

REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office.)

Date of writing Report 14.8.42 When handed in at Local Office 15.8.42 Port of Winn.
 No. in Reg. Book. 82780 Survey held at Winn. Date. First Survey 12.6.42 Last Survey 6.8.1942
 on the Machinery of the Wood, Iron or Steel SP. PORT POINT. (No. of Visits 16)
 Tonnage { Gross 5293 Vessel built at Lundulana By whom Lundulana L.B. Co. Ltd. When 1919.6
 Net 3274 Engines made at Stockton By whom Blair & Co. Ltd. When 1919.6
 Nominal Horse Power 517 Boilers, when made (Main) 1919. (Donkey) ✓
 No. of Main Boilers 255 Owners Cornwall Trade & Shipping Co. Ltd. Managers' Address Port Newcastle
 No. of Donkey Boilers ✓ Managers John Long & Sons Ltd. (if not already recorded in Appendix to Register Book.)
 Steam Pressure in Main Boilers 180 lbs. Port Newcastle Voyage ✓
 in Donkey Boilers ✓ If Surveyed Afloat or in Dry Dock Thrupp. (State name of Dock.)

Last Report No. Portsmouth General ExaminationParticulars of Examination and Repairs (if any) L.R. 100 M. 1.42

Periodical Surveys, when held, must be reported in detail and seriatim 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 besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

a 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. ✓

as 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? yes.

" " Donkey " " " " ✓

this was not done, state for what reasons ✓

what parts of the Boilers could not be thus thoroughly examined? ✓

to 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 latest date of internal examination of each boiler. L. 28.6.42. C. 8.7.42. P. 30.7.42

the Surveyor examine the Safety Valves of the Main Boiler? not opened. To what pressure were they afterwards adjusted under steam? 180 lbs.

the Surveyor examine the Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted under steam? 180 lbs.

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

the Surveyor examine the drain plugs of the Main Boilers? ✓ and of the Donkey Boilers? ✓

the Surveyor examine all the mountings of the Main Boilers? not opened. and of the Donkey Boilers? ✓

the screw shaft now been drawn and examined? yes. Is it fitted with continuous liner? yes. Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

shaft now been changed? no. If so, state reasons ✓

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 17.6.42 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft. Measured.

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted yes.

did the Surveyor examine the generators, motors, switchgear, cables and fuses? yes.

the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? yes.

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

B. The Community of the vessel has now been transferred

To Messrs John Long & Sons Ltd. Cardiff.

now Dowie. Vessel placed in dry dock. Repeller, tail, etc. etc. etc.

General Examination as complete as practicable made of the main & aux. machinery.

Main condenser opened out, examined & tested

after repair. Squares & electrical installation

generally examined, tested as required by Rules

& found satisfactory.

Main & aux. machinery & electrical installation

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, B.S. 9,11, B.M.S. 9,11, L.M.C. 9,11, or

L.M.C. 140 lb., F.D., &c.)

Signify in my opinion to remain as classified

in the Register Book. Examined 8.42 (12 Mo.) & B.S. 8.42

Completion. Also first survey of 25.6.42.

Examined by... 18.5.42

Fee (per Section 29) £ 4 0 0

Damage or Repair Fee (if any) £ 10 10 0

Other expenses (if chargeable) £

Committee's Minute

Signed

Fee applied for 1942

Received by me, 19

TUE 8 SEP 1942

As noted
Subject

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

W128-0025(1/2)

80712

S.P. START POINT.

Examined under working conditions & found in good working order. Dynamo governor tested & found satisfactory.

P.R. List. Main engine H.P. back column now renewed. L.P. crankshaft specially examined in way of L.P. ahead eccentric sheave (reduced in diameter & keyway E.W.). Shaft found in satisfactory condition. New sheave key recommended & fitted.

It is recommended that this crank be again specially examined at the next General Examination.

B.S. At the request of the representative of original Owners an examination was made of three boilers internally & externally on account of distortion of all furnaces & tube leakage.

Repairs as detailed below have been effected, the port & centre boilers kept. Tested for workman & all boilers subsequently examined under steam.

P.R. List. Centre boiler safety valves adjusted under steam to 180 lbs/psi.

C.B. To complete the Boiler Survey to entitle the vessel to B.S. P. 42 The mountings of all boilers require to be opened & examined & all safety valves adjusted under steam.

REPAIRS Fractured & temporarily repaired H.P. back column renewed.

Main condenser after tube plate, fractured, removed together with all tubes.

Aspirator governor gear fitted to main engine.

Spare L.P. Tip and bars fitted.

L.P. crankshaft opened out for examination together with bottom and bars of running adj. effected. L.P. bottom end re-metalled.

H.P. cylinder opened out for inspection. H.P. go. shoe skinned.

S.P. Cont. Shub.

Rpt. 9a.
Port of

HULL

Continuation of Report No. 51703 dated 6.8.42.

on the

S.P. "START POINT."

H.P. Tip and bars skinned. Pins dressed. New belts fitted to washers flow down back, bridge injection & main injection or inland flanges. Steam lock unworded.

Lead ballast pipe in engine room repaired. Main condenser forward door renewed. Main engine L.P. ahead eccentric sheave key renewed.

Ballast pump overhauled.

Dynamo engine overhauled. Dynamo 11.1 fitted with new piston valve & rod. Dynamo 11.2 adjusted. Steam & block studs dressed & adjusted.

A number of minor repairs effected in addition to the above & a number of running adjustments effected as necessary.

BOILERS.

The furnaces of the port & centre boilers renewed. The 3 furnaces of the S.T.D. boiler packed fair.

The plain & stay tubes of the centre boiler renewed in their entirety together with a number of wasted tubes in the port boiler. New furnaces stamped then.

P.B.

P.F. 19995. 4562. 176. B. C.H.B. 29.6.25
29.6.27.

C.F. 19994. 4562. 176. B. C.H.B. 29.6.25
29.6.27.

S.F. 19996. 4562. 238. B. C.H.B. 27.5.28
27.4.26.

C.B.

P.F. 19937. 4493. 183 B. C.H.B. 29.10.20
28.3.27.

C.F. 19938. 4493. 2280 B. C.H.B. 28.7.28

S.F. 19926. 4493. 1834. B. C.H.B. 29.10.20
28.3.27.

R.H. Lumsden.