

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

(Received at London Office)

TUES 31 AUG 1897

Date of writing Report 30 August 97 When handed in at Local Office is Port of London

No. in Reg. Book 440 Survey held at London Date, First Survey 9 June Last Survey 30 Aug 1897

on the Machinery of the Wood, Iron or Steel S. S. "Grasmus Wilson" Master W. Whiting

Gross Tonnage 437 Vessel built at W. Huttlespool By whom J. Withy & Co When 1876-3

Registered for Power 99 Engines made at Stockton When 1876 Boilers, when made (Main) 1876 (Donkey)

No. of Main Boilers one Owners J. Clarke & Co Port London Voyage Coasting

No. of Donkey Boilers one Surveyed Afloat or in Dry Dock Slengall Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Steam Pressure in Main Boilers 70 lbs in Donkey Boilers 40 lbs

CHARACTER. for Special Survey. Date of last Survey and of Periodical Surveys.	Years since last Survey expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+	8.96	
S.S. Lon No 3-9.88		
S.S. Lon No 1-92		

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any) Special Survey

Periodical Surveys, when held, must be reported in detail and serialim 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 At what pressure were they afterwards adjusted under steam? blow 70 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted? blow 40 lbs

Has the propeller shaft been drawn and examined at this time? Yes If spare propeller shaft fitted, state whether new? New shaft fitted complete

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

Vessel damaged by Collision & sinking in the Thames. Examined in dry dock propeller, stem Bush (rewooded), and all sea connections & fastenings to same - satisfactory. The propeller shaft was found to be badly fractured, diagonally, between liners, a new propeller shaft fitted, the certificate appended. Examined all cylinders, pistons, bonnets, valves & faces, crank shaft, condenser, Air, circulating, Feed & Bilge pumps. Packing rings in HP piston slack, renewed, also springs, New Tongue pieces fitted in LP packing rings - One bottom Main bearing bush fractured, renewed. Guard to Air pump head valve renewed. circulating pump head valve renewed. Condenser tubes drawn, cleaned & referruled. Shaft relined. Examined Main Steam pipe under hydraulic test to 150 lbs per sq inch after annealing & rebracing. All mountings & Valve & pump gear overhauled. Examined Main Boiler externally and internally.

General Observations, Opinion, and Recommendation: The Machinery of this Vessel is now, so far as seen, in a safe working condition and eligible in my opinion to have LMC 8.94 recorded in the Register of this Society.

Main & Donkey Boiler pressures to be noted 70 lbs & 40 lbs respectively

Office or Registration Fee (per Sec. 27)	£		Fees applied for
Survey Fee (per Section 28)	£	3 10 0	31/8 97
Special Damage Fee (per Section 28)	£	7 0	
Travelling Expenses (if chargeable)	£	3 3	Received by me, 2/9/97

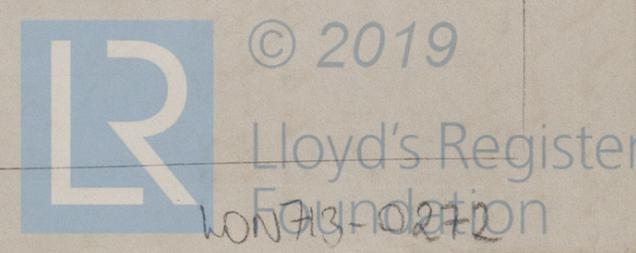
Thomas Clarke
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required _____

Committee's Minute _____

Assigned LMC 8.94

FRI, 3 SEP 1897



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

The Surveyors are requested not to write.

*Certificate to be sent to

AGIP

5913400

Continued $\frac{1}{2}$ " Erasmus Wilson
and found it in fair condition. A patch right
across combustion chamber (center) back at fire level
taken off & renewed and 17 screw stays &
same renewed. A covering patch on back end
plate taken off and renewed. Several seams
overhauled. Safety valves satisfactory.

Examined Donkey boiler externally & internally and
found it in fair condition. Shell & tubes drilled and
gauged - satisfactory. Safety valve satisfactory.

Boilers covered with nonconducting material.
Main & Donkey boilers examined under hydraulic
test to 105 lbs & 65 lbs respectively & found
tight.

Examined Main & Donkey boilers under steam
and adjusted safety valves to working pressures.

J. H. Blackie

Screw shaft renewed & moderate repairs
to engines & main boiler owing to
damage.

It is submitted that
this vessel is eligible for
THE RECORD.

L. M. C. 8. 97.
Main boiler pressure 70 lbs.
Donkey boiler pressure 40 lbs. to be
noted in the Register Book

J. H. Blackie
31. 8. 97

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

