

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

No. 52240.

Date of writing Report 30/11/43

When handed in at Local Office

1 DEC 1943

(Received at London Office)

2 DEC 1943

No. in Survey held at Hull

Port of Hull

Date First Survey 28/10/43

Last Survey 28/11/43

(No. of Visits 12)

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

Gross 4599
Net 2818
Nominal 425
Horse Power 180
of Main Boilers 3
Donkey Boilers 1
Pressure Main Boilers 180
Donkey Boilers 1

Vessel built at South Shields

By whom J. Readhead & Sons Ltd

Year. Month.

Engines made at South Shields

By whom J. Readhead & Sons Ltd

When 1920 10

Boilers, when made (Main) 1920

(Donkey)

When 1920 -

Owners Hain & Co. Ltd

Owners' Address

(if not already recorded in Appendix to Register Book.)

Port SA. Jves

Voyage

If Surveyed Afloat or in Dry Dock Alexandria Dry Dock

(State name of Dock.)

Report No. Port

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 A1 | | * LMC MS 2.39 |
| Shells & H. with frustrated | | BS 5.42 |
| BS 6.45. | | T.S.C.L. 5.42 |
| I.S. Val No 3-8.34 | | |
| T.S. Off No 1-39 | | |
| Tonnage Pumping Chad' 41 (W.E.) | | Donkey boiler to be used |

Particulars of Examination and Repairs (if any) Locking of 8th Gun Port. L.R.
Special Surveys, when held, must be reported in detail and serially 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
summarised 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?

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes

" Donkey "

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

Surveyor examine the Safety Valves of the Main Boilers? Port only

Present condition of funnel(s) Efficient

Surveyor examine the Safety Valves of the Donkey Boilers?

To what pressure were they afterwards adjusted under steam? 180 lb./sq. in.

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

To what pressure were they afterwards adjusted under steam?

Surveyor examine the drain plugs of the Main Boilers?

and of the Donkey Boilers?

Surveyor examine all the mountings of the Main Boilers?

and of the Donkey Boilers?

Screw shaft now been drawn and examined? No

and of the Donkey Boilers?

Has it a continuous liner?

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

Is electric light and power fitted? Yes

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses?

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.

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

One vessel placed in dry dock. Propellers, stern bushes, outside fastenings examined and found in satisfactory condition.

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

Donkey Boilers examined under steam. Safety valves adjusted.

Donkey Boilers. All plain stay tubes renewed. Stems, wasted riveting in bottom of back of front circumferential seams

in space stays, 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 at present. Labour conditions did not admit of their being

examined at this survey.

Next examination (12 months). Machinery generally examined externally. Owners Superintendent stated machinery satisfactory

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

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

duplex Ballast pump & the E. buckets & lines & rods, valve gear overhauled. Steam engine & piston 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.

General 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, boilers, working pressures, &c.; thus, for example, BS 9.11, B&MS 9.11 or *LMC 9.11 or *LMC

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 or *LMC 9.11 or *LMC

and with record BS 10.43 as previously recommended. Donkey Boilers not to be used.

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

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

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

Committee's Minute

BS 10.43

BS 10.43

BS 10.43

BS 10.43

BS 10.43

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

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

Engineer Surveyor to Lloyd's Register of Shipping.

W265-0109 (1/2)

Lloyd's Register
Foundation

"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 switch-boards 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. H. Cornwell

BS due 8.43 partly held 10.43,
now completed, & a G.E. held,
a number of tubes in hole 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 1 crankpin,
main circulating pump, ballast
pump and examination & test of
electrical equipment as per
BS 10.43 due 8.42.

2.4

15/12/43.



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