

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

(Received at London Office DEC 14 1938)

Date of writing Report 6th Dec 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 Dec 1938 (No. of Visits 2)

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

Tonnage { Gross 459 Vessel built at Aberdeen By whom A Hall & Co. Ltd. When 1910
 Net 183 Engines made at Aberdeen By whom A Hall & Co. Ltd. When 1910
 Nominal Horse Power 86 Boilers, when made (Main) 1910 (Donkey) "
 No. of Main Boilers 1 Owners Thorn Line Ltd Owners' Address "
 No. of Donkey Boilers 1 Managers W. J. Ireland (If not already recorded in Appendix to Register Book.)
 Steam Pressure in Main Boilers 135 lb If Surveyed Afloat or in Dry Dock Afloat Port Liverpool Voyage "
 in Donkey Boilers " (State name of Dock.) Callhouse Dock

Last Report No. 110739 Port hivParticulars of Examination and Repairs (if any) BS

(Periodical Surveys, when held, must be reported in detail and verbatim in the terms of the Rules. State clearly the nature 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 details 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 "

is 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 " " " " " "

this 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 latest date of internal examination of each boiler 30th Nov

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? Yes

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? Yes

, 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? Yes

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? "

shaft now been changed? Yes If so, state reasons "

the shaft now fitted been previously used? Yes Has it a continuous liner? Yes

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? "

the date of examination of Screw Shaft Yes State the distance between lignum vitae 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? Yes

so, 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

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 - Old side - renewed.

Centre furnace crown somewhat distorted but considered efficient.

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

The machinery of this vessel is in safe working condition and stable in my opinion to remain as classed with fresh record of BS. 12.38 subject to Centre furnace being examined before the end of February 1939

Survey Fee (per Section 29) £ 2 :- :- Fees applied for - 8 DEC 1938

Special Damage or Repair Fee (if any) £ : Received by me, 1. 3 19 39 7/3.

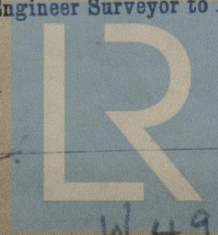
Travelling expenses (if chargeable) £ :

Committee's Minute LIVERPOOL 13 DEC 1938

Assigned BS. 12.38

Subject

Engine Surveyor to Lloyd's Register of Shipping.



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W491 F0156

Noted

Letter to Centre June 1838
and before end of 2 39

Yours

16.12.38



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Report of Survey for Register of Engines and Boilers