

19 AUG 1957

REC'D NEW YORK JUL 22 1957

Rpt. 9

Date of writing report July 19, 1957

Received London

Port Newport News, Va.

No. 7674

Survey held at Newport News, Va.

No. of visits 6

First date July 8, 1957 Last date July 17, 1957

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 72193 S.S. Name "OAKLEY L. ALEXANDER" Gross tons 7751 Date of build 1945
 Owners Pocahontas S. S. Co. Managers Port of Registry Wilming. Dela.
 Engines made Pittsbur By Westinghouse Elec. & Mfg. Co. Type Steam Turbine

a. of Main Engines 1 No. of Screws 1
 b. of Main Boilers 2 W.P.
 c. of Aux./Donkey Boilers - W.P. -
 Surveyed Afloat or in Dry Dock Both
 Nature of Survey Dkg & CS & MBS
 Was Damage Report issued? - Int. Cert.? yes
 Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
100A1	LMC
SS 7-56	Engines CS 7-56
Docking 9-56	Boilers 7-56
	Tail Shaft 6-56
	Steam Pipes 6-52

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

DOCKING Propellers good Wear Down of Stern Bushes 7/32" Oil Glands - Sea Connections good
 Fastenings good Has Screwshaft/Tubeshaft been drawn? no Date of Examination - Has Shaft been changed? -
 Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? - Approved oil gland? -

MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods
 2 Valves & Gears
 3 Connecting Rods, Top Ends & Guides { Side
 Centre
 4 Crankpins & Bearings { Side
 Centre
 5 Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods
 7 Connecting Rods & Top Ends
 8 Crankpins & Bearings
 9 Journals & Bearings
 10 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods
 12 Connecting Rods & Top Ends
 13 Crankpins & Bearings
 14 Journals & Bearings
 15 Levers

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANGUEVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manœuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery and boilers of this vessel so far as now seen are eligible in my opinion to remain as classed with record of Main Boiler Survey 7-57 now, and CS with date when the survey has been completed.

Date of Committee NEW YORK JUL 31 1957
 Decision As now. MBS 7-57

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 Lloyd's Register
 H. G. Saunders
 Engineer Surveyor to Lloyd's Register of Shipping

If certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position) Main Circulating, Good, Aux. Circulating Good. Main Condensate Good. Aux. Condensate Good. Main & Aux. Air Ejectors Good.

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?

35 Fresh Water Coolers 36 Lub. Oil Coolers Upper & lower good 37 Heaters (state service)

38 Independent Air Compressors, Coolers & Safety Devices

39 Air Receivers & Safety devices—Main 40 Auxiliary

41 Oil Fuel Tanks (Not forming part of hull structure)

42 Evaporators 43 Have Evaporator Safety Valves been tested under steam?

44 Steering Machinery good 45 Windlass good 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors good
b Exciters			m Motors good
c Air Coolers			n Switchboards & Fittings good
d Motors			o Circuit Breakers good
e Air Coolers			p Cables good
f Control Gear, Cables, etc.			q Insulation Resistance good
g Insulation Resistance			r Steering Gear Generators and Motors good
h Insulating Oil Test			s Navigation Light Indicators good
i Overspeed Governors			
j Magnetic Couplings			
k Air Gap			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN Port and Stbd. Good AUXILIARY, DONKEY or PRESS

Superheaters Port & Stbd. Good

Safety Valves " " Good

Mountings, Doors & Fastenings Port & Stbd. Good

Safety Valves Adjusted to { Sat. 525 psi
Spt. 480 psi

Boiler Securing Arrangements Port & Stbd Good

Main Economisers Exhaust Gas Heated Economisers -

Steam Heated Steam Generators - Steam Generator Safety Valves Adjusted to -

Were Oil Burning System & Remote Controls examined working in accordance with Rules? coal fired Forced Circulating Pumps -

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel good

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main Auxiliary (over 3 in. bore)

Were Copper Pipes annealed? Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

Now Done Vessel placed in dry dock, propeller, fastenings of stern bush, sea valves with their shell fastenings all examined and found or now placed in good order.

BS Port and stbd boilers examined over all parts, with doors fastenings superheaters mountings and safety valves, and found or now placed in good order. Safety valves adjusted by US Coast Guard Inspector as noted above.

Advancement of Continuous Survey The following items opened up, cleaned, tested and placed in good order.

Main & Aux Condensers; upper & lower lub oil coolers, main & auxiliary circulating and condensate pumps, main and auxiliary air ejectors.

Wear & tear repairs Wearing "E11" and clapper valve of ash ejector renewed main circulating pump casing renewed, one section of pipe between sea valve and pump renewed. Boilers-5 Generating tubes in port boiler renewed Blow down, ship's side valve and connecting pipes to boilers renewed. Brick floors renewed port & stbd boilers Other more minor repairs effected.

LEAVE THIS SPACE BLANK

Survey fees \$120.00

Damage fee

Expenses... 10.00

Date when A/c rendered July 19, 1957

Travelling Expenses (if chargeable)



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Mrs. J. ...
28 AUG 1957