

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

(Received at London Office 10 APR 1942)

Date of writing Report Jan. 23rd, 1942 When handed in at Local Office Port of SAN FRANCISCO

Survey held at San Francisco Date, First Survey 2nd Nov., Last Survey 3rd Dec. 1941  
(No. of Visits 15)

on the Machinery of the ~~XXXXXXXXXX~~ Steel T.S.S. "MAUI"

Gross 9941 Vessel built at San Francisco By whom Union Iron Works Co. When 1917 - 4  
 Net 5933 Engines made at Pittsburgh, Pa. By whom Westinghouse Co. When 1917  
 Main Boilers 8 WT Boilers, when made (Main) 1917 (Donkey) -  
 Owners Matson Navigation Co. Owners' Address -  
 (if not already recorded in Appendix to Register Book.)  
 Managers - Port San Francisco Voyage -  
 If Surveyed Afloat or in Dry Dock Both  
 (State name of Dock.) Hunter's Point

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).
*100 A 1 Shelter		*LMC
dk with freeboard		MS 7,37
11,40		BS 1,41
SSS. Fo. No. 3-10,29		TS CL 11,40
SSS. Fo. No. 2-37		Fit. for oil
		fuel 4,17
8 WT. B.S.		F.P. above
		150° F.

Report No. \_\_\_\_\_ Port \_\_\_\_\_ For Docking, Part M.S., T.S. Particulars of Examination and Repairs (if any) and Damage.

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 account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and should be detailed in the body of the report, should be briefly summarised 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 has exercised his services for this purpose, and why they were declined Report herewith.

Has a damage report made by anyone else? If so, by whom? U. S. Salvage Ass'n.

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

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

Where a survey was not done, state for what reasons? Not due for survey.

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? -

What is the latest date of internal examination of each boiler? -

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

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? - 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? -

Were the crew shafts drawn and examined? Yes Are they fitted with continuous liners? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? -

Were the starboard shafts now changed? Yes If so, state reasons Corrosion crack at after end of liner.

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

What is the date of examination of Screw Shafts? Nov. 17, 41 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft. P. and S. rewooded.

Were engine parts, when referred to by numbers, should be counted from forward? - Is electric light fitted? Yes

Did the Surveyor examine the generators, motors, switchgear, cables and fuses? No

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? No

If the survey is not complete, state what arrangements have been made for its completion and what remains to be done? To complete the survey all the

requirements remain to be carried out with the exception of the following:

WORK DONE:- Vessel placed in dry dock: propeller, sea connections and out side fastenings examined and found in order. Sea Cocks opened up and overhauled. Port and Starboard Tail Shafts drawn. Auxiliary condenser opened up and tested. Fire pumps opened up, overhauled and placed in good condition and the two main circulating pumps opened up, overhauled and placed in good condition. No. 2 generator Engine completely opened up, examined and placed in good condition.

REPAIRS:- Starboard stern bush, now found cracked in three places, renewed. The boiler mountings all boilers opened up and overhauled.

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

The machinery of this Vessel is eligible in my opinion to remain as classed with the record of M. S. with date being deferred until completion of survey, and T. S. (p. & s.) 11-41.

Survey Fee (per Section 29)..... \$20.00 : Fees applied for  
 Underwriters Fee..... \$15.00 : Jan. 13, 1942  
 Special Damage or Repair Fee (if any)..... \$20.00 :  
 (per Section 29.)  
 Travelling expenses (if chargeable)..... \$ 8.00 : Received by me,  
 19

Committee's Minute  
 Assigned Deferred  
 T. S. 11, 41.  
 NEW YORK FEB 11 1942

[Signature]  
 Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register  
 Foundation  
 007439-007449-0262

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

Note from - SS No. 3 due 10.41.

L.H.  
12/4/42.



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