

Rpt. 9

Date of writing report 5<sup>th</sup> April 1960

Received London

Port CADIZ

No. 2947

Survey held at SEVILLE

No. of visits 6

First date 7-3-60

Last date 5-4-60

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

No. in R.B. 05614 Name S.S. CAMPECHANO

Gross tons 4722 Date of build 1913-6

Owners COMANIA ARRENDATARIA DEL Managers MONOLIO DE PETROLIO S.A. Port of Registry SANTANDER

Engines made 1913-6 By HANKIN &amp; BLACKMORE Type TRIPLE EXPANSION RECIPROCATING

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 3 W.P. 180 lb

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

Surveyed Afloat or in Dry Dock Both

Nature of Survey D.S. B.S. Gen. En.

Was Damage Report issued? No Int. Cert.?

Last Report (For Head Office only)

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

Hull	Machinery
+100 A.I. OIL TANKER FP	+LMIC
ABOVE 150°F.	E.S.
S.S.	MBS
D.S.	TS
	S.P.S

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 Wear Down of Stern Bushes 2.75 mm Oil Glands - Sea Connections good

Fastenings good Has Screwshaft Tubeshaft been drawn? No Date of Examination - Has Shaft been changed? No

Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? No Approved oil gland? -

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

1 Cyls., Covers, Pistons &amp; Rods HP, IP, &amp; LP G.O.P.

2 Valves &amp; Gears

3 Connecting Rods, Side

Top Ends &amp; Guides Centre

4 Crankpins &amp; Side

Bearings Centre

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

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES &amp; HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS &amp; BEARINGS

INTERMEDIATE SHAFTS &amp; BEARINGS

HOLDING DOWN BOLTS &amp; CHOCKS

CONDENSERS (MAIN &amp; AUX.) ANY CONDENSER - CLEANED, TESTED, - good

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP &amp; MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS &amp; EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring? yes

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as seen is in good order and is eligible in my opinion to remain as classed and to have renewal of M.B.S. 4-1960.

The Owners request for deferment of Special Survey, in my opinion merits the favourable consideration of the Committee.

NOTE APPENDIX 70 S.R.L. L.P. Cyl. REPAIRED.

Date of Committee TUESDAY 31 MAY 1960

Decision MBS 4-60

40m,3,58 T. (MADE AND PRINTED IN ENGLAND.)

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John Doyle

Engineer Surveyor to Lloyd's Register of Shipping

Foundation

002883-002890-0207



- 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)..... BOTH OIL FUEL UNIT HEATERS - TESTED
- 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.....			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..... GOOD -
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, STARBOARD, FORWARD, - GOOD	AUXILIARY, DONKEY or PRESS
Superheaters.....		
Safety Valves.....	GOOD	
Mountings, Doors & Fastenings.....	GOOD	
Safety Valves Adjusted to { Sat. ALL 180 lbs/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?.....		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)

H.P. Guide plate, port side, now renewed  
Steam boiler, several plug holes renewed  
Other minor repairs effected.

General examination. Main and auxiliary machinery generally examined, electrical installation generally examined, insulation resistance tested, minor repairs on board, the general condition of machinery found satisfactory.

In my opinion no objection should be taken to the Owners' proposal to defer the Special Survey of Machinery for twelve months.

M.B.S. due 3/60, was held. 4/3/60 approval, ES due 4/60, postponed of ES, provided G.E. held.

G.E. held. Docking, repairs.

It is submitted that this vessel is eligible for THE RECORD M.B.S. 4/60.

It is further submitted that postponement of the ES until 4/61 meets approval.

LEAVE THIS SPACE BLANK

Survey fees

M.B.S.

Plus: 8640

General Examination Plus: 3,000

Damage fee

TRAV. Expenses...

Plus 2,000

SUB

Plus 350

Date when A/c rendered

18-4-60

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