

Board of Trade to all Mates and Masters who have passed examination, whether under the old or the present regulations, and also to all officers who have passed Lieutenants' Masters' and second Masters' examination in the Royal Navy and East India Company's Service, unless special reasons to the contrary exist: and any person desirous of exchanging a passing Certificate—obtained under the former Boards of Examiners—for a competency Certificate, should send it to the Registrar-General, as before mentioned, with a request to that effect, and state the port to which he wishes it to be sent, where it will be delivered to him by the Collector of Customs or the Shipping Master.

All other officers, entering for the first time upon their duties, whether as mate or master, will be required to undergo an examination before one of the Local Marine Boards before they can act in either of those capacities.

The qualifications required for the several ranks undementioned, are as follows:—

A **SECOND MATE** must be seventeen years of age, and must have been four years at sea.

**IN NAVIGATION.**—He must write a legible hand and understand the first four rules of arithmetic, and the use of logarithms. He must be able to correct the courses steered for variation and lee-way, and find the difference of latitude and longitude therefrom, be able to correct the sun's declination for longitude, and find the latitude by the meridian altitude of the sun; and work such other easy problems of a like nature, as may be put to him. He must understand the use of the sextant, and be able to observe with it, and read off the arc.

**IN SEAMANSHIP.**—He must give satisfactory answers as to the rigging and unrigging of ships, stowing of holds &c., &c.,—must understand the measurement of the log-line, glass, and lead-line, be conversant with the

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