

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

(Received at London Office)

4 FEB 1942

Date of writing Report 6th Dec. 1941 When handed in at Local Office 6th Dec. 1941 Port of MOBILE, ALABAMA

No. in Survey held at MOBILE Date, First Survey 28th Nov. 1941 Last Survey 3rd Dec. 1941  
(No. of Visits 3)

on the Machinery of the Wood Iron or Steel S.S. "SWIFTSURE" Year. Month. 1921 1

Gross Tonnage 8207 Vessel built at Portland, Ore. By whom Northwest Bridge & Iron Co. When 1921 1

Net Tonnage 5092 Engines made at Hamilton, Ohio By whom Hooven, Owens, Rentschler Co. When -

Nominal Horse Power 630 Boilers, when made (Main) 20, fitted 7, 36 (Donkey) -

No. of Main Boilers 3 SB Owners' Address Oldwood, Inc. Owners' C.D. Mallory & Co., Inc. Port Wilmington, Del Voyage -

No. of Donkey Boilers - Managers Alabama D.D. & S.B. Co. If Surveyed Afloat or in Dry Dock both

Steam Pressure in Main Boilers 210 lbs. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Report No. - Port B.S., Fstgs. & Repairs

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

CHARACTER \* for Special Survey Date of last Survey and of Periodical Surveys. Year assigned now or expired. Machinery and Boiler Surveys (including date of N.B., if any)

\* 100 A1 Shelter dk with freeboard 8.43 5.61 ss Mob. No. 3-2, 35 ss N.Yk. No. 1-39 Carrying petrol-um in bulk. fuel 1.21 F.P. above 150° F. FNB made refilled 7.3

Was a damage report made by anyone else? If so, by whom? YES

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? YES

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? YES

If this was not done, state for what reasons? -

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 P. & S 29/11/41 Centre 2/12/41 Present condition of funnel(s) good

Did the Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 210 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? yes and of the Donkey Boilers? -

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? -

Has shaft now been changed? no If so, state reasons. - Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? -

Has the shaft now fitted been previously used? - Has it a continuous liner? - Is electric light and/or power fitted? yes

State date of examination of Screw Shaft 7/32" State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft 7/32"

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? COMPLETE.

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

Vessel placed on drydock, examined the propeller, fastenings of the stern bush, sea connections and found or placed in good order.

BOILER SURVEY

Main boilers examined internally and externally over all parts with mountings and fittings and found or placed in good order. Safety valves adjusted under steam as above.

The oil fuel installation tested and examined under working conditions, fuel tank valves and deck control gear tested out, all found tight and in good order. Oil discharge pipes between the pumps and furnaces examined, tested and found to be tight and in good order.

REPAIRS - WEAR & TEAR

Main injection valve - guide spindle renewed. Evaporator sea connection - Bonnet and gland studs renewed. Main Engines - L.P. crank pin brasses remetalled. Nos. 3 and 6 main bearing caps remetalled.

Main Circulating Pump - Steam cylinder bored out, new piston and piston rings fitted, new crosshead pin and crosshead brasses fitted. All closed up in good order. Main Feed Pumps - New liners fitted to water ends both main feed pumps. Plungers overhauled and reassembled in good order.

General Observations, Opinion, and Recommendation: - The machinery of this vessel, so far as seen, is now in good and safe working condition, eligible in my opinion to remain as classed and to have record of B.S. 12.41 in the Register Book.

(State clearly what alteration, if any, is suggested to be made in the existing classification 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 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.)

\*L.M.C. 140 lb., F.D., &c.) CS 3,34

Survey Fee (per Section 29) B.S. \$45.00 Fees applied for Dec. 10 1941

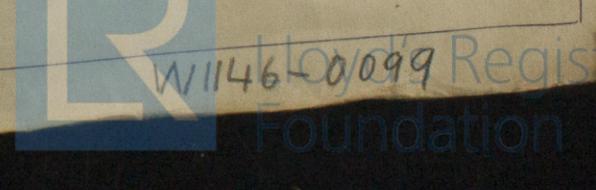
Special Damage or Repair Fee (if any) \$5.00 Received by me, 19

(per Section 29.) Travelling expenses (if chargeable) \$3.00

Committee's Minute NEW YORK DEC 17 1941

Assigned As now B.S. 12, 41.

J.C.S. W. Stenize  
Engineer Surveyor to Lloyd's Register of Shipping.



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

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

(The Surveyors are requested not to write on or below the space for Committee's Minute)

Noted

SA

19/2/42



© 2020

Lloyd's Register Foundation