

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

(Received at London Office) 24 APR 1918

Date of writing Report 2/4/18 19 18 When handed in at Local Office 2/4/18 19 18 Port of ALGIERS

No. in Reg. Book. 615 Survey held at ALGIERS Date, First Survey 29/3/18 Last Survey 30/3/18 19 18  
 (No. of Visits)

615 on the Machinery of the Wood, Iron or Steel steamer "BERTRAND" Master Jenkins

Tonnage { Gross 3613 Vessel built at Sunderland By whom R. Thompson & Sons When 1913.12  
 Net 2282

Registered Horse Power 337 Engines made at Stockton By whom Blair & Sons When do 1913  
 No. of Main Boilers 2 Boilers, when made (Main) 1913 (Donkey) 1913  
 No. of Donkey Boilers 1 Owners Turnbull Bros Port Cardiff Voyage Gov't. Transport  
 Steam Pressure in Main Boilers 180 lb. If Surveyed Afloat or in Dry Dock  Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Report No. 936 Port Algiers

Particulars of Examination and Repairs (if any)

(Periodical Surveys, when held, must be reported in detail and serially 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. of Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned or not assigned.	Machinery and Boiler Surveys (including date of N.B., if any).
+100 AI, 7.18	417	+LMC 12.13
		TS 7.16

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?

Do. " Donkey " " " "

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? To what pressure were they afterwards adjusted under steam?

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

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

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

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

Has screw shaft now been drawn and examined? 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? complete.

DAMAGE to I.P. Slide Valve Spindle.

The above was found to be very considerably scored and worn. It has been dismantled and skimmed up on the lathe. A new neck ring has been made and the gland bored and bushed. The repair is permanent and the engines are now in good working order.

General Observations, Opinion, and Recommendation:—

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.&S. 9.11, or L.M.C. 9.11, 140 lb., F.D., &c.)

It is recommended that the vessel remain as at present classed.

Fee (per Section 29) £ 3, 3, 0

Special Damage or Repair Fee (if any) (per Section 29) £

Travelling Expenses (if chargeable) £

Committee's Minute TUE. 16. APR. 1918



Engineer Surveyor to Lloyd's Register of Shipping.



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

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

1107 due 12-14

It is submitted that  
this vessel is to  
remain UNCLASSIFIED.

J.H.  
13.4.18.

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.

RECEIVED

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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