

Rpt. 9

Date of writing report 6th July, 1960
Survey held at TRIESTE

Received London
No. of visits 2

Port TRIESTE No. 15247
First date 28th June, Last date 30th June, 1960

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 02142 Name S.S. "ARENA"
 Owners Cia de Nav. y Financiera Navicox S.A. Managers -
 Engines made 1919 By Wilton's Eng. & Slipway Co. Type T 3 cy.
 No. of Main Engines 1 No. of Screws 1
 No. of Main Boilers 2SB W.P. 180 lb
 No. of Aux./Donkey Boilers - W.P. -
 Surveyed Afloat or in Dry Dock Afloat
 Nature of Survey Completion of MBS
 Was Damage Report issued? No Int. Cert.? Yes
 Last Report (For Head Office only)

Gross tons 1754 Date of build 4 - 1919
Port of Registry Panama

Records of Survey & Special Notations as per Register Book

Hull		Machinery	
+100 A1	- DS 4,59	+LMC	- 2,57
S.S.	- 2,57	MBS	- 2,59
(Dr)	- 6,52	TS CL	- 7,58
		Sps	- 2,57

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 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 & 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

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

- 18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

OPINION OF MACHINERY AND RECOMMENDATIONS

Have Main Engines been tested working and manoeuvring? The machinery of this vessel as now surveyed is in good order and eligible in my opinion to remain as classed with record of 'MBS - 3,60' now, subject as previously recommended.

Date of Committee
Decision

TUESDAY 9 AUG 1960

MBS 3,60 subject

Noted for Header

[Signature]
 Engineer Surveyor to Lloyd's Register of Shipping

19 OCT 1960

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).....

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
g	Insulation Resistance		r Steering Gear Generators and Motors
h	Insulating Oil Test		s Navigation Light Indicators
i	Overspeed Governors		
	Magnetic Couplings		
k	Air Gap		

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

MAIN..... AUXILIARY, DONKEY or PRESS.....

Superheaters.....

Safety Valves.....

Mountings, Doors & Fastenings.....

Safety Valves Adjusted to { Sat. 180 lbs/sq.inch. port & Starbd.boilers
Spk

Boiler Securing Arrangements.....

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.....

Were Oil Burning System Pipes in cylindrical boiler smoke boxes been examined as required by Rules?..... Funnel.....

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been tested?.....

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main..... Auxiliary (over 3 in. bore).....

Were Copper Pipes at..... Have Saturated Pipes in cylindrical boiler smoke boxes been tested?.....

EFFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subject to examination)

Interim Certificate on board dated 2/6/60 and issued at La Spezia stated both boilers to be examined under steam and their safety valves adjusted also to lower aft stay etc. of port boiler to be renewed for completion of B.S.

Now done for Completion of M.B.S.:

The port and starbd. main boilers examined under steam and their safety valves adjusted.

Repairs Port Boiler: Lower aft C.C. stay renewed between centre and inboard combustion chambers.

LEAVE THIS SPACE BLANK

Compl. Blr. Surv. & Rps. Lit 12.000-
Survey fees

Damage fee

Expenses ... 7.800-
Rev. Tax 3% 594-

Date when A/c rendered 11.7.60

