

Rpt. 9

Date of writing report 2nd October 1959

Survey held at Lisbon

Received London

No. of visits 2

Port LISBON

First date 16-9-59

Last date 21st

## REPORT OF PERIODICAL SURVEYS &amp; REPAIRS OF MACHINERY

No. in R.B. 28713 Name M.V. SAMIRO

Gross tons 7369 Date of build 1-194

Owners SOPONATA-Soc. Port. de Nav. Tanques, Lda. Managers

Port of Registry LISBON

Engines made Cpn By Burmeister &amp; Wain

Type Oil Engine

No. of Main Engines 1 No. of Screws 1

Records of Survey &amp; Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of Aux./Donkey Boilers 3 W.P. 180 lb

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Compl. D.B.S., C.S.

Was Damage Report issued? No Int Cert.? Yes

Last Report (For Head Office only)

Hull	Machinery
+100A1	+L.M.C. CS 11-56
oil tanker	d 1-58
8-58	Ts (OG) 8-58
SS. 11-56	

The condition 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 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 &amp; Rods

2 Valves &amp; Gears

3 Connecting Rods, Top Ends &amp; Guides { Side Centre

4 Crankpins &amp; Bearings { Side Centre Nos. 1 and 6 Good

5 Journals &amp; Bearings

## MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons &amp; Rods

7 Connecting Rods &amp; Top Ends

8 Crankpins &amp; Bearings

9 Journals &amp; Bearings

10 Coolers &amp; Safety Devices

## MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons &amp; Rods

12 Connecting Rods &amp; Top Ends

13 Crankpins &amp; Bearings

14 Journals &amp; Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

## MAIN TURBINES

18 Casings, Rotors, Blading, Bearings &amp; Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES &amp; HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS &amp; BEARINGS

24 INTERMEDIATE SHAFTS &amp; BEARINGS

25 HOLDING DOWN BOLTS &amp; CHOCKS

26 CONDENSERS (MAIN &amp; AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP &amp; MANŒUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS &amp; EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manœuvring? No

## OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel so far as now surveyed is in good order and eligible in my opinion to remain as classed with fresh record of Survey DBS 5-59 now and C.S. with date when the Survey is completed subject as previously recommended to the auxiliary condenser water end box being renewed by 5-60 (12 months limit) and to the Donkey boiler furnaces being specially examined at the next boiler Survey.

Date of Committee

Decision

TUESDAY - 3 NOV 1959

DS 7.59 subject (h.m.)

DBS 5.59

M M

Noted  
for  
HeaderNOTED FOR  
POSTING

Engineer Surveyor to Lloyd's Register of Shipping

E. A. Pickering

Lloyd's Register  
Foundation

004718-004726-0199

If certificate is required state where to be sent



ent Pumps (Identify by position)

Oil Fuel Suction Lines, Fittings & Controls

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	
PORT	STARBOARD		AUXILIARY EQUIPMENT
a Generators			l Generators & Governors
b Exciters			
c Air Coolers			m Motors
d Motors			
e Air Coolers			n Switchboards & Fittings
f Control Gear, Cables, etc.			o Circuit Breakers
g Insulation Resistance			p Cables
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 each boiler)

MAIN AUXILIARY, DONKEY or PRESS Stard 16-9-59  
Superheaters -  
Safety Valves Good  
Mountings Doors & Fastenings Good  
Safety Valves Adjusted to { Sat. 180 lb/in.sq.  
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)

SRL re donkey boiler furnaces - Stard boiler furnaces specially examined and gauged at this time and found to remain efficient  
It is recommended that this subject of class be continued.

Circular 2144 Description of boilers in Register Book

It is considered that this vessel should be designated as having Auxiliary Boilers as all bilge and standly pumps are direct acting steam type.

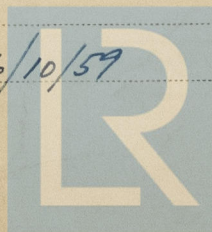
Machinery Numeral (1015) in Appendix to RB

Owners engine builders manual gives max. SHP as 4400 i.e. MN = 880

LEAVE THIS SPACE BLANK

Survey fees ... Comp. DBS. 1,120\$00  
Part C.S. 600\$00  
Damage fee ...  
Expenses.. ... 150\$00

Date when A/c rendered 6/10/59



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