

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

(Received at London Office

THUR. 5 JAN 1899

Date of writing Report 4 January 1899 When handed in at Local Office

18 Port of London

No. in Reg. Book 784 Survey held at London

Date First Survey 3 Dec/98 Last Survey 3 Jan 1899

on the Machinery of the Wood, Iron &amp; Steel S.S. "Harrigan"

Master E O Neil

Tonnage Gross 780

Net 475

Vessel built at Dundee

By whom Barclay Brothers

When 1891 - 4

Registered Horse Power 121

Engines made at London

When 1891 Boilers, when made (Main) 1891 (Donkey) 1891

No. of Main Boilers one

Owners General Steam Nav Co

Port London

Voyage Antwerp

No. of Donkey Boilers one

Steam Pressure in Main Boilers 160 lb

X Surveyed Afloat or in Dry Dock East Lane Pier

(State name of Dock.)

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

CHARACTER. X for Special Survey. Date of last Survey and of Periodical Surveys.	Year Assigned how expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+100 A1 - 8.96		+Lm C 11.95
S.S. Lon 201-95		B.S. 10.97

Last Survey No. Port 60552 Lane

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

(Periodical Surveys, when held, must be reported in detail and serially 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

"

"

If this was not done, state for what reasons? Main Boiler recently examined

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? How 152 lb

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

To what pressure were they afterwards adjusted under steam? How 51 lb

Has the propeller shaft been drawn and examined at this time? No

If spare propeller shaft fitted, state whether new? Yes

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? Yes

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete

Examined Donkey Boiler externally and internally &amp; found it in fair condition

Examined Safety Valves &amp; found them satisfactory.

Examined Main &amp; Donkey Boilers under steam and adjusted Safety valves to working pressures.

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

(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 L.M.C. 9.97, 140 lb., F.D., &c.)

far as seen, is now in a safe working condition & eligible, in my opinion, to have B.S. 12.98 Recorded in the Register of the Society. (See London Report No 60552)

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. 6 JAN 1899

B.S. 12.98

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



Lloyd's Register  
Foundation

LON 717-0225

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

\*Certificate to be sent to



Tonkey Boiler examined, and  
all safety valves now adjusted  
under steam.

It is submitted that  
this vessel is eligible for  
THE RECORD. B.S. 12.98.

A.C.H.

5.1.99.

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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