

B.C. CLASS

Rpt. 9.

No. 118147

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

(Received at London Office 4 MAY 1949)

Date of writing Report 2nd May 49 When handed in at Local Office 4 MAY 1949 Port of London

Survey held at London Date. First Survey 20.4.49 Last Survey 28.4.49 (No. of Visits 3)

Machinery of the Wood, Iron or Steel Motorship "HOUSTON CITY"

Tonnage Gross 7262 Vessel built at Sunderland By whom Wm Doxford & Sons Year. Month. 42 8.
 Net 5019 Engines made at Sunderland When 42 8.
 Nominal Horse Power By whom Wm Doxford & Sons When 42 8.
 No. of Main Boilers 1 Boilers, when made (Main) (Donkey) 8/12.
 No. of Donkey Boilers 2 Owners Pearson Smith Line Ltd. Owners' Address.
 Steam Pressure in Main Boilers Managers Sir Wm Pearson Smith & Sons (If not already recorded in Appendix to Register Book.)
 in Donkey Boilers 120 If Surveyed Afloat or in Dry Dock Millwall Docks. Port Bideford. Voyage

Last Report No. BC Summary Port Rpt No 1036

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

CHARACTER.	Years assigned now or expired.	Machinery and Boiler Surveys (including date of N.B., if any)
BS * 2/49		MBS * 3/47
AS 4/48		BS 3/48
SS Cardiff 3/47		TSD 3/47
		CL

Particulars of Examination and Repairs (if any) Annual: Donkey Blns. 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?

Donkey " " " " Cochran Dry only. Yes.

If not, state for what reasons Riley Dry under Steam. What parts of the Boilers could not be thus thoroughly examined? None.

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 Cochran Dry 20.4.49 Present condition of funnel (s) Satisfactory.

Did the Surveyor examine the Safety Valves of the Main Boilers? To what pressure were they afterwards adjusted under steam?

Did the Surveyor examine the Safety Valves of the Donkey Boilers? Cochran only. Yes. To what pressure were they afterwards adjusted under steam? 20 lbs/p.

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? and of the Donkey Boilers? Cochran only. Yes.

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

Did the Surveyor examine all the mountings of the Main Boilers? and of the Donkey Boilers? Cochran only. Yes.

Has the screw shaft now been drawn and examined? Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?

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 oil retaining appliance fitted at the after end? State date of examination of Screw Shaft. State the wear down in the stern bush.

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

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. Survey of Cochran Donkey Boiler complete. Riley Donkey Boiler remains to be examined. Owners state this will be carried out on completion of current voyage.

Now Done: The Cochran Donkey Boiler with mountings was completely opened out, examined internally and externally and found in satisfactory condition. The oil fuel installation and steam smothering arrangements were examined, tested and found satisfactory.

Repairs: All "Smuffs" tubes renewed, and boiler hydraulically tested to 125 lbs/p on completion of work.

General Observations, Opinion, and Recommendation: The machinery of this vessel as now seen is in efficient and good working condition, eligible in my opinion to remain as Classed with fresh record of Survey BS.4/49 on completion of items as noted above.

(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, BS.11, BMS.9.11 LMC.9.11 or LMC.140 lb., FD, &c.)

Survey Fee (per Section 29) £ 33.00 Fees applied for 19

Special Damage or Repair Fee (if any) £ : Received by me, 19

Travelling expenses (if chargeable) £ : Committee's Minute

Assigned FRI. 20 MAY 1949

Deferred for comp. D. Br. S.

20th May 1949

J.B. Smail
 Engineer Surveyor to Lloyd's Register of Shipping
 TUES. 13 SEP 1949
 Annual Survey 4.49

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

014023-016031-0058

FRI 4 NOV 1949

✓
Deferred
~~Write off~~



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