

Rpt. 9

Date of writing report 18-7-59

Received London

Port BOMBAY

No. 14064

Survey held at BOMBAY

No. of visits 1

First date and

Last date 17-7-1959

## REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 94389 Name M.V. "PACIFIC BUILDER" Gross tons 12334 Date of build 1933-12

Owners Cia. Mar. Asiatic Panamense S.A. Managers Port of Registry Panama

Engines made Tur. By S.A. Fiat S.G.M. Type 2 SA each 6 Cy.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of Donkey Boilers 2(a) 200 lb. 2(r) W.P. 100 lb.

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Part C.S.

Was Damage Report issued No Int. Cert. Yes

Last Report (For Head Office only)

Hull		Machinery	
+100A1	12-57	+LMC CS	6-54
oil tanker		d	8-57
Reclassified	10-49	TS CL	p&s 10-56
ss Msl	6-54	sps	6-54

Now  
LLST  
Cert.  
only.

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 Wear Down of Stern Bushes Oil Glands Sea Connections

Fastenings Has Screwshaft Tubeshaft been drawn? 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, Side  
Top Ends & Guides 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 Lubricating Oil - Good

Lubricating Oil - Good.

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this ship is eligible in my opinion to remain as classed with fresh record of C.S. (with date) when the survey has been completed

Date of Committee

THURSDAY 6 AUG 1959

Decision

Deferred for comp CS

10m.4.57. T. (MADE AND PRINTED IN ENGLAND.)

Noted  
for  
Header

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J.E. Radcliffe  
Engineer Surveyor to Lloyd's Register of Shipping

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Lloyd's Register  
Foundation

017368-411377-0175



32 Essential Independent Pumps (Identify by position) .....  
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 ..... 37 Heaters (state service) .....  
38 Independent Air Compressors, Coolers & Safety Devices Port - Good  
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 ..... 45 Windlass ..... 46 Fire Extinguishing Arrangements .....  
AUXILIARY ENGINES (Identify by position) Port independent air compressor steam engine - Good.

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

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)  
MAIN ..... AUXILIARY, DONKEY or PRESS .....  
Superheaters .....  
Safety Valves .....  
Mountings, Doors & Fastenings .....  
Safety Valves Adjusted to { Sat. ....  
Spt. ....  
Boiler Securing Arrangements .....  
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? ..... Forced Circulating Pumps .....  
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? ..... Funnel .....

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)  
Please see also the Secretary's letter (Ref. Classan.S dated 1-7-59 ).

The Owners Representative stated that the machinery survey will be completed, concurrent with the Special Survey, on the ship's arrival at a Japanese Port about the end of August.

J.E. Radcliffe.

C.S. Advanced.  
It is submitted that this vessel is eligible to remain as CLASSED.

99

LEAVE THIS SPACE BLANK

4 AUG 1959

Survey fees ... Part C.S. Rs.500/-  
Damage fee ...  
Expenses... Rs.10/-  
Sp.Att.17-7-59 ... Rs.100/-  
Date when A/c rendered 20-7-1959