

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

(Received at London Office)

Date of writing Report 5th Nov. 1940 When handed in at Local Office 5th Nov. 1940 Port of SHIMONOSEKI

Survey held at KASADOSIMA Date, First Survey 26th Oct. Last Survey 30th Oct. 1940.
(No. of Visits 2)

on the Machinery of the ~~Wooden~~ Steel Single Screw Steamer "DAINI MARU"
Gross 5813 Vessel built at Tama By whom Mitsui Bussan K.K. When 1922 1
Net 4057 Engines made at Tama By whom Mitsui Bussan K.K. When 1922
Power 488 Boilers, when made (Main) 1922 (Donkey) /
Main Boilers 3 Owners Itaya Syosen K.K. Owners' Address /
Donkey Boilers / Managers / Port Kobe Voyage /
Pressure in Boilers 200 lbs If Surveyed Afloat or in Dry Dock Drydock.
Key Boilers / (State name of Dock.) Kasado Dock.

Report No. _____ Port _____

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

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 for special survey.	Machinery and Boiler Surveys (including date of N.B., if any).
*IOOAI Awng dk with freebd 4-40		*IMC 8-39.
ssKob.No.3-10-32		TS (CL) 4-40
ssKob.No.1-37		
Fitted for fuel 4.22		P.P. above 150°

Special Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent Repairs. Repairs on damage (the cause of which must be stated) should be separated from Repairs due to other causes; and 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.

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

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

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

Does the Surveyor go inside each Donkey Boiler separately and make a thorough examination at this time? /

Are parts of the Boilers which 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? /

What is the date of internal examination of each boiler? 26th October 1940. Present condition of funnel(s) Good

Has the Surveyor examined the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 200 lbs

Has the Surveyor examined the Safety Valves of Donkey Boiler? / To what pressure were they afterwards adjusted under steam? /

Has the Surveyor examined all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boilers? /

Has the Surveyor examined the drain plugs of the Main Boilers? /, and of the Donkey Boilers? /

Has the Surveyor examined all the mountings of the Main Boilers? Yes, and of the Donkey Boilers? /

Has the 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 the screw shaft now been changed? / If so, state reasons /

Has the screw 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? /

What is the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? 3/32"

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

Has the Surveyor examined 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 insulation resistance of the generators, circuits and apparatus not complete, state what arrangements have been made for its completion and what remains to be done Complete.

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

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

The 3 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 30th October 1940.

After fuel oil tank examined internally and found in good condition.

Note:- Fuel oil installation is not fitted in place, but coal only is using at present.

P. T. O.

at Observations, Opinion, and Recommendation:—

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

Machinery and boilers of this vessel are in good condition and eligible in my opinion to be used as classed with fresh record of *LMC 10-40 Subject to Fuel oil installation examined before use.

Fees applied for 5. 11. 19 40

Received by me, M. Law abusa 19

Committee's Minute TUE. 21 JAN 1941

Subject +Lmc 10. 40

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

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

009580-009589-0166

2608

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

"S.S. DAINITI MARU"

Repairs due to wear & tear:-

H.P. top half crank brass remetalled.
 L.P. piston rod skimmed up, neck and gland bush renewed.
 Inboard feed pump water cylinder renewed, new water cylinder tested by an hydraulic pressure to double the working pressure and found good.

P. boiler:- 1 small stay renewed.
 C. boiler:- Main check valve box renewed, the new box was hydraulically tested by 2 x W.P.
 S. boiler:- 7 small stays renewed.

Other minor repairs and adjustment effected. *h.w.c.*

Ex. A. Examined

It is submitted that
 this vessel is eligible for
THE RECORD, Folio 10740

*No. 2 due 0. 40 - so complete.
 Examined test steam pipes
 electrical rigging.
 Subject as recommended*

*h.w.c.
 20/10/14*



© 2020
 Lloyd's Register
 Foundation