

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

(Received at London Office 23 DEC 1941)

Date of writing Report 20th December 1941 When handed in at Local Office 20th December 1941 Port of Grimsey
 in Book 16 Survey held at Inningham Date, First Survey 11th December 1941 Last Survey 16th December 1941
 on the Machinery of the Wood, Iron or Steel of "BENMACDHUI" (No. of Volls 2)

Gross 6869 Net 5068 Vessel built at Port Glasgow By whom Russell & Co. When 1911 8
 Engines made at Glasgow By whom J. Rowan & Co. When 1911
 Main Boilers 2 Boilers, when made (Main) 1911 (Donkey)
 Owners Ben Line Steamers, Ltd Owners' Address (if not already recorded in Appendix to Register Book.)
 Managers W. Thomson & Co. Port Leith Voyage
 If Surveyed Afloat or in Dry Dock Inningham Sh. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements.)

Previous Report No. 110,087 Port Lore
 Particulars of Examination and Repairs (if any) Repairs

CHARACTER. Is for Special Survey Date of last Survey and of Periodical Surveys.	Year assigned now or last surveyed.	Machinery and Boiler Surveys (including date of N.E., if any).
<u>F 100 A1</u>		<u>L.M.C.</u>
<u>Shell & dk. with fuelboard</u>		<u>MS-3-39</u>
<u>4-H1</u>		<u>BS-10-40</u>
		<u>12.41</u>
<u>S.S. 2nd 2nd 9-3-35</u>		<u>TS-4-38 cl</u>
<u>S.S. 2nd 9-1-39</u>		

Medical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent 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 summarized at the end of the report. State also the names 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
 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 "
 Was not done, state for what reasons? Boilers examined recently at London.
 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?
 Latest date of internal examination of each boiler? PORT Present condition of funnel(s) Good
 Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 200 lbs.
 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? 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?
 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.
 Engine parts, when referred to by numbers, should be counted from forward.
 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.

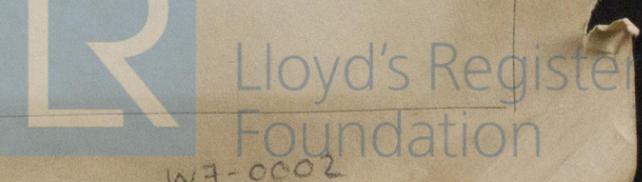
At Owners request examined port boiler internally after removal of plain tubes. All plain tubes now renewed. One safety valve & seat renewed as it was reported leaking the faces having been damaged. Boiler afterwards examined under steam & its safety valves adjusted as above.

General Observations, Opinion, and Recommendation:— The machinery of this vessel, so far as seen, is in safe working condition and eligible in my opinion to remain as classed without such record of survey.

Survey Fee (per Section 29) £ : : Fees applied for
 Special Damage or Repair Fee (if any) £ : :
 Travelling expenses (if chargeable) £ : :
 Received by me, £ : :
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Committee's Minute FR. 9 JAN 1942
 Assigned KK now

Qualter
 Engineer Surveyor to Lloyd's Register of Shipping.



W7-0002

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

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

Lowes notes

renewed

(now a casualty)

RA

6/1/42

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