

Rpt. 9

Date of writing report 29 - 9 - 61.

Survey held at Rio de Janeiro.

Received London

No. of visits 10.

Port Rio de Janeiro.

No. 8110

First date 15 - 7 - 60 Last date 23 - 5 - 61.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. - Name S.S. "ILHA GRANDE" ex-"SANTA CECILIA" ex-"SILVER" Gross tons 7243 Date of build 1943-12
Owners Petroleo Brasileiro S/A Petróleo Managers - Port of Registry Rio de Janeiro
Engines made By Canadian Algis Chalmers Ltd. Type Triple expansion

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 2 WT W.P. 250 lbs SPT 230 lbs

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

Surveyed Afloat or in Dry Dock Both

Nature of Survey Reclassification

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

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
RECLASSIFICATION	
(+100A1 with freeboard)	(+IMC)
Carrying homogeneous cargo of petroleum in bulk.	
Fitted for OF 2/43 FP above 150°F.	

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 Rewooded Oil Glands Sea Connections GOOD
Fastenings GOOD Has Screwshaft Tubeshaft been drawn? Yes Date of Examination 3.11.60 Has Shaft been changed? NO
Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? Yes Approved oil gland? -

MAIN ENGINES (Recip. Steam IMC) ~~PORT~~
1 Cyls., Covers, Pistons & Rods All GOOD
2 Valves & Gears All GOOD
3 Connecting Rods, Top Ends & Guides All GOOD
4 Crankpins & Bearings All GOOD
5 Journals & Bearings All GOOD

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

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS GOOD

24 INTERMEDIATE SHAFTS & BEARINGS GOOD

25 HOLDING DOWN BOLTS & CHOCKS GOOD

26 CONDENSERS (MAIN & AUX.) GOOD

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES GOOD

30 MAIN ENGINE DRIVEN PUMPS GOOD

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring? yes

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel as now surveyed is in good working order and in our opinion is eligible to be reclassified +IMC and to have the records of ES 5/61, MBS 5/61, TS CL 11/60, and SPS 5/61.

FRIDAY - 9 MAR 1962

Date of Committee

Decision

50m, 6.56. T. (MADE AND PRINTED IN ENGLAND.)

+ Lmc. ES. 5.61

TS(CL) 11.60 MBS. 5.61

SPS. 5.61.

Engine Surveyor to Lloyd's Register of Shipping
J. F. Thirlaway & S. Dinnen
for self and P. N. Tanner.

Lloyd's Register
Foundation

002816-002824-0289

32 Essential Independent Pumps (Identify by position) Port Main Circ. Pump, Port Outboard and Inboard Main Feed Pumps, CF Transf. Pump, GS Pumps, Both FO pressure Pumps, Ballast Pump.
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) Feed GOOD
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 GOOD 43 Have Evaporator Safety Valves been tested under steam? Yes
44 Steering Machinery GOOD 45 Windlass GOOD 46 Fire Extinguishing Arrangements GOOD

AUXILIARY ENGINES (Identify by position)

Starboard side engine ER flat Outboard centre and inboard
generators GOOD
Fan engine Emergency Diesel generator GOOD

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors GOOD
b Exciters			m Motors NONE
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 Starboard 29:10:60 AUXILIARY, DONKEY or PRESS
Port 15:10:60
Superheaters GOOD
Safety Valves GOOD
Mountings, Doors & Fastenings GOOD
Safety Valves Adjusted to Sat. 250 lbs/sq.in.
Spt. 230 lbs/sq.in.
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 Efficient

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main Steel GOOD Auxiliary (over 3 in. bore) NONE
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)

Main and auxiliary machinery and pumps overhauled and found or placed in good order.

Pumping and piping arrangements placed in accordance with Chapter E section 12 and
fire fighting arrangements in accordance with Chapter F and circular 2032 of the
Rules.

Electrical installation brought up to the requirements of the Rules.

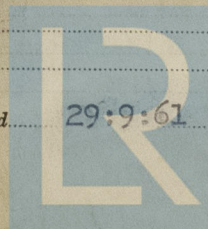
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Survey fees ES. 107.000,00
MBS 34.000,00
TS CL 10.000,00
Elec. 20.000,00

Damage fees

Expenses

Date when A/c rendered 29:9:61



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