

Rpt. 9.

No. 19666.

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

(Received at London Office)

3-JUL-1952

Date of writing Report 1st July, 1952 when handed in at Local Office 2nd July, 1952 Port of MIDDLESBROUGH.

No. in Reg. Book. Survey held at Middlesbrough. Date. First Survey and Last Survey 20th June, 1952.
(No. of Visits 1)

150316 on the Machinery of the Wrecked Steel s.s. "AEOLUS".

Gross Tonnage 5685. Vessel built at Newcastle. By whom Nthmblnd. S.B. Co. Ltd., When 1918 10
 Net Tonnage 3558. Engines made at Newcastle. By whom N.E. Marine Eng. Co. Ltd. When 1918 10
 Nominal Horse Power 260 H.P. Boilers, when made (Main) 1918. (Donkey)
 Owners M.N. Lyras & J.M. Pateras. Owners' Address (if not already recorded in Appendix to Register Book.)
 of Main Boilers 3SB Managers Port Piraeus. Voyage
 of Donkey Boilers -
 Steam Pressure in Main Boilers 180 lbs. If Surveyed Afloat Cargo Fleet Wharf. (State name of Dock.)

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 or expired.	Machinery and Boiler Surveys (including date of N.E. if any)
*100 A1 6.51		*LMC 2.48
Shelter deck with freeboard		BS 2.51
SAnt. 2.48(Dr)		TS(CL) 11.50

Particulars of Examination and Repairs (if any) Exam. Main Circulating Pump S.R.L.

Special 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 the body of the report, should be briefly summarised at the end of the report. State also the dates and nature of any alterations respecting this case.

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.

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

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

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

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?

State latest date of internal examination of each boiler.

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

Did the Surveyor examine the Safety Valves of the Donkey Boilers? 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?

Has the screw shaft now been drawn and examined? Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?

Has shaft now been changed? If so, state reasons. Has the shaft now fitted been previously used? Has it a continuous liner?

Is an approved oil retaining appliance fitted at the after end? State date of examination of Screw Shaft. State the wear down in the stern bush.

Is electric light and/or power fitted? If so, 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?

Engine parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

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

Attended on board at the request of the Owners to examine main circulating pump.

S.R.L - "Examine main circulating pump by 7.52".

Now Done.

The main circulating pump was examined in its entirety after opening up and seen to remain efficient meantime.

Recommendation is made that the main circulating pump be examined before the end of February, 1953 and dealt with as considered necessary.

An Interim Certificate and a Limit Letter have been issued the respective copies of which are attached hereto.

Compl. B.S.

Enquiries were made regarding the completion of the B.S. and it was stated that the port boiler was examined in Bona and all safety valves adjusted on the 5th April, 1952 to complete the Survey.

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, BS 9.11, B&MS 9.11, *LMC 9.11 or *LMC 140 lb., FD, &c.)

The machinery of this vessel as far as now seen is in good condition and eligible in my opinion to remain as now classed without fresh record of Survey subject to the main circulating pump being specially examined and dealt with as considered necessary before the end of February, 1953 (8 months limit).

Survey Fee (per Section 23) Int. Cert. £ 8: - - Fees applied for 2.7.1952

Special Damage or Repair Fee (if any) (per Section 23.) £ Received by me, 19

Travelling expenses (if chargeable) £

Committee's Minute

Assigned D deferred for MS BS 7.52 subject

MON. 28 JUL 1952

J.C. Smith
2021
Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation