Rpt. 9.

No. 11245.

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

(Received at London Office WED. 18 JUL 1900)

Date of writing Report July 18 1900 When handed in at Local Office 17th July 1900 Port of WEST HARTLEPOOL

No. in Reg. Book. 120 Survey held at West Hartlepool Date, First Survey 19th May Last Survey July 13 1900 (No. of Visits 4)

on the Machinery of the ~~Wood~~, Iron or ~~Steel~~ S.S. Malaga Master W. Rees – 96

Tonnage { Gross 1614 / Net 1024 } Vessel built at West Hartlepool By whom W. Gray & Co. When 1876 (YEAR. MONTH.)

Registered Horse Power 160 Engines made at Stockton When 1876 Boilers, when made (Main) 1900 (Donkey) 1900

No. of Main Boilers 2 Owners J. Hall Jun. & Co. Port London Voyage London

No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Graysdry Dock (State name of Dock.)

Steam Pressure— in Main Boilers 80 lbs in Donkey Boilers 80 lbs.

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

CHARACTER. ✠ for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
✠100A1 4,99		L.M.C. 8,96
S.S. Mpl. No. 3 – 8,88		E.N. 7,99
S.S. Lon. No. 2 – 8,87		

Last Survey No. Port

Particulars of Examination and Repairs (if any) M.S. & New Boilers

(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? New boilers now fitted

Do. " Donkey " " " do.

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? 84 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? 80 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 vitæ of stern bush and top of after bearing of screw shaft? New wood now fitted in Stern bush

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 shaft drawn exam. & found in good condition. New propeller & Injection valve fitted. Sea cocks & valves and sea cock fastenings good.

Exam. Cyl. pistons, valves, crank thrust & tunnel shafting, condenser & all pumps. — Both Cyls. sent to Works, L.P. Cyl. bored out, new liner fitted & dia. reduced to 58¾". Pistons &c. turned to suit. Valve spindles, piston rods, & air pump rod turned up in lathe, glands rebushed & new neck rings fitted. Crank shaft lifted & rebedded, & shafting lined up throughout. All main steam pipes, including two new ones, annealed & afterwards tested by high press. to 200 lbs & found tight. Dia. of crank shaft 11". Tunnel shafting 10¼" & propeller shaft 10¼".

Boilers. – New Main & donkey boilers fitted, see Attached Report.

General Observations, Opinion, and Recommendation :— The Machinery of this vessel is now in good condition, & eligible in our opinion to remain as classed and to have record L.M.C. 7,00, also ✠N.B. 7,00, N.D.B. 1900 and dia. of L.P. Cyl 58¾" marked in the Register Book. Likewise Main & donkey boiler pressures. 80 lbs. N.H.P. 160

(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. 9,97, B.&H.S. 9,97 or ✠L.M.C. 9,97, 140 lb., F.D., &c.)

Office or Registration Fee (per Sec. 27)	£ : :	Fees applied for 17. 7. 1900
Survey Fee (per Section 28) Dis. 10%	£ 2 : 0 : 5	
Special Damage Fee (Per Section 28)	£ 2 : 5 :	Received by me (9.7) 1900
Travelling Expenses (if chargeable)	£ : :	

State if Certificate is required ✓

Committee's Minute FRI. 20 JUL 1900

Assigned ✠LMC 7,00 ✠NB 7,00 N.D.B. 1900

Thos. L. Thompson
Richard Aird
Engineer Surveyors to Lloyd's Register of British and Foreign Shipping.

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

✠ Certificate to be sent to

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Screw Shaft examined: Sternbush rewood-ed.
L.P. Cylinder bored out
New main & donkey boilers fitted

It is submitted that this vessel is eligible for THE RECORD ✠LMC 7.00 and notation of ✠NB 7.00, NSB 00, working pressures 80 lb, diameter of L.P. Cylinder 58 3/4, and records of NHP; grate surface etc as per attached report.

CM.
18.7.00

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.

☞ THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

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