

Report of Survey for Repairs of Engines and Boilers.

No. _____ (Received at London Office, 20. 8. 80)

No. in Reg. Book. Survey held at London Date, first Survey May 31st Last Survey Aug. 18th 1880

1148 on the Machinery of the S.S. "Mirfield" (Number of Visits 10)

Tonnage, Gross 1171 Built at Glenoch When built 1871

Ditto, Net 867 Owners _____ Port belonging to London

Diameter of Cylinder 23" x 50" Engines made by Glenoch Foundry Co. When made 1871

Length of Stroke 30" Boilers made by Ditto When made 1871

Pressure of Steam 65 lbs. If Surveyed Afloat or in Dry Dock Dry Dock & Afloat Character in Register Book.

Registered Horse Power 120 Years assigned.

Last Survey No. _____ Port _____

Particulars of Repairs and Examination According to the requirements for Special Survey No 2. Vessel placed in dry dock all sea cocks & connections overhauled. Propeller disconnected, the tail shaft drawn in and examined & found in good condition, stern bush lined up with fresh lignum vitae & the whole put together again in an efficient manner. High and Low Pressure cylinders examined & found in good condition, Slide Valves examined these valves together with cylinder faces have been filed up. Crank shaft examined, in good condition. Air & Circulating pumps examined, New India Rubber valves fitted throughout. Condenser tubes cleaned & tested with hydraulic pressure. Feed & Bilge pumps & valves in good condition. Check valves on Boilers all taken off & examined, the chests were found to be fairly sound, two of the valves renewed. Boilers examined, the back end of wing furnaces on Port side has had a piece put in where the rivets flanging of plate were found to be defective, and all defective rivets in the rest of the furnaces renewed, & the joints chipped & caulked. Holes drilled in combustion chamber thinnest part found to be $\frac{3}{8}$ " Joint of plates at back found defective this part has been cut out and a plate rivetted on. Recommended the Boilers to be retubed throughout which

General Observations, Opinion, and Recommendation:— The Engines and Boilers of this ship being now in good and safe working condition are eligible in my opinion to be marked in the Register Book with Stops B & M. S. 8. 80.

Entry or Registering Fee ... £ 1 : 0 : 0

Survey Fee ... £ 6 : 6 : 0 received by me, Geo. E. McRimmon

Certificate (if required) ... £ 2 : 6 : 30 1880

(Travelling Expenses, if any, £ _____)

Committee's Minute _____ Tuesday, August 24th, 1880.

Assigned _____

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



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has been done, the tube plates & the rest of Boilers
thoroughly cleaned, subsequently tested with hy-
draulic pressure to 100 lbs. per sq. inch. Safety Valves
tested under steam to the working pressure of 65 lbs. per
sq. inch

It is submitted that this
vessel is eligible to have
the notification B.M.S.
8.80 recorded in the
Registered Book.

M
19/8/80



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Foundation