

Date of writing report 22/3/58
Survey held at Baltimore, Md.
Received London
No. of visits 7
RECD NEW YORK MAR 31 1958
Port Baltimore, Md.
First date 24/2/58
Last date 5/3/58
No. 11362

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

in R.B. 19516 S.S. "MARCELLA"
Gross tons 3483 Date of build 1920
Cia Panamena Marittima Managers San Gerassima S.A. Port of Registry PANAMA
Engines made 1920 By Bethlehem S.B. Corp., Ltd. Type T 3 Cy. 22" 37 1/2" & 68" x 42"
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 W.P.
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock both
Duration of Survey DD.
Is Damage Report issued? No Int. Cert.? Yes
Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull		Machinery	
100A1		LMC	
DS	3-57	ES	5-56
SS	(Jck.) 5-56	MBS	5-57
		TS (CL)	4-56
		Sps.	5-56

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 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.

LOCKING Propellers good Wear Down of Stern Bushes 7/32" Oil Glands - Sea Connections good
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

Cyls., Covers, Pistons & Rods
Valves & Gears

Connecting Rods, Side
Top Ends & Guides Centre
Crankpins & Bearings Side
Centre

Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

Cyls., Covers, Pistons & Rods
Connecting Rods & Top Ends
Crankpins & Bearings
Journals & Bearings
Valves & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

Cyls., Covers, Pistons & Rods
Connecting Rods & Top Ends
Crankpins & Bearings
Journals & Bearings
Valves

SCAVENGE BLOWERS

PERCHARGERS

IN TURBINES

Cyls., Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

AM COMPRESSORS

ATCHES & HYDRAULIC COUPLINGS

DUCTION GEARING

UST BLOCKS, SHAFTS & BEARINGS

ERMEDIATE SHAFTS & BEARINGS

DING DOWN BOLTS & CHOCKS

DENSERS (MAIN & AUX.)

AM RE-HEATERS

SUPERHEATERS

& MANOEUVRING VALVES

ENGINE DRIVEN PUMPS

NKCASE DOORS & EXPLOSION RELIEF DEVICES

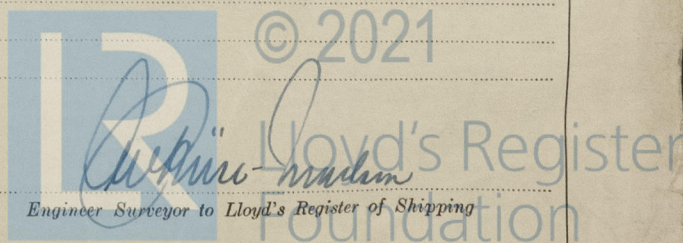
ION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel, so far as now seen, is in good and safe working condition and eligible in my opinion to be continued as classed and that her machinery classification Record be continued in the Book.

Date of Committee NEW YORK APR 9 1958
Decision as noted Subject

nykso
27/3/58
27/5/58

Noted for Header
003971-003979-0010



If certificate is required state where to be sent

TABLE 1

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	
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.....			
j 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..... Spt.....	
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?.....	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 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)

Damage stated sustained by grounding at anchorage in the Chesapeake Bay, February 13th. 1958.

Damage Repairs Effected:- Main engines thrust shaft to shop all collars machined on both sides, thrust collars (8) re-metalled. Intermediate Shaft bearing, No. 1. IP & LP. crank bearings and two (2) eccentric straps remetalled. Sea valves opened up, cleaned, examined and placed in efficient condition. Main condenser opened up, cleaned and tested.

Numerous minor W.& T. repairs dealt with as found necessary.

15 MAY 1958

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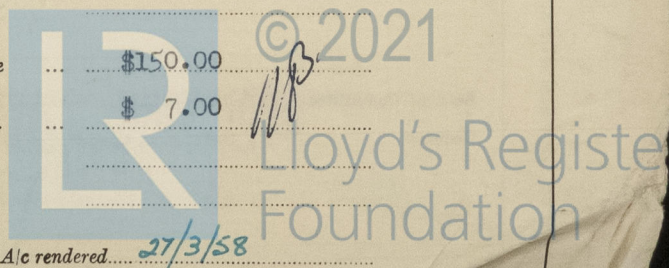


Survey fees

Damage fee \$150.00

Expenses... \$ 7.00

Date when A/c rendered..... 27/3/58



Handwritten notes in the bottom left corner, including '8' and 'My work in this is not to be used for anything but the purpose of the survey'.