

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

No. 11825

(Received at London Office - 4 SEP 1941)

Date of writing Report 14th June 41 When handed in at Local Office 26/6/41 Port of Kobe  
No. in Reg. Book 77401 Survey held at Innoshima Date, First Survey 23/5/41 Last Survey 9/6 1941  
on the Machinery of the ~~Kondokoro~~ S/S "NIKKI MARU" (ex "Kihuku Maru") (No. of Visits 4)  
Gross Tonnage 5857 Vessel built at Kobe By whom Kawasaki Dockyard Co. Ltd. When 1918, 11 mo.  
Net Tonnage 4259 Engines made at Kobe By whom Kawasaki Dockyard Co. Ltd. When 1918  
Nominal Horse Power 440 NHP Boilers, when made (Main) 1918 (Donkey) --  
of Main Boilers 2SB & 1 Aux. S.B. Owners Nissan Kisen K.K. Owners' Address --  
of Donkey Boilers -- Managers -- (If not already recorded in Appendix to Register Book.)  
Main Pressure 200 lbs. If Surveyed Afloat or in Dry Dock Both Port -- Voyage --  
Main Boilers 200 lbs. Donkey Boilers -- (State name of Dock.) Innoshima Dock.

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

Medical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent Repairs. Repairs on sides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the names and initials of any letters respecting this case.

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

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

and 1 Auxiliary Boiler

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? --

Was the examination of the Donkey Boilers 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?

Latest date of internal examination of each boiler June 1941.

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 the Auxiliary Boiler? Yes

To what pressure were they afterwards adjusted under steam? 200 lbs.

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

and of the Aux. Boilers? Yes.

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 Aux. Boilers? Yes.

Has the screw shaft now been drawn and examined? --

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 the shaft now been changed? -- If so, state reasons --

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? --

Date of examination of Screw Shaft -- State the distance between lignum vitae ~~between~~ of stern bush and top of after bearing of screw shaft 80/1000"

Engine parts, when referred to by numbers, should be counted from forward.

Is electric light ~~and power~~ fitted? Yes.

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? --

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

DONE:- Vessel placed in dry dock, propeller, aft end of stern bush, sea cocks and valves with air shell fastenings, examined and found or now placed in good condition.

All cylinders, pistons, valves and rods, crank, thrust and intermediate shafting,

condensers, pumps, piping and pumping arrangements examined and found or now placed in good condition.

The 2 Main and 1 Auxiliary Boilers were examined over all parts with doors, mountings safety valves and found or now placed in good condition. Safety valves adjusted under steam stated above.

## REPAIRS DUE TO WEAR AND TEAR:-

H.P. cylinder collars removed.

H.P. piston rod and H.P. & M.P. valve rods skimmed up. (P.T.O.)

General Observations, Opinion, and Recommendation:- The Machinery and Boilers 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, 11, B.S.M.S. 9, 11, L.M.C. 9, 11, or L.M.C. 140 lb., F.D., &c.)

LMC 2, 3, 4. in good condition and eligible in my opinion to be continued as classed with fresh record of

LM.C. 6, 41.

Survey Fee (per Section 29) Yen : 240.00

Fees applied for 11/6 19 41

Additional Damage or Repair Fee (if any) X

Printing expenses (if chargeable) (See Hull Report)

Committee's Minute TUE. 23 SEP 1941

Signed + Lamb 6.41

N.A. i. ind.  
Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

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L.P. astern guide shoe remetalled.

Both Weirs' feed pumps bucket rings renewed.

No. 1 dynamo engine cylinder and valve chest skimmed up and piston rings and slide valve renewed.

Fan engine cylinder skimmed up and piston rings renewed.

Main check valve chest of both main boilers renewed.

Defective Cables:- About 300 m. armoured wire and about 200 m. lead covered wire renewed.

Other minor repairs and adjustments carried out. *N.A.*



Per due S. 1. 1. 1.  
Survey held on engines  
Kunon repairs effected

It is submitted that  
this vessel is eligible for  
THE RECORD.

+ June 6. 41

Yours  
20. 9. 41



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