

rule of the road at sea and his freedom from colour blindness. He must be able to give a correct and seamanlike description of the river, harbour, docks, and piers, and must know the course and distance between any two places within the Tyne Pilotage District. He must be able to navigate any vessel requiring a Pilot into, from, and throughout any part of the Tyne Pilotage District. He must be familiar with the rise and set of the tides; the depth and character of the soundings; the best anchorages; the sand banks, rocks, shoals, and other dangers; the landmarks, buoys, and lights; the variation and deviation of the compass; he must understand the complete management of a vessel to bring her to anchor, and to keep her clear of her anchor in a tideway; to moor, unmoor, and get under weigh; and how to handle a vessel under any circumstances.

13. Sea and River Pilots licensed before the 1st day of October, 1880, and desirous of becoming licensed to pilot vessels into and from and throughout any part of the Tyne Pilotage District shall be required to pass a further examination on such heads and particulars as the Commissioners shall from time to time by resolution prescribe, and on their passing such further Examination shall be licensed and empowered accordingly.

14. The Committee of Sea Pilots and the Committee of River Pilots heretofore established shall be and the same are hereby dissolved as from the 1st day of October, 1880. That there shall thereafter be one Committee of Pilots appointed by the Commissioners for examining in the presence of the Pilot Superintendent, all applicants for Licenses, and to hear and settle disputes between Pilots or Apprentices, and the Pilot Superintendent shall if requested by any of the parties interested, refer the case to the Commissioners for their decision. The Committee shall consist of such number as the Commissioners shall from time to time appoint. For the present and until the Commissioners shall otherwise appoint, the Committee shall consist of 13 members,

five of whom shall form a quorum. Each member of the Committee shall hold office during the pleasure of the Commissioners and in case of the death or resignation of any member of the Committee the vacancy shall be filled up by the Commissioners. Any Commissioner may be present at any meeting of the Committee.

#### *Pilot Boats and Flags.*

15. Every Pilot Boat must be kept in good repair, and well found with masts, rigging, sails, anchors, cables, and every other necessary material, and must have her number painted on each bow in white, in figures not less than fifteen inches in length. Her number, together with the name of the owner, and the port to which she belongs, shall also be painted in large letters and figures upon her stern. The Cullercoats Pilot Boats shall be separately numbered within a Red Ball painted on each bow.

16. Every Pilot shall provide himself with a Red and White Flag three feet long by two feet broad. On taking charge as Pilot of any vessel, he shall cause his flag to be hoisted on board such vessel at the gaff-end, under the ensign, or wherever it may be most conspicuously seen (except on the foremost), and he shall keep his flag continually flying until he leaves the vessel. This Bye-law shall apply to all vessels, outward or inward bound, at sea or in port, under weigh or at anchor, and under all circumstances so long as she is in charge of a Pilot.

#### *Pilots to obey Orders of Commissioners and Dock and Harbour Masters.*

17. All Pilots shall obey the Bye-laws and all orders and directions of the Commissioners; and also all orders and directions that may be given to them by the Dock and Harbour Masters, relative to the docking, towing, transporting, or removing vessels under their charge.

#### *Rates of Pilotage.*

18. The following Pilotage Rates shall be paid, viz.:

	From 1st April to 30th Sept. both inclusive.		From 1st Oct. to 31st March both inclusive.	
	s.	d.	s.	d.
Sea to Dock or from Dock to Sea ... ..	1	3	1	6
Sea to Bill Point or Bill Point to Sea ... ..	2	3	2	6
Sea to East side of Newcastle Bridge or the reverse ... ..	2	9	3	0
Sea to Suspension Bridge at Scotswood or the reverse ... ..	3	3	3	6
Dock to Bill Point or Bill Point to Dock ... ..	1	0	1	0
Dock to East side of Newcastle Bridge or the reverse ... ..	1	6	1	6
Dock to Suspension Bridge at Scotswood or the reverse ... ..	2	0	2	0
Bill Point to East side of Newcastle Bridge or the reverse ... ..	1	0	1	0
Bill Point to Scotswood Suspension Bridge or the reverse ... ..	1	0	1	0
East side of Newcastle Bridge to Scotswood Suspension Bridge or the reverse ... ..	1	0	1	0

NOTE.—Not less than 1s. per foot to be charged for Pilotage between any two Stations as above.

Vessels exceeding 500 tons register shall pay one farthing per ton on the excess of tonnage above 500 tons for pilotage from sea to any of the Docks, and one farthing per ton extra for pilotage to any part of the river West of any of the Docks, and vice versa, but in no case shall this extra tonnage rate be paid between a vessel entering and leaving the port more than once inwards to the Docks, once from the Docks westward, once from any part of the River above the Docks to the Docks, and once from the Docks or below the Docks to sea.

Vessels having lee-boards shall pay five shillings in addition to the above rates.

Down River Pilots licensed before the 1st day of October, 1880, may continue their charge

below Northumberland Docks for the purpose of mooring vessels; and Up River Pilots licensed before the 1st day of October, 1880, may commence their charge below Northumberland Docks for the purpose of unmooring vessels and proceeding up the river.

In the case of vessels bound from or to sea from or to any of the Docks and unable from any cause to enter or proceed to sea the same tide, Pilots must if required attend the first following available tide to dock such vessels or take them to sea as the case may require without any additional remuneration.

The Pilotage Dues shall be paid to the Commissioners or to the Pilot performing such Pilotage Duty within five days after the performance