

REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES & BOILERS

(Received at London Office

6 OCT 1944

Date of writing Report 19/6/1944 When handed in at Local Office 19/6/1944 Port of BOMBAY

No. in Survey held at BOMBAY. Date. First Survey 11/6/44 Last Survey 15/6/1944
eg. Book. 29988 on the Machinery of the ~~Wood, Iron or Steel~~ T.S.S. "NELLORE" (No. of Visits 4)

Gross 6942 Vessel built at Greenock By whom Caird & Co. Ltd. When 1913-6
 Net 4292 Engines made at Greenock By whom Caird & Co. Ltd. When 1913-
 Nominal 710 Boilers, when made (Main) 1913- (Donkey) -
 Horse Power } Owners Eastern & Australian S.S. Co. Ltd Owners' Address -
 (If not already recorded in Appendix to Register Book.)
 No. of Main Boilers 2 DB & Managers Port Greenock. Voyage
 No. of Donkey Boilers - If Surveyed Afloat or in Dry Dock Alexandra Dock.
 (State name of Dock.)
 Steam Pressure in Main Boilers 215 lbs.
 in Donkey Boilers

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 AI- 4,43		+IMC 1,38
S.S.H.Kg. 2nd No. 3-5,38		+Lloyd's RMC-12,48
S.S.Syd. No. 1-43		B.S.- 2,43
		T.S.(cl)-P.9,41
		S.7,42

ast Report No. 1634. Port Free.

Particulars of Examination and Repairs (if any) Repairs & Part L.M.C.

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.

as 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?

" " " " " Auxiliary Boiler only.

this was not done, state for what reasons

and what parts of the Boilers could not be thus thoroughly examined?

So 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 Aux:Boiler 14/6/44.

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? Yes. Aux.Boiler only

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?

Is 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?

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

Is electric light and/or power fitted? Yes.

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

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

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 to further advance L.M.C.

It was reported that the Auxiliary Boiler ran short of water on 10th June 1944, whilst vessel was lying at No.12 Alexandra Dock, Bombay, apparently due to a feed check valve being left shut after boiler had been shut down for cleaning tubes.

The boiler was examined internally and externally and found in a satisfactory condition except for minor leakages at tube ends etc. screwed stays and seams. All the plain tubes were expanded and the c.c.screwed stays, seams etc. caulked as necessary. The boiler was subsequently examined under 245 lb. per square inch hydraulic pressure and 215 lbs. steam pressure and found satisfactory.

NOW DONE FOR PART L.M.C. One straight length of main steam pipe and one brass distance piece for Port Boiler hydraulically tested to 600 lbs. per square inch pressure and found satisfactory.

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, B.&M.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 opinion, to remain as classed with fresh record of M.S. with date, when the survey has been completed in accordance with the Rules.

Survey Fee (per Section 29) \$: Fees applied for 19/6/44
 Special Damage or Repair Fee (if any) Rs. 175/-
 (per Section 29) Rs. 48/-
 Travelling expenses (if chargeable) Rs. 20/-
 Sunday fee 11/6/44.

Received by me, 19.

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute Assigned

TUES. 24 OCT 1944

As now

subject

Lloyd's Register Foundation

W255-0003

Repairs to Auxiliary Boiler
Some steam pipes tested

This vessel is eligible for
Tonnage Tax EXEMPTION

Recd
18/10/44

See endorsement dated
6/6/44

General Observations, Opinion, and Recommendations



© 2021

Lloyd's Register
Foundation

REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES & BOILER