

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office. TUES. 14 FEB 1899)

Date of writing Report *Feb. 13* 18 *99*. When handed in at Local Office 18 *99*. Port of *London*.
 No. in *1033*. Survey held at *London*. Date, First Survey *Jan. 27* Last Survey *Feb. 11* 18 *99*.
 on the Machinery of the *S.P. Star of England* Master *Beech*.
 Tonnage { Gross *3782* Net *2432* Vessel built at *Belfast* By whom *Workman Clark & Co* When *1889* YEAR. MONTH. *1889. 3.*
 Registered { Gross Power *367* Engines made at *Glasgow* When *1889* Boilers, when made (Main) *1889* (Donkey) *1889*
 No. of Main Boilers *2* Owners *(J. P. Corry & Co)* Port *Belfast* Voyage *New Zealand*.
 No. of Donkey Boilers *1* If Surveyed Afloat *&* in Dry Dock *A.A. Star Dry Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 Steam Pressure—*160lb*
 in Main Boilers
 in Donkey Boilers *90lb*

Survey No. *1033* Port *London*
 Particulars of Examination and Repairs (if any) *B. & Docking.*

Periodical Surveys, when made, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of examinations and subsequent repairs. Repairs on account of damage (the cause of which must be stated) should be separated from repairs due to other causes; and sides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the date and initials of any letters respecting this case.

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *Yes.*

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? *Yes.*

Was this not done, state for what reasons? *—*

What parts of the Boilers could not be thus thoroughly examined? *—*

What special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? *—*

Did the Surveyor examine the Safety Valves of the Main Boiler? *Yes.*

To what pressure were they afterwards adjusted under steam? *163 lb*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes.*

To what pressure were they afterwards adjusted under steam? *85 lb.*

Has the propeller shaft been drawn and examined at this time? *No.*

If spare propeller shaft fitted, state whether new? *—*

What is the distance between lignum vitae of stern bush and top of after bearing of screw shaft? *3/16"*

Is the Survey not complete state what arrangements have been made for its completion and what remains to be done? *Completed.*

Examined Main & Donkey Boilers internally & externally and Safety valves also propeller, stern bush & sea connections.

Repairs due to wear & tear. All tubes in Donkey Boiler, combustion chamber doors & stays & rivetted screwed stays in the same boiler now renewed. Donkey Boiler tested by hydraulic pressure to 120 lbs.

Main steam pipes annealed, flanges rebrazed & pipes tested to 320 lbs.

Safety valves adjusted under steam as above.

General Observations, Opinion, and Recommendation:—*This vessel's Boilers & Engines as*

clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9, 97, B.&M.S. 9, 97 or L.M.C. 9, 97, 140 lb., F.D., &c.)

as seen are now in good condition & in my opinion the vessel is fit for the record B.S. 2 99.

Registration Fee (per Sec. 27)..... £ *2.00*
 Fee per Section 28)..... £ *4.00*
 Damage Fee (per Section 28)..... £ *1.16.0*
 Working Expenses (if chargeable)..... £ *—*

Fees applied for *14/2 18 99*
 Received by me, *15/2 18 99*

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

If Certificate is required

Committee's Minute

Signed

FRI, 17 FEB 1899

MACHINERY CERTIFICATE
 WRITTEN.



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LON 717-0387

Main & Donkey Boilers examined

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

All tubes renewed in donkey boiler
Combustion chamber dogs and stays
and 19 Screwed stays in same
boiler now renewed.

Main steam pipes annealed
flanges rubbed.

It is submitted that
this vessel is eligible for
THE RECORD. B.S. 2. 99.

A.C.H.

14.2.99

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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