

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

(Received at London Office)

TUE. AUG. 1921

Date of writing Report July 18 1921 When handed in at Local Office East London S. Africa Port of East London S. Africa

No. in Reg. Book 07536 Survey held at East London S. Africa Date, First Survey 10.7.21 Last Survey 16.7.1921

595 on the Machinery of the Wood, Iron or Steel Tom de Hopper Hedger agnis Master H. R. Bolton

Tonnage Gross 1161 Vessel built at Glasgow Scotland By whom W. Swains Ltd. When 1903

Registered Horse Power 248 Engines made at do do By whom do When 1903

No. of Main Boilers 2 Boilers, when made (Main) 1903 (Donkey) 1903

No. of Donkey Boilers 1 Owners Union of South Africa Port East London Voyage Local Dredger

Steam Pressure in Main Boilers 180 lbs If Surveyed Afloat or in Dry Dock Afloat

in Donkey Boilers 100 lbs (State name of Dock.)

Last Report No. 104 Port East London Ctn

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

CHARACTER.	Date of last Survey and of Periodical Surveys.	Machinery and Boiler Surveys (including date of M.B., if any).
<input checked="" type="checkbox"/> A. I. P. H.		<u>L. M. C. (unred)</u>
<u>Hopper Dredger 19 2.21</u>		<u>BS 7.19</u>
<u>SS 716 No. 19</u>		<u>TS 2.21</u>
<u>S. P. R. 203-9-12</u>		

Particulars of Examination and Repairs (if any)

Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature, if any, and, in detail, the nature and extent of examinations and subsequent repairs. Repairs on machinery (the cause of which must be stated) should be separated from repairs due to other causes; and details in the body of the report, should be briefly summarized at the end of the report. State also the date 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 not.

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

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

Did you personally go inside each Donkey Boiler separately and make a thorough examination at this time? Yes

If not done, state for what reasons? no parts

Were any of the Boilers could not be thus thoroughly examined? 23 - South Africa

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? 24.2.22

Did you examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 180 lbs of steam

Did you examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? 100 lbs

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

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

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

Has the Main Boiler been drawn and examined? no Is it fitted with continuous liner? Yes or two liners? Yes or is it without liners? Yes

Has the Donkey Boiler been drawn and examined? no If so, state reasons Screw shafts not examined at this time.

Has the Donkey Boiler been fitted new? Yes Has it a continuous liner? Yes or two liners? Yes or is it without liners? Yes

Is the distance between lignum vitae of stern bush and top of after bearing of screw shaft? complete

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

Survey was made at the request of the Durban and Natal Harbour Railway Harbours East London.

Survey of Donkey Boiler. This boiler was tested by hydraulic pressure to one hundred and seventy-five pounds (175 lbs.) and the Safety Valves adjusted under steam to a pressure of one hundred pounds (100 lbs.) per square inch. The survey was assisted by Mr. R. R. Scott, Marine Engineer.

241

General Observations, Opinion, and Recommendation:

Recommend that the notation BS 7.21 (unred) be made in the Register Book in the margin of this reel, and that the boiler be re-surveyed six (6) months from this date, 18-1-22.

Fee applied for (per Section 25).....	£	July 19 19 21
Damage or Repair Fee (if any) (per Section 25.).....	£ 12 : 12 :	
Expenses (if clear).....	£	
		Received by me, 19

Assisted by R. R. Scott, Marine Engineer.

Surveyor to Lloyd's Register of Shipping.

TUE. 1 AUG. 1921

BS. 7.21, subject

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

COPY FOR LONDON... Head Office: 71, Fenchurch Street... This... and Machinery... transmitted... of British and Foreign... all recommendations... have been carried out... that the... in the Register Book... of the Surveyors... on the terms of the Rules and Regulations... to ensure that the... are under any circumstances... in any early in the... of the Surveyors or other Officers...

BS due 7.21 held.

It is submitted that
this vessel is eligible for
THE RECORD BS. 7.21 Subject
to the main boilers being
again examined before
the end of Jan 1922

Well
11/8/21

M.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.

TOP FEB 7 1922
Withdrawn Class
under own vessel - 1/200
" G.L. No. 9/22
" Durban.

General Committee
Thursday, 9th February 1922

Decision of Classing
Committee confirmed
C.R.D.



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Foundation

MEMBERS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.

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