

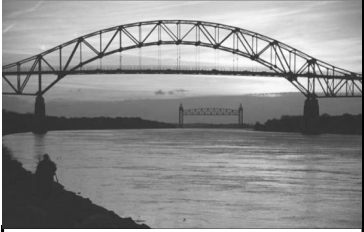
The  Log

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®**

**The Knob
(Photo by Nawrie Meigs-Brown)**



2022/2023 EVENTS

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WINTER EVENT PLANNER

2022 / 2023

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

September Monday 12; 19 October Monday 3; 10; 17; 24; 31 November Monday 7; 14; 21; 28 December Monday 5; 12; 19; 26 Saturdays	Celestial Navigation / Junior Navigation lectures: live virtual on line in person hands on sextant use / sun sights	6:30 – 8:30 PM 9:00 AM
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2023

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 AP student manual / Weekend Navigator</i>	
	If you have recently taken Piloting	\$90
	<i>(have "The Weekend Navigator", dividers, and plotter) 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:
Richard Moore PO Box 1685 Sagamore Beach, MA 02562-1685
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*

COMPREHENSIVE ON-WATER TRAINING 2023 SCHEDULE

- *Do you fear docking your boat?*
- *Do you think it is much easier to parallel park a car than dock a boat?*
- *Do you have trouble leaving a dock with wind pushing you?*
- *Is it a mystery why your boat behaves like it does?*

We have organized boat operator training into two levels:

Level I **Basic Powerboat Handling**

You will learn about how the boat behaves and how to make it do what you want it to do via a live, online seminar. This will also cover basic maneuvers.

Then you will take to the water at the helm to master the controls and perform key maneuvers in close quarters operation. We provide the boat, or we can use your boat if it meets our requirements. The objective is to have you feel comfortably in control of a boat with emphasis on close quarters.

Level II **Advanced Powerboat Handling**

You will begin with another live, online seminar explaining how to deal with more complex situations and conditions. You will learn how to handle different drive configurations. And, you will learn how to handle winds, currents and waves in both close quarters and open water.

Then we will structure on-water activities for your boat with local boating conditions, and go out with you on your boat to show you how to deal with your boating situation. The objective is to have you comfortable operating your boat in your local boating conditions.

What do you need?

You will need to have completed a NASBLA approved basic boating course.

You need to have completed Level I to go on to Level II.

Your boat must have a USGC Vessel Safety Check (*offered at no cost by USPS*).

You will need to be a USPS member for Level II.

Options

Take only the seminars, Basic, Advanced, or both.

Take the full Level I or Level II, or both including the seminar and on-water.

Cost	USPS member	non-member
Seminar only (<i>Basic or Advanced</i>)	\$40 each	\$50 each
Level I (<i>seminar + on-water</i>)	\$300	\$400
Level II (<i>seminar + on-water</i>)	\$250	N/A
Complete Package	\$500	N/A

Schedule Options

MAY 2 8 - 15	Basic Powerboat Handling seminar on water training by appointment	6:30 – 9:00 PM
MAY 16 17 – 30	Advanced Powerboat Handling seminar on water training by appointment	6:30 – 9:00 PM
JUNE 6 7 – 19	Basic Powerboat Handling seminar on water training by appointment	6:30 – 9:00 PM
JUNE 20 21 – 29	Advanced Powerboat Handling seminar on water training by appointment	6:30 – 9:00 PM

WHERE: **Level I:** On-Water Training - Red Brook Harbor/Buzzards Bay
 Level II: On-Water Training - your location, your boat

PRE-REGISTRATION IS REQUIRED SPACE IS LIMITED

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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

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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	Trailing 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.

PRE-REGISTRATION IS REQUIRED

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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*

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The View

Hopefully you have had a wonderful Thanksgiving and the boat is put away for the winter. Christmas and Hanukkah are coming soon. How about giving yourself and your family a gift of a boating course or seminar during the off-season?

Your squadron is winding down for this year, but 2023 planning is well along. We will begin several courses and seminars in early March. So far, we have not planned any activities for January and February. If you are interested in any seminars, we would welcome your interest and can schedule accordingly.

