

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

(Received at London Office 18 NOV 1942)

Date of writing Report 14th October 1942 When handed in at Local Office 19 Port of PORT NATAL
 No. in Survey held at PORT NATAL Date, First Survey 23rd Sept Last Survey 6th October 1942
 Reg. Book. 29567 on the Machinery of the Steel S.S. "NURMAHAL" (No. of Visits 3)
 Gross 5419 Vessel built at Glasgow By whom C. Connell & Co Ltd Year. Month. 1923 8
 Net 3380 Engines made at - Ho - By whom Dunsmuir & Jackson Ltd When 1923
 Nominal Horse Power 475 Boilers, when made (Main) 1923 (Donkey) 1923
 of Main Boilers 2 Owners Asiatic Steam Nav. Co Ltd Owners' Address (if not already recorded in Appendix to Register Book.)
 of Donkey Boilers 1 Managers - Ho - Port London Voyage -
 Steam Pressure 200 lbs If Surveyed Afloat or in Dry Dock Afloat (State Name of Dock.)
 of Donkey Boilers 110 lbs

Particulars of Classification (which must be inserted precisely as in Register Book and 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.I.		+ LMC
8.42 6.42		M.S. 12.40
S.S. Cal. N° 3-4.36		B.S. 8.41
S.S. Cal. N° 1-4.0		S. 12.40 C.L.
		6.42

st Report No. Port

Particulars of Examination and Repairs (if any)

B.S.

Periodical Surveys, when held, must be reported in detail and serially 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.

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?

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? Yes

Was this 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? ✓

Is the latest date of internal examination of each boiler Donkey 23/9/42, P+S. 28/9/42 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. per sq. in.

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes

To what pressure were they afterwards adjusted under steam? 110 lbs. per sq. in.

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

and of the Donkey 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 Donkey Boilers? Yes

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 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? ✓

State the 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 ✓

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

Is electric light and/or power fitted? ✓

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

The two main boilers and donkey boiler were examined internally and externally, and all their mountings.

The Safety Valves of each were adjusted under steam to the above pressures.

Repairs:- Port Boiler:- 2 stays renewed in port high comb. chamb.

General Observations, Opinion, and Recommendation:- The Machinery 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, etc.; thus, for example, B.S. 9.11, B. & M.S. 9.11, * L.M.C. 9.11, or * L.M.C. 140 lb., F.D., etc.)

Is the vessel eligible in my opinion to remain as classed, with record of B.S. 10.42.

Fee (per Section 29) B.S. £ 8 : 8 : 0

Damage or Repair Fee (if any) (per Section 29.) £

Printing expenses (if chargeable) £ 5 : 6

Committee's Minute

Signed

FRI. 4 DEC 1942

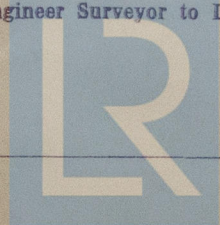
B.S. 10.42

Fees applied for 6/10/1942

Received by me,

19

acting Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

W203-0073

B. held

B. 1042

25/9

2/12/42



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