

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office

26 SEP 1939

Date of writing Report

When handed in at Local Office

19/9/39 Port of

Date, First Survey 17 Aug. Last Survey 15 Sept. 1939

(No. of Visits

7)

No. in Survey held at NORTH SHIELDS

22977 on the Machinery of the Wood, Iron or Steel TANKER S/S DAGHESTAN

Tonnage { Gross 5742.
Net 3532.

Vessel built at SUNDERLAND.

By whom SHORT BROS. LD.

When 1921. 12.

Nominal Horse Power 573.

Engines made at SUNDERLAND.

By whom J. BICKINSON & SONS LD.

When 1921.

No. of Main Boilers 3.38.

Boilers, when made (Main) 1921.

(Donkey)

No. of Donkey Boilers

Owners HINDUSTAN STEAM SHIPPING CO. LD.

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

Port NEWCASTLE.

Voyage

Steam Pressure in Main Boilers 160 LBS.

Managers COMMON BROS. LD.

If Surveyed Afloat or in Dry Dock SMITHS. O.D.

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
since last
survey
expired.Machinery and Boiler
Surveys
(including date of N.B., if any).

✠ 10001. 3.38.

✠ LMC 4.34.

SHUTTER DR WITH FREEBOARD.

BS. 9.37.

G.S. SH. N°3 — 12.34.

TS. CL. 3.38.

CARRYING PETROLEUM IN CYLINDRICAL TANKS.

FITTER FOR OIL FUEL 12.21.

F.P. 150°F.

Last Report No. Port

Particulars of Examination and Repairs (if any) DOCKING. MS. COMP. & BS.

(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.

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 thorough examination at this time? YES.

" " Donkey " " "

If this was not done, state for what reasons?

And what parts of the Boilers could not be thus thoroughly examined?

Also 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 6.9.39.

Present condition of funnel(s) Good.

Did the Surveyor examine the Safety Valves of the Main Boiler? NO.

To what pressure were they afterwards adjusted under steam? 160 LBS.

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted under steam?

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? NO.

, 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? NO.

, and of the Donkey Boilers?

Has screw shaft now been drawn and examined? NO. Is it fitted with continuous liner?

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

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 appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

State date of examination of Screw Shaft

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft 5/32.

Is electric light and/or power fitted?

YES.

YES.

YES.

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

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?

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done COMPLETE. SEE ALSO NEWCASTLE RPT NO 97809.

Docking: Propeller, outer end of stern bush, and outside fastenings of sea connections examined and found in good condition.

MS. COMPLETION: Electrical installation examined, electrical report attached hereto.

BS: This vessel has been laid up since 3.39 when all boilers were examined. Owners Supt requested internal examination at this time, with the view of deferring BS date.

NON DONE: 3 main boilers examined internally and found in good condition; afterwards examined under steam and their safety valves adjusted to working pressure as stated above. Oil fuel installation examined under working conditions. Fuel tank valves, deck control gear tried & found satisfactory, oil discharge pipes & joints found tight & sound.

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, B.S. 9.11, B.&N.S. 9.11, ✠ L.M.C. 9.11, or ✠ L.M.C. 140 lb., E.D., &c.)

is eligible in my opinion to remain as classed with fresh record of survey ✠ L.M.C. MS. 3.38 as previously recommended, and BS 9.39.

Survey Fee (per Section 29) ELECT. FEE

£ 1 : 0 : 0

Fees applied for

GEN. EXAM. OF BLS.

2 0 0.

25 SEP 1939

Special Damage or Repair Fee (if any) (per Section 29.)

Received by me,

Travelling expenses (if chargeable)

£

19

Committee's Minute

Assigned

FRI. 13 OCT 1939

+ L.M.C. MS. 3.38
BS. 9.39

J. E. Munro.

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register
Foundation

W447-0028

Report of Survey for Repairs, &c., of Engines and Boilers.

Particulars of Examination and Repairs (if any) made to the Engines and Boilers of the S.S. DAGHESTAN.

The following is a list of the engines and boilers examined and repaired, and the nature of the repairs made:

No.	Engine or Boiler	Particulars of Examination and Repairs
1	Engine No. 1	Examination of the engine and repairs made to the cylinder and piston.
2	Engine No. 2	Examination of the engine and repairs made to the cylinder and piston.
3	Boiler No. 1	Examination of the boiler and repairs made to the rivets and plates.
4	Boiler No. 2	Examination of the boiler and repairs made to the rivets and plates.

The following is a list of the engines and boilers examined and repaired, and the nature of the repairs made:

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S.S. DAGHESTAN.

Electrical Installation

The electrical installation was examined and tested and after minor repairs and modifications was found satisfactory.

The following main cables have been renewed:-

Main switchboard & refrigerating machinery motor.

Main cables between switchboard and main motor.

Field windings of generator re-insulated.

W. H. Bowen

Fee £1-0-0 See Rpt. 9.

RETAIN