Overall, 2022 has been a productive year for our squadron. Our membership ranks have grown and we have offered a wide range of courses and seminars. Presently, we are putting the finishing touches on JN, now called Offshore Navigation. Among a wide-range of other courses, we will offer the companion course N, now called Celestial Navigation, next fall.

We will continue much of our program using live, virtual programs in conjunction with selected face-to-face sessions and hands-on coaching. We have had significant interest in our boat handling seminars with the optional on-water sessions. We've also had a great deal of interest in our navigation seminars and courses, and seminars on how to use all that great equipment.

Stay tuned for more to come, and have a very Merry Christmas and Happy Hanukkah!

Best regards,



Bob Sweet

EDUCATION REPORT DECEMBER 2022

2022

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 are completing their sight folders.

Will begin working on their practice "cruise" next week

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 REPORT TUESDAY NOVEMBER 15, 2022

Where: Virtual On Line Meeting
 When: 6:30PM Tuesday November 15, 2022

Call to Order John Rossi, commander
 6:30 PM in attendance Richard Moore & Robert Sweet

Reports

Secretary Karen Hong submitted by Richard Moore
 minutes from September E board meeting
 minutes accepted as published in the LOG

Treasurer Richard Moore
 2022 Reports
 reports for April-June; July-September
 reports accepted as published in the LOG

Administrative John Rossi
 2023 social event Change of Watch April 9
 Venue look into alternate locations in the BB area which have a function room
 Speaker looking for suggestions? Topic?

Executive Richard Moore
 Mattapoissett Squadron
 Discussions with D. True & other members transferring to BBSPS
 Members who have indicated a desire to transfer 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	Richard Moore
Asst Treasurer	Bill Kelly
Education	Richard Moore
Administrative	John Rossi
Executive	Richard Moore

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 from TR to discuss VSC program

Website Bob Sweet
 Updating website / frequency? Who?
 On Line Presence / what? How?

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
**Education report accepted as published in the LOG
2023**

ABC MAR; APR; MAY; JUN (2) SEP/OCT
Seminar Series start in MAR

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 January 17 6:30 PM

E Board meetings TUESDAY

Third Tuesday in Odd numbered months

Unless changed by the E Board

Meeting adjourned 7:17 PM

Richard Moore SN IN

Education officer

Coast Guard calls rescue of Carnival Valor passenger a miracle

"That was a one in a million and we got it done. We worked as a team and we were able to help somebody."



Author: Meg Farris (WWL)

Published: 6:19 PM CST November 28, 2022

Updated: 6:19 PM CST November 28, 2022

NEW ORLEANS — For the first time, we're hearing from the Coast Guard rescue swimmer who saved a cruise ship passenger after he went overboard.

He says they lifted the man to safety just in the nick of time.

It was Thanksgiving night. Most people were watching football on an overstuffed stomach, but U.S. Coast Guard aviation survival technician Richard Hoefle was at work, being lowered into the gulf waters to save a life.

"Some people break down and cry, some people are in shock, and they don't know what's going on, some people are ecstatic and they act a little crazy because they are so happy to be out of the situation that they are in," Richard Hoefle, a U.S. Coast Guard Aviation Survival Technician, in the New Orleans district said.

The life he was saving on this night was that of 28-year-old James Grimes. He was reported missing off of the Carnival cruise ship, Valor. It's unclear if he was in the water for 15, 18, or as long as 21 hours, but he was at his limit.

"Mr. Grimes had nothing left. He had no energy. He had nothing left to give. My best guess is that he had between a minute and 30 seconds left before we lost him completely."

Hoefle handed him the rescue sling. "Once I handed that to him, he just collapsed into it. He didn't have anything left, he couldn't talk to me. I was able to get his name and the cruise ship he had fallen off of."

The four-man crew had been searching an area in the Gulf the size of Rhode Island. Then they got word that a vessel spotted him 20 miles south of Southwest Pass. The current was around three and a half miles an hour. The water temperature was around 70 degrees. Hypothermia was setting in. He had only one sock on.

"It's hard to keep your mind in the right place, and then to throw that Hail Mary the last couple of minutes of waving, swinging a sock around, anything to make himself more visible to us, that's survival. He just had an incredible will to survive. And he did whatever he had to do," Hoefle said.

