

No. 62643

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

(Received at London Office)

JUL 31 1940

Report of Survey for Repairs, &c., of Engines and Boilers.  
Date of Survey 20 July 1940 When handed in at Local Office 29 July 1940 Port of Glasgow  
Survey held at Glasgow Date, First Survey July 18 Last Survey 20 July 1940  
(No. of Visits 3)  
on the Machinery of the ~~Wood, Iron or Steel~~ Twin Steamer M.V. Apollonia

Gross 2086 Vessel built at Rotterdam By whom N. V. W. F. & Ryker, & Co When 1931 7  
Net 1031 Engines made at Amsterdam By whom Werkspoor N. V. When 1931  
Final Power 286 Boilers, when made (Main) (Donkey) 1931  
Main Boilers Owners Nederl. Indische Tankstoomboot Owners' Address  
Donkey Boilers One Managers Port The Hague Voyage  
Main Boilers If Surveyed Afloat or in Dry Dock Both Elderslie N° 2 D D Particulars of Classification (which must be inserted  
Donkey Boilers 150 lb. (State name of Dock.) v King George V Dock precisely as in Register Book & Supplements).

Particulars of Examination and Repairs (if any) D.K. & D.B. S.  
Medical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature 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 the details being detailed in the body of the report, should be briefly summarised at the end of the report. State also the names and initials of any letters respecting this case.  
In 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.  
Is 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?

CHARACTER.	Year assigned for Special Survey	Machinery and Boiler Surveys (including date of N.B., if any).
100A1	Examined 2, 40	AMC CS 2, 40
S.S. MFL N° 1-35		DBS 2, 40
		T.S. CL 1, 38

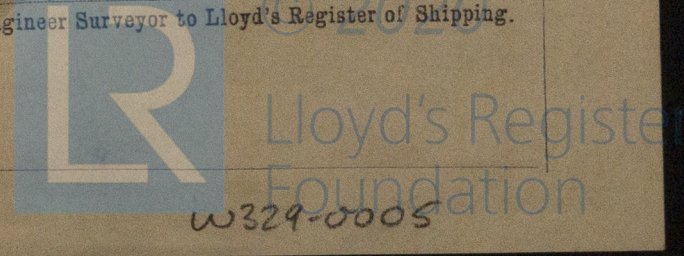
What parts of the Boilers could not be thus thoroughly examined?  
What special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler?  
What was the latest date of internal examination of each boiler? Donkey Boilers 18/7/40  
To what pressure were they afterwards adjusted under steam? Good  
Did the Surveyor examine the Safety Valves of the Main Boiler? Yes  
To what pressure were they afterwards adjusted under steam? 150 lbs/sq. inch  
Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes  
And of the Donkey Boilers? Yes  
Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes  
And of the Donkey Boilers? Yes  
Did the Surveyor examine the drain plugs of the Main Boilers? Yes  
And of the Donkey Boilers? Yes  
Did the Surveyor examine all the mountings of the Main Boilers? Yes  
Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?  
Screw shaft now been drawn and examined? No Is it fitted with continuous liner? Yes  
Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? P 3/32 S 3/32  
Screw shaft now been changed? If so, state reasons  
Has it a continuous liner? Yes  
Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? P 3/32 S 3/32  
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? Yes  
Engine parts, when referred to by numbers, should be counted from forward.  
Did the Surveyor examine the generators, motors, switchgear, cables and fuses?  
Is the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?  
Is the Survey not complete, state what arrangements have been made for its completion and what remains to be done. Complete

Now Done  
Vessel in dry dock, propellers, after end of stern tubes and outside fastenings of underwater sea connections examined and found in good order.  
D.B.S.:- Donkey boilers examined internally and externally together with safety valves, mountings and doors and found in good order. Oil fuel installation examined under working conditions, fuel pipes found free from leakage & in good order. Extended spindles to oil unit and for extinguisher tested and found in good working condition. Safety valves adjusted under steam to above pressure. Boiler examination also on behalf of Stoomwezen (Dutch Authorities).  
General Observations, Opinion, and Recommendation:- The machinery of this vessel (State clearly what alteration, if any, is suggested to be made in the existing classification 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 any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.)  
I.M.C. 150 lb., E.D., &c.)  
CS 3, 34,  
so far as now seen is in efficient condition and eligible in our opinion to remain as classed and to have a fresh record of D.B.S. 7, 40

Survey Fee (per Section 29) D.B.S. £ 2 : - : - Fees applied for 30 JUL 1940  
Special Damage or Repair Fee (if any) £ : : Received by me,  
(per Section 29.)  
Travelling expenses (if chargeable) £ : : 19

Committee's Minute GLASGOW 30 JUL 1940  
Assigned As new DBS 7.40

N. Russell G. H. Macdonell  
Engineer Surveyor to Lloyd's Register of Shipping.



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



Noted.  
L.F.  
8/8/40.

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