

Advanced Celestial Navigation (Management Level) (STRCTR-110)

Length 42 hours (1 week)

Objective

Each student who successfully completes this course will be knowledgeable of and have proficiency in celestial navigation. Additionally, students will gain knowledge of:

- Rising and Setting Phenomena
- Identifying and Selecting Stars
 - practical assessments in identifying and selecting stars
- Compass Error
- Times of Meridian Transit
- Latitude at meridian Transit
 - practical assessment meridian transit observations
- Ex-meridians
 - practical assessment in ex-meridian observations
- Correcting sextant altitude
- position fixing
 - practical assessments plotting an LOP and a running fix

This Course is USCG Approved and STCW Compliant. The course certificate will state:

“Any applicant who has successfully completed our Celestial Navigation (Management Level) (STRCTR-110) course will satisfy the training requirements of Table A-II/2 of the STCW Code as amended 2010. Until December 31, 2016, mariners may use the assessments listed from NMC Policy Letter 04-02; M-1-2A; M-1-2B; M-1-2C; M-1-2D; M-1-2E; and M-1-2F. The following practical assessments performed during this course have been determined to be equivalent of National Assessment Guidelines TASK's, as documented in NVIC 10-14 Tasks for Master and Chief Mate on Vessels of 2,000 GT or More (Management Level): 2.1.A; 2.1.B; 2.1.C Applicants who have successfully completed our course need not present completed “Control Sheets” for these assessments in application for STCW certification.”

Scope

This course is intended to meet the training requirements as listed above in the USCG Approved and STCW Compliant Course Certificate section.

Entry Standards

This course is open to students who have a need for such training as required by the United States Coast Guard and STCW as amended. Each student should have an STCW Certification as an “Officer-in-Charge of a Navigation Watch” or have an equivalent and experiential background, be in good physical health and speaks and understands English.

Notice Regarding Celestial Navigation Requirements for Upgrading From 2nd Mate to Chief Mate Unlimited

In order to upgrade from 2nd Mate to Chief Mate unlimited, the USCG requires that the following celestial navigation practical assessments/control sheets be completed in accordance with USCG NMC Policy Letter 04-02, available at <http://www.uscg.mil/nmc>.

- M-1-2A-Ex-meridian Observation
- M-1-2B- Meridian Passage Observation
- M-1-2C-Identifying Unknown Stars
- M-1-2D-Selecting Stars or Planets
- M-1-2E-Plotting a LOP
- M-1-2F-Plotting a Running Fix