

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

No. 44533

(Received at London Office)

22 JAN 1944

Date of writing Report 14th Dec 1943 When handed in at Local Office 24th Dec 1943 Port of New York
 No. in Survey held at Hoboken, N.J. Date, First Survey 23rd Oct Last Survey 24th Nov 1943
 8. Book 4697 on the Machinery of the Wood Iron or Steel S.S. "GARGOYLE" (No. of Visits 2)

Manager { Gross 7003 Vessel built at Oakland, California By whom Moore, S. B. Co Year. Month. 1921, 2
 Net 4303 Engines made at Hamilton, Ohio By whom Thos. Owens, Penticoster When 1921
 Nominal 680 Boilers, when made (Main) 1921 (Donkey) ✓
 of Main Boilers 3 S.B. Owners Seacow Vacuum Oil Co Inc Owners' Address U. S. Maritime Commission
 of Donkey Boilers ✓ Managers Port New York Voyage ?
 Steam Pressure 220 lbs in Main Boilers ✓ If Surveyed Afloat or in Dry Dock Both (State name of Dock.) Lodge Hoboken
 in Donkey Boilers ✓ Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Report No. Port
 Particulars of Examination and Repairs (if any) Rep - B.S. Rep - S.B.

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.

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? Yes

" " Donkey " " " ✓

Was this not done, state for what reasons? ✓

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 P 27/10/43. C & S 9/11/43. Present condition of funnel Good

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 220 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? Yes 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? Yes

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? Yes

Latest 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 1/4"

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and power fitted? Yes

So, did the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes

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

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. Complete

Now Done: The vessel placed in dry-dock the propeller with fastenings and the fastenings of the stem tube and sea valves examined and found in order. All sea valves overhauled & examined.

B.S.: The three main boilers examined internally & externally with their mountings and found in order. The boilers examined under steam with oil burning equipment and all master valves and witnessed the adjusting of their Safety Valves to the above working pressure by H. S. Inspectors.

General Examination. The main engines & auxiliaries generally examined as far as practical and under working conditions on completion of repairs and all found in good working order.

Now Done. L.P. cylinder, main air pump, main circulating pump (new impeller & shaft fitted), feed heater, main condenser and engine stop valve overhauled & examined. Electrical a new reciprocating (general electric) 25 K.W. - 125 V - 200 A - D.C. generator to run in parallel with the

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.E.M.S. 9,11, L.M.C. 9,11, or L.M.C. 140 lb., F.D., &c.)

CS 3,34, Recommend that the machinery of this vessel be continued as classed and have fresh record of B.S. 11,43.

Survey Fee (per Section 29) B.S. \$45.00
 Special Damage or Repair Fee (if any) Rep \$60.00
 (per Section 29.)
 Travelling expenses (if chargeable) ✓

Fees applied for 4-12-1943
 Received by me, 19

S. S. Whitham,
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned As now

B.S. 11,43.

NEW YORK DEC 29 1943

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two generators previously in use, now installed. The generator tried out under full working conditions and from full to no load and all temperature tests found in order. The generator installed on the port side of the old generators and vessel now has a port, centre and a starboard generator on the same platform. The old generators overhauled and megger tested at this time and both found or placed in order. Also all electric circuits with junction boxes megger tested and odd sections of wiring renewed and all placed in order.

S. R. List. M.S. not advanced at this time.

S. S. Whitlam.

23rd Jan 1950

Notes

Exd 1143

Yuan

31.1.50



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