

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

(Received at London Office)

FRI. 24 FEB 1899

Date of writing Report 22 Feb 18 99 When handed in at Local Office 18 Port of London

No. in Reg. Book 73 Survey held at London Date, First Survey 7 Feb Last Survey 21 Feb 13 1899

on the Machinery of the Wood, Iron or Steel S. S. "Vauxhall" Master R. W. Woods

Tonnage Gross 814 Net 526 Vessel built at Newcastle By whom Palmers' & Co When 1878 Boilers, when made (Main) 1878 (Donkey) 1886

Registered Horse Power 99 Engines made at Newcastle Owners James Steam Colliers & Co Ltd Port London Voyage Coasting

No. of Main Boilers one No. of Donkey Boilers one Steam Pressure in Main Boilers 75 lbs in Donkey Boilers 45 lbs

Is Surveyed Afloat or in Dry Dock Union (State name of Dock.)

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

Last Survey No. 90 A1-8.98 Port London

Particulars of Examination and Repairs (if any) Special Survey

(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.)

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

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? How 77 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? How 38 lbs

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? Stern Bush relined

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

Vessel placed in dry dock. Propeller, propeller shaft (drawn), Stern Bush (rewooded), & all sea connections & fastenings examined & found satisfactory.

Examined all Cylinders, Pistons, Corris, Valves & Gears, Condenser, Crank Tunnel & Thrust Shafting, Air, Circulating Feed & Bilge Pumps & Bilge Injection.

Packing Ring to LP piston renewed, Tongue Piece in HP packing ring renewed.

All Condenser Tubes drawn, Condenser & Tubes cleaned & tested, 112 tubes renewed, Tubes replaced & repurged & Condenser tested with water & found tight. Feed pump ram renewed. Bilge pump ram trued up & gland to same rebushed. All Thrust Rings remounted on go-ahead side. One LP eccentric & strap renewed. Three (3) Top half main bearing bushes burnt & refilled with patent metal. LP bottom end bushes refilled with patent metal. Bilge Injection pipe cleared. 3 Tunnel blocks drawn, examined & refixed. Gland to Donkey sea connection renewed. Bilge

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, R.S. 997, B.&M.S. 997 or L.M.C. 997, 140 lb., F.D., &c.)

as far as seen, is now in a safe working condition & eligible, in my opinion, to have L.M.C. 2.99 Recorded in the Register of the Society. The Donkey Boiler pressure to be noted as 45 lbs

Office or Registration Fee (per Sec. 27) 2 Fees applied for 13 18 99

Survey Fee per Section 28 3.10.0

Special Damage Fee (per Section 28) 7.0

Travelling Expenses (if chargeable) 3.13.0

Received by me, 13/4 18 99 Jan 18

State if Certificate is required ✓

Committee's Minute FRI. 3 MAR 1899 TUES. 18 JUL 1899

Assigned L.M.C. 2.99

note D.B. press

Thomas R. Blackie
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Lloyd's Register
Foundation
LON 717-0464

60792. Lar.

Ant 3 S^g Vauxhall
pipes repaired & overhauled. Boiler mountings
overhauled.

Examined Main Boiler externally & internally and
found it in fair condition. Checks at fore
and renewed. Safety valves satisfactory.
Examined Donkey Boiler externally & internally
found the shell at safety valve chest also at
bottom round handholes badly corroded. The bottom
of shell forming support to boiler also badly corroded.
At safety valve chest an efficient doubling plate
riveted; at bottom, doubling plate also fitted & riveted
same extending to foundation ring. Manhole
door & hand-hole door found slack. now
renewed. The bottom Manhole door to Main
Boiler renewed.

Safety valve (dead weight) examined & satisfactory.
Examined Main Engines & Boilers under
steam & adjusted safety valves & working
pressures.

owing to the condition of the Donkey
Boiler, the pressure, it is submitted, be
reduced to 45 lbs per sq. inch.

L. B. Blackie

Screw shafts examined and stem bush renewed.

Main & Donkey Boilers examined.

Donkey boiler found somewhat overhauled.

Some repairs now done and

pressure reduced.

Engines examined, S.P. Examination

and stops renewed and several

minor repairs now done.

It is submitted that
this vessel is eligible for
THE RECORD, L.M.C. 2.99.

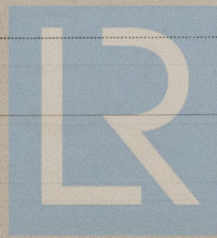
Donkey boiler pressure

to be noted 45 lbs.

A.C.H.

1.8.99.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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