

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

No. 52240.

Date of writing Report 30/11/43 19... When handed in at Local Office 1 DEC 1943 (Received at London Office) 2 DEC 1943

No. in Survey held at Shull Port of Shull

Date. First Survey 28/10/43 Last Survey 23/11/43 19... (No. of Visits 12)

1941 on the Machinery of the Wood, Iron or Steel S.S. "Trevorian"

Gross 4599 Vessel built at South Shields By whom J. Readhead & Sons Ltd Year. Month. 1920 10

Net 2818 Engines made at South Shields By whom J. Readhead & Sons Ltd When 1920 -

Donkey Boilers 3 Boilers, when made (Main) 1920 (Donkey) ✓ When 1920 -

Donkey Boilers ✓ Owners Hain & P. G. Ltd Owners' Address ✓ (if not already recorded in Appendix to Register Book.)

Managers ✓ Port SA. Sves Voyage ✓

If Surveyed Afloat or in Dry Dock Alexandra Dry Dock (State name of Dock.)

Report No. Port Particulars of Classification which must be inserted precisely as in Register Book & Supplements.

Particulars of Examination and Repairs (if any) Locking of Sp. Gun Ex. L.R.

Special Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, 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 stated at the end of the report. State also the dates and initials of any letters respecting this case.

Special 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.

Special damage report made by anyone else? If so, by whom? Port

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

State for what reasons? ✓

What parts of the Boilers could not be thus thoroughly examined? ✓

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? ✓

Latest date of internal examination of each boiler 2/11/43

Did the Surveyor examine the Safety Valves of the Main Boilers? Port only Present condition of funnel(s) Efficient

Did the Surveyor examine the Safety Valves of the Donkey Boilers? Port To what pressure were they afterwards adjusted under steam? as before 180 lbs/sq"

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? ✓

Did the Surveyor examine the drain plugs of the Main Boilers? Port and of the Donkey Boilers? ✓

Did the Surveyor examine all the mountings of the Main Boilers? Yes and of the Donkey Boilers? ✓

Has the screw shaft now been drawn and examined? No Has it a continuous liner? ✓ and of the Donkey Boilers? ✓

Has the shaft now been changed? No If so, state reasons ✓ Is an approved oil retaining appliance fitted at the after end? No

Has the shaft now fitted been previously used? ✓ Has it a continuous liner? ✓

State date of examination of Screw Shaft 5/32 State the wear down in the bush 5/32

Is electric light and/or power fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes

Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? Yes (see attached Electrical Rpt)

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

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

one vessel placed in dry dock, propeller stem bushes outside fastenings examined and found in satisfactory condition.

Main Boiler examined internally externally found in satisfactory condition together with principal mountings.

Donkey Boilers. All plain stay tubes renewed. Stems, washed riveting in bottom of back front circumferential seams in space stay, combustion chamber girders stays, remain to be further examined & dealt with as necessary. See survey Rpt No. 2/11/43. Donkey Boilers not to be used as before. Labour conditions did not admit of their being

with at this survey.

Internal Examination (12 months). Machinery generally examined externally. Owners Superintendent stated machinery satisfactory.

The following parts opened up examined placed in satisfactory condition maybe counted towards special survey if Owners desire.

A.P. bottom end, the Eng driven circulating pump, independent Ballast pump. Repairs A.P. bottom end & installed

Ballast pump haw k. E. brackets liners & rods, valve gear overhauled. Steam cylinders & pistons placed in satisfactory condition.

Minor repairs effected. Main Port Boiler a number of tubes renewed. Other minor repairs effected.

engine room pumps tried under steam found satisfactory. Circumstances did not admit of trying main engine prior to sailing.

Al Observations, Opinion, and Recommendation:— The machinery of this vessel is eligible in my opinion, to remain as

(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.)

Fee (per Section 29) £ : : Fees applied for

Damage or Repair Fee (if any) £ : : 19

Expenses (if chargeable) £ : : Received by me, 19

Committee's Minute FRI. 17 DEC 1943

HS non subject

BS 10.43

A. Clive Phipps
Engineer Surveyor to Lloyd's Register of Shipping.



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W265-0109 (1/2)



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

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

"TREVORIAN"

General Examination & Repairs.

Electrical Equipment.

Two distribution boxes in the saloon alleyway were substituted for new ones, wiring from midships to wheelhouse and wheelhouse distribution and switchboards were renewed, all wiring in wheelhouse was renewed as was also the mast light and port and starboard navigation lights.

All starboard cabins in the engineers accommodation were rewired.

Smoke box lighting & chart room filter lights were installed.

Engine room wiring was repaired and partly renewed, and repairs were made to the boiler room and tunnel circuits.

Aft cargo sockets were repaired.

One light was fitted in the new P.O's mess.

On completion the equipment was operated under working conditions with satisfactory results and the insulation resistance of all circuits measured and found good.

The equipment of this vessel is in my opinion now in a good and safe working condition.

Fee:- £3: 3: 0.

A. G. Cornell



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BS due 8.43 partly held 10.43,
now completed, & a G.E. held,
A number of tubes in fire boiler renewed
& all tubes in donkey boiler renewed.

It is submitted that
this vessel is eligible for
THE RECORD, BS 10.43, DONKEY BOILER
Examined 11.43 not being used again.
Note examination of P crankpin,
main circulating pump, ballast
pump, and examination & test of
electrical equipment as per
SS W. 1 due 8.42.

2.2
15/10/43