

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

(Received at London Office JUN 17 1939)

16 JUN 1939

When handed in at Local Office 19 1939 Port of HULL

Survey held at Hull Date, First Survey 3.6.39 Last Survey 10.6.1939
(No. of Visits 4)

380 on the Machinery of the ~~Wood, Iron or~~ Steel K "ST. ACHILLEUS" Year. Month.

Gross 484 Vessel built at Beverley By whom Lock, Walton, & Gemmill, Ltd. When 1934-12
 Net 189 Engines made at Hull By whom E.D. Holmes & Co., Ltd. When 1934-12
 Displacement 154 Boilers, when made (Main) 1934 (Donkey) ✓
 Main Boilers 1 Owners J. Hamling & Co., Ltd. Owners' Address (if not already recorded in Appendix to Register Book.)
 Donkey Boilers ✓ Managers Port Hull. Voyage Fishing
 Main Boilers 215 lb Surveyed Afloat in Dry Dock LNER Slipway, St. Andrews Dock.
 Donkey Boilers ✓

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

Particulars of Examination and Repairs (if any) S.S. No 1.

Medical Surveys, when held, must be reported in detail and seriatim 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 names 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 ✓

Has a damage report made by anyone else? If so, by whom? ✓

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

Do the same for Donkey Boilers? ✓

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? ✓

Latest date of internal examination of each boiler 6/6/39 Present condition of funnel Efficient

Has the Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 215 lb

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

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

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

Has the Surveyor examine all the mountings of the Main Boilers? yes and of the Donkey Boilers? ✓

Has the crew 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? ✓

Has 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? ✓

Latest date of examination of Screw Shaft ✓ State the distance betweenignum vite or bearing metal of stern bush and top of after bearing of screw shaft 1/8"

Engine parts, when referred to by numbers, should be counted from forward. Is electric light fitted? yes

Has the Surveyor examine the generators, switchgear, cables and fuses? yes

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

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

General Observations, Opinion, and Recommendation:— The machinery of this vessel, (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.&H.S. 9,11, & L.M.C. 9,11, or any other applicable Rules, &c.)

As far as now seen, is in an efficient condition, & eligible, in our opinion, to remain as classed, with fresh record of LMC 6,39

Survey Fee (per Section 29) LMC £ 8:0:0 Fees applied for 16 JUN 1939

Special Damage or Repair Fee (if any) (per Section 29.) £ : : Received by me, W. Sturges & John Douglas Engineer Surveyor to Lloyd's Register of Shipping.

Printing expenses (if chargeable) £ : : TUE 4 JUL 1939

Committee's Minute + LMC 6,39

Assigned CERTIFICATE WRITTEN

CHARACTER. Date of last Survey and of Periodical Surveys.	Years assigned or expired.	Machinery and Boiler Surveys (including date of N.B., if any).
100A1.		LMC 12, 34.
100A2.		15(C) 9, 36
10, 38		

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

W79-0136 1/2

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



K "ST. ACHILLEUS"

steering gear & windlass.

The above found or placed in good order.

Main & auxiliary machinery, steering gear and windlass examined under working conditions & found in good order.

B.S. Boiler examined in its entirety together with Safety Valves & mountings, all found or placed in good order.

Boiler examined under steam and Safety Valves adjusted to the above stated pressure.

Repairs:- 24 rivets renewed in port back landing starboard combustion chamber.

10 stays renewed (removed for access)

3 lower rows of plain tubes renewed in each combustion chamber, also a number of stay tubes renewed.

3 Boiler stop valve lids renewed.

Previously examined:-

Main steam & superheat pipes previously examined, please see Hull Report No 49010.

Repairs effected:-

HP, MP, & LP valve spindle skimmed up, neck & gland bushes renewed.

Feed & Bilge pump rams skimmed up, neck & gland bushes renewed.

M.P. Bottom end re-metalled.

R. M. Stonehouse

W79-0136 2/2
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