

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

(Received at London Office)

11 APR 1928

Survey Report 4<sup>th</sup> April 1928 When handed in at Local Office 5 April 1928 Port of NEWCASTLE-ON-TYNE

Survey held at South Shields Date, First Survey 21<sup>st</sup> Feb Last Survey 4 April 1928 (No. of Visits 3)

on the Machinery of the ~~Wood, Iron or Steel~~ S.S. LORD BROUGHTON

Vessel built at S. Shields By whom J. Readhead Sons When 1902 - 6

Engines made at -do- By whom -do- When 1902

Boilers, when made (Main) 1902 (Donkey) ✓

Owners Byron S.S. Co Ltd. Owners' Address (If not already recorded in Appendix to Register Book).

Managers M Embiricos Port London Voyage

If Surveyed Afloat or in Dry Dock afloat. Stanhope buoy.

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

CHARACTER.	Date of last Survey and of Periodical Surveys.	Year Assigned how expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+100 A1 Spar deck	4.27		+ LMC
S.S. SHI 1003	7.15		MS. 2.24
S.S. CAF 1002	2.25		BS. 1.27
			CL 4.27

Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on damage (the cause of which must be stated) should be separated from Repairs due to other causes; and details in the body of the report, should be briefly summarised at the end of the report. State also the names of any letters respecting this case. See London Rept. 92339.

services for this purpose, and why they were declined? ✓

report made by anyone else? If so, by whom? ✓

personally go inside each Main Boiler separately and make a thorough examination at this time? Star only

done, state for what reasons? Port boiler examined (See London Rept 92339)

of the Boilers could not be thus thoroughly examined? ✓

al means, in the absence of internal examination, were adopted by the assure himself of the thorough efficiency of those parts of each Boiler? ✓

r examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? ✓

r examine the Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓

r examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boiler? ✓

r examine the drain plugs of the Main Boilers? ✓, and of the Donkey Boiler? ✓

r examine all the mountings of the Main Boilers? Yes, and of the Donkey Boiler? ✓

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? ✓

been changed? No If so, state reasons ✓

ow 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? ✓

between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? vessel afloat.

ot complete, state what arrangements have been made for its completion and what remains to be done? To complete the survey

all requirements remain to be carried out except as mentioned below and be effected. The owners representative could give no definite programme

Vessel examined afloat. Crank, thrust and tunnel shafting and mps opened up, examined and repairs recommended.

ard main boiler opened up and examined - Repairs recommended.

commended. The main engine crank shaft to be lifted and lined up. all plus of bearings to remetal. HP and LP bottom ends to remetal. HP crank journals and crank pin slack, to harden up or renew. Thrust shaft up on collar r in way of bearings. and both bearings to remetal PTO

bservations, Opinion, and Recommendation:— The machinery of this

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 vation required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9,11, B.&H.S. 9,11, or L.M.C. 9,11, P.D., &c.)

far as now seen is eligible in my opinion to remain as now

with record of + LMC 3. 28. when the survey is completed.

to be used.

Minute FRI. 20 APR 1928 Deffered

Fees applied for 10 APR 1928

Repair Fee (if any) £ 12.0.0

Received by me, John H. Findlay

11.8.1928 Engineer Surveyor to Lloyd's Register of Shipping.

FRI. 11 MAY 1928

WED. 30 MAY 1928

Lloyd's Register Foundation

Insert Character of ship and Machinery precisely as in the Register Book.

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

Tunnel shafting to line up.

Air pump rod to machine, neck & gland bushes to renew. Bucket to scrape. and one new valve to fit. Circulating pump rod to renew.

Starboard Boiler. Both wing combustion chr back plates to be cropped & lower portions to renew including stays. The back plates in way of several other stays to build up with electric welding. Safety valves to adjust under steam.

To Complete the survey. All auxiliary machinery to be examined. The main engine Cylinders, pistons, valves, Condenser, arrangements of sea ledge connections fastenings to be examined. Main steam pipes to amend and test.

Vessel to be examined in dry dock, propeller, sea fastenings to examine.

The repairs as previously recommended to port boiler (London Rept 92339) to be carried out and safety valves of both boilers to adjust under steam. and the mountings of starboard boiler examined.

The vessel is at present laid up and the owners representative can give no definite information as to the furthering of the survey.

As due 1.28 & 1.29.23 due 2.23  
advanced.  
Completion is stated. Satisfy.

As 2.28 when the main  
boilers have been repaired & their  
chr adjusted & tallies taken  
when the survey has been  
completed offer this  
Report

Subject to the  
Boiler boiler  
not being used  
1/28  
15/4/28

It is to be noted that the copying paper is not so much damaged as to spread the ink, or to cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.

