

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

No. 8732

(Received at London Office)

Date of writing Report 14th Dec. 1945 When handed in at Local Office 19 Port of PHILADELPHIA, PA.
 Survey held at Philadelphia, Pa. Date, First Survey 1st Nov. '45 Last Survey 9 Nov. 1945
 on the Machinery of the ~~Wood, Iron or Steel~~ TSMV "FOZ DO DOURO" (No. of Visits 2)

Gross 2323 Vessel built at Glasgow By whom C. Connell & Co. Year. Month
 Net 1984 Engines made at Beloit Wis By whom Fairbanks Morse & Co. When 1892-2
 413 Boilers, when made (Main) (Donkey) 29 refitted 37
 Main Boilers Owners Julio Ribeiro Campos Owners' Address
 Donkey Boilers 1 Managers (if not already recorded in Appendix to Register Book.)
 Pressure Boilers Port Oporto Voyage
 Key Boilers 70 ~~Surveyed Afloat~~ in Dry Dock Kensington DD Co. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Report No. Port
 Particulars of Examination and Repairs (if any) DBS & Docking
 Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly 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 the nature 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 declined his services for this purpose, and why they were declined.

CHARACTER * for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any)
*100A1 6-43	6-43	* NDB
SSBal 4 No. 3	2-43	made 29
		refitted 37
		DBS 9-44

Damage report made by anyone else? If so, by whom?
 Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time?
 " Donkey " " " Yes
 Is not done, state for what reasons? -
 Parts of the Boilers could not be thus thoroughly examined? -
 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? -
 Date of internal examination of each boiler Nov 1, 1945 Present condition of funnel(s) -
 Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?
 Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? 70 lbs.
 Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boilers? Yes
 Surveyor examine the drain plugs of the Main Boilers? Yes, and of the Donkey Boilers? -
 Surveyor examine all the mountings of the Main Boilers? Yes, and of the Donkey Boilers? Yes
 Shaft now been drawn and examined? 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?
 How been changed? If so, state reasons
 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?
 Examination of Screw Shaft State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft
 These parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? Yes
 Surveyor examine the generators, motors, switchgear, cables and fuses?
 Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?
 If not complete, state what arrangements have been made for its completion and what remains to be done Complete

Conclusion:-
 Examined throughout together with mountings, 1 donkey boiler and found same in good order.
 Safety valves adjusted under steam on donkey boiler to 70 lbs.
 Vessel placed on dry dock, for details see report 4B.

Observations, Opinion, and Recommendation:- This vessel is eligible in my opinion to be classed and to have fresh record of DBS 11-45.
 Early 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, R.G.M.S. 9,11, R.L.M.C. 9,11, or L.M.C. 140 lb., F.D., &c.) CS 3,34.

Section 29) \$ 15.00 : Fees applied for Nov 16 1945 GW
 Repair Fee (if any) \$: Received by me, Nov 21 1945
 Section 29.) \$:
 Charges (if chargeable) \$:
 Engineer Surveyor to Lloyd's Register of Shipping.
 As now subject D.B.N.H. 45

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

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



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