

## 42 VICTORIA.

## CHAP. 26.

An Act to extend "An Act respecting Certificates to Masters and Mates of ships."

[Assented to 15th May, 1879.]

WHEREAS it is expedient to provide for the voluntary examination of, and for the granting of certificates of competency to persons intending to act in the capacity of "Second Mate" on board sea-going ships registered in Canada: Therefore Her Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

1. Subject to the provisions hereinafter made, the Act passed in the thirty-third year of Her Majesty's reign, and intituled "*An Act respecting certificates to Masters and Mates of ships*," is hereby extended and made applicable to persons intending to act in the capacity of "Second Mate," and a certificate of competency to act as second mate may be granted to every applicant duly reported by the examiner to have passed the examination satisfactorily to the conditions and provisions mentioned in the fourth section of the said Act.

2. All applicants for examination as "Second Mates" shall, before such examination, pay to such person as the Minister of Marine and Fisheries appoints for that purpose a fee of five dollars; and in the event of any applicant failing to procure his certificate of qualification on his first examination, he shall be entitled to a second examination without payment of any additional fee; but if he fails to procure his certificate of qualification on such second examination, he shall pay the same fee before any subsequent examination, which is hereby required to be paid before a first examination.

3. Nothing in this Act contained shall, however, render it compulsory on the part of the owner of any vessel to have on his vessel a Second Mate holding such a certificate as is above mentioned, to enable him to clear his vessel for sea.

The qualifications required for the rank of Second Mate 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 five rules of arithmetic, and the use of logarithms. He must be able to work a day's work complete, including the bearings and distance of the port he is bound to, by Mercator's method; to correct the sun's declination for longitude, and find his latitude by meridian altitude of the sun; and to 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 un-rigging of ships, stowing of holds, etc.; must understand the measurement of the log-line, glass, and lead-line; be conversant with the rule of the road, as regards both steamers and sailing vessels, and the lights and fog signals carried by them, and will also be examined as to his acquaintance with "the Commercial Code of Signals for the use of all nations."

By virtue of an Order in Council dated the 17th February, 1879, Canadian certificates of competency may issue under the provisions of the Canadian Act 33 Vic., chap. 17, to gentlemen in Canada who are Masters of their own yachts and possessed of the necessary qualifications, subject to the following regulations, viz.:—

## REGULATIONS.

1. The examination is purely voluntary, and is confined to persons who command their own pleasure yachts. A Master of a yacht who is not also the owner, is not eligible for examination.