

11 JAN 1960

Rpt. 9

Date of writing report 27th Dec. 1959.

Registered London

Port SINGAPORE.

No. 13693

Survey held at SINGAPORE

No. of visits Four

First date 26/11/59

Last date 7/12/59

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 20041 Name "LUEN HWA"

Gross tons 554 Date of build 8-1945

Owners CIA DE NAV VICTORIA NEPTUNO S.A. Managers

Port of Registry PANAMA

Engines made 8-1945 By AILSA S.B. CO. LTD.

Type T 3 Cy.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 1 SB WP 200 lb.

No. of Aux./Donkey Boilers - WP -

Surveyed Afloat or in Dry Dock Both

Nature of Survey Docking Gen. Exam & MBS

Was Damage Report issued? No Int. Cert. Yes

Last Report (For Head Office only)

BS*with fbd East Indian Archipelago Service.

		MBS*	1/55
Dkg.	12/57	MBS	8/58
SS	1/55	TSOG	12/57
		SPS	1/55

Mchy Aft. OF.

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 foreward.

Docking Propellers Good Wear Down of Stern Bushes Not Taken Oil Glands Good 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? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this ship so far as now seen is eligible in our opinion to remain as classed with fresh record of MBS 12.59.

TUESDAY 9 FEB 1960

Date of Committee

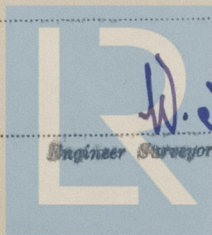
Decision

Deferred for ES

MBS 12.59

40in, 4.57. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Header



Engineer Surveyor to Lloyd's Register of Shipping

Foundation

011251-011258-0321

If certificate is required state where to be sent

33 Essential Independent Pumps (Identify by position) ALL PUMPS - GENERALLY - GOOD.
35 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 Auxiliary
39 Air Receivers & Safety devices—Main 40
41 Oil Fuel Tanks (Not forming part of hull structure)
42 Evaporators 43 Have Evaporator Safety Valves been tested under steam?
44 Steering Machinery Generally- Good. 45 Windlass Generally- Good. 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

PROPULSION		ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT	
		PORT	STARBOARD		
a	Generators			l	Generators & Governors Good
b	Exciters				
c	Air Coolers			m	Motors
d	Motors				
e	Air Coolers			n	Switchboards & Fittings Generally - Good.
f	Control Gear, Cables, etc.			o	Circuit Breakers - Do -
g	Insulation Resistance			p	Cables - Do -
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 Good
Superheaters -
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to { Sat. 200 lb.
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 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)

GENERAL EXAMINATION

A General Examination has now been held in accordance with circular 1959 and all machinery was found to be and stated to be in apparently efficient condition.

All pumps and main machinery examined under working conditions. Steam generators tested for governing and found satisfactory. Main Switchboard clear of earths.

Minor repairs only to boiler mountings.

Survey fees ... \$120 MBS

Damage fee ...

Expenses ...

Date when A/c rendered

31/12/59

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