

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

No. 72491
WED. JAN. 6 - 1915

Date of writing Report 12 Jan 1914 When handed in at Local Office 2 JAN 1915 Port of LIVERPOOL

Survey held at Fleetwood Date, First Survey 10 Dec Last Survey 29 Dec 1914
on the Machinery of the Wood, Iron or Steel S.S. "Orphesia" Master

Gross 273 Vessel built at Goole By whom Goole S.B. & Rep. Co. Ltd. When 1907-5
Net 106 Engines made at H. Shields By whom Shields Eng. Co. Ltd. When 1907

Registered 79 Boilers, when made (Main) 1907 (Donkey)
Horse Power 1 Owners J. H. Ward & Son. Mgrs Port Fleetwood Voyage Trawling

of Main Boilers 1 If Surveyed Afloat or in Dry Dock 4 on Slip.
of Donkey Boilers 1 (State name of Dock.)

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

CHARACTER. Date of last Survey and of Periodical Surveys. Machinery and Boiler Surveys (including date of N.B., if any).
+100 A.I. +L.M.C.
Stm Trawler 5.11
8.13 B.S. 12.13
SSFT No 1.11 T.S. 8.13

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?

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

Do. " Donkey " " "

his 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?

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

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

the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? yes , and of the Donkey Boiler?

the Surveyor examine the drain plugs of the Main Boilers? none , and of the Donkey Boiler?

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

screw shaft now been drawn and examined? yes Is it fitted with continuous liner? yes or two liners? or is it without liners?

shaft now been changed? no If so, state reasons

the shaft now fitted new? Has it a continuous liner? or two liners? or is it without liners?

the distance between lignum vitae of stern bush and top of after bearing of screw shaft? 6"

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

Examined cylinders, pistons and piston & slide valves, crank, thrust and tail shafts, condenser and pumps, sea connections and discharge valves, propeller, stern bush and outside fastenings; also the main boiler inside and outside with its safety valves and mountings.

The following repairs effected:- H.P. piston rod skimmed in lathe and neck and gland bushes renewed.

M.P. piston rod renewed. New rod marked Lloyd's No 6156. 28.2.14 M.R.

Connecting rod top end brasses, 4 top halves and 2 bottom halves renewed, and all bottom end brasses re-metalled.

2 main bearing top halves re-metalled.

1 back gudgeon of pump levers renewed P.T.O.

General Observations, Opinion, and Recommendation: This vessel's machinery (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.&N.S. 9.11, or L.M.C. 1. 9.11 140 lb., F.D., &c.)

is now in good and safe working condition, and eligible in my opinion to remain as classed, and to have fresh record of survey + L.M.C. 12.14 and tail shaft seen 12.14

Survey Fee (per Section 28) £ 3.10.0 Fees applied for
Special Damage or Repair Fee (if any) £ : :
Travelling Expenses (if chargeable) £ : 7.6 Received by me, R.D. Shilston
LIVERPOOL 5 JAN 1915 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned L.M.C. 12.14

MACHINERY CERTIFICATE WRITTEN 6.1.15

W817-0021 (1/2)

S. S. No 2 due 5.15 now held
repairs effected & new propeller
fitted.

It is submitted that
this vessel is eligible for
THE RECORD. + LMC 12.14.

S 12.14.

J.W.D.
6/1/15.

N.B. - If this Report is copied by Copying Press, special care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

Rpt. 9a.

LIVERPOOL

Port of

Continuation of Report No 2491 dated 29/10/14

on the

S. S. Orpheus

Pump guide rod skimmed and bush renewed.
2 feed pump rams and one bilge pump ram
skimmed and neck and gland bushes renewed.
One feed pump valve and one bilge pump valve
faced up.

A new propeller fitted.

Main steam pipe annealed and tested to
360 lbs per square inch hydraulic pressure.

In the main boiler 11 screwed stays and
a few rivets in combustion chamber renewed.

The boiler examined under steam and
safety valves adjusted under steam to
working pressure.

A new main funnel fitted

R. D. Shilston.

OF THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.