucket followed, from 1918 to 1941, and was the last tall ship included in Mass. Maritime's fleet.

Ernestina-Morrissey's captain a tall ships veteran

Ernestina-Morrissey's newest captain grew up plying the waters of the Great Lakes on tall ships. She has "the sea fever" without a doubt, she said — the one in which the mariner yearns for "the wheel's kick and the wind's song and the white sails shaking ... the flung spray and the blown spume," as described in the famous John Masefield poem "Sea-Fever."

"It is a calling for sure," said Krihwan, who is originally from Erie, Pennsylvania.

It is difficult to describe the feeling of being able to move a vessel weighing in excess of 400,000 pounds using just the wind, she said, and especially humbling to do so in stormy waters.

MMA play role in offshore wind: Competition fierce for offshore wind's a 'once in a generation opportunity'

It is her task, as captain, to teach that skill to young mariners. And she is able to do it, having mastered the challenges of sailing both the Great Lakes, with their fast-rising and high-frequency waves — like waters sloshing in a bathtub — and the sea, with its constantly rising and falling swells and fierce tempests.

"Most of my career has been on tall ships," she said.

While she has worked on some private yachts, and modern, computerized vessels, she prefers the old-world sailing vessels, even with all the challenges of navigating through turbulence amidst high winds, high waters and lightning strikes. And she has a passion for teaching new, young sailors the old sailing ways.

Mass. Maritime cadets gain schooner sailing skills

Ernestina-Morrissey will be the hands-on classroom where students will learn to manipulate the sheets by hand, with simple pulleys and cranks, the captain said.

"She's a great platform for learning about simple machines. The main boom alone weighs about 6,000 to 7,000 pounds," Krihwan said, explaining that students will learn how to leverage the simple, non-automated rigging systems to manipulate that kind of mass quickly in order to harness the winds and move the ship.

Students at the Buzzards Bay-based institution will also use old-fashioned sextants, compasses and paper charts, and will navigate with the stars as guides.

"The students at the academy are required to learn celestial navigation in class. On the vessel, they will all have the opportunity to actually do it in real life," Krihwan said.

A lot of calculating will get done as well, she said, explaining that navigating a tall ship in the old way requires "quite a bit of math." And not simple math. More on the level of calculus.

Learning the old ways of sailing, even in an age of automation and computers, is "very, very important," McDonald said, adding that the skills create the most well-rounded and prepared mariners.

"Lessons taught at sea, including leadership, teamwork, attention to detail, ability to adapt, prioritizing safety can be used in just about every aspect of work and in life," he said.

Ernestina-Morrissey won't be completely cut off from modern world

While the focus will be on traditional skills, Ernestina-Morrissey's student crew and their captain won't be completely cut off from the modern world when they are out at sea.

"We have an auxiliary engine," Krihwan said, explaining the engine will make it more efficient to get in and out of port, and offer a back up in case of emergencies.

They will also have electronic navigation available, in addition to a comfort unheard of in the old days: refrigeration in the galley.

For the most part, students assigned to the *Ernestina-Morrissey* will live on board during the course, Krihwan said, though the details of the course are still being developed.

"We're still trying to figure out how to integrate the ship into the curriculum," she said.

Protecting the Cape: Here are 8 environmental projects to watch in 2023 on Cape Cod

Besides lessons in tall ship sailing, undergraduates will also undertake scientific work. The ship, said Krihwan, has water sampling equipment for students to monitor and test the water as part of programming in coordination with the academy's science department. Leadership training for cadets will take place, too, and the academy will offer K-12 STEM programming on the ship, in addition to making the vessel available for community outreach.

Some long voyages may be in the Ernestina-Morrissey's near future, as well.

"This next year, provided we get the vessel completely done in time, we are planning on participating in the Gulf Coast tall ship tour," which will mean navigating the ship down south, Krihwan said.

And in 2025, it is hoped Ernestina-Morrissey can sail again to Cape Verde, to be part of the island nation's celebration of 50 years of independence.

Contact Heather McCarron at hmccarron@capecodonline.com.

Keeping an Eye on your Boat

Bob Sweet

If we moor or dock our boat, there is always some concern as to its situation and security. Unfortunately, there are those who believe an unattended boat is fair game. And, there are things that go wrong such as a stuck bilge pump that can do bad things to our boat.

Now, we have a host of gadgets to help us with that. A number of companies have come to market with monitoring systems that can wirelessly let you know your boat's whereabouts and its status.

While many of these offerings would be considered to be expensive to most of us, the trend is toward more affordable solutions. Let's look at some of what is available today.

