Rpt. 9

Date of writing report 14.1.58 Received London 21 JAN 1958 Port of Piraeus No. 7390

Survey held at Piraeus No. of visits 10 First date 10.10.57 Last date 14.12.57

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 40771 Name ~~MV~~ S.S. "PARCORALI" Gross tons 3727 Date of build 3-1930

Owners Cia.De Vapores Corali Ltda. Managers Port of Registry Monrovia

Engines made Gls. By D.& W.Henderson & Co.Ltd. Type T 3Cy.

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 2SB W.P. 210lbs.

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

Surveyed Afloat or in Dry Dock Both.

Nature of Survey ES.,BS.,SPS.,& O.F.Conv.

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

Last Report (*For Head Office only*)

Records of Survey & Special Notations as per Register Book

Hull		*Machinery*	
	BS*	MBS*	5,54
	5,57	MBS	7,57
ss(Dr.)	5,54	TS CL	5,57
		SPS	5,54

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 ~~XX~~ 1/8" Oil Glands - Sea Connections Good

Fastenings Good Has Screwshaft ~~Tailshaft~~ been drawn? No. 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 ~~XXX~~) ~~PORT~~ ~~STARBOARD~~

1 Cyls., Covers, Pistons & Rods All - Good

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 ~~Valves~~

16 ~~SCAVENGE BLOWERS~~

17 ~~SUPERCHARGERS~~

~~MAIN TURBINES~~

18 ~~Casings, Rotors, Blading, Bearings & Thrust~~

19 ~~EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)~~

20 ~~STEAM COMPRESSORS~~

21 ~~CLUTCHES & HYDRAULIC COUPLINGS~~

22 ~~REDUCTION GEARING~~

23 THRUST BLOCKS, SHAFTS & BEARINGS Good

24 INTERMEDIATE SHAFTS & BEARINGS Good

25 HOLDING DOWN BOLTS & CHOCKS Good

26 CONDENSERS (MAIN & AUX.) Good (TESTED)

27 ~~STEAM RE-HEATERS~~

28 ~~DE-SUPERHEATERS~~

29 STOP & MANŒUVRING VALVES Good

30 MAIN ENGINE DRIVEN PUMPS Bilge,feed,air.Good.

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES - Have Main Engines been tested working and manœuvring? Yes.

OPINION OF MACHINERY AND RECOMMENDATIONS The Machinery of this vessel is eligible in my opinion to remain as now classed in the Register Book with fresh records of ES 12,57,MBS 12,57, SPS 12,57 and "Fitted for Oil Fuel 12,57 FP above 150° F"

TUESDAY 11 FEB 1958

Date of Committee

Decision ES 12,57 MBS 12,57 SPS 12,57 OF 12,57

If certificate is required state where to be sent.

Engineer Surveyor to Lloyd's Register of Shipping

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

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32 Essential Independent Pumps (*Identify by position*) All - Good

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? Yes.Good.

35 ~~Feed Water Heater~~ 36 ~~Air Compressors~~ 37 Heaters (state service) Feed & Oil Fuel.Good.Tested.

38 ~~Refrigerating Compressors, Coolers & Safety Devices~~

39 ~~Air Receivers~~ 40 ~~Auxiliary~~

41 ~~Oil Fuel Tanks (Capacity and position of each)~~

42 Evaporators Good 43 Have Evaporator Safety Valves been tested under steam? 25 lbs./sq.in. - Good.

44 Steering Machinery Good 45 Windlass Good 46 Fire Extinguishing Arrangements Yes.-Good.

AUXILIARY ENGINES (*Identify by position*) Port and stbd.sides - Good.

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD
a Generators		
b Exciters		
c Air Coolers		
d Motors	-	
e Air Coolers		
f Control Gear, Cables, etc.		
g Insulation Resistance		
h Insulating Oil Test		
i Overspeed Governors		
j Magnetic Couplings		
k Air Gap		

AUXILIARY EQUIPMENT	
l Generators & Governors	Good
m Motors	-
n Switchboards & Fittings	Good
o Circuit Breakers	"
p Cables	"
q Insulation Resistance	"
r Steering Gear Generators and Motors	-
s Navigation Light Indicators	Good

BOILERS OPENED UP & EXAMINED (*Identify by position and state latest date of internal examination of each boiler*)

MAIN Port & Stbd.3.12.57 - Good

~~AUXILIARY, DONKEY or FIELD~~

~~Superheaters~~

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to Sat. 210 lbs./sq.in. / ~~Spt.~~

Boiler Securing Arrangements Good

~~Steam Generator Safety Valves Adjusted to~~

Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes.

~~Forced Circulating Pumps~~

Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (*State material*)

Main Steel -Good (Tested)

Auxiliary (over 3 in. bore) -

~~Were Copper Pipes 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*)

W.& T.repairs.
Weir Feed pump,water end liner renewed.Steam and water pistons skimmed.
Forced draught fan spare piston rod and piston now fitted.
Port generator bottom end and main bearings now remetalled,found badly scored and cracked.
O.F.Conversion:- Conversion from coal to O.F.now carried out in accordance with approved plans 5.10.57 and Secretary's letter re.Eng.5.10.57.(except as below)
O.F.Unit pumps and heaters Hamworthy Type contract 626 Lloyd's tested HR 3.7.57
Observation tank now fitted.
All lead piping removed from engine and boiler rooms and steel piping fitted and tested in accordance with the Society's Rules.
Heating coils(seamless steel),Hot oil seamless steel and F.O.filling(steel) pipes now fitted as per approved drawings and tested in accordance with the Rules.
Fire Extinguishing arrangements:-
Steam smothering pipes 2" dia.galvanised now fitted under boiler fronts and in way of O.F.units pump.

Continued/...

LEAVE THIS SPACE BLANK

Survey fees ... £ ~~132.10.0~~ 157.10. 0.

Damage fee ...

Expenses... ... 3.19. 6.
Stamps 9.

Date when A/c rendered 20.12.57

Rpt. 9a

Port of Piraeus *Continuation of Report No.* 7390 *dated* 14th January,1958 *on the*

S.S."PARCORALI"

Drip trays fitted under boiler fronts:- 2-2 gal.fire extinguishers and 1-10 gal.foam extinguisher now fitted.
Water service pipe now fitted 2½" dia. pipe having 2 hydrants each with a hose and combine jet/spray nozzle.
2 sand boxes with scoops total capacity 27 cu.ft. now fitted p.& stbd.
Extended spindles fitted on suction valves of bunkers and settling tanks,also on steam muster valves of O.F.transfer and unit pumps:Forced draught fan and steam smothering arrangements all operated from outside casing.
Damper in funnel now removed.

No.3 tank now subdivided to make No.4 D.B.tank oil tight for carriage of oil fuel. Plans of this alteration did not come to hand until after completion of work and are enclosed herewith.

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