

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

No. 60098

MON 18 JUL 1898

(Received at London Office)

Date of writing Report July 16th 1898 When handed in at Local Office 18 Port of London
 No. in Reg. Book 56 Survey held at London Date, First Survey and Last Survey July 11th 1898
 on the Machinery of the Wood, Iron or Steel Swi S.S. Kanagawa Maru Master McKenzie
 Tonnage { Gross 6157 Net 3813 Vessel built at Glasgow By whom Henderson & Co. When 1896 12.
 Registered { 550 Engines made at 58 When 1896 Boilers, when made (Main) 1896 (Donkey) —
 Horse Power { 4 Owners Nippon Yusen Kaisha. Port Tokio Voyage Middlebro'
 No. of Main Boilers 0 No. of Donkey Boilers 0
 Steam Pressure in Main Boilers 200 lbs. If Surveyed Afloat or in Dry Dock Silbury Dock (State name of Dock.)
 in Donkey Boilers 0

Last Survey No. 44 Port TagParticulars of Examination and Repairs (if any) Damage to Boiler

(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? After single ended Boiler only.

Do. " Donkey " " " "

If this was not done, state for what reasons? No Survey due

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? NoAt what pressure were they afterwards adjusted under steam? ✓Did the Surveyor examine the Safety Valves of Donkey Boiler? NoTo what pressure were they afterwards adjusted? ✓Has the propeller shaft been drawn and examined at this time? NoIf 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? On vessel's arrival at Middlebro' Surveyors have been advised.

Examined after single ended Boiler internally and externally. Found the wing combustion chamber crowns deflected, the tubeplates buckled and the tubes crushed, stays & seams leaking. This damage was stated to have been caused by the water being allowed to get too low in the boiler just after the vessel left Hong Kong.

Owing to the vessel being only a few days in London no repairs were effected here, but it has been arranged that the work will be done on the vessel's arrival at Middlebro'.

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

(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.)

with the exception of the after single ended boiler is now as far as seen in good condition & in my opinion the vessel is eligible to remain as classed subject to the damaged boiler being repaired as arranged.

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

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

FRI, 12 AUG 1898

TUES, 19 JUL 1898



Lloyd's Register Foundation

LON 716-0106

After single ended Boiler exam'd
on acc of damage, to be repaired
at Middlesbrough surveyors advised

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 to
remain as **CLASSED** subject to
the damaged boiler being
repaired at Middlesbrough
Surveyors to be advised

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18/12/98

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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