

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

(Received at London Office)

WED. 2 MAR 1898

Date of writing Report 28 Feb 98 When handed in at Local Office 18 Port of London
 No. in Reg. Book. 897 Survey held at London Date of First Survey 15 Feb Last Survey 24 Feb 1898
 on the Machinery of the Wood, Iron or Steel S.S. "Southern Cross" Master R. Phipps
 Tonnage { Gross 3050 Net 3311 Vessel built at Belfast By whom Wortman Clarke & Co. When 1892-9
 Registered Horse Power 511 Engines made at Belfast When 1892 Boilers, when made (Main) 1892 (Donkey) ✓
 No. of Main Boilers 3 Owners Southern Cross S.S. Co. (Lim) Port London Voyage River Plate
 No. of Donkey Boilers none If Surveyed Afloat or in Dry Dock West India
 Steam Pressure in Main Boilers 170 lb in Donkey Boilers ✓

Last Survey No. 36044 Port LondonParticulars of Examination and Repairs (if any) Boiler Survey

(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? No - Port Boiler only

Do. " Donkey " " "

If this was not done, state for what reasons? Other Boilers recently examinedAnd 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? NoAt what pressure were they afterwards adjusted under steam? How 172 lbDid the Surveyor examine the Safety Valves of Donkey Boiler? HowTo what pressure were they afterwards adjusted? ✓Has the propeller shaft been drawn and examined at this time? NoIf spare propeller shaft fitted, state whether new? ✓State the distance between lignum vite of stern bush and top of after bearing of screw shaft? ✓If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete

Port Main Boiler examined internally & externally & found it in good condition

Starboard Main Boilers examined under hydraulic test to 340 lb per sq inch & found to be tight.

Examined all boilers under steam and adjusted safety valves to working pressure.

The upper box of tubes in Condensers were drawn and cleaned, the other boxes it was stated were cleaned, one at Newcastle & the other at Antwerp.

The Electric Light Engine has been overhauled and a new armature fitted, the cable in the stakehole has been renewed.

A new propeller shaft, marked as follows, has been fitted on board as spare

Lloyds
423
J.F.

General Observations, Opinion, and Recommendation: The Machinery of this vessel so

(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.)

far as seen, is now in a safe working condition & eligible, in my opinion, to have B.S. 2.98 Recorded in the Register of the Society. See Newcastle Report N° 36044.

Office or Registration Fee (per Sec. 27) £ : : Fees applied for
 Survey Fee (per Section 28) £ : : 18
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ : :
 Received by me, 18

*State if Certificate is required

Committee's Minute

Assigned

FRI. 4 MAR 1898

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



Lloyd's Register
 Foundation

LON715-0009

Pat. M. B. examined & Bts & Start^d mes
tested: upper bon of condenser tubes
drawn it is stated the others have been
cleaned. Electric light cable
renewed in stoke hold.

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

B-129P

LL
2/3/98

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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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