Rpt. 9.

No. 21001.

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

(Received at London Office 2- JAN 1952)

Date of writing Report 31st Dec 1951. When handed in at Local Office 1st Jan, 1952. Port of SOUTHAMPTON.

No in Reg. Book. Survey held at SOUTHAMPTON. Date. First Survey 6th NOV. Last Survey 12th DEC. 1951. (No. of Visits THREE.)

04123. on the Machinery of the [redacted], [redacted] Steel Barge BRITMEX No 2.

Tonnage { Gross 474 / Net 461

Nominal Horse Power ✓

No. of Main Boilers ✓

No. of Donkey Boilers 1

Steam Pressure— in Main Boilers ✓

in Donkey Boilers 180 lbs.

Vessel built at BELFAST. By whom HARLAND & WOLFF LD When (Year. Month.) 1920 6

Engines made at ✓ By whom ✓ When ✓ ✓

Boilers, when made (Main) ✓ (Donkey) 1920

Owners ESSO PETROLEUM CO LD Owners' Address ✓ (if not already recorded in Appendix to Register Book.)

Managers ✓ Port LONDON. Voyage ✓

If Surveyed Afloat or in Dry Dock (State name of Dock.) No 4 D.D. & WOOLSTON OIL JETTY

Last Report No. Port

Particulars of Examination and Repairs (if any) D.B.S. ; DOCKING.

(Periodical Surveys, when held, must be reported in detail and seriatim 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

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)
[redacted] A.1. Not Hardened protrusions abd. (Barge) 4.47. S.B. Sou. 4.47 (Dr). Burning oil fuel in bulk F.P. not lower than 150°F		[redacted] D.B. 5.20. D.B.S. 6.50. [redacted]

In 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 ✓

Was 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? ✓

" " Donkey " " " YES.

If not, 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? ✓

State latest date of internal examination of [redacted] boiler 12. 11. 51. Present condition of funnel (✓) EFFICIENT.

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 Boiler? YES. To what pressure were they afterwards adjusted under steam? 180 lbs/□"

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? ✓, and of the Donkey Boilers? YES.

Did the Surveyor examine the drain plugs of the Main Boilers? ✓, and of the Donkey Boilers? YES.

Did the Surveyor examine all the mountings of the Main Boilers? ✓, and of the Donkey Boilers? YES.

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.

D.B.S. Now done:- The donkey boiler opened up and examined in its entirety together with its safety valves and principal mountings, manhole doors and their fastenings, all found or put placed in good order. The boiler examined under steam and the safety valves adjusted to 180 lbs/□". The oil fuel burning and steam smothering installations examined under working conditions and found to be satisfactory.

Also at this time the boiler feed pump and the oil fuel unit pressure pump were opened up and examined in their entirety, found or put placed in good order.

Wear and tear repairs. Now done: Boiler safety valve springs corroded port renewed, two broken C.C. stays renewed and several minor repairs effected at this time.

Docking. Now done:- Vessel in drydock the outside fittings of the sea connections examined and found in order.

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.)

CS 3,34

The machinery of this vessel as put seen is in a good and safe working condition and is eligible in my opinion to remain as classed with first record of D.B.S. 11,51. put.

Survey Fee (per Section 29) D.B.S. £3.:0.:0.

Special ~~Damage or~~ Repair Fee (if any) (per Section 29.) £3:0:0

Travelling expenses (if chargeable) £ :5.:10.

Fees applied for 1/1/19 52

Received by me, 19

G. N. Lamb

Engineer Surveyor to Lloyd's Register of Shipping.

FRI. 18 JAN 1952

Committee's Minute

Assigned

If so, is the report sent now, or when will it be sent? NOW.

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

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

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

30m—40. Transfer Ink (MADE AND PRINTED IN ENGLAND.)

DBS due 6.51 now held.

It is submitted that this
essel is eligible for THE
RECORD. DBS 12.51.

12/1/52.