Each year a couple of dozen people go overboard on cruise ships. A vast majority are never found. The Coast Guard says it's very difficult to spot someone in the open waters.

"That was a one in a million and we got it done. We worked as a team and we were able to help somebody," Hoefle said.

Coast Guard calls rescue of Carnival Valor passenger a miracle | wwltv.com

Newest Coast Guard Cutter Commissioned in Boston

Under Kelly's command, the 24-person crew will now conduct missions offshore of the Northeast United States.



By Homeland Security Today

November 17, 2022



Lt. Cmdr. Tyler Kelley, commanding officer of the William Chadwick (right), Rear. Adm. John Mauger, First Coast Guard District Commander (middle), and Admiral Steven Poulin, Vice Commandant of the Coast Guard (left) stand pier side to the newly commissioned Coast Guard Cutter William Chadwick (WPC-1150) in Boston, Massachusetts, on Nov. 10, 2022. The Coast guard's newest cutter was accepted by the Coast Guard on August 4, and will be the first of six Fast Response Cutters homeported in Boston. (U.S. Coast Guard Photo by Petty Officer 2nd Class Ryan L. Noel)

Coast Guard Cutter William Chadwick (WPC-1150) commissioned last Thursday at Coast Guard Base Boston, as the first of six Fast Response Cutters to be stationed in the city.

Admiral Steven Poulin, Vice Commandant of the Coast Guard, and Rear Adm. John Mauger, commander, 1st Coast Guard District, oversaw the ceremony, as Lt. Cmdr. Tyler Kelley assumed command of the 154-foot cutter and its crew. Under Kelly's command, the 24-person crew will now conduct missions offshore of the Northeast United States.

These Sentinel-class fast response cutters (FRC) are designed for multiple missions, including drug and migrant interdiction; ports, waterways and coastal security; fishery patrols; search and rescue; and national defense. The Coast Guard has ordered 65 FRCs to replace the 1980s-era Island-class 110-foot patrol boats. The FRCs feature advanced command, control, communications, computers, intelligence, surveillance and reconnaissance equipment; over the horizon cutter boat deployment to reach vessels of interest; and improved habitability and sea-keeping.

Born in Dover, New Jersey, the cutter's namesake was a keeper of the Green Island Lifeboat Station in New Jersey and recipient of the Congressional Gold Lifesaving Medal for his rescue of the crew of the schooner George Taulane on Feb. 3, 1880. Chadwick remained keeper of Green Island Station until his retirement in August 1886.



We are very proud of Ron Church, seen here with his daughter Linda and Commander John Rossi, receiving his 50 year membership certificate and lapel pin at the fall District Conference held the weekend of 10/29/22 in Hyannis.

Do You Really Need a Compass?

Bob Sweet

Surprisingly, a number of new boats are now delivered without a magnetic compass on board. With the popularity of GPS many boaters no longer feel that they need a compass. Many rental boats and those offered by clubs also lack a compass. So, do you really need one, and if so, what compass or compasses should you have?

I am a great advocate for electronic navigation as it has made boating a great deal easier and safer. However, my position is, "the magnetic compass is your primary navigation instrument!" When all else fails, your compass will still be there, along with your printed charts.

A key feature of a compass is it always points to magnetic north, no matter what the boat is doing. The same cannot be said for GPS, or a chartplotter. How so? GPS is great for showing you where you are at all times with a great deal of precision. That is its major contribution to boating. GPS also shows you the direction and distance to any waypoints you have stored. It is not as good at showing you instantaneous direction.

Consider what happens with the GPS as the boat pitches and rolls as it crosses waves. It tells you from one second to the next, which direction you have moved, and how quickly. But consider the path of the GPS antenna as the boat moves along. It is zigging and zagging, so the computed direction does likewise. The programmers of these devices put in some smoothing, but simply put, the course over ground provided by the GPS is subject to a lag in response, more so than the compass.

In other words, you should steer using your compass, not your GPS. You say, "but my compass is not accurate. It doesn't always indicate the proper heading." Compasses are affected by local influences such as metal and electrical wiring. They need to be "compensated" to correct for these influences. You can hire a pro to do that, so do it yourself. Most compasses come with built-in compensating magnets that you can use to do that.

