

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

(Received at London Office JUL 29 1940)

Date of writing Report 26th July 1940 When handed in at Local Office 27th July 1940 Port of Cardiff

No. in Reg. Book 86420 Survey held at Cardiff Date, First Survey 21st June Last Survey 26th July 1940
(No. of Visits 12)

on the Machinery of the Wood, Iron or Steel S.S. Woensdrecht (or Eng's)

Tonnage Gross 4668 Vessel built at Rotterdam By whom Maats IJeuoord. Year. Month. 1926-3.
Net 2627 Engines made at - do - By whom - do - When 1926

Nominal Horse Power 438 Boilers, when made (Main) (Donkey 2-1926 - 1-1927.)

No. of Main Boilers ✓ Owners N.V. Maats Motorschip. Woensdrecht Owners' Address (if not already recorded in Appendix to Register Book.)
No. of Donkey Boilers 3 Managers N.V. Phs. Van Ommen's Scheeps Bedrijf Port Rotterdam Voyage

Steam Pressure in Main Boilers ✓ Not Surveyed Afloat or in Dry Dock Dileus Dock. (State name of Dock.)

in Donkey Boilers 142 lbs

Last Report No. 12855 Port Tri. DBS Repairs
Particulars of Examination and Repairs (if any) Part. Mod Survey

(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.)

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 " " yes.

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 25-6-40

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? yes To what pressure were they afterwards adjusted under steam? 142 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 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 ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

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 complete the Survey:- The

following remains to be done:- Air receivers & pipes, Separate fuel storage tanks and fittings. Accessories except Steam driven compressor & General service pump.

Now done:- Examined all main engine cylinders, pistons, liners & covers, Nos 3 & 7 main bearings & journals, Nos 2 & 5 Bottom ends & pins, Nos 2 & 5 Top ends & pins, Thrust shaft & spade, Intermediate shaft bearing. General service pump. Main Engine compressor cylinders & pistons & bearings.

It is stated that the Modified Survey will be completed at the next periodical dry docking.
Repairs:- All main engine cylinders & liners bored out. Pistons fitted with hoods as per enclosed sketch. New Cylinder diam 709 mm. It is stated new liners will be ordered & fitted at a convenient opportunity.

The Machinery tried under full working conditions with satisfactory results P.T.O.

General Observations, Opinion, and Recommendation:- The Machinery of this vessel is

(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 L.M.C. 140 lb., F.D., &c.)

eligible in our opinion to remain as classed and to have record of + LMC(M) 7-40
when the Survey is completed, and D.B.S. 7-40.

Survey Fee (per Section 29) L.M.C. (M) £ 6 : 10 : 0
D.B.S. 3 : 0 : 0
Special Repair Fee (if any) £ 4 : 4 : 0
(per Section 29.)
Travelling expenses (if chargeable) £ :

Fees applied for 27.7.1940
Received by me, 19

Haruish W. G. Paton & B. Moffatt.
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned

TUE 13 AUG 1940

Deferred for Comp. LMC (M)

4

DBS 7.40.



Lloyd's Register
Foundation

W137-0150

S. S. Woensdrecht
oil Eng.

Examined donkey boilers externally & internally with their safety Valves
doors & mountings.

Safety Valves adjusted under steam to 142 lbs/0"

Three new tubes fitted to waste heat boiler.

The Dutch Government record book endorsed.

Oil fuel installation tested under working conditions, fuel tank valves
in good working order. Oil discharge pipes in good order and usable.

Allegaton



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