Near the top of the list of both capability and, to some extent, cost, is a system called CORTEX which was developed by Vesper Marine, now part of Garmin. For some \$1,800 you get a monitoring system plus VHF marine radio, GPS, electronic heading sensor, and Class B+ Automatic Identification System transceiver – all controlled from a portable handset, or an optional wireless one. It also contacts your phone to let you know where the boat is located and boat status. You can subscribe to get real time updates, or get a free daily update. Clearly, this makes sense if you are in the market for an AIS transceiver and a radio upgrade.

There are less expensive alternatives, and this is an expanding market so you can expect to see more offerings in the coming years. Using the internet or cellular communications, you can set up a system onboard, and then receive status updates and notifications via text, voicemail, or email. You can even watch remote video surveillance on computer or smartphones, over either WiFi, cellular, or satellite networks.

Here are some of the things you can monitor:

Sensors on electronics monitor batteries for low voltage, loss of temperature in your refrigerator or freezer, or monitor on/off actions such as an ignition start.

Automatic bilge pump on/off sensors can detect high water levels and pump cycles.

Entry alarms on doors and windows, floor pressure mats, and motion sensors can detect intruders.

Video using interior or exterior cameras can provide a direct feed to remote devices or local recording.

GPS devices can detect unauthorized boat movement.

Here are some of the presently available offerings as reported by Boats.com

Spot Trace – Spot offers a range of products that offer peace of mind by allowing you to track your boat using satellites and/or notify friends and family of your position. The 'Trace' is a small GPS device that you attach to your boat; if there's unauthorized movement, you get alerts via text or email.

Your boat can also be tracked on Google Maps™. At \$99.99 for the device and \$99.99/year for service it's an affordable way to set up basic anti-theft protection.

Boat Command –At \$299 Boat Connect! base unit and \$8.99 a month, this is one of the least expensive ways to protect against a variety of situations—leaks, unauthorized entry, low battery voltage, anchor drift, low or high interior temperatures, or unintended shore power disconnections. The Android and iPhone app has a straightforward interface.

Siren Marine – Siren offers straightforward packages starting at \$499 for the basic setup, a range of sensors (\$9 to \$218 depending on the sensor), and a remote monitoring subscription. A bonus of the Siren system is their iPhone and Android apps which can monitor, receive messages, and also control the sensors on your boat.



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Latitude Announcements



CONTENT

We are always looking for articles, stories and photographs to include in the LOG that would be of interest to our members. Please send them to the LOG editor.

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The business must be a BBSPS supporter and provide assistance to BBSPS in presenting its programs and/or events.

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BBSPS member AND LOG Booster

Ads are limited to boating related items (not your lawnmower)

Ads are limited to 1 page maximum

Ads will run for 4 consecutive months

All Ad submissions should be made to Andrew Campbell using a Microsoft Word attachment for the desired ad

Please notify the LOG editor if your item(s) is(are) sold so the ad(s) can be removed

United States Power Squadrons Website

The USPS public URL has been changed from "usps.org" to <https://americasboatingclub.org>.

Boosters

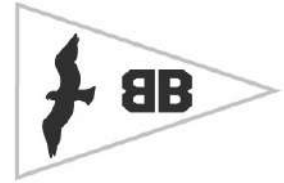
Our Boosters list is shrinking. Please re-up your membership if it has recently expired or feel free to join if you have not recently, or never, been a member. It is a cheap way to support the Squadron and in particular the Log.

LOG EDITOR

Andrew Campbell andrewriggscampbell@yahoo.com



Squadron Boosters 2022 - 2026



Dates reflect booster expiration

Willett, Herbert III Estate Continuing Support	Buzzards Bay	Lingard, Frank 5/31/23	Buzzards Bay
Brown, William & Deborah 8/31/23	Buzzards Bay	Meigs-Brown, Nawrie 2/28/25	Buzzards Bay
Campbell, Andrew 1/31/23	Buzzards Bay	Moore, Richard & Ellen 8/31/24	Buzzards Bay
Church, Ron 1/31/23	Buzzards Bay	Richmond, Charles 4/30/23	Buzzards Bay
Daly, Jerry & Joan 3/31/23	Buzzards Bay	Rossi, John & Rose 1/31/24	Buzzards Bay
Diekmann, Werner 4/30/24	Buzzards Bay	Rugg, David 8/31/23	Buzzards Bay
Fricke, Rooster 8/31/23	Buzzards Bay	Scavotto, John & Eleanore 11/30/26	Buzzards Bay
Hong, Karen 8/31/23	Grt Blue Hills	Schofield, Robert & Penny 11/30/23	Buzzards Bay

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**Members of BBSPS can become a booster for \$10, non-BBSPS, \$15 (Adds you to our mailing list).
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