

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

(Received at London Office FRI. OCT. 18 1920)

Date of writing Report 4th October 1920 When handed in at Local Office 4th October 1920 Port of Göthenburg

No. in Book. Survey held at Göthenburg Date, First Survey 20th September 1920 Last Survey 20th September 1920

2594 on the Machinery of the Wood, Iron or Steel of "BENARES" Master B. Hellen 02 20

Image { Gross 5890 Net 3695 Vessel built at Middlesbro' By whom Turners S. B. Co. Ld When 1920

Registered Horse Power of Main Boilers Engines made at _____ By whom _____ When _____

of Donkey Boilers Owners Aktiel. Selsk. Ostasiatiska Komp. Port Göthenburg Voyage _____

of Main Boilers If Surveyed Afloat or in Dry Dock (Dan Bredning) Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Donkey Boilers (State name of Dock.)

Previous Report No. _____ Port _____

Particulars of Examination and Repairs (if any) Part survey for classification

Medical Surveys, when held, must be reported in detail and serialim in the terms of the Rules. State clearly 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 details being detailed in the body of the report, should be briefly summarised at the end of the report. State also the names and initials of any letters respecting this case.

CHARACTER for Special Survey, Date of last Survey and of Periodical Surveys.	Years Assigned and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100A1 Shattered</u>		
<u>with freeboard (class contemplated)</u>		
<u>FE not yet before</u>		

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 " " " " "

What was not done, state for what reasons? Boilers not due for survey

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?

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 _____

Has shaft now fitted new? Has it a continuous liner? or two liners? or is it without liners?

What is 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? See below.

Part survey for classification has been held as follows:

The fuel heating pipes in Nos 4 and 5 double bottom tanks tested with hydraulic pressure to 400 lbs per inch.

No fuel heating pipes are fitted in Engine Room double bottom tanks.

To complete survey:

Oil fuel heating pipes between boilers and observation tanks to complete.

Observation tank and its connections including overflow pipe to complete.

Oil fuel arrangements to test under working conditions.

The Owners Superintendent states the survey will be completed at this port in about four months time from date.

General Observations, Opinion, and Recommendation:— The machinery of this vessel

is in my opinion to be classed in the Register Book of this Society with the notation of +LMC 9.20 and "Carrying oil fuel F.P. above 150°F in D.B." The notation

should be "Carrying oil fuel, with date, F.P. above 150°F" to be assigned when the survey is completed as arranged.

Fee (see Section 29) £ 150.00

Damage or Repair Fee (if any) £

Printing Expenses (if chargeable) £

Fees applied for 4th October 1920

Received by me 11/10/20

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

signed + Lmb 9.20

TUE. OCT. 26 1920

CERTIFICATE WRITTEN.

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

4720 - 16114

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