

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

Date of writing Report 16<sup>th</sup> OCTOBER 1939. When handed in at Local Office 18 OCT 1939 (Received at London Office 25 OCT 1939)  
 No. in Survey held at 1 Fleetwood Port of LIVERPOOL  
 Date, First Survey 29<sup>th</sup> SEPT. Last Survey 14<sup>th</sup> OCT. 1939.  
 on the Machinery of the Wood, Iron or Steel S.S. "DONNA ROOK" (No. of Visits 5)

Gross Tonnage 307 Vessel built at Selly By whom Cochrane + Sons, Ltd. Year 1910 Month 1  
 Net Tonnage 150 Engines made at Hull By whom C. D. Holmes + Co Ltd When 1911  
 Nominal Horse Power 89.2 Boilers, when made (Main) 1916 (Donkey) ✓  
 of Main Boilers 15B Owners Anchor Steam Towing Co. Ltd. Owners' Address ✓  
 of Donkey Boilers ✓ Managers Sir G. E. J. Moody Port Fleetwood Voyage Towing  
 Steam Pressure 180 lb. If Surveyed Afloat or in Dry Dock Slipway  
 in Donkey Boilers ✓ (State name of Dock.)

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. For Special Survey Date of last Survey and of Periodical Surveys.	Years assumed now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>T 100 #1</u>		<u>11 MC 7, 37</u>
<u>11 MC #2</u>		<u>B.S. 10, 38</u>
<u>S.S. #2</u>		<u>C.S. 2, 36</u>
<u>S.S. #2</u>		<u>37</u>

Particulars of Examination and Repairs (if any) T.S. + B.S.

Periodical Surveys, when held, must be reported in detail and serially 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 details 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.

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? yes.

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

Where this was not done, state for what reasons? ✓

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? ✓

State latest date of internal examination of each boiler 29<sup>th</sup> SEPT. 1939. Present condition of funnel good.

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

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? yes. 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? yes. 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 the 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 3<sup>rd</sup> OCT. 1939. State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft good fit.

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? ✓

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

Work done: Vessel placed on slipway, Propeller, screw shaft, stern bush and outside fastenings examined.

Boiler examined internally and externally with mountings, safety valves, man hole doors and fastenings.

Stem bush furnace found to be distorted gauged and from previous records there has been no further distortion. In my opinion this furnace in its present condition is efficient. The safety valves were adjusted under steam to the pressure stated above.

Repairs: wear & tear. All plain and one stay tube renewed. One screw stay renewed. Minor repairs to mountings, stem bush renewed. New S.I. propeller fitted.

General Observations, Opinion, and Recommendation:— The machinery of this vessel so far as now seen is in good and safe working condition and eligible in my opinion to remain as now classed with fresh record B.S. 10, 39 and notation T.S. 10, 39.

(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.)

Survey Fee (per Section 29) B.S. £ 2 : 0 : 0 Fees applied for 19

Special Damage or Repair Fee (if any) (per Section 29.) £ 2 : 2 : 0 Received by me, R. B. Grier

Travelling expenses (if chargeable) £ : : 24 OCT 1939 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute LIVERPOOL 24 OCT 1939

Assigned B.S. 10.39. T.S. 10.39.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

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



Handwritten text at the top of the page, possibly a title or header, including the word "Lloyd's" and other illegible characters.

Table with multiple columns and rows of handwritten entries, including numbers and names. Some entries are circled or underlined. The text is difficult to decipher due to cursive handwriting.

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Noted.  
27/10/39

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