



Junior Navigation Course

Celestial Navigation & Informal Offshore Seminar



Pamlico Sail & Power Squadron

Date: Beginning January 16, 2019

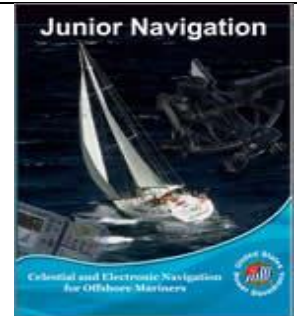
Time: 6:00 PM to 8:00 PM each Wednesday for approximately 16 weeks

Cost: \$100-USPS Members; \$125-non-members (only \$10 more for members or \$25 for non-member couples sharing the course materials)

Location: 1st Presbyterian Church
211 W. 2nd Street, Washington, NC

Instructor: Capt. Bill Doar, Circumnavigator, Offshore Sailor & Member of the USPS National Offshore Navigation Committee

***Note:** There will be a limited number of sextants available for in-class use if students do not bring their own. When registering please advise Education Officer if you will need to use a squadron sextant.



Course Description

The student will continue to use GPS as the primary position sensor, however, the offshore environment poses many different elements for consideration. Ocean currents, wind and sea state all affect a vessel's performance over longer passages. Junior Navigation teaches basics of offshore navigation, including basic celestial navigation using the sun and offshore course planning.

- ✓ Basic concepts of celestial navigation;
- ✓ Precise time determination;
- ✓ Use of the Nautical Almanac;
- ✓ Use the mariner's sextant to take sights of the sun;
- ✓ Reducing sights to establish lines of position (LOPs);
- ✓ Offshore navigational routines for recreational craft;
- ✓ Special charts, plotting sheets and other navigational data for offshore positioning and passage planning using both electronic, computerized and celestial tools.

To Register: Contact our PSPS Education Officer, Linda Erickson, by email pspsed@gmail.com or call her at 252-964-3009



You can register and pay in one click using PayPal. Copy the link below into your internet address line and follow the prompts.
<https://pamlicosailandpowersquadron.org/index.php/calendar/payment>

Deadline for registration is January 10, 2019