

Rpt. 9

Date of writing report July 19, 1957

Survey held at Newport News, Va.

Received London

No. of visits

19 AUG 1957

REC'D NEW YORK

JUL 22 1957

Port Newport News, Va.

No. 7674

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

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 72193 Name S.S. "OAKEY L. ALEXANDER"

Gross tons 7751 Date of build 1945

Owners Pocahontas S. S. Co.

Managers

Port of Registry Willming. Dela.

Engines made Pittsburg 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. -

urveyed Afloat or in Dry Dock Both

ature of Survey Dkg. & CS & MBS

Was Damage Report issued? - Int. Cert.? yes

ast 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

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

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

Decision

NEW YORK JUL 31 1957
As now. MBS 7-57

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

009920-009923-0020

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)

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD		AUXILIARY EQUIPMENT
a Generators			1 Generators & Governors good
b Exciters			
c Air Coolers			m Motors good
d Motors			
e Air Coolers			n Switchboards & Fittings good
f Control Gear, Cables, etc.			o Circuit Breakers good
g Insulation Resistance			p Cables good
h Insulating Oil Test			q Insulation Resistance good
i Overspeed Governors			r Steering Gear Generators and Motors good
j Magnetic Couplings			s Navigation Light Indicators good
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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