

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

(Received at London Office

TUE. FEB. 2 - 1915

Date of writing Report 30 January 1915 when handed in at Local Office 10 Port of Bordeaux
 No. in Reg. Book 210 Survey held at Lormont and Bordeaux Date, First Survey 18 January Last Survey 26 January 1915
 on the Machinery of the Wood, Iron or Steel sc. 22 "Tangestan" Master Jap. D. Edmunds
 Tonnage { Gross 3238 Vessel built at H. Hartlepool By whom W. Gray and Co. Lim. When 1906-10
 Net 2393 Engines made at Newcastle By whom N. Z. Marine Co. Lim. When 1906
 Registered Horse Power 341 NHP Boilers, when made (Main) 1906 (Donkey) 1906
 No. of Main Boilers (E.D.) 2 Owners Stock Line Ltd. (F.C. Stock and Co. Ltd. (M. Stock)) Port Avancea Voyage Caribbean
 No. of Donkey Boilers 1 If surveyed Afloat or in Dry Dock Chambre de Commerce Bordeaux Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 Steam Pressure in Main Boilers 180 lbs in Donkey Boilers 90 lbs and on the river Lormont

CHARACTER. of Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned for special survey.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+100 A. 1.</u>	<u>73. 14</u>	<u>+L.M.C.</u>
<u>73. 14</u>	<u>73. 14</u>	<u>1. 11.</u>
<u>Jan 14</u>	<u>Jan 14</u>	<u>B.S. 3. 14.</u>
<u>J. No 1-11</u>	<u>J. No 1-11</u>	<u>T. 10. 12</u>

Last Report No. 11158 Port Hartlepool NYK
 Particulars of Examination and Repairs (if any) survey of machinery, main and donkey, for 4 M.C. Certificate

Medical 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.

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

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 To what pressure were they afterwards adjusted under steam? 180 lbs
 Did the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted under steam? 90 lbs
 Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? yes , and of the Donkey Boiler? yes
 Did the Surveyor examine the drain plugs of the Main Boilers? yes , and of the Donkey Boiler? yes
 Did the Surveyor examine all the mountings of the Main Boilers? yes , and of the Donkey Boiler? yes
 Has screw shaft now been drawn and examined? No - Is it fitted with continuous liner? or two liners? or is it without liners?
 Has shaft now been changed? If so, state reasons ✓
 Is the shaft now fitted new? Has it a continuous liner? or two liners? or is it without liners?
 State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? ✓
 If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? ✓

at owners representative's request, proceeded on board steel sc. 22 "Tangestan" lying afloat in wet dock, Chambre de Commerce, Bordeaux, to carry out the necessary survey for an M.C. Certificate.

Machinery - entirely disconnected and overhauled; surveyed and found: all cylinders, pistons, I. and H.P. slides in good condition, H.P. piston valve found slack to be readjusted at owners convenience. Crank shaft, thrust shaft, etc. in good condition. Tail end shaft not drawn out to be surveyed at owners convenience, together with all sea connections and propeller fastenings.

H.P. main boilers - and donkey boiler: surveyed internally and externally and found in good condition with the exception of a stay in starboard boiler porting combustion chamber back plate on level with bridge which was renewed to the undersigned's satisfaction. All mountings and fittings, and fan in good working condition. Safety valves adjusted under steam, those of main boilers to H.P. = 180 lbs; those of donkey boilers to H.P. = 90 lbs.

Herewith annexed, copy of Certificate Form B delivered at their request to Cap. Edmunds' Com. sc. 22 "Tangestan"

General Observations, Opinion, and Recommendation: - The machinery, main and donkey boilers (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, 11, B.M.S. 9, 11, or S.E.M. 4, 9, 11 140 lb., E.D., &c.)

sc. 22 "Tangestan" being now in the undersigned's opinion in good and safe working condition are respectfully suggested to the Committee for a favourable consideration as being worthy of the following notifications in Lloyd's Register Book: B.S. 1. 15; and +L.M.C. 1. 15. subject to the H.P. piston valve found slack being readjusted, the tail end shaft being surveyed at owners convenience (and sea connections)

Survey Fee (per Section 78) £ 6 : 15 :
 Special Damage or Repair Fee (if any) (per Section 88.) £ " : "
 Travelling Expenses (if chargeable) £ " : 2 :

Fees applied for
 Jan 1915 6/17 = 12/125
 Received by me,
 26 Jan 1915

A. D. Sorell, C.E.
 Engineer Surveyor to Lloyd's Register of Shipping.
 Bordeaux

Committee's Minute - FRI. FEB. 5 - 1915
 Assigned Deferred for comp. of n. 2 B.S. 1. 15

MACHINERY CERTIFICATE
 WRITTEN

FRI. MAR. 19. 1915

Lloyd's Register Foundation

If so, is the Report sent to the Registrar?

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

Form Certificate required? Fees, to be sent to Registrar.

10m. 6. 11. - Transfer Ink. (The Surveyor is requested not to write on or below the space for Committee's Minute.)

Bd due 3. 15 now held
S S No 2 due 10.14 partly held
re put. to be completed do per

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.

Convenient opportunity.
Screw shaft survey due 10.14
It is submitted that
this vessel is eligible for
THE RECORD. 35. 1. 15

It is submitted that this
vessel WILL BE eligible for
the record. L.M.C. 1. 15
When the screw shaft, ^{humps} ^{condenser} & the
sea connections have
been examined & the
HP piston valve
made good.

E.H.
4. 2. 15

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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