

Rpt. 9

Date of writing report 21.10.60  
Survey held at Bremen

Received London  
No. of visits 2

Port BREMEN No. 4921  
First date 19.10.60 Last date 20.10.60

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 65419 S.S. Name "XMAS" (ex "IRENE S. EMBIRICOS") Gross tons 4142 Date of build 9-1927  
Owners Pioneer Shipowners (Hong Kong) Ltd. Managers - Port of Registry Panama  
Engines made 1927 By J. Dickinson & Sons Ltd., Sunderland. Type T 3Cy.

No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 2 SB W.P. 180 lb.  
No. of Donkey Boilers 1 W.P. 100 lb.  
Surveyed Afloat or in Dry Dock Afloat  
Nature of Survey Main condenser repairs.  
Was Damage Report issued? No Int. Cert.? Yes  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100A1 with freeboard	+LMC 8/55
SS (Dr) 6/51	MBS 6/60
SS 8/55	DBS 9/57
DS 6/60	TS CL 9/57N

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.

**Now** 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 vessel as now seen, is eligible in my opinion to remain as now classed without fresh record of survey.

Date of Committee THURSDAY 17 NOV 1960  
Decision Referred for ES & TS

50m,4,59 T. (MADE AND PRINTED IN ENGLAND)

Noted for Header

(subject)



005056-005060-0176

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

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	
PORT	STARBOARD	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.....  
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)

**REPAIRS Main condenser 68 leaking tubes renewed. On completion of repairs condenser tested with a head of water and found tight.**

**NOTE Boiler survey and general examination carried out at Cardiff per Cardiff certificate dated 25.8.60.**

LEAVE THIS SPACE BLANK

Survey fees ..... Repairs £ 5.0.0.

Damage fee .....

Expenses .....

Date when A/c rendered .....

