

*Master of a Cargo-vessel under 25 Tons.*

Minimum age, 21 years. Minimum sea service, 4 years (2 XL).  
No officer's service required.

*Master of a Fishing-boat.*

Minimum age, 21 years. Minimum sea service, 4 years (2 XL).  
No officer's service required.

*Master of a River-steamer.*

Minimum age, 21 years. Minimum sea service, 2 years (XL).  
No officer's service required.

**APPENDIX L.**

**196. Approved Schools of Nautical Training on Shore in Great Britain.**—The following is a list of schools of nautical training in Great Britain other than the Nautical College, Pangbourne (see para. 130), which the Board of Trade and the Marine Department have approved under para. 131 of the regulations :—

**A. Residential Training Establishments (para. 131 (i)) :—**

Wallasey, Cheshire: The Lancashire and National and Sea Training Homes.  
Half-time to count up to a maximum of six months.

**B. Cadet Courses at Junior Technical Schools and Similar Institutions (para. 131 (ii)) :—**

Cardiff: Smith Junior Nautical School.  
Hull: Boulevard Nautical School.  
Glasgow: Royal Technical College.  
Greenock: Watt Memorial School.  
Leith: Leith Nautical College.  
Half-time to count in each case up to a maximum allowance of six months.

**C. Senior Courses in Navigation (para. 131 (iii)) :—**  
(None yet approved.)**APPENDIX M.****197. Text-books and Instruments used in the Examinations :—**

"The New Zealand Nautical Almanac and Tide Tables." "Tables for Azimuths, Great-circle Sailing, and Reduction to the Meridian." Published by the Marine Department, Wellington, N.Z.

*Naval Architecture.*—"The Modern Practice of Shipbuilding in Iron and Steel," by Samuel J. P. Thearle. Published by William Collins, Sons, and Co. Vols. I and II. "Ship-construction and Calculations," by George Nicol. Published by James Brown and Sons, Glasgow.

*Stability.*—"Ship Stability and Trim," by Percy Hillhouse. Published by Gieve's Publishing Co. (John Hogg), London.

*Deviation of the Compass.*—"The Admiralty Manual for the Deviations of the Compass." To be obtained through any bookseller, or directly from H.M. Stationery Office, or Edward Ponsonby, Dublin. "The Elementary Manual for the Deviations of the Compass in Iron Ships," by E. W. Creak. Published by J. D. Potter, London.

*Meteorology, including Barometer, Thermometer, and Hydrometer.*—"A Barometer Manual for the use of Seamen; with an Appendix on the Thermometer, Hygrometer, and Hydrometer." Issued by authority of the Meteorological Council. "The Seaman's Handbook on Meteorology." To be purchased through any bookseller, or directly from H.M. Stationery Office, or Edward Ponsonby, Dublin.

*Tides.*—"Tide Tables for the British and Irish Ports." Published annually by the Admiralty, and purchasable, either directly or through any bookseller, from J. D. Potter, London.