

Rpt. 9

Date of writing report 30/9/57  
Survey held at Vizagapatam.WRECK  
SECTION  
No

Received London

No. of visits

OCT 1957

Port VIZAGAPATAM.

First date 10/9/57

No. 375

Last date 30/9/57

## REPORT OF PERIODICAL SURVEYS &amp; REPAIRS OF MACHINERY

No. in R.B. 02576 S.S. "ATLANTICOS" Gross tons. 5856 Date of build 12/1922  
Owners Typaldos Bros. S.S. Co. Ltd. Managers - Port of Registry Piraeus  
Engines made Glis. By A. Stephen & Sons Ltd. Type 2 St. Turb. SR geared  
No. of Main Engines 2 No. of Screws 1 Records of Survey & Special Notations as per Register Book  
No. of Main Boilers 4 W.P. 215 lb.  
No. of Aux./Donkey Boilers - W.P. -  
Surveyed Afloat or in Dry Dock Afloat  
Nature of Survey Machinery repairs  
Was Damage Report issued? - Int. Cert.? Yes  
Last Report (For Head Office only)

Hull	Machinery
+100 A1	+LMC
SS 9/56	Eng. 9/56
SS (Dr.) 11/47	BS 9/56
Dkg. 9/56	TSCL 9/56
	sps 9/56

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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  
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 & MANŒUVRING VALVES  
30 MAIN ENGINE DRIVEN PUMPS  
31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manœuvring?  
OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this ship so far as now seen is eligible in my opinion to remain as now classed without fresh record of survey, subject to any conditions at present attached to the class being dealt with as previously recommended.

Date of Committee

Decision

THURSDAY 24 OCT 1957

As now, subject

30m, 5, 54. T.

Noted  
for  
Header

Assisting:

Surveyor to Lloyd's Register of Shipping

N. D. Macaulay  
Marine Engineer.

002536-002542-0233



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*)

It was stated by the Master that inboard main feed pump had not been working satisfactorily, and a new pump had been obtained before arrival in this Port. The new pump was examined under working conditions and also in over pressure conditions, and found satisfactory.

Particulars of the pump are as follows:-

Welch Perrin & Co. Pty. Ltd. Weir type, No 490, Size 7" by 9½" by 15".

Machined by Peacock & Smith, Engineers, Melbourne.

No Surveyors marks were seen on the pump, or certificate produced.

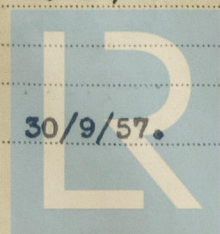
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Survey fees ... Rs.150/-

Damage fee ...

Expenses... Rs. 16/-

Date when A/c rendered... 30/9/57.



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