



# Richmond Sail and Power Squadron

A Unit of United States Power Squadrons

Expanded and Improved Course!  
Now 2-Days!

## Boater's Boot Camps 2016!

*Deltaville Yachting Center*

*June 25/26, July 23/24 and August 13/14 (9am-4pm)*

### Electronic Navigation and Hands-on Boat Operation Training

#### Course Summary

**This two-day intensive training course** covers the essentials of recreational boating—from planning and navigating a cruise to using onboard electronics including chartplotters, radar, AIS and DSC VHF radios. This program includes one full day of interactive classroom instruction followed by a second day of on-the-water training by experienced boaters who are members of the United States Power Squadrons, the largest and most widely respected boater education organization.

1. **Using Computer-based navigation software (included free with the course) to plan your trip**
2. **Using Chartplotters for navigation and trip management**
3. **RADAR, MARPA, AIS and DSC/VHF Radio operation**
4. **Basic boat handling, leaving and arriving at a dock, close quarters maneuvering, anchoring**
5. **On-board weather forecasting, storm**

#### **avoidance and storm safety**

To get more information or pre-register for this course, send an email with your contact information to [richmondboatclub@yahoo.com](mailto:richmondboatclub@yahoo.com). Additional information and a registration form will be emailed back to you. A deposit of \$100 will be required at time of registration with the balance due at the time of the training program. Visit [richmondboatclub.com](http://richmondboatclub.com) for more information about Richmond Sail and Power Squadron.

#### Included In the Course

1. **Electronic Navigation Textbook.** 170 pages
2. Software CD with **Nautical Charting software** and Chesapeake Bay and Mid Atlantic area NOAA raster charts.
3. **Weekend Navigator Textbook.** 280 pages, Learn to navigate if your GPS quits, and get the full picture with your radar and depth sounder. Learn how to use both paper and digital charts with this comprehensive guide to electronic navigation.
4. **Using VHF Quick Guide**
5. **Full year's family membership in United States Power Squadrons.**

Cost for this two-day intensive hands-on training program is \$200 per student.\*

Space is limited and seats are reserved on a first-come first-served basis.

\*Introductory Offer! For a limited time, couples that register and attend the course together and share classroom materials will pay only the single student price of \$200 for the two-day class.



# *Boater's Boot Camp*

## Electronic Navigation and Hands-on Boat Operation Training

**A two-day (Saturday/Sunday) training program covering the essentials of electronic navigation, use of GPS and Chartplotters, DSC Radios and on-board weather forecasting. The second day includes one-on-one hands on training aboard an instructor's boat, practicing the skills taught during the classroom session. This class will increase your boating confidence and help you stay safe on the water.**

### **Course Summary**

This two-day intensive training course covers the essentials of recreational boating—from planning and navigating a cruise to using onboard electronics including chartplotters, radar, AIS and DSC VHF radios. This program includes one full day of interactive classroom instruction (starting at 9:00 am) followed by a second day of on-the-water training (starting 9:00 am at a local marina) by experienced boaters who are members of the United States Power Squadrons, the largest and most widely respected boater training organization.

The Boater's Boot Camp program will focus on electronic navigation topics including the use of a computer for planning trips, basics of GPS positioning systems, use of chartplotters, radar and AIS systems. You will learn how to plan a cruise, identify and enter waypoints, build a route in your chartplotter, navigate a boat following a route, adjusting routes during the course of a trip, and using chartplotter functions to improve the safety of your trip.

The basics of RADAR operation, MARPA and collision avoidance will be covered, as well as the use and benefits of AIS receivers and transceivers. Students will get hands-on experience operating all of these devices and more. The installation of DSC/VHF Radios has become commonplace, but many boaters don't understand how to use the DSC functions. In this class, you will use a demonstrator unit in the classroom to place and receive calls, then, aboard a trainer's boat, practice using the DSC radio functions—both for placing calls as well as for sending and receiving position requests. The DSC/VHF radio is an essential safety tool for every boater, and familiarity with its operation is important for every boater.

Additional classroom topics will include on-board weather forecasting and navigation using portable electronics (smartphones, tablets). Learning how to obtain and interpret weather information, identify dangerous weather, predicting storm movements and risks can greatly improve your safety on the water.

### **Included in the course fee are the following student materials**

1. Electronic Navigation Textbook. 170 pages, includes
2. Software CD with Maptech Chart Viewer software and Chesapeake Bay and Mid Atlantic area NOAA raster charts.
3. Weekend Navigator Textbook. 280 pages, Learn to navigate if your GPS quits, and get the full picture with your radar and depth sounder. Learn how to use both paper and digital charts with this comprehensive guide to electronic navigation.
4. Using VHF Quick Guide
5. Full year's family membership in United States Power Squadrons. Provides access to a wide array of additional training programs including Seamanship and Piloting, Advanced Piloting, Engine Maintenance, Inland and Coastal Navigation Certification Programs, and over 50 other courses and seminars. Membership in USPS provides access to dozens of other discounts and benefits including BOAT/US and insurance discounts for members. Visit USPS.ORG for all the details and benefits of membership.

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## Richmond Sail and Power Squadron





At Deltaville Yachting  
Center  
Deltaville, VA



[www.dycboat.com](http://www.dycboat.com)



# *Boater's Boot Camp Registration*

Course offered by Richmond Sail and Power Squadron, a unit of  
**United States Power Squadrons®**

Hosted By Deltaville Yachting Center, P.O. Box 388, 18355 General Puller Hwy,  
Deltaville, Va. 23043 Phone: 804-776-9898 Visit: [www.dycboat.com](http://www.dycboat.com)

Please Print Clearly

Name: \_\_\_\_\_ Partner's Name: \_\_\_\_\_

Address: \_\_\_\_\_

Email Address 1: \_\_\_\_\_

Email Address 2: \_\_\_\_\_

Phone Number(s): \_\_\_\_\_  
(indicate cell, home, work)

Class Requested:  June 25/26  July 23/24  August 13/14

Boating Experience: \_\_\_\_\_

Boat owner? \_\_\_\_\_ (Y or N) Type of boat: \_\_\_\_\_ (Power or Sail) Length (ft) \_\_\_\_\_

Fee enclosed: \$\_\_\_\_\_ (Fee is \$200 per person, \$100 due at registration, \$100 due day of class.)  
Make Checks payable to Richmond Sail and Power Squadron and mail to Mary Palmer, 13300 Lauren Lane,  
Midlothian, VA 23114-3164.

\* Introductory offer: Two for the price of one! A couple (partners or two members of the same family) who sign up and attend together, sharing course materials, pay only the single student price.

Richmond Sail and Power Squadron



**Central Virginia's Premiere  
Boater Training  
Organization!**

