

Report of Survey for Repairs of Engines and Boilers.

No. 12

No. in Reg. Book. Survey held at *South Shields & Tyne Dock* Date, first Survey *Jan 27* Last Survey *Feb 23* 1877.

16 on the *S. S. "Mileswater"* Master *J. G. Robertson*

Tons *548* Owners *H. Strachan & Co* Port belonging to *London* Years assigned. *90* Character in Register Book. *A1*

Diameter of Cylinder *26" + 44"* Engines made at *Sunderland* When made *1843*
Length of Stroke *33"* Pressure of Steam *60 lbs per sq inch* By whom made *George Clark*
Registered Horse Power *90*

Particulars of Repairs and Examination. *The machinery of this Vessel has undergone the usual overhaul and examination consequent on her ordinary voyage with the addition of examination of principal parts of Engines and Boilers with a view to classification of same.*

The Engines and Boilers have required little repair having in January last a thorough overhaul & all working parts where worn made good, including new guide brass for H.P. Engine Crosshead, High & low pressure Valves taken out and new spindle bushes fitted, new end Welded on H.P. Valve Spindle Air Horizontal pump Valves renewed where worn.

This Vessel was at that time placed on the Quays at South Shields, all connections to Engines & Boilers on ships bottom examined, Screw Propeller refitted &ignum Piles Wood bearings in Stern tube renewed.

The Bilge Suction Valves in connection with Main Bilge & Ballast Engine pumps have been altered this time in accordance with Societys requirements, to prevent Sea Water being run into the Vessel through an act of carelessness or neglect.

The Machinery of this Vessel is in good order & safe Working condition and taking into consideration that the Blow off & Sea Cocks are fitted in the usual manner before the Committee's rules came in force eligible to have the notification Lloyds M. C. in the Register Book & Machinery Certificate from date of last Survey.

The Amount of Fee ... £ 3 : 10 : received by me, *George W. Marshall*
Certificate (if required) ... £ : 5 : 27 Feb 1877

(Travelling Expenses, if any, £)

Committee's Minute