

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

(Received at London Office)

of writing Report 3rd October 1917 When handed in at Local Office 19 Port of Kobe
 in Survey held at Kobe Date, First Survey 2/8, 4/8, 9/8 Last Survey 11/8, 14/8, 19/17
 on the Machinery of the Wood, Iron or Steel Twin Screw Steamer "HITACHI MARU" Master S. Tominaga
 Gross 6557 Vessel built at Nagasaki By whom Mitsu Bishi D. & E. Works. When 1906 12
 Net 4039 Engines made at do By whom do When do
 Main Boilers 4 Boilers, when made (Main) 1906 (Donkey) ----
 Owners Nippon Yusen Kabushiki Kaisha Port Tokio Voyage
 Donkey Boilers 200 lb. If Surveyed Afloat or in Dry Dock Mitsu Bishi dry dock. Particulars of Classification (which must be inserted
 (State name of Dock.)

Report No. Port
 Particulars of Examination and Repairs (if any)

Medical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature 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, when being detailed in the body of the report, should be briefly summarized at the end of the report. State also the date and initials of any letters respecting this case.

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? Yes

Do " Donkey " " " " None

Was not done, state for what reasons?

What parts of the Boilers could not be thus thoroughly examined?

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? Yes

To what pressure were they afterwards adjusted under steam? 205 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted under steam?

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

, and of the Donkey Boiler?

Did the Surveyor examine the drain plugs of the Main Boilers?

None

, and of the Donkey Boiler?

Did the Surveyor examine all the mountings of the Main Boilers?

Yes

, and of the Donkey Boiler?

Has screw shaft now been drawn and examined? Yes

Is it fitted with continuous liner? Yes

or two liners?

or is it without liners?

Has shaft now been changed? Yes If so, state reasons No defect. In use a long time.

Has shaft now fitted new? Yes, both

Has it a continuous liner?

Yes

or two liners?

or is it without liners?

What is the distance between lignum vitae of stern bush and top of after bearing of screw shaft?

Lignum vitae renewed.

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

Complete.

Boilers and mountings examined and found good.

Cylinders, pistons, valves, rods, condensers, pumps and sea connections overhauled examined and found in order.

Inboard shafting good.

Both propeller shafts drawn and on account of age replaced by the two spare shafts of

Horison's "Lockfast iron" having continuous liners and each stamped

R.W. & Co.

Makers' Nos.

LLOYDS

404 & 405

No. 4307

T.L.T.

30/12/05

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.C. 8, 11, B.C.W.C. 8, 11, or B.M.C. 8, 11, 140 lb., F.D., &c.)

The machinery is now in good condition and eligible in my opinion for the records *LMC 8, 17

and Both propeller shafts renewed 8, 17.

Fee (per Section 28) Yen 180.

Damage or Repair Fee (if any)

(per Section 28.)

Other Expenses (if chargeable)

Fees applied for

Aug. 24 1917

Received by me,

Aug. 27 1917

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRID. NOV. 23 1917.

Signed + L.M.C. 8, 17

MACHINERY CERTIFICATE
 UNITED



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Lloyd's Register
 Foundation

Special survey held on washing
Screw shafts - changed

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THIS COPY IS TO BE
THE RECORD. 44 MC 8-14

NSP. 14.

[Signature]
15.11.14

OF THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.

