

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

(Received at London Office)

MAY 1942

Date of writing Report Dec. 13, 1941. When handed in at Local Office Dec. 13, 1941. Port of Newport News, Va.,

No. in Survey held at Newport News, Va. Date, First Survey and Last Survey Dec. 12, 1941. (No. of Visits 1)

Reb. Book 22522 on the Machinery of the ~~Wood~~ Steel S/S DIXIE ARROW Year. Month. 1921 11

Tonnage { Gross 8046. Vessel built at Camden, N.J. By whom New York S.B. Corp. When 1921 11
 Net 4960. Engines made at Camden, N.J. By whom New York S.B. Corp. When 1921 - 11

Nominal Horse Power 625 Boilers, when made (Main) 1921 - 11 (Donkey)

No. of Main Boilers 3 Owners Socony-Vacuum Oil Co., Inc. Owners' Address (if not already recorded in Appendix to Register Book.)

No. of Donkey Boilers _____ Managers _____ Port New York. Voyage _____

Steam Pressure in Main Boilers 220 If Surveyed Afloat ~~XXXXXX~~ Yes Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 (State name of Dock.) N. N. S. B. & D. Co.

in Donkey Boilers _____

Last Report No. 7455 Port Bal.

Particulars of Examination and Repairs (if any) Repairs.
 (Periodical 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.)

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-A-1 6-41	6-41	T.S. (OL) 11.33 6-41
*Shelter deck with freeboard"		*LMC. 8.27 B.S. 6-41
ss. Mob. No. 3-11.33		6-41
ss. Mob. No. 1-37		
Carrying Pet. in bulk; fitted for oil fuel 11.21 F.P. above 150° F.		

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? No.

Donkey Boilers under Steam

If this was not done, state for what reasons? Boilers under Steam

And what parts of the Boilers could not be thus thoroughly examined? ✓

Also 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. Present condition of funnel(s) Good

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 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? ✓, and of the Donkey Boilers? ✓

Did the Surveyor examine the drain plugs of the Main Boilers? ✓, and of the Donkey Boilers? ✓

Did the Surveyor examine all the mountings of the Main Boilers? ✓, 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? ✓

Has shaft now been changed? No. 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? ✓

State 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 3/16".

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

If so, 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? No.

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

One propeller blade found broken at root of blade and the remaining three blades somewhat bent on the leading edge. A new spare propeller blade has now been fitted and set to the desired pitch. Three remaining blades have been faired up. Shaft down 3/16" full

General Observations, Opinion, and Recommendation:— The machinery of this vessel as far as seen, ^{CS 334} is now in safe working order and eligible in my opinion to remain as classed without fresh record of survey.

(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.)

Survey Fee (per Section 29) £ 30.00 Fees applied for 13/12/41

Special Damage or Repair Fee (if any) _____

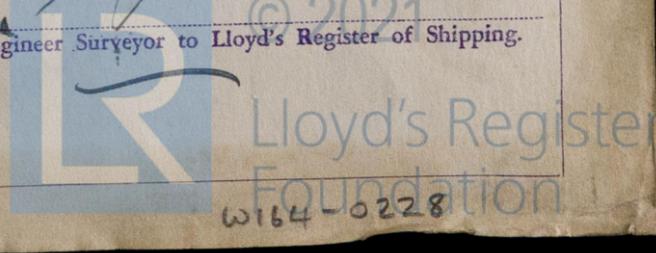
(per Section 29.) _____

Travelling expenses (if chargeable) £ _____

Received by me, _____ 19 _____

G. Hudson
 Acting Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute NEW YORK DEC 30 1941
 Assigned Deferred for S.S. 2nd No. 2



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

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

LS no 2 duu 11.41

Holid

Plus

29.5.42

Subject to the
DONKEY BOILER
not being used



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Foundation