

Rpt. 9

Date of writing report 22-1-62

Survey held at Sydney NSW

Received London

No. of visits 3

Port SYDNEY N.S.W.

First date 10-1-62

Last date 18-1-62

34 59 7

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 25274 S.S. Name "CRONTES"

Owners Orient Steam Nav. Co. Ltd

Gross tons 20186 Date of build 1929

Engines made 1929 By Vickers Armstrong Ltd.

Port of Registry Barrow

No. of Main Engines 2 No. of Screws 2

Type 6 Steam turb.

No. of Main Boilers 2 W.P. 215 lb

Records of Survey & Special Notations as per Register Book

No. of ~~Donkey~~ Boilers 6 W.P. 215 lb

Surveyed Afloat or in Dry Dock Afloat

of Survey Boiler rep.

Damage Report issued? NO Int. Cert.? yes

Report (For Head Office only)

146344 - Low

| Hull | Machinery |
|---------------|--------------------|
| 100 Al | LMC |
| SS (Dr) 12/52 | CS 7/60 |
| p 1/61 | MBS 10/60 |
| DS 5/61 | TSCL p 5/58 s 5/59 |
| | Sps 12/59 |

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 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 black 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 Examination 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.

Wear Down of Stern Bushes Oil Glands Sea Connections

Has Screwshaft/Tubeshaft been drawn? Date of Examination Has Shaft been changed?

Has Shaft now examined/fitted a continuous liner? Approved oil gland?

PORT STARBOARD

Covers, Pistons & Rods

& Gears

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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)

ELECTRICAL EQUIPMENT

| PROPULSION | PORT | STARBOARD | AUXILIARY EQUIPMENT |
|------------------------------|------|-----------|---------------------------------------|
| a Generators | | | l Generators & Governors |
| b Exciters | | | m Motors |
| c Air Coolers | | | n Switchboard & 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)

REPAIRS W & T. : No. 4 Main Boiler (No.3 stokehold : Port - single ended)

Back end plate found fractured at bottom radius, below centre cc. The crack, approx. 12" long, was cut out, and built up by E.W. satisfactorily. On completion, the boiler was tested under 220 p.s.i. of steam, and found good. It is submitted that this repair should be specially examined at the next main boiler survey

LEAVE THIS SPACE BLANK

Survey fees B.S. £. 20.0.0

Damage fee

Expenses

8.0

Date when A/c. rendered 23-1-62

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Lloyd's Register
Foundation