

27 JAN 1958

Rpt. 9

Date of writing report 15.1.58

Received London

Port Bremen

No. 3202

Survey held at Bremerhaven

No. of visits six

First date 19.11.57

Last date 14.1.58

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 07390 Name S.S. "CRISTINA MARIA" Gross tons 7415 Date of build 1920 9mo.

Owners Rasmar Inc. Managers -- Port of Registry Panama

Engines made 1920 By D.&W. Henderson & Co. Ltd., Glasgow Type Q 4Cy.

No. of Main Engines 1 No. of Screws 1 Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -  
No. of ~~Donkey~~/Donkey Boilers 3 W.P. 215 lb.Spt.

Surveyed Afloat or in Dry Dock afloat

Nature of Survey Subject item

Was Damage Report issued? No Int. Cert.? Yes

Last Report (For Head Office only)

Hull	Machinery
+100A1 - Shelter Deck with Freeboard	+LMC 3/56
SS (Dr) 5/46	MBS 4/57
SS Spz 3/56	TS CL 3/57
	SPS 3/56

WRECK SECTION  
No.

3025 - Bmn.

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

16 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 ~~CONDENSER~~) (tested) - good

### STEAM RE-HEATERS

### DE-SUPERHEATERS

### STOP & MANŒUVRING VALVES

### MAIN ENGINE DRIVEN PUMPS

### CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manœuvring?

### OPINION OF MACHINERY AND RECOMMENDATIONS

Eligible in my opinion to remain as now classed in the Register Book without fresh record of survey, and without subject of class regarding renewal of the main condenser tube plates.

Date of Committee

TUESDAY 11 FEB 1958

Decision

As now without spl. and.

E. R. Matthews  
Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register Foundation

002653-002658-0115

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 ..... 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)

**Now done:- Main condenser tube plates now renewed. 350 wasted tubes renewed. Condenser tested on completion and found tight and satisfactory. Later examined under working conditions and all in good order. This item may now be deleted.**

LEAVE THIS SPACE BLANK

Survey fees **Mchy.Rprs. £ 15.0.0.**

Damage fee .....

Expenses... **£ 3.0.0.**

Date when A/c rendered.....

