

27 SEP 1962

Rpt. 9

Date of writing report 20-9-62
Survey held at Barcelona

Received London
No. of visits 6

Port BARCELONA No. 7640
First date 16-8-62 Last date 6-9-62

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 55849 S.S. "CAMPOSINES" Gross tons 6170 Date of build 1923-6
Name M.V. Owners CAMPSPA Managers Port of Registry Cadiz

Engines made 1923 By Wallsend Slipway Type 2 steam turbines

No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 SB W.P. 220 lbs

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

Surveyed Afloat or in Dry Dock afloat

Nature of Survey MBS - Rep

Was Damage Report issued? Int. Cert.? yes

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100A1 Oil Tanker	+LMC 9,59
DS 11,61	MBS 11,61
SS (Dr) 9,59	TS CL 9,60
Reclassified 9,59	sps 9,59

no

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.

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

DOCKING Propellers good Wear Down of Stern Bushes 5.5 mm Oil Glands - Sea Connections -

Fastenings good Has Screwshaft/Tubeshaft 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 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

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

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

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel so far as now seen is in good and safe working condition and eligible in my opinion to remain as classed with fresh record of MBS 9,62.

Date of Committee MONDAY 15 OCT 1962

Decision as now MBS 9,62

20m,10,61 T. (MADE AND PRINTED IN ENGLAND)

Noted for Header



011294-011303-0072

If certificate is required state where to be sent.

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).....

PROPULSION	ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT
	PORT	STARBOARD	
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.....
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 P & S 21-8-62 good AUXILIARY, DONKEY or PRESS.....
 Superheaters.....
 Safety Valves..... good
 Mountings, Doors & Fastenings..... good
 Safety Valves Adjusted to { Sat..... 220 lbs
 { 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)
 REPAIRS. Starboard Boiler - Inboard combustion chamber, found signs of leaking and heavy caulking in way of connection of lower side of tube plate and furnace flange at starboard side. Lower side of tube plate cropped and defective portion including flange joining starboard side plate removed. Furnace flange in way dressed up. A new piece of plate hot forge flanged fitted. Butts welded and seam to side plate and furnace flange connection riveted. Approx 30 defective rivets in way of furnace flange connection to tube plate in outboard and centre combustion chambers renewed. Port Boiler Approx 50 defective rivets in way of furnace flange connection to tube plate in centre and inboard furnaces renewed. Approx 18 plain smoke tubes renewed in P & S boilers. On completion of repairs P. and S. boilers tested hydraulically to the pressure of 235 p.s.i. and all found tight. Windlass - Steam cylinder body renewed. Identification marks as follows: Lloyd's Caz. No 1774 PH 15 kgs 2-9-59. Surveyors stamp indecipherable. Windlass examined under working conditions and found good.

LEAVE THIS SPACE BLANK

Survey fees MBS 3.960.-
 Repairs 2.500.-
 Damage fee ..
 Expenses... 180.-

Date when A/c rendered 20-9-62

