

1623

Report of Survey for Repairs of Engines and Boilers.

No. 335

No. in Reg. Book. Survey held at Sunderland Date, first Survey Augst 6th Last Survey Augst 21st 1878

587 on the S. S. Charles Howard Master William Chata

Tons 130 1/2 Owners H^{rs} Jagg & son Port belonging to London Classified GOAL Years assigned 3/3 Character in Register Book.

Diameter of Cylinder 24" x 49" (nominal) Engines made at Greenock When made 1877

Length of Stroke 40" (Single Stroke) Pressure of Steam 56 lb

Registered Horse Power 120 By whom made Messrs Sturges & Donald & Co

Particulars of Repairs and Examination This vessel was put in M^{rs} Cange having dock at this port. Fitted a new propeller as one of the blades of the propeller in use was broken. All the sea cocks & valves on ships bottom were examined & overhauled & are now in good condition.

On examining main boilers found the deposit of scale on the back ends of furnaces & tube plates too thick & causing the tubes at back ends to leak. 6 tubes were taken out & renewed & the boilers throughout have been thoroughly cleaned & scaled & are now in good condition.

Found the safety valves in good order & loaded to 56 lb working pressure.

A new auxiliary boiler has been supplied by the North Quay Engine Coy - & fitted with new mountings complete. the safety valves (one spring & one lever) have been tested & adjusted to 45 lb working pressure.

In my opinion the machinery & boilers of this vessel are in good order & safe working condition.

I beg to draw your attention to the letters received from the owners of this vessel attached to this report in which they request that the boilers may be recorded in the Register Book as supplied in 1877 & appears these boilers were made in 1873 by Messrs Munn London. but had been kept in store until fitted on board of the vessel with the new Engine last year. please see Mr. Mollins report which is returned herewith.

Repairing Double Boilers £ 2 - 2
Amount of Fee ... £ 2 : 2 : received by me, W. G. G.
Certificate (if required) ... £ - : - : 29th Aug. 1878.
Selling Expenses, if any, £ None £ 4 - 4

Committee's Minute
3rd Sept 1878
Lloyd's M.C.
D. J. D.

W. G. G.
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

It is submitted that this vessel
is eligible to have the notepad
by W.C. 8.76 recorded
and not 9/3 77 as requested
the bride having been
made in 1873.

M. 4/9/78
M