

Report of Survey for Repairs of Engines and Boilers.

No. *165* (Received at London Office, *10/6/80*)

No. in Survey held at *Hull & Goole* Date, first Survey *10th March* Last Survey *25th May* 18*80*

411 on the Machinery of the *iron screw steamer "Marianne Briggs"* (Number of Visits *12*)

Tonnage, Gross <i>630</i>	Built at <i>South Shields</i>	When built <i>1874</i>
Ditto, Net <i>396</i>	Owners <i>Yorkshire Coal & Steamship Co. (Ld)</i>	Port, belonging to <i>Goole</i>
Diameter of Cylinders (2) <i>23 1/2 & 24 1/2</i>	Engines made by <i>J. Redhead & Co. Shields</i>	When made <i>1874</i>
Length of Stroke <i>30</i>	Boilers made by <i>Charles Co. of Hull</i>	When made <i>1880</i>
Pressure of Steam <i>70 lb</i>	If Surveyed Afloat or in Dry Dock <i>afloat & on the hard</i>	Classed <i>90 A.1</i>
Registered Horse Power <i>80</i>		Years assigned <i>12, 19</i>
Last Survey No. <i></i>	Port <i></i>	Character in Register Book <i>Lloyds M.C. 2.77</i>

S.S. Hull No. 1-17

Particulars of Repairs and Examination of Boiler & Machinery on fitting new Main Boiler

New main Boiler... made to approved design. tested by hydraulic pressure to 140 lb per square inch & fired in the ship.

Two new spring loaded Safety Valves of 4 1/4" dia's each. (Cammer & Sealers patent). set under steam to 70 lb working pressure. and tested for accumulation in my presence with satisfactory results.

New Sea cocks fitted to ship's side above the flaring plates. in line of those under the flaring. and connected up as requisite.

Propeller shaft drawn & furnished with new brass liners to run in bush at outer end of stern tube. shaft reshipped & a new propeller fitted on.

Crank shaft stripped & turned round for examination (lay beams in both pins).

Surface Condenser tubes drawn & cleaned. tube plate reported & tubes replaced.

Cylinders. Pistons & Slides overhauled. Bit gear inspection put in working order.

Bit gear suction valve of donkey engine made non-return.

General Observations, Opinion, and Recommendation:— Boiler & machinery of this vessel are now, in my opinion in safe working condition & eligible to remain as classed.

Survey or Registering Fee *£ 1 : 0 : 0*

Survey Fee ... *£ 3 : 3 : 0* received by me, *M.A.*

Certificate (if required) *£ 2 : 6 : 0* 7/6 18 *80*

avelling Expenses, if any, *£ 1.10*

Committee's Minute

Assigned

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

The tracing of Boiler is herewith enclosed.

Lloyd's Register Foundation

IRON 490-0385

It is submitted that this vessel
is eligible to have the
notifications Lloyd's Reg.
5.80 + NIS 80 recorded
in Register Book

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10/6/80



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Foundation