

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

(Received at London Office, NOV 14 1940)

Date of writing Report 17th Nov 1940 When handed in at Local Office 12:11:40 Port of Glasgow
 No. in Reg. Book 72318 Survey held at Glasgow Date, First Survey 24:10:40 Last Survey 4-11-1940
 on the Machinery of the Wood, Iron or Steel "CITY OF NAGPUR" (No. of Visits 3)

Tonnage } Gross 10146 Vessel built at Belfast By whom Wattman, Glasgow When 1922-9
 Net 6280 Engines made at do By whom do When 1922
 Nominal Horse Power 1038 Boilers, when made (Main) 1922 (Donkey) -
 No. of Main Boilers 5 Owners Ellerman Lines Ltd Owners' Address City Line Ltd
 No. of Donkey Boilers 1 Managers City Line Ltd Port Glasgow Voyage -
 Steam Pressure in Main Boilers 230 lb If Surveyed Afloat or in Dry Dock Glasgow Dry Dock
 in Donkey Boilers ✓ (State name of Dock.)

Last Report No. _____ Port _____
 Particulars of Examination and Repairs (if any) part B.S. docking

(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 summarised 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? 3 aft only

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? _____

If this was not done, state for what reasons? forward surveyed, see Greenock rpt No 21116

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. Star aft 24/10 Port aft 28/10/40 Present condition of funnel(s) good

Did the Surveyor examine the Safety Valves of the Main Boiler? 3 aft only To what pressure were they afterwards adjusted under steam? 230 lbs

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? yes _____, 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? yes _____, and of the Donkey Boilers? _____

Has screw shaft now been drawn and examined? No 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 _____ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? _____

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 1/8"

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. To complete the B.S. the center

Bottom door of Starboard forward Boiler requires to be re-fitted (See Greenock rpt No 21116). It is stated that this will be done at first opportunity.

Now done: Vessel placed in dry dock. Propeller, and Sea Connections with their fastenings examined. The three aft Boilers examined internally and externally together with their mountings and found to be in safe working condition. Safety Valves of all 5 Boilers adjusted as above. The following repairs recommended by Greenock Surveyors have now been satisfactorily carried out: - Port Boiler starboard low furnace mouth rivets built up. Port and center Bottom doors of Port forward Boiler re-fitted. Other minor repairs made.

General Observations, Opinion, and Recommendation: The machinery, so far as seen, is in safe working condition and eligible in my opinion to remain as classed with fresh record of B.S. 10.40 as previously recommended when the survey has been completed

CHARACTER for Special Survey Date of last Survey and of Periodical Surveys.	Year assigned now excluded.	Machinery and Boiler Surveys (including date of N.E., if any).
<u>100 A.1. Skotts dt</u>		<u>L.M.C. 6.38</u>
<u>with funnel.</u>		<u>B.S. 2.40</u>
<u>2.40</u>		<u>T.S. (G.L.) 5.38</u>
<u>SS Hull No 3 - 6.34</u>		
<u>SS Hull No 1 - 38</u>		
<u>fitted for oil fuel 9.22</u>		<u>F.P. above 150° F</u>

The Surveyors are requested not to write on or below the space for Committee's Minute.

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

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

9000-11M

Survey Fee (per Section 29).....	£ : :	Fees applied for	19
Special Damage or Repair Fee (if any).....	£ : :	Received by me,	19
Travelling expenses (if chargeable).....	£ : :		

Committee's Minute **GLASGOW 12 NOV 1940**
 Assigned as now

B.H. Macdonald & N. Russell
 Engineer Surveyor to Lloyd's Register of Shipping.

