

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

(Received at London Office)

FRI. 11 JUN 1897

Date of writing Report 10 June 97 When handed in at Local Office 18 Port of London
 No. in Reg. Book 321 Survey held at London Date, First Survey 22 May Last Survey 9 June 1897
 on the Machinery of the Wood, Iron or Steel S. S. "Cassel" Master A. Dollar
 Tonnage { Gross 448 Net 257 Vessel built at Southampton By whom Southampton Naval Dock Co. (Ld.) When 1891 - 4
 Registered 95 Engines made at Southampton When 1891 Boilers, when made (Main) 1891 (Donkey) 1891
 No. of Main Boilers one Owners Mead Son & Kinsley Port London Voyage Hunkirk
 No. of Donkey Boilers one £ Surveyed Afloat £ in Dry Dock Battlebridge & Co. Ltd. & Linsay Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 Steam Pressure 160 lb in Main Boilers 65 lb in Donkey Boilers 65 lb

Last Survey No. 100A1-2.97 Port London
 Particulars of Examination and Repairs (if any) Condition + B.S.

(Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, 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 besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates 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
 Do. " " " " " Yes
 If this was not done, state for what reasons? ✓
 And what parts of the Boilers could not be thus thoroughly examined? ✓
 Also 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 At what pressure were they afterwards adjusted under steam? How 160 lb
 Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted? How 65 lb
 Has the propeller shaft been drawn and examined at this time? No If spare propeller shaft fitted, state whether new? ✓

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete
Vessel placed in dry dock. Examined propeller, Bush (down 3/16) & all sea connection fastenings - the nut on prop shaft taken back, cleaned & tightened, the outside guard ring on Donkey Blow down taken off & a larger ring fitted.
Examined Main Boiler externally & internally & found it in fair condition, with exception of Starb. Furnace at back end, which was badly corroded & cracked between rivet-holes, the saddle plate to same was also badly cracked between rivet-holes, the Furnace has been cut about 10" back, the saddle plate has also been cut, & a new Saddle plate extending to where Furnace had been cut, has been fitted. Safety valves satisfactory.
Examined Donkey Boiler externally & internally & found it in fair condition, with exception of uptake pipes which were drilled at water level & found to them, the pressure in consequence reduced to 65 lb.
Safety Valve satisfactory. Examined M & D Boilers under steam & adjusted safety valves to working pressures.
 General Observations, Opinion, and Recommendation:—The Machinery of this vessel, so far as seen, is now in a safe working condition & eligible, in my opinion, to have B.S. 6.97 Recorded in the Register of this Society. The pressure of Donkey Boiler to be noted as 65 lb in Register Book.
 (State 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. 9.95, B.&M.S. 9.95 or L.M.C. 9.95, 140 lb., F.D., &c.)

Office or Registration Fee (per Sec. 27) £ 1 : 10 : 0
 Survey Fee (per Section 28) £ 3 : 0
 Special Damage Fee (per Section 28) £ 1 : 7 : 0
 Travelling Expenses (if chargeable) £ 1 : 7 : 0
 Fees applied for 11/6 18 97
 Received by me, 12.6.18 97 1897

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

*State if Certificate is required

Committee's Minute

Assigned

TUES 15 JUN 1897

B.S. 6.97

Lloyd's Register
 Foundation

LON 712 - 0501

Moderate repairs made to main

Boiler due to wear & tear.

It is submitted that
this vessel is eligible for
THE RECORD.

B. S 697

Donkey Boiler pressure to be raised
65 lbs.

LS

11/6/97

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.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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