

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

(Received at London Office)

JUN -6 1940

Date of writing Report 26th Apr. 1940 When handed in at Local Office 26th April 1940 Port of SHIMONOSEKI.

No. in Reg. Book 27950 Survey held at SHIMONOSEKI. Date, First Survey 8th April Last Survey 23rd April 1940. (No. of Visits 3)

on the Machinery of the ~~Wood, Iron or Steel~~ Single Screw Steamer "KOZYUN MARU"

Gross Tonnage 1931 Vessel built at Osaka By whom Osaka Iron Works, Ltd. When 1924 7  
 Net Tonnage 1186 Engines made at Osaka By whom Osaka Iron Works, Ltd. When 1924  
 Nominal Horse Power 211 Boilers, when made (Main) 1924 (Donkey) /  
 No. of Main Boilers 2 Owners Hiroumi Syozi K.K. Owners' Address /  
 No. of Donkey Boilers 1 Managers / Port Kobe Voyage /  
 Steam Pressure in Main Boilers 200 lbs If Surveyed Afloat or in Dry Dock Both.  
 In Donkey Boilers 1 (State name of Dock.) Mitsubiehi Hikoshima 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.	Years assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>*IOOAI 4-39</u>		<u>*LMC 4-39</u>
<u>ssKob.No.3-3,35</u>		<u>TS (CL) 3-39</u>
<u>ssSmk.No.1-39</u>		

Last Report No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars of Examination and Repairs (if any) Docking & LMC.

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.

Where 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

Has 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

" " Donkey " " " " " " " "

If this 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?

State latest date of internal examination of each boiler 8th April 1940. Present condition of funnel(s) Good

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 200 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 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? Yes, and of the Donkey Boilers? /

Is 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? /

Is shaft now been changed? / If so, state reasons /

Is 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 40/1000"

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

So, did the Surveyor examine the generators, motors, switchgear, cables and fuses? /

Is 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 /

Work Done: Vessel placed in dry dock, propeller, aft end of stern bush, sea cocks & valves with their shell fastenings, examined and found in good condition.

All cylinders, pistons, valves, chests, rods, crank & thrust and intermediate shafting, condenser, pumps, piping and pumping arrangements examined and found in good condition.

The 2 Main boilers were examined over all parts with doors, mountings and safety valves and found or now placed in good condition.

Safety valves adjusted under steam as stated above on the 23rd April 1940.

Repairs due to wear & tear:-

M.P. piston slide valve casing bored out to diam. of 12 1/2" (mean).

P. boiler- 2 boiler small stays renewed.

Other minor repairs and adjustment effected,

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. 9,11, E.&M.S. 9,11, \* L.M.C. 9,11, or \* L.M.C. 140 lb., F.D., &c.)

The machinery and boilers of this vessel are in good condition and eligible in my opinion to be

continued as classed with fresh record of \* L.M.C. 4-40,

Survey Fee (per Section 20) ¥ 190:00 Fees applied for 24. 4. 1940

Special Damage or Repair Fee (if any) (per Section 20.) £ Received by me, Mr. Kanabura

Travelling expenses (if chargeable) £ Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 14 JUN 1940

Assigned + LMC 4.40



004505-009513-0164

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

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

Exp Examined.

Minor repairs

It is submitted that  
this vessel is eligible for  
THE RECORD, June 4, 40.

DA

13/6/40



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