

# REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES & BOILERS

(Received at London Office 27 APR 1944)

of writing Report 14<sup>th</sup> March 1944 When handed in at Local Office 14<sup>th</sup> March 1944 Port of Calcutta

Survey held at Calcutta. Date. First Survey 29<sup>th</sup> Feb. Last Survey 14<sup>th</sup> March 1944 (No. of Visits 2)

on the Machinery of the ~~Wood, Iron or Steel~~ <sup>Tw.</sup> SS. "EL. MADINA"

Gross 3962 Vessel built at Glasgow By whom Barclay Curle & Co Ltd When 1937-11  
 Net 1628 Engines made at Glasgow By whom Barclay Curle & Co Ltd When 1937  
 No. of Boilers 916 Boilers, when made (Main) (Donkey) -  
 in Boilers 158 Owners Scindia Steam Nav Co Ltd. Owners' Address  
 Key Boilers Managers Port Bombay. Voyage  
 Boilers 220 Surveyed Afloat or in Dry Dock Calcutta Moorings.  
 Boilers

Report No. 11878 Port CAL.

Particulars of Examination and Repairs (if any) *heavy repairs*

Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

In cases where the Surveyor has not made a special damage report he is required to state whether he has personally examined his services for this purpose, and why they were declined.

Has a special damage report made by anyone else? If so, by whom? *no.*

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *no.*

Was the Donkey boiler examined? *no.*

Were the parts of the Boilers which could not be thus thoroughly examined? *no.*

Were special means, in the absence of internal examination, adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? *no.*

What was the date of internal examination of each boiler? *no.*

Did the Surveyor examine the Safety Valves of the Main Boiler? *no.*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *no.*

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? *no.*

Did the Surveyor examine the drain plugs of the Main Boilers? *no.*

Did the Surveyor examine all the mountings of the Main Boilers? *no.*

Has the screw shaft now been drawn and examined? *no.*

Has the screw shaft now been changed? *no.*

Has the screw shaft now been fitted with a continuous liner? *no.*

Has the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft been examined? *no.*

Has the Surveyor examined the generators, motors, switchgear, cables and fuses? *no.*

CHARACTER. *for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any)
+100 A1		+LME 10-4
6-43.		BS 3-43.
SS Bow 101-41		TSCL 1-41

Present condition of funnel *Efficient*

To what pressure were they afterwards adjusted under steam? *no.*

To what pressure were they afterwards adjusted under steam? *no.*

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? *no.*

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? *no.*

Is electric light and/or power fitted? *no.*

Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? *Complete.*

Request of Owners examined the 8th main engine HP slide valve and spindle valve is of the Andrews & Cameron double opening balanced type and was found to be bearing hard on the 8th side of the valve cage, while the top of the valve spindle had worn away the guide bush in cover dome. *DONE.*

*new dome and bush fitted to cover and a new bush fitted in chest*

*has made a short sea passage and Chief Engineer reports valve satisfactory. recommended that a new cage be fitted and valve dressed up at first available opportunity.*

General Observations, Opinion, and Recommendation:—

Machinery of this vessel is in my opinion eligible to remain as classed without fresh record of Survey. Subject to 8th main engine HP valve cage being renewed and valve dressed up at the first available opportunity.

Fee (per Section 29) *£ 75/-*

Committee's Minute *TUES. 2 MAY 1944*

*A. Shaw*  
Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation  
W240-0089

MP slide valve worn.  
Surveyor recommended  
repair at first opportunity  
Vessel subsequently sunk.

GA  
1/5/44



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