

a-day, the marking of the Barometer and swell of the Bar, each twice daily.

To assist in obtaining the monthly returns from the Pilots of the vessels piloted by them.

To see that Pilots' Cobles are properly numbered in figures of not less than 15 inches in length, commencing at No. 1, and continuing in numerical order.

To keep a Register and Character Book, in which shall be recorded the name and description of each Pilot's Apprentice, the date of his entering the service, and any particulars of conduct during the service.

To introduce steady, sober, and qualified young men, as they stand in the Register Book, for examination for Licenses.

To assist in the examination of persons applying for Licenses, either as First or Second Class Pilots, for either the River or Sea Pilotage.

To carry out all orders and regulations of the Board or the Nautical Committee, which may be, from time to time, issued relative to the piloting of vessels, or other matters within the scope of his duties.

To report to the Nautical Committee and to the Board, from time to time, in a book to be kept for that purpose, on all the above subjects, and also on all cases of misconduct or breach of the Bye-Laws, that may come to his knowledge, on the part of any of the Pilots, and to record the sentence or punishment passed or imposed for the same.

All instances of neglect of duty shall be brought before the Board, and the Pilot Superintendent shall not compromise any offence of a Pilot.

The time of the Pilot Superintendent shall be wholly devoted to the service of the Board.

#### *Pilots.*

3. There shall be two classes of Pilots, viz. :— First and Second Class. First Class Pilots may conduct vessels of any tonnage. Second Class Pilots may (except in cases of necessity) conduct vessels not exceeding 200 tons register burthen. Any vessel exceeding the above tonnage, which may from necessity take on board a Second Class Pilot, shall, if possible, exchange him for a First Class Pilot, out of any boat she may meet, and every Pilot shall state his true position in the service to the master of any vessel which he may take in charge.

4. Every Pilot shall use his utmost care and diligence to conduct the ships and vessels under his charge without damage or doing injury to others; and shall behave himself with strict sobriety and due respect towards the owners, masters, and officers thereof; and shall not leave his vessel until she is safely anchored or moored in the River or in Dock; and shall, within twenty-four hours after his leaving the ship, report to the Commissioners all accidents which may have happened to such vessel, while under his direction. He shall always have with him, when on duty, a copy of these Bye-Laws, his License, and a Pilot Flag, as described in Bye-Law No. 13. On taking charge of a vessel, he shall, if required, exhibit his License to the officer in command. In the case of vessels outward bound, from any dock or basin, to within the district, he shall repair on board at least two hours before high water to ascertain if the vessel of which he is about to take charge is ready for sea, or to anchor in the river. He shall obey and execute all orders received from the Commissioners or the Nautical Committee, the Secretary, or the Pilot Superintendent. No Pilot shall be absent from duty without the permission of the Pilot Superintendent.

5. Every Pilot shall, on receiving his License, pay to the Commissioners a fee of 40s., and for the annual renewal of his License 10s., and for the renewal of any License in place of one lost 10s. Pensioners to be exempted from payment of the annual renewal fee.

6. Each Pilot shall make returns, on forms to be furnished at the office of the Commissioners, of the vessels piloted by him, with the amount of pilotage received in each case; and each Sea Pilot shall pay 1s. for every ship piloted outwards, each Cullercoats Pilot shall pay 6d. for every ship piloted inwards, and each River Pilot 1s. for every ship piloted in the river, on each occasion of pilotage, either up or down. Such returns and payments shall be made by each Pilot at least once per month to the Secretary, at the office of the Commissioners, and in default of his so doing within five days from the end of each month, he shall in each case be fined 2s. 6d.

These payments shall be placed to the credit of the Sea Pilots' and River Pilots' Funds respectively, and shall be applied in the same manner as the other monies belonging to these funds.

#### *Pilots' Apprentices.*

7. Candidates for apprenticeship will be required to prove that they are able to read and write correctly, and that they have a competent knowledge of arithmetic, before they can be considered eligible for the Pilot service.

8. All candidates for the Pilot service shall be bound apprentices for five years to a Licensed Pilot who has a boat of his own, and no apprentice shall leave the service of the Pilot to whom he is bound, without permission from his master and the Pilot Superintendent, and on application for examination for a Pilot's License proof shall be required in all cases of the satisfactory completion of the five years' term of service. Each apprentice shall serve one year of the above term on board ship, either in the Coal or Baltic Trade, and shall serve three months of such year on board of Steam Ships, but such service shall be made at such period of his apprenticeship as may be approved of by the Pilot Superintendent.

9. The proposed indentures and satisfactory testimonials, including a surgeon's certificate that the candidate is of sound health, shall in every case be submitted to the Board; and after the indentures have been approved by the Board, and signed by the master and apprentice, they shall not be cancelled by any private agreement, without the permission of the Board; but the Board shall have the power of cancelling any such indenture, either at the request of the parties or upon any misconduct on the part of the apprentice deserving, in the judgment of the Board, of such punishment, and all indentures shall by express stipulation therein contained, be made subject to the exercise of this power by the Board. The name of every candidate to be entered in the Pilot Superintendent's Register and Character Book, on his first entering the service.

10. That every person who shall have served the above term and shall apply for a Pilot's License, shall undergo an examination under the direction of the Commissioners for the purpose of ascertaining his skill, knowledge, and experience in relation to the navigating, piloting and conducting of vessels. He must be able to give a correct and seamanlike description of the harbour, docks, and piers, and must know the course and distance between any two places within the Pilotage Districts of the Tyne; the rise and set of the tides; the depth and character of the soundings; the best anchorages; the sand banks, rocks, shoals,