

Rpt. 9

Date of writing report 14.9.59

Survey held at Piraeus

Received London 21 SEP 1959

No. of visits 4

Port of Piraeus

First date 9.8.59

Last date 22.8.59

No. 8151

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 07360 S.S. "COLUMBIA"

Owners Neptunia Shipping Co.S.A.

Engines made Bel. By Harland & Wolff Ltd.

No. of Main Engines 3 No. of Screws 3

No. of Main Boilers 6SB W.P. 215lbs.

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

Surveyed Afloat or in Dry Dock Both.

Nature of Survey DS, MBS, G.E. for voyage to Japan as an unclassified ship

Was Damage Report issued? - Int. Cert.? Yes.

Last Report (For Head Office only)

Gross tons 8473 Date of build 1913

Port of Registry Panama

Type T 8Cy. (2)x

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100A1	+LMC
awning dk. with fbd.	E.S. 4,54
S.S. (Dr.) 10,49	MBS 3,57
S.S. 4,54	TS CL p. & s. 2,57
D.S. 2,57	c 3,56
LAID UP-SURVEYS OVERDUE	

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

Fastenings Good

Wear Down of Stern Bushes P 25 C 3 S 3 2 Oil Glands

Has Shaft now fitted been previously used? -

Date of Examination -

Sea Connections -

MAIN ENGINES (Recip. Steam or I.C.)

Has Shaft now examined/fitted a continuous liner? -

Has Shaft been changed? -

Approved oil gland? -

1 Cyls., Covers, Pistons & Rods

PORT

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

OPINION OF MACHINERY AND RECOMMENDATIONS UNCLASSIFIED SHIP.

Have Main Engines been tested working and manoeuvring? Yes.

TUESDAY 20 OCT 1959

Date of Committee

Decision

Deferred

50m, 6, 56. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping

002907-002915-0123

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- 32 Essential Independent Pumps (*Identify by position*) .....
- 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? ..... Good
- 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 ..... Good
b Exciters .....			m Motors ..... Good
c Air Coolers .....			n Switchboards & Fittings ..... Good
d Motors .....			o Circuit Breakers ..... Good
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 fwd.p.c.&amp;s., aft p.c. and s.9.8.59 - Good.

AUXILIARY, DONKEY or PRESS .....

~~Superheaters~~ .....

Safety Valves ..... Good

Mountings, Doors & Fastenings ..... Good

Safety Valves Adjusted to { Sat. 215 lbs./sq.in.  
Spk

Boiler Securing Arrangements ..... Good

~~Main Economisers~~ .....~~Exhaust Gas Heated Economisers~~ .....~~Steam Heated Steam Generators~~ .....~~Steam Generator Safety Valves Adjusted to~~ .....

Were Oil Burning System &amp; 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*)

All main machinery, auxiliary machinery were generally examined, tried under working conditions and found in order. A satisfactory sea trial also held. (Your letter to the Owners 30th July, 1959 re: Classn. (S) AH/PL).

The above items were examined and found in my opinion in satisfactory condition for Voyage to Japan as an unclassified vessel under her own power.

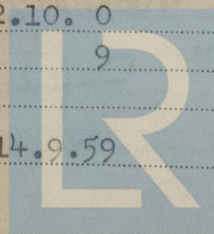
SR

LEAVE THIS SPACE BLANK

Survey fees ..... £155. 0. 0  
Sunday Fee ..... 7. 0. 0

Damage fee .....  
Expenses ..... 2.10. 0  
Stamps ..... 9

Date when A/c rendered ..... 14.9.59



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