

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

(Received at London Office)

MON 26 NOV 1899

Date of writing Report *17<sup>th</sup> Nov 1899* When handed in at Local Office *18* Port of *London*  
 No. in Reg. Book *56* Survey held at *London* Date, First Survey *17<sup>th</sup> Nov* Last Survey *1899*  
 on the Machinery of the Wood, Iron or Steel *Twin S* "Kanagawa Maru" Master *J. Mc. Hengie*  
 Tonnage { Gross *6151* Net *3813* Vessel built at *Glasgow* By whom *D. & W. Henderson & Co* When *1896* 12  
 Registered Horse Power *550* Engines made at *Glasgow* When *1896* Boilers, when made (Main) *1896* (Donkey) *✓*  
 No. of Main Boilers *4* Owners *Nippon Yusen Kaisha Ltd* Port *Tokio* Voyage *Japan*  
 No. of Donkey Boilers *✓* If Surveyed Afloat or in Dry Dock *Tilbury Dry Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 Steam Pressure in Main Boilers *200* (State name of Dock.)  
 in Donkey Boilers *✓*

Last Survey No. Port

Particulars of Examination and Repairs (if any) *Docking*

(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?

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?

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? *Port 1/4" Starboard 1/4"*

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

*To complete the survey the screw shafts have to be examined. The owners representative states that these will be drawn in for examination whilst the vessel is in Japan within two months time.*

*Now done. - Vessel placed in dry dock, Propeller, Stern Bush and sea connection fastenings examined and found in good condition.*

General Observations, Opinion, and Recommendation:— *The machinery as far*

(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.)

*as seen is now in good & efficient condition & in my opinion this vessel is eligible to remain as classed in the Society's Register Book, subject to the screw shafts being drawn in & examined on the ship's arrival at Yokohama.*

Office or Registration Fee (per Sec. 27) £ : :  
 Survey Fee (per Section 28) £ : :  
 Special Damage Fee (per Section 28) £ : :  
 Travelling Expenses (if chargeable) £ : :  
 Fees applied for  
 Received by me, *18*

*Patrick J. Rodie*  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

State if Certificate is required

Committee's Minute

FRI. 24 NOV 1899

TUES. 24 APR 1900

Assigned

*as now**as now**subject**broken condition*

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Lloyd's Register Foundation



It is submitted that  
this vessel is eligible to  
remain as **CLASSED**. Subject to  
both screw shafts being  
examined on arrival at  
Yokohama.

Admiral Yokohama  
Surveyor.

C.D.

20/11/99

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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