

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

(Received at London Office. THUR. 26 JUL 1900)

Date of writing Report 19 _____ When handed in at Local Office 25 JUL 1900 19 _____ Port of Newcastle
 No. in Reg. Book. Survey held at South Shields Date, First Survey 29th Sep 1899 Last Survey 18.7.1900 (No. of Visits 51)
903 on the Machinery of the Wood, Iron or Steel \$.\$. MONARCH Master
 Tonnage { Gross 1318 Vessel built at Newcastle By whom Wigham Richardson & Co When 1878 YEAR. MONTH. 6
 { Net 813 Engines made at " do " When 1878 Boilers, when made (Main) 1900 (Donkey) 1896
 Registered Horse Power 157 Owners H. Prindew Port Christiania Voyage _____
 No. of Main Boilers _____
 No. of Donkey Boilers 1
 Steam Pressure in Main Boilers 100 If Surveyed Afloat in Dry Dock Smiths & Co Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 in Donkey Boilers 80 (State name of Dock.)

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

(Periodical Surveys, when held, must be reported in detail and serially 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.)

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? New Boiler not fitted
 Do. " Donkey " " " yes
 If this was not done, state for what reasons? _____
 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? 100
 Did the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted under steam? 80
 Has the propeller shaft been drawn and examined at this time? yes If spare propeller shaft fitted, state whether new? ✓
 State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? Revised.

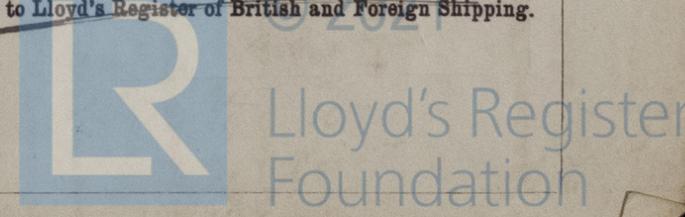
If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Completed.

Examined the donkey boiler and valves and found same in good order
Adjusted main and donkey boiler valves to above pressures.
Examined. Cylinders, pistons, valves, pumps, condenser.
Bed-plate, Crank shaft, Thrust, Tunnel shafting
tail end shaft: Propeller and sea valves & connections.
 The following repairs have not been carried out.
New main steam pipes & feed pipes also all boiler mountings renewed.
H.P. & M.P. pistons renewed. New L.P. packing ring fitted. H.P. Cylinder New liner fitted. All piston & pump rods skinned up & new bushes fitted.
Tunnel bearings reinstalled & shafting lined up. Condenser cleaned.
Ballast pump opened & examined, main engine thoroughly overhauled and put in good order. Also new set of spare gear fitted to rule requirements.

General Observations, Opinion, and Recommendation:— The machinery of 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. 907, B.&F.S. 907 or L.M.C. 907, 140 lb., F.D., &c.)
is not in good order and eligible in my opinion to remain as classed and have fresh record of L.M.C 7.0 & N.B. 7.0 in the register Book

Office or Registration Fee (per Sec. 27) £ _____
 Survey Fee (per Section 28) £ 3 10
 Special Damage Fee (per Section 28) £ 7
 Travelling Expenses (if chargeable) £ 3 3
 Fees applied for 25 JUL 1900
 Received by me, 13.9.00
Tom G. Wain
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

State if Certificate is required _____
 Committee's Minute _____
 Assigned + L.M.C. 7.00
+ N.B. 7.00
Smith
N. 9529



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

N.W.C. 872-0013

* Certificate to be sent to

B.S. due 5.00 to complete at last
Screw shaft examined

A new main boiler fitted
Donkey boiler examined

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.

It is submitted that this vessel WILL BE eligible for the record, + L.M.C. 4.00. + N.B. 4.00.

9. B.S. 4.00. NP=90lbs.
Safety valves may be adjusted to 96 lbs.
Antoine Leitch Surveyor

Donkey boiler will become due for survey in 1902.

13-8-02

Vertical shaft examined
Donkey boiler examined
Main boiler examined
Screw shaft examined
Water tank examined
Oil tank examined
Cabin examined
Deck examined
Mast examined
Rigging examined
Sails examined
Anchor examined
Bitts examined
Blocks examined
Tackle examined
Ropes examined
Paint examined
Stores examined
Crew examined
Passengers examined
Certificates examined
Log examined
Charts examined
Compass examined
Altimeter examined
Barometer examined
Thermometer examined
Anemometer examined
Log line examined
Lead line examined
Sounding lead examined
Tide gauge examined
Weather glass examined
Signal gun examined
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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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