

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

(Received at London Office)

NOV 14 1940

Date of writing Report 12th Nov^r 19 40 When handed in at Local Office 12:11: 19 40 Port of Glasgow

No. in Survey held at Bangalore Date, First Survey 24:10:40 Last Survey 4. 11. 1940
Reg. Book. 72318 on the Machinery of the ~~Wood, Iron or Steel~~ "CITY OF NAGPUR" (No. of Visits 3)

		Year.	Month.		
Tonnage	Gross <u>10146</u>	Vessel built at <u>Belfast</u>	By whom <u>Workman, Black & Co. Ltd</u>	When <u>1922-9</u>	
	Net <u>6280</u>				
Nominal Horse Power	<u>1038</u>	Engines made at <u>do</u>	By whom <u>do</u>	When <u>1922</u>	
No. of Main Boilers	<u>5</u>	Boilers, when made (Main)	<u>1922</u>	(Donkey)	<u>-</u>
No. of Donkey Boilers	<u>✓</u>	Owners	<u>Ellerman Lines Ltd</u>	Owners' Address	
		Managers	<u>City Line Ltd</u>	(if not already recorded in Appendix to Register Book.)	
Steam Pressure—				Port	<u>Glasgow</u>
in Main Boilers	<u>230 lb</u>			Voyage	<u>-</u>
in Donkey Boilers	<u>✓</u>	If Surveyed Afloat or in Dry Dock	<u>Gledeslie dry dock</u>	Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).	
		(State name of Dock.)			

Last Report No. _____ Port _____
Particulars of Examination and Repairs (if any) per BS, docking

(Periodical surveys, when held, must be reported in detail and serially 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 eff only

" " Donkey " " "

If this was not done, state for what reasons? ~ forward surveyed, see Greenval rpt N° 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? }

Surveyor to assure himself of the thorough efficiency of these parts of the boiler.

State latest date of internal examination of each boiler. Sept 24/10 Roller 28/10/10 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? all Boilers 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 ☒

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 vitæ or bearing metal of stern bush and top of after bearing of screw shaft 18 +

Is electric light and/or power fitted? ☒

Engine parts, when referred to by numbers, should be counted from forward.

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?

Has the insulation resistance of the generators, circuits and apparatus been tested and found satisfactory? To complete the B.S. the center
If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. (S. Greenough Hst N= 21116)

Bottom door of Starboard forward Boiler requires to be re-fitted (See Greenwich rpt No 21116).
It is stated that this will be done at first opportunity.
Now done:- Vessel placed in dry dock. Propeller and Sea Connectives with their fastenings examined.
The three aft Boilers examined internally and externally together with their mountings and found in place in safe working condition. Safety Valves of all 5 Boilers adjusted as above.
The following repairs recommended by Greenwich Surveyors have now been satisfactorily carried out:-
Port Boiler Starboard low furnace mouth rivets built up. Port and Centre Bottom doors of Port forward Boiler re-fitted.

of other minor repairs made

1371/40
General Observations, Opinion, and Recommendation:—The machinery, so far as seen, is in safe
(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, B.&M.S. 9, 11, *L.M.C. 9, 11, or
*L.M.C. 140 lb., F.D., &c.)
CS 2, 34,
working condition and eligible in our opinion to remain as classed with fresh record of B.S. 10. 40
as previously recommended when the survey has been completed

Survey Fee (per Section 20).....	£	:	:	Fees applied for _____ 19 _____ Received by me, _____ 19 _____
Special Damage or Repair Fee (if any)..... (per Section 20.)	£	:	:	
Travelling expenses (if chargeable).....	£	:	:	

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

Committee's Minute GLASGOW 12 NOV 1940

Assigned as now

Lloyd's Register
Foundation