Rpt. 9.

No. 32849

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

(Received at London Office APR 23 1940)

Date of writing Report April 20th 1940 When handed in at Local Office 22 APR 1940 19 Port of SUNDERLAND

No. in Reg. Book. 2078 Survey held at Sunderland Date, First Survey April 8th Last Survey April 19th 1940 (No. of Visits 4)

on the Machinery of the ~~Wood, Iron or~~ Steel PULBOROUGH

Tonnage { Gross 960 Net 524

Nominal Horse Power 118

No. of Main Boilers 1

No. of Donkey Boilers 1

Steam Pressure— In Main Boilers 200 lbs

In Donkey Boilers 100 lbs

Vessel built at Burntisland By whom Burntisland S B Co Ld When 1933 9 (Year. Month.)

Engines made at Glasgow By whom D Rowan & Co Ld When 1933

Boilers, when made (Main) 1933 (Donkey) 1933

Owners Stephenson Clarke & Ass Co Ld Owners' Address (if not already recorded in Appendix to Register Book.)

Managers Port London Voyage

If Surveyed Afloat or in Dry Dock (State name of Dock.) Dry Dock (Austins)

Last Report No. Port

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 now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
✠ 100A1 8,39		✠ LMC 8,38
		BS 8,39
SS Sld No 1 — 38		CL 8,38
		Cargo bulkhead not fitted

Insert Character of Ship and Machinery precisely as in the Register Book

Particulars of Examination and Repairs (if any) Docking & BS

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.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he has 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? yes

" " Donkey " " " yes

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

And 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 Main & Donkey Boilers 10/4/40 Present condition of funnel(s) Good

Did the Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 200 lbs/□"

Did the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted under steam? 100 lbs/□"

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

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

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

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? no

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

Was 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 ✓ State the distance between lignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft 1/8 B

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? ✓

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

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

Vessel placed in dry dock, propeller & outside fastenings examined.

On BS :- Main & Donkey boilers examined internally & externally with mountings, doors & fastenings. Minor repairs carried out. Main Boiler, 12 stopper rods (4 in each nest of tubes) removed, examined, found in order & refitted.

Safety valves on both boilers adjusted under steam to above pressures

Note :- High Pressure Piston valve rings renewed, Intermediate Pressure Piston rings renewed. Bilge pump rams skimmed up & new neck & gland bushes fitted. Steering engine overhauled. Dynamo engine overhauled.

General Observations, Opinion, and Recommendation:— The machinery of this vessel as seen is in order & safe working condition & eligible in my opinion to remain as classed with fresh Record of BS 4-40

(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 ✠LMC 140 lb., F.D., &c.) CS 2,24,

Survey Fee (per Section 29) £3 : 0 : 0 Fees applied for 22 APR 1940 19

Additional Damage or Repair Fee (if any) (per Section 29.) £ :

Travelling expenses (if chargeable) £ : : Received by me, 19

Committee's Minute FINAL 8 MAY 1940

Signed BS 4.40

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

J Grieve
Engineer Surveyor to Lloyd's Register of Shipping.

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