

# 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 & Steel S.S. Woensdrecht  
(oil Eng.)

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 Ommereuis Scheeps Bedrijf Port Rotterdam Voyage

Steam Pressure in Main Boilers ✓ Not Surveyed Afloat or in Dry Dock Dileus Dock. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
in Donkey Boilers 142 lbs (State name of Dock.)

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 Present condition of funnel(s) good.

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? ✓

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 ✓  
Is electric light and/or power fitted ✓

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 To complete the Survey:- The following remains to be done:- Air receivers & pipes, Separate fuel storage tanks and fittings. Auxiliaries 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.

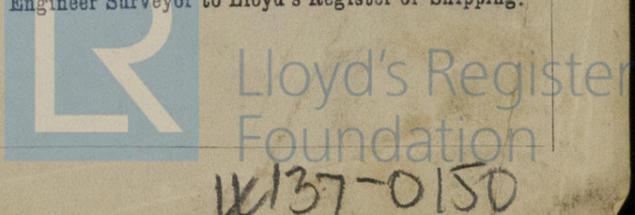
General Observations, Opinion, and Recommendation: The Machinery of this vessel is eligible in our opinion to remain as classed and to have record of +LMC(M) 7-40 when the Survey is completed, and D.B.S. 7-40.

Survey Fee (per Section 29) LMC(M) £ 6 : 10 : 0 Fees applied for DBS. 27. 7. 1940  
Special Repair Fee (if any) £ 4 : 4 : 0 Received by me, Hannah W. Paton & Co. Moffatt.  
Travelling expenses (if chargeable) £ : Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE 13 AUG 1940  
Assigned 4 Referred for Comp. LMC(M)  
DBS 7.40.

10m.11.38.-Transfer Ink. (MADE AND PRINTED IN ENGLAND) The Surveyors are requested not to write on or below the space for Committee's Minute.

Insert Character of Ship and Machinery precisely as in the Register Book. Is a Certificate required? If so, to be sent to.



W137-0150

S.S. Woensdrecht  
oil sup.

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 visible.

Allegston



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Foundation