

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

(Received at London Office)

Date of writing Report 19... When handed in at Local Office 19... Port of **CALCUTTA**

No. in Register Book **75807** Survey held at **CALCUTTA** Date, First Survey **18th June** Last Survey **20th June 19 53** (No. of Visits **2**)

on the Machinery of the Wood, Iron or Steel **W. Sc. "SANGOLA"**

Gross Tonnage **8646** Vessel built at **Whiteinch** By whom **Barclay Curle & Co. Ltd.,** When **1947** Year **1947** Month **6**

Net Tonnage **5053** Engines made at **Gls.** By whom **Barclay Curle & Co. Ltd.,** When **1947**

Donkey Tonnage **1235** Boilers, when made (Main) **(Donkey) 1947**

of Main Boilers  Owners **B.I.S. Navigation Co. Ltd.,** Owners' Address **/**

of Donkey Boilers **2** Managers **/** Port **LONDON** Voyage **/**

in Pressure—  If Surveyed Afloat or in Dry Dock **Afloat** Particulars of Classification (which must be inserted precisely as in Register Book & Supplements.)

Main Boilers  (State name of Dock) **Garden Reach Jetties.**

Donkey Boilers **120 lbs**

Report No. **1389** Port **KOB**

Particulars of Examination and Repairs (if any) **Part DBS & Part C.S.**

Medical 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.

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.

Has 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?

Donkey " " " " **STAR<sup>R</sup> YES**

Was this not done, state for what reasons **PORT BOILER NOT PRESENTED FOR SURVEY**

What parts of the Boilers could not be thus thoroughly examined?

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?

Latest date of internal examination of each boiler **STAR<sup>R</sup> 18/6/53** Present condition of funnel (f) **EFFICIENT**

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 the Donkey Boiler? **S. YES** To what pressure were they afterwards adjusted under steam? **NOT ADJUSTED.**

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers?  , and of the Donkey Boilers? **S. YES**

Did the Surveyor examine the drain plugs of the Main Boilers?  , and of the Donkey Boilers? **NONE FITTED**

Did the Surveyor examine all the mountings of the Main Boilers?  , and of the Donkey Boilers? **S. YES**

Has the 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 the 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?

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 **/**

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

Did the Surveyor examine the generators, motors, switchgear, cables and fuses? **NO**

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

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done **To complete the DBS the port boiler remains to be examined in its entirety, the safety valves of both boilers to be tested, the oil fuel burning & fire extinguishing installations to generally examine & test under running condition. C.S. Case.**

CHARACTER * for Special Survey Date of last Survey and of Periodical Surveys	Years assigned as expired	Machinery and Boiler Surveys (Including date of N.B., if any)
<b>+100 A1 with freeboard</b>		<b>+LMC CS 8-51 DBS 5-51</b>
<b>3-53 Cal.</b>		<b>TS C.L.</b>
<b>ss. Cal. 8-51</b>		<b>P. 8-51 S. 3-53</b>

**OIL ENGINES CONTINUOUS SURVEY. PROGRESSIVE SURVEY**

**DONE:-**

**Pt. DBS.** The star'bd donkey boiler examined throughout together with its safety valves, mountings, manhole doors & fastenings & found or placed in order.

**Pt. CS.** The port M.E. No.3 cylinder, pistons, bottle guides, transverse beam, valves & valve gear, centre & side crosshead bearings & journals, bottom end bearings & journals, the port intermediate shaft, the port fuel valve water cooling pump, all examined & found in order.

**Wires.** A few plain tubes in the starboard donkey boiler renewed.

General Observations, Opinion, and Recommendation:—

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.)

**Machinery of this vessel, as now seen is eligible in my opinion to remain as classed with fresh records of DBS 6-53 & +LMC CS (with date) when the survey has been completed.**

Fee (per Section 29) **Pt. DBS Rs.160/-** Fees applied for **3-7-19 53**

Special Damage or Repair Fee (if any) **Pt. CS Rs.400/-** Received by me, **/**

Selling expenses (if chargeable) **Rs.16/-**

Committee's Minute **THURSDAY 13 AUG 1953**

Signed **/**

**G. K. Stevenson** © 2021  
 Engineer Surveyor to Lloyd's Register of Shipping.  
 Lloyd's Register Foundation  
 004698 - 004702 - 0273

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