

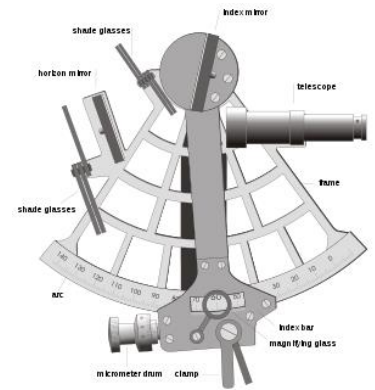


Introduction to CELESTIAL NAVIGATION



A Unit of United States Power Squadrons Provided by the Pamlico Sail & Power Squadron

Date: Saturday, April 21, 2018
Time: 10:00 AM – 11:30 PM
Where: St. James Episcopal Church
545 E. Main Street. Belhaven, NC
Cost: None



Celestial Navigation, also known as **astronavigation**, is the ancient and modern practice of position fixing that enables a navigator to transition through a space without having to rely on estimated calculations, or dead reckoning, to know their position. Celestial navigation uses "sights", or angular measurements taken between a celestial body (e.g. the Sun, the Moon, a planet, or a star) and the visible horizon. The Sun is most commonly used, but navigators can also use the Moon, a planet, Polaris, or one of 57 other navigational stars whose coordinates are tabulated in the nautical almanac and air almanacs.

During the seminar...

- Learn how sextants are used to take sights on celestial objects;
- Discuss different celestial bodies and how they are used;
- How to determine precise time;
- Taking sextant sights of the sun;
- How to find constellations;
- Determining latitude from a noon sight;
- Introduction to special charts and plotting sheets for offshore navigation;
- Setting offshore navigational routines for recreational craft.

Deadline for registration is April 20, 2018. To Register: Contact our PSPS Educational Officer, Linda Erickson, by email pspsed@gmail.com or call her at 252-964-3009