

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

(Received at London Office) AUG 21 1940

Date of writing Report _____ When handed in at Local Office 16 AUG 1940 Port of LIVERPOOL

No. in Reg. Book. 90752 Survey held at Birkenhead Date, First Survey 10/8/40 Last Survey 15/8/1940 (No. of Visits 3)

on the Machinery of the Wood, Iron or Steel Sc. "Kewcrest" ex "Ivo Racic"

Tonnage } Gross 3774 Vessel built at South Shields By whom J. Readhead & Sons When 1907-6
 Net 2314 Engines made at do By whom do When do

Nominal Horse Power 326 Boilers, when made (Main) 1907 (Donkey)

No. of Main Boilers 2 Owners Crest Shipping Co. Ltd. Owners' Address _____
 No. of Donkey Boilers 1 Managers _____ Port London Voyage Voyage

Steam Pressure in Main Boilers 180 lb. Surveyed Afloat or in Dry Dock East Float. (State name of Dock.)

In Donkey Boilers _____

Last Report No. 53554 Port Off

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

CHARACTER, Date of last Survey and of Periodical Surveys.	Year assigned and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+100 A1</u>		<u>+LMC-</u>
<u>5.40</u>		<u>MS - 6.37</u>
<u>SS Ret. 2 N°3-1.33</u>		<u>BS - 12.39</u>
<u>SS Ret. N°1 - 37</u>		<u>T.S. CL - 4.40</u>

Particulars of Examination and Repairs (if any) Repairs (M)

(Periodical Surveys, when held, must be reported in detail and seriatim 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 summarized 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? No

" " Donkey " " " "

If this was not done, state for what reasons? Not done.

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?

State latest date of internal examination of each boiler. Present condition of funnel(s) _____

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 Boilers?

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

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

Has screw shaft now been drawn and examined? Is it fitted with continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Has shaft now been changed? If so, state reasons

Has the shaft now fitted been previously used? Has it a continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

State date of examination of Screw Shaft. State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft. Afloat

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted?

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses?

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. Complete.

Now done:- At request of Owners Super Engr examined main condenser. The after tube plate was found fractured horizontally across a number of tube holes. Approx 60 tubes now removed & double 3/8" brass plate patches fitted, stiffened by a number of through bar stays. All wood ferrules in upper half of tube nest also removed. Repairs examined on completion, condenser tested, and found satisfactory. Recommended after tube plate be removed at the first convenient opportunity. It is stated a new tube plate has been ordered & will be fitted at the first opportunity.

General Observations, Opinion, and Recommendation:— The machinery of this vessel, so far as now seen, is in satisfactory working condition, eligible in my opinion to remain as classed without fresh record, subject to the main condenser after tube plate being renewed at the first convenient opportunity

(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, S.S. 0,11, B.&M.S. 0,11, X L.M.C. 0,11, or L.M.C. 140 lb., F.D., &c.)

far as now seen, is in satisfactory working condition, eligible in my opinion to remain as classed without fresh record, subject to the main condenser after tube plate being renewed at the first convenient opportunity

Survey Fee (per Section 29).....	£ : :	Fees applied for <u>16 AUG 1940</u> 19
Special Repair Fee (if any).....	£ <u>33</u> : <u>0</u>	
Travelling expenses (if chargeable).....	£ : :	

Received by me, _____ 19

M. B. Edwards
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute LIVERPOOL 20 AUG 1940
Assigned As now Subject.

90785

180/100
5
250
5214
3714

Birkenhead

Sc. Vincent in his name

South Shields

to 1907
Great Shipping Co. Ltd

East Foot

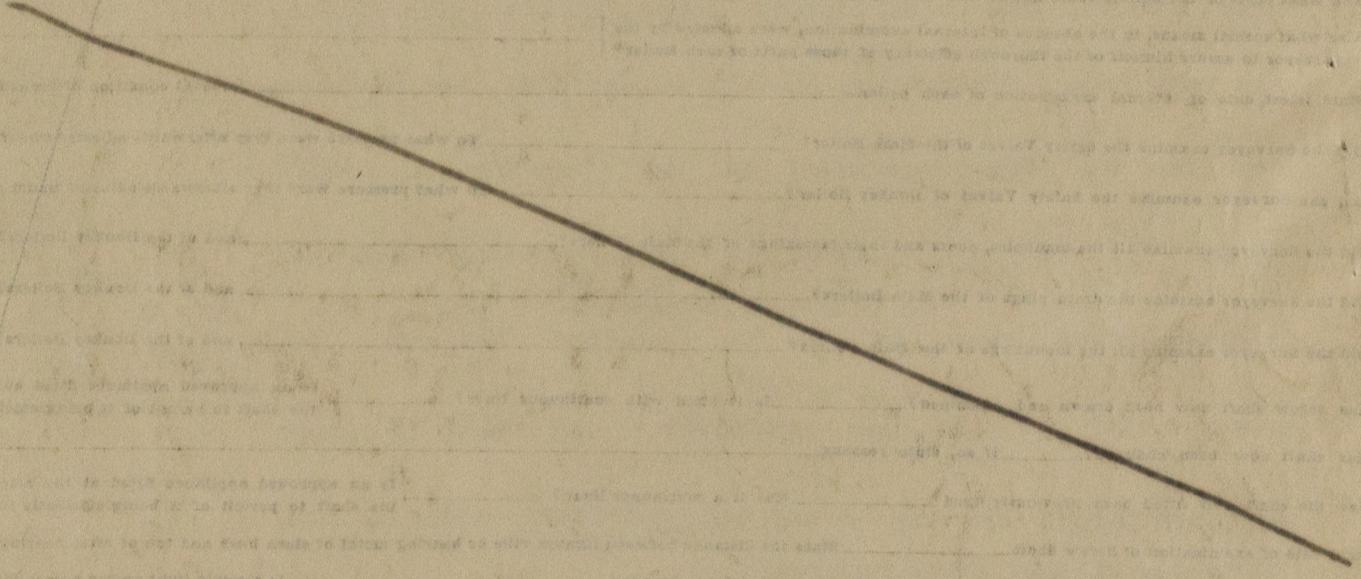
12/8/3

1907-0

Reports (M)

22 of 11 - 37
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Not here



Complete

Now done: The report of Bureau after paper examined main warehouse. The tube plate was found fractured longitudinally across a number of tubes. 60 tubes were removed a double 1/2 inch plate patches fitted, and a number of others for stays. All work finished in afternoon of tube was also removed. This was examined in completion, and tubes, and found satisfactory. Examination of the tube plate to remove all the fast arrangements opportunity. It is noted a new tube plate order will be fitted at the first opportunity.

The machinery of this vessel

for a new set, in of working condition, which is to be fitted to the vessel. To remain as usual without further work, which is to be fitted to the vessel. The machinery of this vessel

Noted
Subject as recommended

W. J. G. [Signature]

23/8/1907

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