

Marine Navigation (Formerly Piloting)

Materials Fee: **\$85.00** (members), **\$170.00** (non-members)

Dates: **Wednesdays, April 12 through June 7** (9 weeks)

Time: **7:00 to 9:00**

Location: **Bayport Marina Clubhouse** (200 5th Ave So, Bayport) or Online via your computer

Marine Navigation, formerly Piloting, is the first course in the sequence of USPS courses on navigation, covering the basics of coastal and inland navigation. This course focuses on navigation as it is done on recreational boats today 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 exercises, developing the student's skills through hands-on practice and learning. Nine classes of two hours each normally are scheduled for presentation of this course. In addition, the students have seven days to complete the open book, take home exam. Members who complete the course and pass the test will be granted the advanced grade of "Pilot."

- 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.

For more information, please contact the St. Paul Squadron Education Officer: education@stpaulsquadrone.com

More information and to register go to www.stpaulsquadrone.org and go to the education page or call 651-492-1515

