

Rpt. 9

Date of writing report 2-3-62.

Received London

Port HONG KONG.

No. 16854.

Survey held at Hong Kong.

No. of visits 3

First date 14-2-62.

Last date 26-2-62.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 03640 S.S. "BAYON" Gross tons 998 Date of build 1921.
Owners Cie. de Commerce et de Navigation du Cambodge. Nation Trading Ltd. Port of Registry Phnom-Penh.
Engines made 1921. By Stettin Oderwerke. Stn. Type --
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 SB W.P. 200 lb.
No. of Aux./Donkey Boilers -- W.P. --
Surveyed Afloat or in Dry Dock Both.
Nature of Survey Docking & M.B.S.
Was Damage Report issued? -- Int. Cert.? Yes.
Last Report (For Head Office only)

Hull		Machinery	
100A1	11,60	+LMC	9,59
SS (Dr)	10,59	MBS	11,60
		TS CL	11,60
		SPS	9,59

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 3/16" Oil-Glands -- Sea Connections --
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 of this vessel in so far as now examined is, in our opinion, eligible to remain as now classed in the Register Book, with fresh record of M.B.S. 2,62, now.

Date of Committee

Decision

FRIDAY 6 APR 1962

As now without Specan.
MBS 2.62

D. C. Wood, John Manson, & James I. Mathewson,

Engineer Surveyor to Lloyd's Register of Shipping

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
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 Good.

AUXILIARY ENGINES (Identify by position)

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD		AUXILIARY EQUIPMENT
a Generators			l Generators & Governors
b Exciters			m Motors
c Air Coolers			n Switchboards & Fittings
d Motors			o Circuit Breakers
e Air Coolers			p Cables
f Control Gear, Cables, etc.			q Insulation Resistance
g Insulation Resistance			r Steering Gear Generators and Motors
h Insulating Oil Test			s Navigation Light Indicators
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 & starboard - Good. AUXILIARY, DONKEY or PRESS-
Both - 14-2-62.
Superheaters
Safety Valves Good.
Mountings, Doors & Fastenings Good.
Safety Valves Adjusted to { Sat. 200 lb. per sq. inch.
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? None. 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)

Repairs For Wear & Tear : Main Boilers :
Port Boiler :
4 broken C.C. wrapper plate stays, 1 stay and 14 plain smoke tubes renewed.
26 other leaking plain and stay smoke tubes dealt with by re-expanding or caulking.
Starboard Boiler :
6 broken C.C. wrapper plate stays and 1 plain smoke tube renewed. 9
other leaking plain and stay tubes made tight by re-expanding or caulking.
Mountings on both boilers all generally overhauled and re-conditioned.
Minor repairs or renewals effected as necessary.

LEAVE THIS SPACE BLANK

Survey fees M.B.S. \$384.00

Damage fee ... --

Expenses... \$ 10.00

Date when A/c rendered 2nd March, 1962.

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Foundation