



## **Marine Navigation (PILOTING)**

*Offered by Great South Bay Power Squadron*

**BEGINNING SEPTEMBER 26th, 2019**

**Will run approx. 12 Weeks Consecutively on Thursdays 7:00pm – 9:00pm**

**WEST ISLIP PUBLIC LIBRARY (Mtg Room 'D') 3 Higbie Lane, West Islip, NY 11795**

**Marine Navigation (Piloting)** is the first course in the sequence of USPS courses on navigation. This course focuses on navigation and embraces GPS as a primary navigation tool while covering enough of traditional techniques so the student will be able to find his/her way even if their GPS fails. The course includes many in class hands-on exercises followed by an **open book exam** at the end.

### **Topics covered include:**

- Charts and their interpretation
- Navigation aids and how they point to safe water
- Plotting courses and determining direction and distance
- The mariner's compass and converting between True and Magnetic
- Use of GPS – typical GPS displays and information they provide, setting up waypoints and routes, staying on a GPS route.
- Pre-planning safe courses and entering them into the GPS
- Monitoring progress and determining position by both GPS and traditional techniques such as bearings and dead reckoning
- The "Seaman's Eye" – simple skills for checking that one is on course.

### **Registration/Supply Fee**

**Power Squadron Member - \$100.00 --- Non-Member - \$120.00**

**(Included in cost: 2 Books (Piloting and Week-End Navigator)  
and a set of Plotters and Dividers**

**Pay and Register on-line at: [Boatgsb.org](http://Boatgsb.org)**

**--OR--**

**Make check payable to: 'Great South Bay Power Squadron'**

**Mail to: Lt/C Marie A. Wallach, AP**

**207 Fairfield Drive E, Holbrook, NY 11741**

**CUT-OFF AND SUBMIT WITH CHECK PAYMENT**

**MARINE NAVIGATION COURSE- 09/26/19 (1<sup>ST</sup> CLASS)**

**GREAT SOUTH BAY POWER SQUADRON**



Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Squadron Name or Cert#: \_\_\_\_\_ 'X' if Non-Member \_\_\_\_\_