

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

(Received at London Office

5 NOV 1948

Date of writing Report

1. 11. 48

When handed in at Local Office

1. 11. 48

Port of NEWCASTLE-ON-TYNE

No. in Survey held at HEBBURN-ON-TYNE & NORTH SHIELDS

Date First Survey 13.8.48

Last Survey 29.10.48

(No. of Visits 12)

53626 on the Machinery of the Wood, Iron or Steel M.V. "BRITISH DRAGON"

Gross Tonnage 9909

Vessel built at SUNDERLAND

By whom SH. J. LANG & SONS LTD

Year. Month.

When 1943 6

Net Tonnage 5924

Engines made at GLASGOW

By whom HARLAND & WOLFF LTD

When 1943

Nominal Horse Power 4900

Boilers, when made (Main)

(Donkey)

1943

No. of Main Boilers

Owners BRITISH TANKER CO. LTD

Owners' Address

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

Port LONDON

Voyage ABADAN TO LOND

No. of Donkey Boilers 2

Managers

Steam Pressure

in Main Boilers

in Donkey Boilers 180 lb

Surveyed Afloat in Dry Dock

(State name of Dock.) HEBBURN & IN DRY DOCK AT SMITHS DOCK CO. LTD NORTH SHIELDS

Particulars of Classification which must be inserted precisely as in Register Book & Supplements).

Last Report No.

Port

Particulars of Examination and Repairs (if any)

Donkey Boilers & Bottom Battenworth System

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

10.47

LMC 6.43

OBS 10.47

TSCL 9.46

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

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 thorough examination at this time?

" " Donkey " " " " No

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 each boiler

Present condition of funnel(s)

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?

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Now Done:- Vessel placed in drydock, propeller, stern bush & outside fastenings examined

Wear down as above.

Sea connections opened out, examined & found & placed in good order.

New 6" diameter sea valve, cast steel, fitted to shell for Battenworth System to fabricated steel box (tested) on port side of engine room.

Nº1 Main engine cylinder cover, valves & valve gear, liner, piston rod, crosshead & bearings, opened out, examined & found & placed in good order.

Forward & after independent air compressors (steam driven) examined in their entirety & found & placed in good order.

Pumping arrangements examined & tested.

SEE FOLLOWER.

General Observations, Opinion, and Recommendation: The Machinery of this vessel, so far 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 or LMC 9.11 or LMC 140 lb., FD, &c.)

Now seen is in a safe working condition, eligible in my opinion to remain as classed & has fresh record of LMC (CB) 10.48.

Survey Fee (per Section 23) £

LIVENCE SUPERVISION £

Special Damage or Repair Fee (if any) £

Travelling expenses (if chargeable) £

Fees applied for

Received by me,

19

Committee's Minute

WED. 1 DEC 1948

Assigned

+ LMC CS 10.48

10.48

10.48

10.48

10.48

10.48

10.48

10.48

CERTIFICATE WRITTEN.

C. A. Orde & W. A. Allen

Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

003458-003455-0274

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

OIL ENGINES CONTINUOUS SURVEY.

SS due 6.47 partly full as 9
CS 7.44, now complete.

It is submitted that this
form is eligible for THE

RECORD, + LMC-CS 10.48.
10.48.

C. L. for: E.H.
J. M. W. 10/11/68
10/11

M.V. BRITISH DRAGON: (Contd)

Now Done:- Independant bilge pump, jacket cooling water pump, &
lubricating oil pump opened out examined & found in
placed in good order.

Diesel oil & boiler oil fuel settling tanks examined internally
& externally with manways & found in good order. Section
valve check control gear tested & found in efficient working
order.

Starboard donkey boiler centre furnace mouth caulked &
made tight, examined under steam & found tight.

Buttsworth system for tank cleaning now installed in accordance
with the Rules.

J. A. Orde

SURVEYOR TO LLOYD'S REGISTER.
NEWCASTLE-ON-TYNE.



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