Nonetheless, you can and should steer using your compass. Once you have determined the direction to your next waypoint you can use your GPS or chartplotter to help you initiate the course. Steer to the bearing to the active waypoint using your GPS. Now as you are underway, use the GPS crosstrack error function. It will tell you if you are off course, and by how much. Adjust your steering so that the crosstrack error is stable and close to zero.

Then, look at what your compass says. That is the heading you want to maintain using the compass. You will stay on course even if the number of the compass heading does not match the GPS bearing to the active waypoint. This approach helps correct for any compass compensation issues, and the effects of wind or current that may be attempting to push you off course. Just to be sure, periodically check the GPS crosstrack error and readjust if necessary.

Now, the best way to check your navigation is by using visual bearings to objects shown on your chart or chartplotter and comparing. To do that you need another compass, a handheld one. Every boat should have a hand bearing compass. These devices allow you to sight the magnetic bearings to these charted objects. You really only need to check one bearing and compare it with the chartplotter to let you know that the chartplotter is working as expected.

Take a visual bearing on the charted object, and scroll on your chartplotter to that charted object on the screen. As soon as you move the chartplotter rocker switch or joystick, a cursor will appear on your screen, and with it will be a data box indicating the coordinates of the cursor and the distance and bearing of the cursor from the boat. Once the cursor is over the charted object, simply look at the cursor bearing and compare it with what you saw using your hand bearing compass. If they match, all is good. If not, you have some work ahead of you.

Now comes the choice of setup for the chartplotter. You should set the chartplotter to indicate direction in magnetic rather than true, so it is easier to compare your compasses with the chartplotter.

So, by now you should appreciate the need for a couple compasses on your boat. For the ship's compass bigger is better. Stick with a name brand. Boat compasses are filled with fluid to dampen the motion of the card. It must swing freely and return to the same heading after moving. A good test is to bring something magnetic near it and then take it away. The compass should return to the original heading. You need to make sure it is mounted and properly oriented with the bow of the boat. You also need to keep it away from local magnetic influences as much as practical. That includes your cell phone. Consider having it compensated or stay tuned and we will talk about how to do that yourself.



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.

COMMERCIAL ADVERTISING

FREE

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

Up to 1 Page Ad

MEMBER ADVERTISING

FREE

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

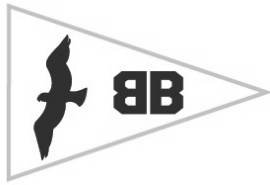
The USPS public URL has been changed from "usps.org" to <https://americasboatingclub.org>.

Boosters

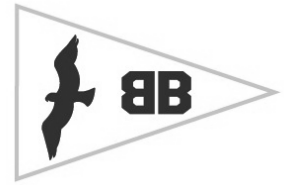
Our Boosters list is shrinking. Please re-up your membership if it has recently expired or feel free to join if you have not recently, or never, been a member. It is a cheap way to support the Squadron and in particular the Log.

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

Enjoy the LOG? Become a Booster!

Annual Booster memberships are being accepted for the 2022 and 2023 seasons.
 Members of BBSPS can become a booster for \$10, non-BBSPS, \$15 (Adds you to our mailing list).
 So show your support by becoming a Booster today!

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 BBSPS Member (\$10) ___ Non_BBSPS (\$15) ___ Squadron _____

Checks made out to:
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Addressed to: Richard Moore, Treasurer BBSPS,
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- **Anchor & Relax - Half-Day Charter**
4 hours - Suggested Destinations: Bassett Island, Phinney's Cove, Cleveland's Ledge Lighthouse, Cape Cod Canal/Round Trip
- **Coffee & Coastal Calmness**
Sunrise Charter - 3 hours
- **Red Sky at Night - Sailors Delight**
Sunset Charter - 2.5 hours
- **A Celebration of Life**
Scattering of Ashes at Sea, call for details
- **Departure Location**
Monument Beach Marina,
Phinney's Harbor, Bourne, MA



41°43'10.38"N 70°36'43.11"W



Reservations Required • Weather Conditions Dependent
Maximum 6 persons / children welcome
Deposit Required • Signed Contract & Release Liability Agreements

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