

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

(Received at London Office

WED. 23 NOV 1898

Date of writing Report 7<sup>th</sup> Nov. 1898. When handed in at Local Office

18

Port of

London.

No. in Reg. Book.

Survey held at

Date, First Survey

Last Survey

18

347

on the Machinery of the ~~Wood, Iron~~ Steel *SS. Ituna*

Master *J. Fredrikson*

Tonnage

Gross 457

Net 268

Vessel built at *Grangemouth*

By whom *Dobson & Charles*

When 1884 11

Registered Horse Power

70

Engines made at *Glasgow*

When 1884

Boilers, when made (Main) 1884 (Donkey) 1898

No. of Main Boilers

one

Owners *J. Kielland & Co.*

Port

*Dronheim*

Voyage

No. of Donkey Boilers

80

If Surveyed Afloat or in Dry Dock

(State name of Dock.)

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

CHARACTER. for Special Survey. Date of last Survey and of Periodical Surveys.

+ 100 A.1. 6.98  
as. No 3-3.96

Years Assigned and extended.

Machinery and Boiler Surveys (including date of N.B., if any).

+ L.M.C. 3.96  
B.S. 6.98.

Last Survey No. 8462 Port *Loe*  
Particulars of Examination and Repairs (if any)

(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?

Do. " Donkey " " "

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?

To what pressure were they afterwards adjusted under steam?

Did the Surveyor examine the Safety Valves of the Main Boiler?

To what pressure were they afterwards adjusted under steam?

Did the Surveyor examine the Safety Valves of Donkey Boiler?

Has the propeller shaft been drawn and examined at this time?

Yes

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

The propellershaft was drawn and examined. At forward end of after liner the shaft was found to be corroded to a depth of  $\frac{1}{8}$ " all round, the diameter being reduced from 7" to  $6\frac{3}{4}$ ". (Diam. of tunnel shafting =  $6\frac{3}{4}$ ".)

New lignum vitae bearing fitted in stern bush, also new stop ring at this place.

Donkey sea suction rose plate examined: brass  $\frac{3}{16}$ " thick secured to ship side by 3 bolts.

As the two lowest rudder pintles (in all 3 in number) were found to be much reduced in diam., and the bushes quite loose, new pintles were made and fitted to rudder in the same way as previously done with the third.

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 L.M.C. 9,97, 140 lb., F.D., &c.)

Office or Registration Fee (per Sec. 27) £ : :  
Survey Fee per Section 28) £ 2.2 :  
Special Damage Fee (per Section 28) £ : :  
Travelling Expenses (if chargeable) £ : :

Fees applied for 18/11 1898

Received by me, 18/11 1898

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

\*State if Certificate is required

Committee's Minute

FRI. 25 NOV 1898

Assigned

White 25/11/98

We certify that we have appointed Mr. A. Rambeck, marine Engineer, to report upon above steamer and that we believe every confidence may be placed in his report. H. A. Backe Lloyd's agents.

\*Certificate to be sent to

5400-LIFN07



Screw shaft examined

It is submitted that  
this vessel is eligible to  
remain as CLASSED.

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.

A.C.H.

23.11.98.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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Foundation