

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

ing Report 4th April 1928 When handed in at Local Office 5 April 1928 Port of NEWCASTLE-ON-TYNE
Survey held at South Shields Date, First Survey 21st 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. Harhope
(State name of Dock.) buoy.

Port No. Port
Particulars of Examination and Repairs (if any) + LMC
Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
CHARACTER. Year Assigned now expired. Machinery and Boiler Surveys (including date of N.B., if any).
+100 A1 Spar deck 4.27 + LMC
SS SH 103.7.15 MS. 2.24
SS CH 102.25 BS. 1.27
CL 4.27

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
" Donkey " ✓
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? ✓
examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? ✓
examine the Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓
examine all the manholes, doors and their fastenings of the Main Boilers? Yes , and of the Donkey Boiler? ✓
examine the drain plugs of the Main Boilers? ✓ , and of the Donkey Boiler? ✓
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? ✓
e 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
mips 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
lous 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 & 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,
F.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.

on SS) £12.0.0 Fees applied for 10 APR 1928
Repair Fee (if any) £
s SS.)
(if chargeable) £
Received by me, John T Hindlay
11.8.1928
Engineer Surveyor to Lloyd's Register of Shipping.

Minute FRI 20 APR 1928
Deferred
FRI 11 MAY 1928
WED 30 MAY 1928
Lloyd's Register Foundation

At due 1.28 + 1.40 p.m. 2.27

advanced.

Completion are stated. Said.

At 2.28 when the main

boilers have been repaired & their

flues adjusted & tallies

when the survey has been

completed after this

Report

Subject to the

London Boiler

not being used

1.28

1.40

2.27

Tunnel shafting to line up.

Air pump rod to machine, neck & gland bushes to renew. Bucket to
reape. 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 & bilge connections fastenings to be examined. Main steam pipes
to anneal 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.

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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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