

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

No. 77405

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Writing Report 17 JAN 1918 When handed in at Local Office 17 JAN 1918 Port of LIVERPOOL

Survey held at Liverpool Date, First Survey 7 Last Survey Jan 4th 1918

on the Machinery of the Wood, Iron or Steel T.S.S. Gronsa Master

Gross 80 1/2 Vessel built at Belfast By whom Harland & Wolff When 1906 8

Net 45 1/6 Engines made at " By whom " When 1906

ed 1125 Boilers, when made (Main) 1906 (Donkey)

wer 6 Owners Pacific Steam Nav Co Port Liverpool Voyage

in Boilers 6 If Surveyed Afloat or in Dry Dock Dry Dock

key Boilers 2 1/5 (State name of Dock.) Langton

Boilers 2 1/5 Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Report No. Port

Particulars of Examination and Repairs (if any) Docking

At Surveys, when held, must be reported in detail and criticism in the terms of the Rules. State clearly the nature and extent of examinations and subsequent repairs. Repairs on being detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

CHARACTER. X for Special Survey. Date of last Survey and of Periodical Surveys.	Year Advised how expired.	Machinery and Boiler Surveys (including date of N.B., if any).
100 A 1		LCMC 8.14
8.17		BS. 4.17
sshv No 2.15		T.S. 7.15

ge cases 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?

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

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Not due for survey

" Donkey " " "

is 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?

Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?

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

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? , and of the Donkey Boiler?

Surveyor examine the drain plugs of the Main Boilers? , and of the Donkey Boiler?

Surveyor examine all the mountings of the Main Boilers? , and of the Donkey Boiler?

shaft now been drawn and examined? NO Is it fitted with continuous liner? or two liners? or is it without liners?

now been changed? NO If so, state reasons

shaft now fitted new? NO Has it a continuous liner? or two liners? or is it without liners?

distance between lignum vitae of stern bush and top of after bearing of screw shaft? Starboard shaft 1/32" Port shaft good fit

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

and placed in dry dock. Propellers, outer end of stern bushes & sea connections examined & found in good condition.

General Observations, Opinion, and Recommendation:—This vessels machinery as 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, 11, B. & H.S. 11, or L.M.C. 9, 11, 140 lb., F.D., &c.)

as seen is in good & sea worthy condition & eligible to main as classed

(per Section 88) £ Fees applied for

Image or Repair Fee (if any) £ Received by me,

Expenses (if chargeable) £

Committee's Minute LIVERPOOL

red As now.

W 817-0007

J.H. Smith  
Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register  
Foundation

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

Is a Certificate required? If so, to be sent to



It is submitted that  
this vessel is eligible to  
remain as ~~UNCLASSIFIED~~.

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.

*S. W.*  
*4. 2. 18.*

**THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.**

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