

Rpt. 9

Date of writing report 5th September, 1962 Received London Port ISTANBUL No. 5220  
Survey held at ISTANBUL No. of visits FOUR First date 14.8.62 Last date 1.9.62

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 58078 S.S. "CRISTINA D'AMICO" Gross tons 20693 Date of build 7-1960  
Owners "ORTIGIA" S.p.A. di Navigazione Managers Port of Registry Palermo  
Engines made 7-1960 By Ansaldo Stab. Mecc. Type 2 Steam turbines DR geared to  
No. of Main Engines 1 No. of Screws 1 So. Shaft  
Records of Survey & Special Notations as per Register Book  
No. of Main Boilers 2 WTB W.P. 6681b. Spt 81297 Hull Machinery  
No. of Auxiliary Boilers 1-sg W.P. 135 lb. 626 lb.  
Surveyed Afloat or in Dry Dock Afloat +100A1 Oil tanker +LMC 7.60  
Nature of Survey Part CS and RI. Mach. Ord. Surv. DS 3.61 MBS 10.61  
Was Damage Report issued? NO Int. Cert. YES Sg 7.60  
Last Report (For Head Office only) TS(CL) 7.60

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 glands  
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 HP & LP rotor journals, bearings and thrusts only - GOOD  
bearing wear down gauged - satisfactory.  
19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)  
20 STEAM COMPRESSORS  
21 CLUTCHES & HYDRAULIC COUPLINGS TEETH ONLY - GOOD  
22 REDUCTION GEARING BOTH- GOOD  
23 THRUST BLOCKS, SHAFTS & BEARINGS  
24 INTERMEDIATE SHAFTS & BEARINGS  
25 HOLDING DOWN BOLTS & CHOCKS  
26 CONDENSERS (MAIN & AUX.) Cargo pump and Starboard turbo generator with air ejector - Good.  
27 Inboard/ejector for main condenser - Good  
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 a safe working condition and eligible, in my opinion, to remain as Classed and to have fresh record of CS(with date) when the survey has been completed.

Date of Committee WEDNESDAY 17 OCT 1962  
Decision A. now  
20m,10.61 T. (MADE AND PRINTED IN ENGLAND)  
JOHN WOOD  
Engineer Surveyor to Lloyd's Register of Shipping

009796-009804-0023



32 Essential Independent Pumps (Identify by position) Bilge, fire and general service pump; Aft oil fuel transfer pump; Port main lubricating oil pump; outboard main circulating pump; inboard circulating pump for cargo pump condenser; both pumps for aft evaporator/distiller plant; inboard main feed water pumps in E.R. and aft pump room; Port stripping pump. ALL GOOD.

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?

35 ~~Generator~~ - Good 36 Lub. Oil Coolers Both - Good 37 Heaters (state service) Lower for lub. oil purifiers. Good.  
38 Independent Air Compressors, Coolers & Safety Devices Outboard for boiler pneumatic control system; Diesel driven emergency -  
39 Air Receivers & Safety Devices ~~For ship's services and for generator starting air~~ -Both good. -Both Good  
41 ~~Both magnetic suction lub. oil filters and both lub. oil purifiers~~ -All Good  
42 Evaporators -distiller - aft - Good Have Evaporator Safety Valves been tested under steam? No  
44 Steering Machinery XXXX Port aft mooring winch -GOOD. GOOD

AUXILIARY ENGINES (Identify by position) Diesel engine driving emergency air compressor; Star board turbo-generator and reduction gears including lub. oil pump. - Good.

PROPULSION		ELECTRICAL EQUIPMENT	
		PORT	STARBOARD
a	Generators		
b	Exciters		
c	Air Coolers		
d	Motors		
e	Air Coolers		
f	Control Gear, Cables, etc.		
g	Insulation Resistance		
h	Insulating Oil Test		
i	Overspeed Governors		
j	Magnetic Couplings		
k	Air Gap		
		AUXILIARY EQUIPMENT	
		l Generators & Governors	
		m Motors Port main boiler F.D. fan, Starboard ER vent. Port Boiler room vent - All Good	
		n Switchboards & Fittings Good	
		o Circuit Breakers	
		p Cables	
		q Insulation Resistance	
		r Steering Gear Generators and Motors	
		s Navigation Light Indicators	

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)

In accordance with Secretary's letter C/RLT 7th August, 1962 and advice received from Genoa Surveyors regarding R.I.N.A. requirements a Machinery ordinary survey has now been held. All parts examined and noted above, may, where applicable, be credited to the CS cycle of the vessel. The water end rods of the bilge pumps situated in the engine room and aft pump room where found slightly pitted near the buckets butt and to be replaced as guarantee items on the vessel's return to Spezia for Dry-docking.

Electric Plant Ordinary Survey: Generators and Motors, circuits, switchboards, fittings and accessories generally examined and found in good condition, Circuit breakers and fuses examined and found satisfactory, Insulation resistance of plant checked and found in good order.

C.S. Advanced.  
It is submitted that this  
vessel is eligible to remain  
as CLASSED.

LEAVE THIS SPACE BLANK

For Fees see LR/RL fees  
slip attached.

Damage fee

Expenses...

Date when A/c rendered



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Foundation