

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

(Received at London Office... SAT. 26 AUG. 1899)

Date of writing Report *25 Mijc 1899* When handed in at Local Office *25 Mijc 1899* Port of *London*

No. in Reg. Book *990* Survey held at *London* Date, First Survey *9 Mijc 1898* Last Survey *8 Aug 1899*

Machinery of the *Wood, Iron or Steel* *S.S. Southern Cross* Master *J. Phillips*

Tonnage Gross *5850* Net *3311* Vessel built at *Belfast* By whom *W. W. Clark & Co* When *1892*

Registered Horse Power *511* Engines made at *London* When '92 Boilers, when made (Main) *'92* (Donkey) *-*

No. of Main Boilers *3* Owners *Houlder Bros & Co* Port *London* Voyage *Harbour*

No. of Donkey Boilers *None* If Surveyed Afloat or in Dry Dock *Afloat in ~~the~~ *Harbour**

Steam Pressure in Main Boilers *170 lb* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. *Comp. B.S.* Port *London*

Particulars of Examination and Repairs (if any) *Damage to Main B. 1.99 + 100 lb. 1.99 + 100 lb. 1.99*

(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.*

Do. " Donkey " *None*

If this was not done, state for what reasons? *Already done see London Report No 60726.*

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* To what pressure were they afterwards adjusted under steam? *Not adjusted*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *-* To what pressure were they afterwards adjusted under steam? *-*

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 vitae of stern bush and top of after bearing of screw shaft? *-*

If so, is the Report sent now, or when will it be sent? *-*

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? *At Newport. The Safety valves to be adjusted and Damage examined and repairs to be completed as per copy of Damage Report attached. Surveyors advised. Now done: - Cylinders Pistons and Pumps examined, the Bilge Pump Valve got and the Main discharge pipe Valve box found to be damaged also the branch Main Steam pipe damaged at reef and the Auxiliary Steam Pumps showing signs of having been unduly strained.*

*The Cylinders Pistons Kites and Pumps now found to be generally in good order.*

*It is arranged with Owners that this Survey will be completed in Newport and it is respectfully recommended that Vessel is eligible to proceed from London on this Voyage.*

General Observations, Opinion, and Recommendation: -

(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, 97, B.&M.S. 9, 97 or G.L.M.C. 9, 97, 140 B.F.D., &c.)

*The Machinery of this Vessel as now seen is in good order and in my opinion eligible to remain as classed without fresh record at present, but that the record of B.S. 1.99 be assigned when this Survey is completed.*

Office or Registration Fee (per Sec. 27) *2*

Survey Fee (per Section 28) *2*

Special Damage Fee (per Section 28) *3 3/4*

Travelling Expenses (if chargeable) *£ 2:17:0*

Received by me, *D. Ritchie* 26/8 1899

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

Committee's Minute *FRI. 13 OCT 1899*

Assigned *see minute on hpt 12268*

*FRI. 23 FEB 1900*

*FRI. 18 MAY 1900*

Lloyd's Register Foundation

London - 0192

B.S. Dec 2, 99 nothing done to be completed <sup>at</sup>  
report.

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 to cause it to show through to the other side.

It is submitted that  
this vessel is eligible to  
remain as **CLASSED**, subject to the  
Main Steam pipe being repaired  
& the Aux steam pumps being  
overhauled

<sup>also</sup> It is submitted that this  
vessel **WILL BE** eligible for  
the record. B. S. 2, 99 when  
the  
All safety valves have  
been adjusted

25/9/99

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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