

Rpt. 9

Date of writing report 6th July, 1960
Survey held at TRIESTEReceived London
No. of visits 2

Port TRIESTE

First date 28th June, Last date 30th June, 1960

No. 15247

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.
 Engines made 1919 By Wilton's Eng. & Slipway Co.
 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
 Type T 3 cy.

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, Side
 Top Ends & Guides Centre

4 Crankpins & Side
 Bearings 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

OPINION OF MACHINERY AND RECOMMENDATIONS

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

MAS 3,60 subject

Noted
for
Header

Engineer Surveyor to Lloyd's Register of Shipping

50m, 4.59 T. (MADE AND PRINTED IN ENGLAND)

002477-002484-0149

Lloyd's Register
Foundation

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

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.....

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel.....

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

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

Were Copper Pipes sealed?..... 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 wear and tear)

PARTICULARS OF 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 be renewed for completion of B.S.

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

The port and starbd.mainboilers 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

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