

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 is 98 When handed in at Local Office Port of London is 18

No. in Reg. Book 897 Survey held at London Date, First Survey 15 Feb Last Survey 24 Feb 18 98

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 Warkman Harle & 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 (Lims) 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 lbs in Donkey Boilers

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. 36044 Port London

Particulars of Examination and Repairs (if any) Boiler Survey

CHARACTER for Special Survey, Date of last Survey and of Periodical Surveys.	Years Assigned and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A1-2.96</u>		<u>1.97</u>

(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 " " " Other Boilers recently examined

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? No At what pressure were they afterwards adjusted under steam? How 172 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? None To what pressure were they afterwards adjusted? ✓

Has the propeller shaft been drawn and examined at this time? No If 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 lbs 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, Obinion, 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. 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).....	£ : /	
Special Damage Fee (per Section 28).....	£ : /	
Travelling Expenses (if chargeable).....	£ : /	
		Received by me,
		18

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

* State if Certificate is required

Committee's Minute FRI. 4 MAR 1898

Assigned BS 2.98



Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

Insert Character of Ship and Machinery precisely as in the Register Book.

*Certificate to be sent to

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

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.

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

B-129P

LL
2/3/98

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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Foundation