

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

main Boiler steam
trinner repairs effected.
two donkey boilers fitted

It is submitted that
this vessel is eligible for
THE RECORD, B.S. 8.07
N.A.B. 07
100 lbs
H.C. 2.9.07

LR-FAF-SA-20-17

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.

Date of writing

No. in Reg. Book. 34

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

THUR. 29 AUG 1907

(Received at London Office)

Date of writing Report 26 Aug 1907 When handed in at Local Office 26 Aug 1907 Port of Newcastle on Tyne
 No. in Reg. Book 34 Survey held at Wattshields Date, First Survey 6. 8. 07 Last Survey 20 Aug 1907
 on the Machinery of the Wood, Iron or Steel W.S. Standard Master W.S. Armstrong Mitchell
 Tonnage { Gross 3708 Vessel built at Newcastle By whom W.S. Armstrong Mitchell When 1893 - 2
 Net 3376 Engines made at Newcastle By whom Wallsend Slip Co Ltd When 1893
 Registered Horse Power 293 Boilers, when made (Main) 1893 (Donkey) 23. 7. 07
 No. of Main Boilers 2 Owners European Petroleum Co Ltd Port Rouen Voyage
 No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Smiths & S
 Steam Pressure in Main Boilers 160 lb (State name of Dock.)
 in Donkey Boilers 100 lb

Last Survey No. _____ Port _____
 Particulars of Examination and Repairs (if any)

CHARACTER of Special Survey, Date of last Survey and of Periodical Surveys.	Year Assigned Applied.	Machinery and Boiler Surveys (including date of N.R., if any).
<u>100A1 Span</u>	<u>R.M.C</u>	
<u>1. 07</u>	<u>5. 06</u>	
<u>Carrying petroleum</u>	<u>NTS 2.07</u>	
<u>in Smiths & S</u>		
<u>3. 5. 06</u>		

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 offered his services for this purpose, and why they were declined? also whether any damage report was made, and, if so, by whom?

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes
 Do. " Donkey " " " " No

If this was not done, state for what reasons? New donkey boiler fitted in place of the old one now removed. Mark on Boilers 7535 - Lloyd's test 200 lb 22.5/25/7/07.

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

Also 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? _____

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 160 lb

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? Blow off at 70 lb

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

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

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

Has screw shaft now been drawn and examined? No Is it fitted with continuous liner? _____ or two liners? _____ or is it without liners? _____

Has shaft now been changed? No If so, state reasons: _____

Is the shaft now fitted new? _____ Has it a continuous liner? _____ or two liners? _____ or is it without liners? _____

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? 3/16 barely Donkey Boilers

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? The Safety Valves blew off at 70 lb. The Superintendent states that the valves were subsequently adjusted to left at 100 lb. It is arranged, with the Superintendent, that on Vessel's return to U.K. the adjusting of the donkey boiler safety valves should be tested - now done Vessel dry docked. Propeller and outside fastenings examined found in good condition.

Main Boilers examined. A number of plain stay tubes renewed or expanded as required. The Superintendent had a small patch fitted in crown of aft port furnace of Starboard boiler, and 3 chain studs renewed in forward port furnace - which appear satisfactory - a few minor repairs effected to the boilers as required - No piston Valve Chamber bored out. New rings fitted. No piston fitted with new rings and Cylinder bored.

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. 0,00, B.&N.S. 0,00, or L.M.C. 0,00, 140 lb., F.D., &c.)
In my opinion the machinery is now so far as seen in good condition and eligible to remain as classed under Record of B.S. 8. 07 New donkey Boiler fitted. 8. 07. Working pressure 100 lb.

Survey Fee (per Section 28) £ 1. 10. 3 Fees applied for 28 AUG 1907
 Special Damage or Repair Fee (if any) (per Section 28.) £ 1. 7. 0
 Travelling Expenses (if chargeable) £ _____ Received by me Ronald H. Shallock
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUES. 3 SEP 1907 FRI. 25 OCT 1907 TU. 4 FEB 1908

Assigned B.S. 8. 07
N.S.B. 07

The Surveyor is requested not to write on or below the space for Committee's Minute.

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