

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY

When handed in at Local Office *Feb 27 1940* Port of *New York*
New York Date, First Survey *Feb 17 1940* Last Survey *Feb 17 1940*
 (Number of Visits *1*)
 Gross Tons *548*
 Net Tons *283*
 When built *1919*
 When made *1919*
 When made *1919*
 Owners *American Hawaiian S.S. Co.* Port belonging to *New York*
 Is Refrigerating Machinery fitted for cargo purposes *no* Is Electric Light fitted *yes*

Triple Expansion Reciprocating
 Length of Stroke *48* No. of Cylinders *3* Revs. per minute
 No. of Cranks *3*
 Crank pin dia. *✓* Crank webs Mid. length breadth *✓* Thickness parallel to axis *✓*
 Mid. length thickness *✓* shrunk Thickness around eye-hole *✓*
 Thrust shaft, diameter at collars as per Rule *13 1/32*
 as fitted *✓*
 Screw Shaft, diameter as per Rule *15 3/8*
 as fitted *✓* Is the { tube } shaft fitted with a continuous liner { *✓* }
 as fitted *✓* Thickness between bushes as per Rule *✓* Is the after end of the liner made watertight in the
 as fitted *✓* If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner *✓*
 Is an approved Oil Gland or other appliance fitted at the after end of the tube *✓*
 Length of Bearing in Stern Bush next to and supporting propeller *5-4"*
 No. of Blades *4* Material *hinge* whether Moveable *yes* Total Developed Surface *sq. feet*
 s, No. Diameter Stroke Can one be overhauled while the other is at work
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 "16"
 Pumps connected to the { No. and size { *2-4 1/2" x 21"* } *1-12" x 8 1/2" x 12"*
 Main Bilge Line { How driven { *from main engine* } *Steam*
 "0 1/4" x 12"
 Lubricating Oil Pumps, including Spare Pump, No. and size
 In Holds, &c. *✓*

Bilge Suctions, No. and size *1-12" x 8 1/2" x 12"*
 Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes *yes*
 Are they fitted with Valves or Cocks *yes*
 Are the Overboard Discharges above or below the deep water line *yes*
 Are the Bow Off Cocks fitted with a spigot and brass covering plate *yes*
 How are they protected *yes*
 Have they been tested as per Rule *yes*
 Is it fitted with a watertight door *yes*
 worked from *top of bilge*

OILERS, &c. (Letter for record *yes*) Total Heating Surface of Boilers
 Which Boilers are fitted with Superheaters *yes*
 Working Pressure *210 lbs*
 REPORT ON MAIN BOILERS NOW FORWARDED? *no*
 DONKEY BOILER FITTED? *no*
 If so, is a report now forwarded? *yes*

General Pumping Arrangements *✓* Main Boilers Auxiliary Boilers Donkey Boilers
 Oil fuel Burning Piping Arrangements *✓*

SPARE GEAR.



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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

During inspection
 work in shops -
 Scale
 of work
 done
 during
 inspection
 on
 local
 material -
 Total No. of visits

Dates of Examination of principal parts - Cylinders _____
 Pistons _____ Piston Rods _____ Connecting rods _____
 Crank shaft _____ Thrust shaft _____ Intermediate shafts _____
 Tube shaft _____ Screw shaft _____ Propeller _____
 Stern tube _____ Engine and boiler settings _____ Engines holding _____
 Completion of fitting up connections _____
 Completion of pumping arrangements _____ Boilers fuel _____ Engines fuel _____
 Main boiler safety valves adjusted _____ Thickness of adjusting washers _____
 Crank shaft material _____ Identification Mark _____ Thrust shaft material _____
 Intermediate shafts material _____ Identification Marks _____ Tube shaft material _____
 Screw shaft material _____ Identification Mark _____ Steam Pipes material _____
 Is an installation fitted for burning oil fuel _____ Is the flash point of the oil to be used _____
 Have the requirements of the Rules for the use of oil as fuel been complied with _____
 Is the vessel (not being an oil tanker) fitted for carrying oil as cargo _____ If so, have the requirements of the Rules _____
 If the addition of the Strengthening is desired, state whether the requirements in this respect have been complied with _____
 Is this machinery duplicate of a previous case _____ If so, state name of vessel _____

General Remarks (state quality of workmanship, opinion as to class, &c.)
*Examination made with a view of determining
 Machinery & boiler not opened for examination but ship is in
 better condition than
 last time. Vessel placed in dry dock for repairs, &
 of these kind & few connections found good.
 The machinery & boiler appear to be in good condition
 in my opinion to be classed with the heavy machinery.*

The amount of Entry Fee ... £
 Special ... £
 Donkey Boiler Fee ... £
 Travelling Expenses (if any) ... £

When applied for
 Discharged
 12

Kra
 Engineer

Committee's Minute
 Assigned Transmitted to London
 Note Class contemplated

