

21 DEC 1959

Rpt. 9

Date of writing report 4th Dec., 1959

Survey held at Trieste

Received London

14 DEC 1959

No. of visits five

Port TRIESTE

No. 15088

First date

Last date 23rd Nov., 1959

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 3394 S.S. "NORTH RIVER"

Owners Cia. Atlantica Pacifica S.A. Ltd.

Engines made 1944 By Fairfield Co., Ltd.

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 2 W.P. 220 lbs.

No. of Aux. Boilers 1 W.P. 220 lbs.

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Compl. ABS- MBS & Boiler repairs

Was Damage Report issued? no Int. Cert.? yes

Last Report (For Head Office only)

Managers

Gross tons 1054

Date of build 1944 - 12

Port of Registry Monrovia

Type T. 3 cy.

Records of Survey & Special Notations as per Register Book

Hull		Machinery	
+100 A1	DS 6,58	+LMC	2,57
With freeboard		MBS	6,58
SS	2,57	ABS	6,58
		CL	2,57
		SPS	2,57
O.F.	10,47		

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

Connecting Rods & Top Ends

Crankpins & Bearings

Journals & Bearings

Levers

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

12 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

VALVES & HYDRAULIC COUPLINGS

REDUCTION GEARING

CRANK BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOISTING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

WATER RE-HEATERS

STEAM & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

ACCESS DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

CONDITION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel so far as now seen is in good condition and is in my opinion to remain as classed with fresh record of ABS-6,59 and MBS-9,59 as previously recommended now, subject as previously recommended, but without condition of class regarding centre furnaces starboard main boiler now dealt with.

Date of Committee

TUESDAY - 5 JAN 1960

Decision

MBS 9,59 subject
ABS 6,59

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

NOTED FOR POSTING

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping

Foundation

003788-003799-0152

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.....

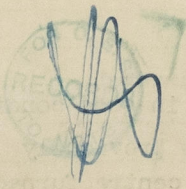
AUXILIARY ENGINES (Identify by position).....
.....
.....

		ELECTRICAL EQUIPMENT	
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators.....			i 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 : 18.11.59 Good AUXILIARY, DONKEY or PRESS.....
.....
Superheaters none
Safety Valves good
Mountings, Doors & Fastenings good
Safety Valves Adjusted to { Sat. 220 lbs/sq.inch
Spt. 220 lb/sq.inch
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)
Port Main Boiler:- Lower outboard furnace found bulged on the 3rd, 4th and 5th corrugation for about 4".
Drilling test carried out on the furnace and found 17 mm. thickness. This furnace has been faired and on completion calibrated satisfactorily.
Port outboard combustion chamber :- 5 stays between combustion chamber and shell plate renewed because of wastage.
Starbd. Main Boiler :- (Please see Trieste Rpt. N°.15036).
The two centre furnaces have now been jacked back satisfactorily. The subject of class made to this boiler in the above report number should now be deleted.
S.R.L. (N°.172):- "ABS - 6,59 on completion". Survey now completed.



LEAVE THIS SPACE BLANK

MBS Survey fees Lit 20 000.
B&B. exps " 10 000.
Damage fee Alate fee 5,000 —
Expenses... 5,700
Rev Tax 1.221
Date when Alc rendered 9/12/59