

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

(Received at London Office)

9 APR 1931

Date of writing Report 7/4/31 When handed in at Local Office 7/4/31 Port of LIVERPOOL
 No. in Reg. Book 76212 Survey held at Pool (Donkey) Birkenhead Date, First Survey 1st Apr. Last Survey 4/4/1931
 on the Machinery of the Wood, Iron or Steel to "LA CRESCENTA" (No. of visits 2)
 Tonnage { Gross 5880 Vessel built at Haveron Hill by whom Furness & Co. Ltd. When 1923-6m
 Net 3531 Engines made at Middlesbrough By whom Richardsons, Westborough 1923-6m
 Nominal Horse Power 573 Boilers, when made (Main) 1923 (Donkey) ✓
 No. of Main Boilers 353 Owners Gracient Navigation Co. Ltd. Owners' Address ✓
 No. of Donkey Boilers ✓ Managers Harris & Dixon Ltd. Port London Voyage ✓
 Steam Pressure in Main Boilers 180 If Surveyed Afloat or in Dry Dock Afloat
 in Donkey Boilers ✓ (State name of Dock.) Cloven. D.D. B'head.

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 assigned expired.	Machinery and Boiler Surveys (including date of N.R., if any)
<u>10001 9-20</u>		<u>10009-27</u>
<u>5-11-27</u>		<u>859-20</u>
<u>Carrying Petroleum in Bulk.</u>		<u>756 9-30</u>
<u>Fitted for oil fuel 7-23 7-17 above 150°F.</u>		

Last Report No. ✓ Port ✓
 Particulars of Examination and Repairs (if any) OK + S.L.R.

(Periodical Surveys, when held, must be reported in detail and verbatim 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 date 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

Do. " Donkey " " " ✓

If this was not done, state for what reasons? not done.

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? ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? ✓ 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 Boiler? ✓

Did the Surveyor examine all the mountings of the Main Boilers? ✓ , and of the Donkey Boiler? ✓

Has 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 shaft now been changed? ✓ If so, state reasons ✓

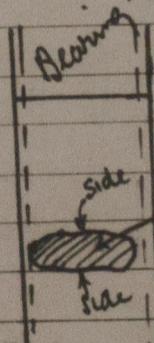
Has the shaft now fitted been previously used? ✓ Has it a continuous liner? ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft 3/32.

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

Examined propeller and fastenings of sea connections.

Examined HP bed plate. Electro welding sound. Somewhat open at side of weld: Good.



This surface is the only part of weld-exposed.

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

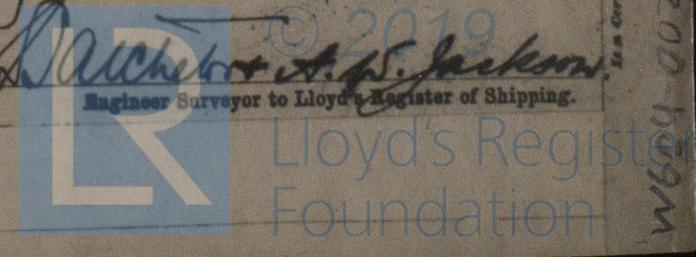
The machinery of this vessel is in safe working condition and suitable in our opinion to remain so classed without fresh need of survey subject to HP bed plate being again examined in 6 months time.

Survey Fee (per Section 29).....	£ : :	Fees applied for
Special Damage or Repair Fee (if any).....	£ : :	19
Travelling expenses (if chargeable).....	£ : :	Received by me,
		19

R. B. Barchard & J. P. Jackson
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned



Form Certificate required: If so, to be sent to

W604-0030