

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

Date of writing Report 17<sup>th</sup> Dec 1941 to 41 When handed in at Local Office 22 DEC 1941 (Received at London Office 31 DEC 1941)  
No. in Reg. Book. 23289 Survey held at Liverpool Port of LIVERPOOL

Date. First Survey Empire Spring Last Survey 17<sup>th</sup> Dec 1941  
(No. of Visits) 1  
Gross Tonnage 2946 Net 4147 Vessel built at Port Glasgow By whom Lubbers  
Engines made at Greenock By whom J.S. Kincaid & Co (Donkey) 1941  
Nominal Horse Power 490 Boilers, when made (Main) 1941  
No. of Main Boilers 1 Owners Ministry of War Transport Owners' Address Greenock  
No. of Donkey Boilers 208 Managers Donaldson Ben & Black Ltd (if not already recorded in Appendix to Register Book.)  
Team Pressure in Main Boilers 150 lb If Surveyed Afloat or in Dry Dock Dry Dock Port Greenock Voyage ✓  
in Donkey Boilers 150 lb (State name of Dock.) Her Culanecum Dry Dock

Previous Report No. ✓ Port ✓  
Particulars of Examination and Repairs (if any) DKG

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.

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.

Has 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? ✓

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

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 is the 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  
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? 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 the 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 the 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. Close

Engine parts, when referred to by numbers, should be counted from forward. ✓  
Is electric light and/or power fitted? ✓

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? ✓

Is the Survey not complete, state what arrangements have been made for its completion and what remains to be done. Complete

Examined the propeller and fastenings of sea connections.

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, R.M.S. 9,11, L.M.C. 9,11, or L.M.C. 140 lb., F.D., &c.)  
CS 3,34

The machinery of this vessel is in safe condition and eligible in my opinion to remain as classed without fresh record of survey.

CHARACTER. * for Special Survey Date of last Survey and of Periodical Surveys.	Years allowed now expired.	Machinery and Boiler Surveys (Including date of N.B., if any).
+100 A1 with preboard 6-41.		+L.M.C. 6-41 T.S. Cl.

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 LIVERPOOL 30 DEC 1941

R. Alcock  
1941  
Engineer Surveyor to Lloyd's Register of Shipping.



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

