

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

(Received at London Office - 2 JAN 1920)

Survey Report - 2 JAN 1920 - When handed in at Local Office - 2 JAN 1920 - Port of Ipswich

Survey held at Wivenhoe Date, First Survey 22 Aug 19 Last Survey 4 Dec 1919

on the Machinery of the Wood, Iron or Steel S.S. K. "Lady Smith" Master

Gross Tonnage 254 Vessel built at Selby By whom Bochane & Sons When 1906-12

Net Tonnage 109 Engines made at Hull By whom B.D. Holmes & Co When 1906

Boilers one Boilers, when made (Main) 1906 (Donkey)

Boilers Owners Taylor & Staff Port Grimsey Voyage

If Surveyed Afloat or in Dry Dock Afloat & Dry Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Port No. Port

Particulars of Examination and Repairs (if any) PART L.M.C.

CHARACTER, &c. for Special Survey, Date of last Survey and of Periodical Surveys.	Years Assigned now original.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A.1.</u>		<u>L.M.C. 6.11.</u>
<u>Stm Stawlee</u>		<u>B.S. 7.14.</u>
<u>7.13</u>		<u>TS 616</u>
<u>S.S. Gms N°1-11</u>		

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 not.

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

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

Donkey " " "

If not done, state for what reasons?

Parts of the Boilers could not be thus thoroughly examined?

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 you examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? Not Adjusted

Did you examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam?

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

Did you examine the drain plugs of the Main Boilers? and of the Donkey Boiler?

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

Has the Main Boiler now been drawn and examined? Yes Is it fitted with continuous liner? Yes or two liners? or is it without liners?

Has the Donkey Boiler been changed? No If so, state reasons

Has the Donkey Boiler now fitted new? Has it a continuous liner? or two liners? or is it without liners?

What is the clearance between lignum vitae of stern bush and top of after bearing of screw shaft? Nil

If the work is not complete state what arrangements have been made for its completion and what remains to be done? See letter from Owners

Refer to ship Report, discontinuing Class.

Main engines cylinders, pistons, slide valves, crank, thrust and low shafting, pumps (main & auxiliary) with connections, condenser, cocks & discharge valves, stern tube & propeller, and machinery generally examined and found or put in good working condition boiler examined internally & externally and several cracks on race landings welded up by oxy-acetylene process and edges of the caulked. Several defective tubes renewed & others expanded. Heads of furnace fronts caulked. Bottom manhole door & dogs renewed. All boiler mountings opened out, examined & overhauled and in good condition.

P. T. O.

Observations, Opinion, and Recommendation:—

State any alteration, if any, 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, E.&M.S. 9,11, or L.M.C. 9,11, &c., &c.

A letter has been received from the Owners stating that the Class is to be discontinued. The above is submitted for the information of the Committee.

Section 25)	£	Fee applied for
or Repair Fee (if any)	2.2.0	7/19 20
Section 25.)		Received by me,
charges (if chargeable)	3.2.=	29.1.20

Robert Rae & A.G. Salmon
 Engineer Surveyor to Lloyd's Register of Shipping.

Surveyor's Minute FRI. 9 - JAN. 1920

TUE JAN 13 1920

FRI. MAR 19 1920

see minute on hull report.



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

W1494-0031

Engine Repairs:— HP + MP Crank pin brasses
 re-metalled. All astern guide bars skimmed up and
 refitted. MP Quadrant block skimmed & refitted.
 Suction & delivery valves for main engine bilge pump renewed.
 New continuous liners fitted to tail shaft. Spare
 propeller fitted on tail shaft with new key.
 Main steam and lower water gauge pipes removed to
 shop, annealed, afterwards tested by hydraulic pressure
 to 360 lbs per sq in, found satisfactory & refitted, and
 other minor repairs effected.

R.R.

N.B.—If this Report is copied by Copying Press, special 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 THE MARGIN.

Owners state they don't wish
 to examine chills see letter and endorsement
 on slip report

7/1/20



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