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CHAPTER 42 - BRIDGE WATCHMAN

PART I - GENERAL REQUIREMENTS OF APPLICANTS


- 42.1 (1) Every applicant for a certificate as Bridge Watchman shall:
- (a) obtain a medical certificate prescribed by the Crewing Regulations;
 - (b) obtain a certificate of completion for each of the following Marine Emergency Duties Courses, set out in TP 4957, from a school listed in TP 10655:
 - (i) Basic Safety (A1);
 - (ii) Survival Craft (B1); and
 - (iii) Marine Fire Fighting (B2);
 - (c) obtain a First Aid Basic (Emergency) Certificate, set out in TP 13008; and
 - (d) pass an examination in General Seamanship.
- (2) An applicant must
- (a) obtain
 - (i) a certificate of completion for a course in Bridge Watchman, set out in TP 10936, from a school listed in TP 10655; and
 - (ii) a minimum of two months sea service in navigational watchkeeping duties, including a minimum of eight hours of steering the ship, substantiated by testimonial; or
 - (b) complete a minimum of six months service on board ship in navigational watchkeeping duties, including a minimum of eight hours of steering the ship, substantiated by testimonial (Appendix G).

PART II - EXAMINATION

- 42.2 Applicants shall undergo a written examination.

PART III - VALIDITY OF CERTIFICATE

- 42.3 The certificate for a Bridge Watchman is valid as an additional person forming part of the deck watch, as required by the Crewing Regulations.

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PART IV - SYLLABUS OF EXAMINATION

42.4 Written examination

ITEM	COLUMN
1.	Steering Steering duties, including: difference between a magnetic and gyro compass; steering and complying with helm orders (a minimum of eight hours training to include altering course and steadying of ship's head by land marks and compass); change-over from automatic pilot to hand steering and vice versa, and hand, telemotor and electrical controls for steering gears; proper procedure when relieving or being relieved at the wheel.
2.	Lookout Keeping a lookout, with emphasis on: reporting in degrees or points sightings and sound signals; recognition of ships' navigation lights and sound signals, fixed and floating aides to navigation, and distress signals (both sight and sound).
3.	Detached Duties Detached duties, including: operation of vessel's internal communications systems; general alarm and other signals used on board ship; pyrotechnic distress signals; understanding orders and being understood by the OOW in matters relevant to watchkeeping duties; maintaining a deck logbook and engine movement book, and their purpose; elementary understanding of signalling and flag work.
4.	General Knowledge General seamanship knowledge, including: shipboard terms and ability to express oneself using nautical terminology; understanding the names and functions of various parts of a ship (construction and equipment); recognition and names of various types of vessels; recognition and names of various types of rope; making knots, hitches, bends and whippings; different make-up of wire rope and an appreciation of its uses; use of bulldog clips to join wire; types of chains, shackles and slips; types of windlasses; joining shackles and markings of anchor cable; signals required in anchor work (bell and anchor ball or light); markings on the hand lead and ability to cast correctly; internal sounding of holds, tanks and bilges; ability to read draft markings.
5.	Seaman's Obligations Seamen's responsibilities and the necessity for discipline on board ship.
6.	Safe Working Practices Potentially hazardous working conditions on board; recognition of worn out or dangerous equipment; conditions that would lead to injury or loss of life; safe working procedures.