

**Reference No**

011/01

Duration

14 weeks

Location

HMS DRAKE

IELTS

6.5

Frequency5 courses every
2 years

COMMON TIME (HYDROGRAPHIC)

**AIM OF COURSE**

To train junior officers to be competent in carrying out all field work and able, under supervision, to undertake small detached surveys on the bridge of a survey ship.

OUTLINE SYLLABUS

- ◆ General theory of geodetic work
- ◆ Competence at using all survey instruments
- ◆ Practical running of surveys
- ◆ General theory of tidal forces and currents
- ◆ Acoustic theory and implementation with single/multibeam echo sounders and sonar
- ◆ Theory and practical use of satellite and ground positioning systems

ENTRY STANDARDS

- ◆ UK GCSE mathematics or recognised equivalent

EXAMINATIONS / QUALIFICATIONS GAINED

- ◆ Comprehensive set a written exams, assignments and presentations. Assessed beach reconnaissance and practical survey project
- ◆ International Hydrographic Organisation (IHO) Cat B. Bsc (Hons) Maritime Science awarded by University of Plymouth

REMARKS

A mathematics task book will be issued to prospective students 3 months prior to course start date.