

Your sextant
will be there
when your GPS isn't

Register with your local
CPS Squadron today



Canadian Power & Sail Squadrons

1-888-CPS-BOAT | 416-293-2438
www.cps-ecp.ca

Established in 1938, **Canadian Power & Sail Squadrons (CPS)** is a nationwide organization of recreational boating enthusiasts. CPS is a charitable organization with over 30,000 active members. Our volunteer instructors help recreational boaters improve their boating safety knowledge as well as their vessel handling and navigation skills. Successfully complete the Boating Course or Boat Pro and receive a one year complementary membership to CPS with access to member benefits.

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Celestial Navigation

Let the sky be your guide



Canadian Power & Sail Squadrons
Volunteers Teaching Safe Boating

Celestial Navigation

The practice of celestial navigation involves careful observation of the sun and moon as well as planets and stars. Combining these observations with centuries-old principles, allows a navigator to determine the vessel's position.

For the modern navigator, there are electronic systems such as Global Positioning System (GPS), Long Range Navigation (Loran), photo-enhanced digital charts, and other navigational aids.

We all want the convenience and accuracy of electronic navigational aids, but a prudent navigator will never attempt a long voyage without the knowledge and skills of celestial navigation.

Let the sky be your guide. Sign up for the Celestial Navigation Course today.

Topics

- » The Sextant, Theory & Adjustments
- » Practical Sextant Work
- » Identification of Celestial Bodies
- » Sextant Altitude Corrections
- » Lines of Position from Celestial Observations
- » Time
- » Hour Angles and Aries
- » Time Diagrams
- » *The Nautical Almanac*
- » Solution for Intercept & Azimuth
- » Sight Reduction—Special Methods
- » Plotting LOPs & Fixes, Plotting Sheet
- » Pilot Charts
- » Great Circle Charts
- » Mercator Charts
- » Plotting & Deck Log
- » The Sailings
- » Traverse Sailing
- » Great Circle Sailing
- » Emergency Navigation
- » Duties of the Navigator
- » Day's Work at Sea

Other Courses

Introductory Courses

- » BoatPro
- » The Boating Course

Advanced Courses

- » Piloting
- » Advanced Piloting
- » Celestial Navigation

Elective Courses

- » Seamanship Sail
- » Extended Cruising
- » Marine Maintenance
- » Fundamentals of Weather
- » Global Weather
- » Maritime Radio Course

Seminars

- » Navigating with GPS
- » Electronic Charting
- » Radar for Pleasurecraft
- » Finding your Way With GPS
- » Distress Signalling
- » Depth Sounders