Rpt. 9.

No. 111712 Box 491

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

(Received at London Office DEC 14 1938)

Date of writing Report 6th Decr 1938. When handed in at Local Office 7 DEC 1938 Port of LIVERPOOL

No. in Reg. Book. 71213. Survey held at Liverpool. Date, First Survey 30th Nov. Last Survey 2nd Decr 1938 (No. of Visits 2)

on the Machinery of the ~~Wood, Iron or Steel~~ "Briarthorn"

Tonnage { Gross 459 / Net 183.

Nominal Horse Power { 86

No. of Main Boilers 1

No. of Donkey Boilers ✓

Steam Pressure — in Main Boilers 135 lb

in Donkey Boilers ✓

Vessel built at Aberdeen. By whom A Hall & Co Ld. When 1910. 1

Engines made at Aberdeen. By whom A Hall & Co Ld. When 1910.

Boilers, when made (Main) 1910. (Donkey) ✓

Owners Thorn Line Ld Owners' Address ✓ (if not already recorded in Appendix to Register Book.)

Managers W. J. Ireland. Port Liverpool. Voyage ✓

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

Last Report No. 110739 ✓ Port ✓ hir

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).
+ 100 A1.		+ LMC.
4. 38.		M.S. 4. 37.
		B.S. 9. 37.
L.S. Lan 2nd No 3. 5. 37.		T.S. C.C. 4. 38.

Particulars of Examination and Repairs (if any) B.S.

(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.)

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 ✓

s 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? Yes. ✓

" " Donkey " " " ✓

his was not done, state for what reasons? ✓

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

o 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? ✓

te latest date of internal examination of each boiler 30th Nov. Present condition of funnel(s) Good

the Surveyor examine the Safety Valves of the Main Boiler? Yes. To what pressure were they afterwards adjusted under steam? 135 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 Boilers? ✓

the Surveyor examine the drain plugs of the Main Boilers? None , and of the Donkey Boilers? ✓

the Surveyor examine all the mountings of the Main Boilers? Yes. , and of the Donkey Boilers? ✓

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? ✓

shaft now been changed? ✓ 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? ✓

te 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 ✓

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

so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? ✓

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

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

Examined the boiler externally and internally together with its mountings and adjusted its safety valves under steam as stated above.

Repairs. Safety valve seat - Port side - renewed.

Centre furnace crown somewhat distorted but considered efficient.

SEE LIMITATION LIST.

eneral 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 ✠LMC 140 lb., F.D., &c.) CS 3,34.

The machinery of this vessel is in safe working condition and eligible in my opinion to remain as classed with fresh record of B.S. 12. 38 subject to centre furnace being examined before the end of February 1939

Survey Fee (per Section 29) £ 2 : — : —

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

Travelling expenses (if chargeable) £ : :

Fees applied for 8 DEC 1938 19

Received by me, 1. 3 19 39 £7/3.

Committee's Minute LIVERPOOL 13 DEC 1938

Assigned B.S. 12.38 Subject.

R Barnetson.

Engineer Surveyor to Lloyd's Register of Shipping.

W491-0156

Noted

Letter to Centre Furnace being
end before end of 2 39

Thm
16.12.38