

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

No. 54004

(Received at London Office 11 SEP 1941)

Date of writing Report 8<sup>th</sup> Sept. 1941 When handed in at Local Office 10. 9. 1941 Port of CARDIFF  
 No. in Reg. Book Survey held at Cardiff Date. First Survey 25<sup>th</sup> Aug. Last Survey 4<sup>th</sup> Sep. 1941  
80186 on the Machinery of the Wood Iron or Steel St. "NEWBURY" (No. of Visits 6)  
 Tonnage { Gross 5102 Vessel built at Pac Jenson By whom R. Dwyer, Esq. Year. Month. 1927-1  
 Net 3196 Engines made at Jenior By whom Randall & Blewett & Co. (Donkey) When 1927  
 Nominal Horse Power 503 Boilers, when made (Main) 1927  
 No. of Main Boilers 3 Owners Alexander Shipping & Co. Ltd. Managers' Address Coffin Alexander Esq. Port London Voyage Cardiff  
 No. of Donkey Boilers 1 Managers Coffin Alexander Esq. (if not already recorded in Appendix to Register Book.)  
 Steam Pressure in Main Boilers 180 lb Surveyed Afloat or in Dry Dock Both D.O. Queen  
 in Donkey Boilers ✓ (State name of Dock.)

Last Report No. Port  
 Particulars of Examination and Repairs (if any) DD. TS. Comp. B.S.

(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 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? No

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? —

If this was not done, state for what reasons As under

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. —

Did the Surveyor examine the Safety Valves of the Main Boiler? — Present condition of funnel(s) Good

Did the Surveyor examine the Safety Valves of Donkey Boiler? — To what pressure were they afterwards adjusted under steam? 180 lb

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? Yes 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? —

Has shaft now been changed? No 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 27/8/41 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft Revised

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 Complete

Was done :- Vessel drydocked, perfect, screw shaft, stern bush, and outside fastenings of sea connections examined

Completion of R.S. :- Safety valves of main boilers adjusted under steam as above

Alteration :- A new 10 K.W. steam driven dynamo fitted for de-gaussing purposes. New steam pipe & connection for dynamo tested 360 lbs high pressure with satisfactory result. Dynamo No. 1/94747/251 - 1941 by W.A. Allen, Esq. & Co. Dynamo and installation tested by Admiralty officials.

Repairs :- Condenser parts reworked & tested. Repairs as per license No. CI/369

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 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.)

as now seen, is in good order and reliable in my opinion to remain as classed, with fresh record of tail shaft seen Ch 8-41 and B.S. 10-40. Steam pipes to be examined and tested at a favourable opportunity

Survey Fee (per Section 29) £ : : Fees applied for

Special Damage or Repair Fee (if any) (per Section 29.) £ : : 19

Travelling expenses (if chargeable) £ : : Received by me, 19

Committee's Minute As now subject

Assigned B.S. 10-40

Survey Fee (per Section 29) £ : : Fees applied for

Special Damage or Repair Fee (if any) (per Section 29.) £ : : 19

Travelling expenses (if chargeable) £ : : Received by me, 19

Committee's Minute As now subject

Assigned B.S. 10-40

Survey Fee (per Section 29) £ : : Fees applied for

Special Damage or Repair Fee (if any) (per Section 29.) £ : : 19

Travelling expenses (if chargeable) £ : : Received by me, 19

Committee's Minute As now subject

Assigned B.S. 10-40

Survey Fee (per Section 29) £ : : Fees applied for

Special Damage or Repair Fee (if any) (per Section 29.) £ : : 19

Travelling expenses (if chargeable) £ : : Received by me, 19

Committee's Minute As now subject

Assigned B.S. 10-40

CHARACTER	Years assigned	Machinery and Boiler Surveys (including date of N.B. if any)
✓ for Special Survey		
Date of last Survey and of Periodical Surveys.		
80 100 01		80 2me 8-39
10-40		CL 8-39
2026 No 3-8-39		



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