

1<sup>st</sup> ENTRY

No. 10801

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

(Received at London Office)

SAT. SEP. 18 1920

Writing Report

19

When handed in at Local Office

15. 9.

19. 20.

Port of *Middlesbrough*

Survey held at

*Middlesbrough*

Date, First Survey

*1<sup>st</sup> Oct. 1919*

Last Survey

*13<sup>th</sup> Sept. 1920*

(No. of Visits)

*23.*24 on the Machinery of the ~~Wood, Iron or~~ Steel*S.S. BENARES*

Master

YEAR.

MONTH.

Gross

*5827*

Net

*3611*

Vessel built at

*Haverton Hill*

By whom

*J. J. S. B. Co Ltd (S.S. N. 1)*

When

*1920-9*

Engines made at

*W. Hartlepool*

By whom

*Richardson Westgarth & Co*

When

*1920*

Main Boilers

Boilers, when made (Main)

*W. Hartlepool 1920*

(Donkey)

Donkey Boilers

Owners *(S. Brorstrom Mfgs)*

Port

*Gothenburg*

Voyage

*Gothenburg*

Pressure—

*180*

If Surveyed

*Afloat or in Dry Dock**Building*

Particulars of Classification (which must be inserted precisely as in Register Book &amp; Supplements).

CHARACTER.  
X for Special Survey.  
Date of last Survey and of  
Periodical Surveys.Years  
Allowed  
now  
expired.Machinery and Boiler  
Surveys  
(including date of N.B., if any).*100 A1 shelter dk with fbd  
(Class Contemplated)*

Report No.

Port

Particulars of Examination and Repairs (if any) *1<sup>st</sup> ENTRY*

Great Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent 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 as being detailed in the body of the report, should be briefly summarised at the end of the report. State also the date and initials of any letters respecting this case.

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?

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time?

Donkey "

If not done, state for what reasons?

What parts of the Boilers could not be thus thoroughly examined?

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?

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?

Screw shaft now been drawn and examined?

Is it fitted with continuous liner?

or two liners?

or is it without liners?

Screw shaft now been changed?

If so, state reasons

Screw shaft now fitted new?

Has it a continuous liner?

or two liners?

or is it without liners?

The distance between lignum vitae of stern bush and top of after bearing of screw shaft?

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

*Pilge, Water Ballast and oil**and pumping arrangements and settling tanks completed in accordance with the approved**plans (7) forwarded herewith: Oil fuel heating pipes in Nos 1 & 2 & Boiler Room D.B. tanks**tested and tested to 400 lb per sq in: Oil fuel burning arrangements fitted in accordance with the**plans: Main Engines, Boilers and auxiliaries examined under steam & found satisfactory**To complete the survey for the record of "Fitted for oil fuel (with a date) F.P. above 150° Fah"**the following requires to be done:— Oil fuel heating pipes in Eng Room & Nos 4 & 5 D.B. tanks to**complete and test to 400 lb per sq in: Oil fuel heating pipes between boilers, observation tank & settling**tanks to complete: Observation tank & its connections including overflow pipe, to complete and**oil fuel arrangements to test under working conditions**It is stated that the survey will be completed at Gothenburg: the Surveyors have been advised**a copy of letter addressed to Owner & Gothenburg Surveyors attached hereto.**A report on the Electric Light will follow: "Winch" is not yet fitted*

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, E.&M.S. 9, 11, or L.M.C. 9, 11, 140 lb., F.D., &c.)

*In our opinion this vessel is eligible to have the notation of L.M.C. 9.20.**the record of "Fitted for oil fuel (with a date) F.P. above 150° Fah" being deferred until**the survey is complete as above*

Fee (per Section 28)..... £

Damage or Repair Fee (if any)..... £

(per Section 28.)

Selling Expenses (if chargeable)..... £

Fees applied for

19

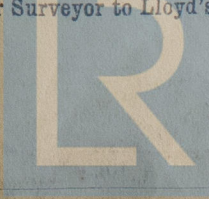
Received by me,

19

Committee's Minute

TUE. OCT. 26 1920

Signed

*+ Lth 6.9.20  
H.D.**Wm Morrison & Co. G. Wilks*  
Engineer Surveyor to Lloyd's Register of ShippingLloyd's Register  
Foundation

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

5570-16114  
41191-0255