

51874

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

(Received at London Office) THURS. 14 MAY 1891

No. 172 Date of Writing Report 12<sup>th</sup> May 1891 Port of London  
Survey held at London Date, first Survey 31<sup>st</sup> Jan<sup>y</sup> Last Survey 8<sup>th</sup> May 1891  
on the Machinery of the S.S. Iris Master Arnold No. of Visits 7  
Tonnage Gross 932 Net 487 Vessel built at London By whom Lewis & Stockwell When 1872 5  
Registered Horse Power 200 Engines made at S. When 1872 Boilers, when made (Main) 1880 (Donkey) 1880  
No. of Main Boilers 2 Owners Genl. St. Nav. 6<sup>th</sup> Port London Voyage ✓  
Steam Pressure in Main Boilers 65 If Surveyed Afloat or in Dry Dock Both Class of Vessel & Machinery 100A1. 8.89  
in Donkey Boiler 45 (State name of Dock.) Blackwall St. 50<sup>th</sup> River (As in Register Book, including dates of Special Surveys of Ship and of last Boiler Survey.) L.M.C. 10.88  
Last Survey No. 49799 Port Lon S.S. Lon No. 1.88.

## Particulars of Examination and Repairs (if any) B.S.

(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 should be separated from Repairs due to other causes. 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. " Donkey " " " 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? 65 lbs

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

To what pressure were they afterwards adjusted? 45 lbs (dead weight)

Examined main boilers internally and externally.

Six (6) stay nuts on back of Combustion Chambers removed.

The Boilers otherwise in good condition.

Examined main Boiler Safety Valves - found in good order. Tested & adjusted

them under steam to blow at 65 lbs pressure per sq. in.

Examined Donkey boiler internally & externally. found it in good

order.

Examined donkey boiler Safety Valve (dead weight) found same in

good order - tested donkey boiler under steam - Safety Valve lifts

at 45 lbs pressure per sq. in.

Vessel placed in dry dock

Examined propeller, sea connections & their fastenings. found good.

Sail end shaft drawn - new end (for?) welded on - satisfactory

stem bush re-wooded satisfactorily

## General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 189, B.&M.S. 189, or L.M.C. 189, as the case may be.)

As far as seen the machinery  
of this vessel is in good working order and in my opinion  
eligible to remain as Classed & have BS 5 91 recorded in  
the register book

Office or Registration Fee (per Sec. 27)..... £ : :	Fees applied for
Survey Fee (per Section 28)..... £ 2 0 0	<u>14/5-18/5A</u>
Special Damage Fee (per Section 28)..... £ : :	Received by me,
Travelling Expenses (if chargeable)..... £ : :	<u>15/6-18/5A</u>

\*State if Certificate is required

Committee's Minute FRI. 15 MAY 1891

Assigned R.S. 5/91

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



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Foundation

Lon 693-0045

State if a Report is also now sent on the Ship, or if not whether, and when, one will be sent.

16.-L. R. F. H.-Form No. 9.-Transfer Ink.-5,000, 23-2-91. \*Certificate to be sent to the Registrar of Shipping, or to the Registrar of the Port, for Committee's Minute.

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



It is submitted that this  
vessel is eligible to  
have B.S. 5-91  
recorded.

W.A.

14-5-91

