

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

(Received at London Office)
 Date of writing Report Nov 28 41 1941 When handed in at Local Office Nov 28 41 1941 Port of New York
 in Book. Survey held at Hoboken N.J. Date, First Survey 27th Oct Last Survey 1st November 1941
265 on the Machinery of the Wood, Iron or Steel S/S 'GULFPENN' (No. of Visits 6)
 age { Gross 8862
 Net 5322 Vessel built at Exeter Pa. By whom Sac S.B. Co. Year. Month.
 Engines made at " By whom " When 1921-8
 inal Power 819 H.P. Boilers, when made (Main) 1921 By whom " When 1921
 Main Boilers 4 Owners Gulf Oil Corporation Owners' Address (Donkey)
 Donkey Boilers ✓ Managers (if not already recorded in Appendix to Register Book.)
 Pressure— 220 Port Philadelphia Voyage
 ain Boilers ✓ If Surveyed Afloat or in Dry Dock Atk. Bethlehem Steel Co. Particulars of Classification (which must be inserted
 onkey Boilers ✓ (State name of Dock.) precisely as in Register Book & Supplements).

Particulars of Examination and Repairs (if any) *Sho. Capt L.M.C.*

diagonal Surveys, when held, must be reported in detail and serialism in the terms of the Rules. State clearly the nature 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 details being detailed in the body of the report, should be briefly summarised at the end of the report. State also the names and initials of any letters respecting this case.

On 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

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

6. Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time?

Donkey

was 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
 Inspector to assure himself of the thorough efficiency of those parts of each Boiler?

latest date of internal examination of each boiler	4/7/0
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3. Does the Surveyor examine the Safety Valves of the Main Boiler?

6. Surveyor examine the Safety Valves of Donkey Boiler?

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers?

Does the Surveyor examine the drain plugs of the Main Boilers?

Surveyor examine all the mountings of the Main Boilers?

new 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?

Has it 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?

ate of examination of Screw Shaft.....State the distance between
Engine parts, when referred to by numbers, should be counted from forward.

Is electric light ~~and/or power~~ fitted? *Yes*

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

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

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

ton. The vessel placed in dry dock, propeller, fastenings of the stem bush, sea cocks & valves & their fastenings examined & found or now placed in good order.

Completion LMC The Main engine HP, 1st IP, 2nd IP cylinders, pistons, rods, Valves & Valve Chests, drive gear & rods, Crossheads, Crank pins & bearings examined & found & replaced in good order. The After feed pump, Condensate pump, Sanitary, fire & bilge pumps, fresh water, oil fuel pumps, Cargo pumps & the pumping arrangement examined, Windlass & Steering engines examined. The electric installation, generator, switch gear, cables & fuses examined & the insulation resistance tested & found not to be less than 100,000 Ohms.

The four main boilers examined internally & externally together with their valves & mountings found & now placed in good order. Steam pipes subjected to hydraulic test & found

General Observations, Opinion, and Recommendation:— *The Machinery of the* P.T.O.
State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery, consequent upon this survey, and also
any alteration required to be made to the vessel or the vessel's machinery, boilers, working pressures, &c.: thus for example, R.S. 911, R.&H.S. 911, S.L.M.C. 911, or

140 lb., F.D., &c.)
CS 2,24,
vessel is eligible, in my opinion, to remain as Classified, with full record

Fee (per Section 20) Comp't M/S \$90.00

Damage or Repair Fee (if any)..... £
(per Section 20.)

ing expenses (if chargeable)

Fees applied for
Dec 5 19 41
Received by me,

Committee's Minutes

igned + LMC-1041

Subject D. BLA.

J. M. Belton. © 2020
Engineer Surveyor to Lloyd's Register of Shipping.

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Foundation

W1133-0011 $\frac{1}{2}$

Noted.

Subject to the
DONKEY BOILER
not being used again.

As the survey was commenced 6.41
at P.M. the record should be
+ LMC 6.41.

It is concluded the crankshaft
journals have been examined &
the safety valves adjusted to
220 lbs., but this should be
confirmed.

N.Y.M. 242.
S.O. 242.

L.Y.
26/4/42.

Safety valve adjusted
to 220 lbs. but height
has not examined
crank journals.
(See attached letter)
& endorsement
21.5.42



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New York.

41811

Nov. 28, 1941

S/S GULFPENN

good. The boilers examined under steam & their safety valves adjusted as noted above.

The Oil fuel system piping, valves & controls examined under working conditions & found well lighted & in good order.

Hot Repair Two started boiler, fractured section of wrapper plate on started side of Center Combustion Chamber (next to plate lap), cut out & a new section (18" x 38"), of tested steel plate made, fitted, riveted & butt welded.

12 stay bolts renewed.

Minor repairs effected.

[Signature]