

CERTIFICATES FOR HOME-TRADE SHIPS.

CANDIDATES' MINIMUM AGE AND SERVICE, ETC.

(NOTE.—*Sea service qualifications are shown in tabular form in Appendix K, page 3026.*)

60. Second Mate.—Not less than eighteen years of age, and have served three years at sea, or one year at sea and two years in extended river limits.

61. Mate.—Not less than nineteen years of age, and have served four years at sea, or two years at sea and two years in extended river limits.

62. Master.—Not less than twenty-one years of age, and have served five years at sea, or three years at sea and two years in extended river limits, of which—

- a. One year must have been in a capacity not lower than that of only mate in the home trade whilst holding a home-trade mate's certificate or a foreign-going second mate's certificate; or
- b. Two years and a half must have been in a capacity not lower than second mate in the home trade in charge of a watch whilst holding a home-trade mate's certificate or a foreign-going second mate's certificate (see para. 116); or
- c. One year and a half must, whilst holding a home-trade mate's certificate have been in a capacity not lower than that of second mate in a home-trade ship which is required by law to carry a certificated second mate; or
- d. One year must have been as master of a cargo-vessel plying in the home trade whilst holding a certificate of competency as master of a cargo-vessel under 25 tons register; or
- e. One year must have been as master of a vessel of 50 tons register or upwards plying in the home trade whilst holding a certificate of service as master of a vessel of 50 tons register or upwards; or
- f. One year and a half must have been as master of a vessel plying in the home trade whilst holding a certificate of service as master of a vessel under 50 tons register.

63. Master of a Cargo-vessel under 25 Tons Register.—Not less than twenty-one years of age, and have served—

- a. Four years at sea; or
- b. Two years at sea and two years in extended river limits.

In each case not less than one year must have been served in the same class of vessel as that for which the certificate is desired.

64. Master of a Fishing-boat.—The minimum age and service and the syllabus of examination for a certificate as master of a fishing-boat are identical with those prescribed for master of a cargo-vessel under 25 tons register, excepting that not less than one year of the four years required must have been served in a fishing-boat.

65. Master of River-steamer.—Not less than twenty-one years of age, and have served at least two years at sea or as deck hand under a duly certificated master on a vessel plying within extended river limits.

SYLLABUS OF EXAMINATION IN NAVIGATION AND SEAMANSHIP.

SECOND MATE.

66. Navigation :—

- a. Read, write a legible hand from dictation, and spell correctly.
- b. Understand the first five rules of arithmetic, both simple and compound.
- c. Attain a minimum speed of 10 words a minute in semaphore, 6 words a minute in Morse lamp-flashing, and 5 words a minute in Morse flag-waving; and to have a good working knowledge of the International Code of Signals and the Allied Signal Manual.
- d. Possess a knowledge of the tide, bar, harbour, and storm signals as used within New Zealand, and of the method of finding the time of high and low water at any place for which time differences are given in the "New Zealand Nautical Almanac."