

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

(Received at London Office)

Date of writing Report 19 When handed in at Local Office 26 NOV 1937 Port of LIVERPOOL

No. in Reg. Book. 22084 Survey held at Birkenhead Date, First Survey 9 Last Survey 16th Oct 1937
on the Machinery of the Wood, Iron or Steel "CAMPDEN HILL" "HOKUJU MARU" (No. of Visits 1)

Tonnage { Gross 4276 Vessel built at Montreal By whom Canadian Vickers, Ltd. When 1918-8
Net 2619 Engines made at Montreal By whom Canadian Vickers, Ltd. When 1918
Nominal Horse Power 474 Boilers, when made (Main) 1918 (Donkey)
No. of Main Boilers 35B Owners Asakichi Kitagawa Owners' Address Osaka Voyage Japanese
No. of Donkey Boilers 1 Managers Asakichi Kitagawa Port Osaka Voyage Japanese
Steam Pressure in Main Boilers 180 lb Surveyed Afloat or in Dry Dock Cannell Sands Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
in Donkey Boilers 1 (State name of Dock.) B.P.K.

Last Report No. _____ Port _____

Particulars of Examination and Repairs (if any) Def.

(Periodical Surveys, when held, must be reported in detail and seriatim 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.)

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined

Was a damage report made by anyone else? If so, by whom?

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No

Donkey " " " "

If this was not done, state for what reasons? Boilers not prepared for survey.

And what parts of the Boilers could not be thus thoroughly examined? None

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? None

State latest date of internal examination of each boiler _____ Present condition of funnel(s) Efficient.

Did the Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam? 180 lb

Did the Surveyor examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam? 180 lb

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? , and of the Donkey Boilers?

Did the Surveyor examine the drain plugs of the Main Boilers? , and of the Donkey Boilers?

Did the Surveyor examine all the mountings of the Main Boilers? , and of the Donkey Boilers?

Has screw shaft now been drawn and examined? No Is it fitted with continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Has shaft now been changed? If so, state reasons None

Has the shaft now fitted been previously used? Has it a continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

State date of examination of Screw Shaft _____ State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft 3/16"

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted?

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses?

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?

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

Vessel placed in dry dock, propeller and outside fastenings examined and found in good order. Wear down as above.

NOTE: It was pointed out that the boiler survey became due in 9.37, but no information could be obtained regarding the carrying out of this survey.

General Observations, Opinion, and Recommendation:— The machinery of this vessel as seen is eligible in my opinion to remain as classed without fresh record of survey.
(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. 9,11, B.&M.S. 9,11, X L.M.C. 9,11, or X L.M.C. 140 lb., F.D., &c.)
CS 3,34,

Survey Fee (per Section 20) £ : : Fees applied for 19
Special Damage or Repair Fee (if any) (per Section 29.) £ : :
Travelling expenses (if chargeable) £ : : Received by me, 19

H. R. Howells
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute LIVERPOOL 30 NOV 1937
Assigned Deferred for B.S.



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

Is a Certificate required? If so, to be sent to

The Surveyors are requested not to write on or outside the space reserved for the signature of the Surveyor

Noted
 Clause 9-37 to be
 held in Japan about
 2-37. Approved
 [Signature]
 9/1/37

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