

Rpt. 9 13/5/61

Date of writing report

Received London

Port DJAKARTA

5862

Survey held at Tandjung Priok

No. of visits 3

First date 10/5/61

Last date 13/5/61

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.E. 54502 Name BONITA S.S. Gross tons 2958 Date of build 3-1924

Owners Pan Norse S. S. Co. S. A. Managers Port of Registry Panama

Engines made 1924 By N. E. Mar. Eng. Co. Ltd. Type Recip. Steam

No. of Main Engines 1 No. of Screws 1 200lbs Records of Survey & Special Notations as per Register Book

No. of Main Boilers W.P.

No. of Aux./Donkey Boilers W.P.

Surveyed Afloat or in Dry Dock Afloat Boiler Repairs

Nature of Survey Was Damage Report issued? Yes Int. Cert.? Yes

Last Report (For Head Office only)

Table with columns Hull and Machinery. Hull items: 100 AI (4.60), SS (4.56), SS (Dr) (5.52), Ex-Garuion-58, Ex-Nerva-50. Machinery items: LMC (4.56), MBS (5.60), CL (4.60), sps (4.56).

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, 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

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

19 STEAM COMPRESSORS

20 CLUTCHES & HYDRAULIC COUPLINGS

21 REDUCTION GEARING

22 THRUST BLOCKS, SHAFTS & BEARINGS

23 INTERMEDIATE SHAFTS & BEARINGS

24 HOLDING DOWN BOLTS & CHOCKS

25 CONDENSERS (MAIN & AUX.)

26 STEAM RE-HEATERS

27 DE-SUPERHEATERS

28 STOP & MANOEUVRING VALVES

29 MAIN ENGINE DRIVEN PUMPS

30 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 in good & safe working condition & eligible in my opinion to be continued as classed

without fresh record of survey, subject to all conditions at present attached to the Vessels

class/as previously recommended.

being dealt with

Date of Committee

Decision Deferrea for SS (dry dock) + undocking (subject horn)

40m.3.58 T. (MADE AND PRINTED IN ENGLAND)

Water down



Has a Survey also been held (in Ship)? If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent

AB2
C2
D82
E2
F2
G2
H2
I2
J2
K2
L2
M2
N2
O2

This Certificate is issued upon the understanding that neither the Society nor its members are in any way liable for any error of judgment, default or omission on the part of the Surveyors or the Ship's Officers.

- 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.....

AUXILIARY ENGINES (Identify by position)

| PROPULSION | ELECTRICAL EQUIPMENT | | AUXILIARY EQUIPMENT |
|----------------------------------|----------------------|-----------|--|
| | PORT | STARBOARD | |
| 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 | 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)

Port Boiler:

Back end plate found cracked & leaking below the centre & the port manhole apertures as result of mechanical grooving.

The centre grooving was now veed out internally & externally & electrically welded for some 36" & 24" respectively.

The port grooving was also now veed out internally for some 12" & EW.

The Port Boiler was subsequently examined under working conditions & found in order.

LEAVE THIS SPACE BLANK

| | | | |
|------------------------|-----|---------|----------|
| Survey fees | Rp. | 1800 | |
| 10 % Govt. Tax | | 180 | Rp. 125 |
| Damage fee | | | 1250 |
| Expenses... | | 450 | |
| | Rp. | 2430 | Rp. 1575 |
| Date when A/c rendered | | 13/5/61 | |

