

THUR, MAY 14 1896 No. 14411

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

(Received at London Office)

THUR, MAY 14 1896

Date of writing Report 9th May 1896 When handed in at Local Office 9th May 1896 Port of Glasgow  
No. in Reg. Book. 171 Survey held at Glasgow Date, First Survey 14th May Last Survey 8th May 1896  
171 on the Machinery of the Wood, Iron or Steel SS Mangara Master J. P. Turner  
Tonnage Gross 1784 Net 1157 Vessel built at Glasgow By whom A. Stephen & Co When 1889 10  
Registered Horse Power 149 Engines made at Glasgow When 1889 Boilers, when made (Main) 1889 (Donkey) 1889  
No. of Main Boilers 1 Owners SS Mangara Co Ltd Port Glasgow Voyage Bordeaux  
No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Dry  
Steam Pressure in Main Boilers 160 (State name of Dock.) Govan dry. & Thomas Quay  
in Donkey Boilers 60 Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. Port Docking & Completion of B.S.  
Particulars of Examination and Repairs (if any)

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

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years elapsed since last survey.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A1</u> <u>6-95</u> <u>SS Lou 101-95</u>		<u>L MC</u> <u>8-93</u>

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? See report to 14741.

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? ✓

At what pressure were they afterwards adjusted under steam? ✓

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes

To what pressure were they afterwards adjusted? 60 lb per square inch.

Has the propeller shaft been drawn and examined at this time? Complete

If the Survey is not complete state what arrangements have been made for its completion?

When this vessel was in dry dock the propeller & sea cock fastenings were examined. found the rose plate on main injection valve broken. a new rose plate now fitted.

Donkey boiler and its safety valves & mounting opened up and examined. found that the two gusset stays had been cut out and not re-fitted. Two new gusset stays now fitted.

General Observations, Opinion, and Recommendation:—The machinery of this vessel so far as seen is in good condition, and is eligible in my opinion to remain as classed, with fresh record of B.S. 1-96 in register book. the survey being now completed.  
(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. 4, 54, B.A.M.S. 4, 94 or L.M.C. 4, 94, 140 lb., F.D., &c.)

Office or Registration Fee (per Sec. 37).....	£	:	✓
Survey Fee (per Section 28).....	£	:	✓
Special Damage Fee (per Section 38).....	£	:	✓
Travelling Expenses (if chargeable).....	£	:	✓

Fees applied for
18
Received by me,
18

George Hurdock  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

\*State if Certificate is required

Committee's Minute

FRI, MAY 15 1896

Assigned

BS 1.96