

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

(Received at London Office 12 NOV 1947)Date of writing Report 7th. Nov. 1947When handed in at Local Office 19Port of LISBONNo. in
Reg. Book.Survey held at LISBONDate First Survey 1st. Nov. Last Survey 3rd. Nov. 1947(No. of Visits TWO)13421 on the Machinery of the ~~Wooden~~ or Steel T.S.M.V. "SHELL 15" Tanker Barge.Tonnage { Gross 316
Net 120Vessel built at HaarlemBy whom Haarlemsche Schb. Mij. When 1924Engines made at AmsterdamBy whom D. Goedkoop, Jr. When NE 1937Nomical
Horse Power { -Boilers, when made (Main) NE 37

(Donkey)

No. of Main Boilers -Owners Companhia "Shell"

Owners' Address

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

No. of Donkey Boilers -

Managers

Port Lisbon.

Voyage

Steam Pressure—

If Surveyed Afloat or in Dry Dock Afloat CUF.

(State name of Dock.)

Particulars of Classification (which must be inserted
precisely as in Register Book & Supplements)Last Report, No. -Port -

Particulars of Examination and Repairs (if any) Proposed classification.

Periodical Surveys, when held, must be reported in detail and serialim 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?

" " 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

Present condition of funnel(s)

Did the Surveyor examine the Safety Valves of the Main Boiler?

To what pressure were they afterwards adjusted under steam?

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?

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? 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

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

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?

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done To be completed in accordance with requirements.

Now done for Proposed Classification.

Port & Starboard Main Engines

All cylinders, pistons, valves, connecting rods, with their top and bottom end brasses, gudgeons; crank, thrust, intermediate and tail shafts (as noted on Report 8 No. 4411) clutches and reversing gears, propellers, stern bushes, sea connections and fastenings all examined.

Air receivers (5) and fuel storage tanks examined, externally so far as possible, and valves, cocks and strainers of pumping arrangements.

Minimum repairs and alterations required for classification (Not Done)

Port M.E. Ford Cylinder to renew and all water jacket spaces of other three cylinders to be hydros-

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, B.S. 9/11, B.&M.S. 9/11, L.M.C. 9/11, or LMC 140 lb., F.D., &c.)

CS 3,34,

FOR THE INFORMATION OF THE COMMITTEE.

Fee (per Section 29) Fee not yet charged.

Fees applied for,

19

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

Received by me,

19

Travelling Expenses (if chargeable)

Committee's Minute

Signed

See minute dated 11.11.47
on his 4411

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register
Foundation

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

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

tatically tested. (Evidence of black oxide softening of castings).

All cylinder covers to be renewed incorporating relief valves

Auxiliary Engine to be opened for examination and cylinder to be tested as above and cover renewed as above.

All five air receivers to be examined internally or have hydrostatic test and be fitted with relief valves or fusible plugs. Drawing of riveted starting air receivers to be supplied for approval.

Pumping arrangements to have amendments made as indicated on approved plans, including oil fuel tanks and bunkers to have air, overflow and sounding pipes and control of suction valves as per Rules.

Independent Aux. Bilge Pump to be supplied & fitted.

JH



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