

Boston Sailing Center

COASTAL NAVIGATION STUDENT INFORMATION

GENERAL GOALS

Our Coastal Navigation course presents all the fundamental skills of navigation, with emphasis on the techniques most useful to the cruising sailor

Class 1

- Levels of Navigation
- The Navigator's Responsibility
- Tools
- Latitude/Longitude
- Compass Direction
- Chart Symbols
- Plotting a Course
- Dead Reckoning

Class 2

- Compass Correction
- Aids to Navigation
- Lines of Position
- Bearing
- Range
- Depth as LOP
- Reliability of Fixes
- Danger & Turning Bearings

Class 3

- GPS Fix, Waypoints
- Range & Bearing
- Correcting for Leeway
- Back Bearing
- Running Fix
- Tidal Forces
- Tide Tables
- Height of Tide at any Time
- Rule of 12ths

Class 4

- Reversing Currents
- Current Tables
- Velocity of Current at any Time
- Current Charts
- Current Problems - set and drift
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Class 5

- Review of Current Problems
- GPS X-Track, SOG, COG
- Running Aground
- Woods Hole
- Analysis of weather forecasts

Class 6

- Interpreting Navigation Lights
- Navigating in Fog
- Sound Signals
- VHF
- Binoculars
- Cruising Guides/Planning