

Rpt. 9

REC'D NEW YORK FEB 1 1960

MZEEB1960

Date of writing report Jan. 29, 1960 Received London Port Jacksonville, Fla. No. 2287
Survey held at Jacksonville, Fla. No. of visits 9 First date Dec. 28, 1959 Last date Jan. 16, 1960

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 01981 Name ~~M.V.~~ "APURE" Gross tons 3164 Date of build 5-1928
Owners EDWARD BENT, S.A. Managers Port of Registry MARACAIBO
Engines made 1928 By PALMERS' CO., LTD. Type T. 6. EYL.

No. of Main Engines 2 No. of Screws 2
No. of Main Boilers 2 W.P. 180 LBS.
No. of Aux./Donkey Boilers - W.P.
Surveyed Afloat or in Dry Dock BOTH
Nature of Survey MBS, SPS & ES
Was Damage Report issued? NO Int. Cert.? YES
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100. A1 Oil Tanker	+IMC
SS(Dr) 6-51, 8-55	ES 8-55
DS 3-58	MBS 3-58
	CLp 3-58
	s 4-57

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 P. 1/8" S. 3/16" 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 of A.C.)	PORT	STARBOARD
1 Cyls., Covers, Pistons & Rods	H.P., I.P. & L.P. - Good	H.P., I.P. & L.P. - Good
2 Valves & Gears	H.P., I.P. & L.P. - Good	H.P., I.P. & L.P. - Good
3 Connecting Rods, Top Ends & Guides	H.P., I.P. & L.P. - Good	H.P., I.P. & L.P. - Good
4 Crankpins & Bearings		
5 Journals & Bearings	No. 1, 2, 3 & 4 - Good	No. 1, 2, 3 & 4 - Good

~~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~~
16
~~SUPERCHARGERS~~
17

~~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 GOOD GOOD
24 INTERMEDIATE SHAFTS & BEARINGS GOOD GOOD
25 HOLDING DOWN BOLTS & CHOCKS GOOD GOOD
26 CONDENSERS (MAIN & AUX.) GOOD GOOD
27 STEAM REHEATERS
28 DE SUPERHEATERS
29 STOP & MANOEUVRING VALVES GOOD GOOD
30 MAIN ENGINE DRIVEN PUMPS (AIR) GOOD GOOD
31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring? YES

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel being in good and efficient condition is eligible, in my opinion, to remain as now classed with fresh record of MBS 1-60, SPS 1-60 and to have notation ES 1-60.

Date of Committee NEW YORK FEB 3 1960
Decision ES 1.60
MBS 1.60 SPS 1.60

Noted for Header



If certificate is required state where to be sent. Edward Bent, S.A., Centro Comercial Las Mercedes, Avenida 4, Maracaibo, Venezuela

32 Essential Independent Pumps (Identify by position) Upper and Lower O.F. Service - good. p. & s. Main Circulator, p. & s. Main Feed - good, General Service - good.

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

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

35 Fresh Water Coolers/ 36 Lub. Oil Coolers 37 Heaters (state service) Feed & O.F. tested - good

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 Good

AUXILIARY ENGINES (Identify by position) Good

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD	AUXILIARY EQUIPMENT	
a Generators		l Generators & Governors	Good
b Exciters		m Motors	-
c Air Coolers		n Switchboards & Fittings	Good
d Motors		o Circuit Breakers	-
e Air Coolers		p Cables	Good
f Control Gear, Cables, etc.		q Insulation Resistance	Good
g Insulation Resistance		r Steering Gear Generators and Motors	-
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 P. & S. January 12, 1960 AUXILIARY, DONKEY or PRESS

Superheaters -

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to (Sat. 180 lbs. Spt.

Boiler Securing Arrangements 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? Yes 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 Copper - tested, good 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)

P. & S. MAIN BOILER: Fire sides and water sides cleaned for examination. All boiler mountings opened up, repaired as found necessary and closed up in good order. Total of 139 defective plain tubes renewed this time. All furnaces trammed, thicknesses checked and found efficient. Boilers hydrostatic tested and safety valves set under steam.

P. & S. MAIN ENGINE: Both engines completely opened up for examination. Two eccentric sheaves machined true and straps remetalled. Necessary keying up of main bearings, top and bottom ends effected as found necessary. Upon completion of repairs engines tested and proven in good order.

ESSENTIAL PUMPS: All opened up and various repairs effected to place them in efficient condition.

Various minor repairs and adjustments effected.

59

ES. 1.60
MBS. 1.60
Sps. 1.60

07.3.60

LEAVE THIS SPACE BLANK

Survey fees ES \$170.00
MBS 80.00
Electr. 50.00

Repair Damage fee 100.00
Expenses... 15.00

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Date when A/c rendered January 29, 1960