

Rpt. 9

26 FEB 1958

Date of writing report 20/2/58
Survey held at SYDNEY N.S.W.

Received London
No. of visits 5

Port SYDNEY N.S.W. No. 30710
First date 21.1.58 Last date 11.2.58

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 05598 S.S. Name M.V. "CARADALE" Gross tons 1931 Date of build 1921
Owners James Patrick & Co. Pty. Ltd., Managers ----- Port of Registry SYDNEY N.S.W.

Engines made 1921 By Swan, Hunter & W.R. Ltd., Type T. 3cyl.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 3 W.P. 180lbs

No. of Aux./Donkey Boilers W.P.

Surveyed Afloat or in Dry Dock Both

Nature of Survey MBS & Gen. Exam. Mach.

Was Damage Report issued? - Int. Cert? Yes

Last Report (For Head Office only)

Hull	Machinery
BS 11,56	MBS 11,53
SS Syd. 11,53	BlrS 1,57
	T.S. 11,56 CL
	Sps. 11,53

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 Good Wear Down of Stern Bushes 3/32" 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 & 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 and
This vessel's machinery as far as seen is now in good condition, in my opinion is eligible to remain as classed with fresh record of MBS 2,58.

Date of Committee TUESDAY 25 MAR 1958

Decision Deferred for E.S. (24.11.58)

but assign MBS 2.58 without spl. condition

J. H. Cowell
Engineer Surveyor to Lloyd's Register of Shipping
(J.H. Cowell.)
Lloyd's Register Foundation

002798-002807-0048

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..... 40 Auxiliary.....

39 Air Receivers & Safety devices—Main.....

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 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 Starb. (22.1.58) Port (24.1.58) Centre 31.1.58 - all good AUXILIARY, DONKEY or PRESS

Superheaters.....

Safety Valves All - good

Mountings, Doors & Fastenings All - good

Safety Valves Adjusted to { Sat. 180 p.s.i.
Spt. -

Boiler Securing Arrangements Good

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 Good

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)

General Examination of Machinery Refer to London letter of 25.10.57 ref. Classn (H)

The machinery examined under working conditions and the electric circuits megger tested.

No parts of the machinery were opened for repairs and it was ascertained that no major repairs have been effected during the previous voyages and that the behaviour of the machinery during this period and in my opinion the condition of the machinery is satisfactory for the period of grace desired.

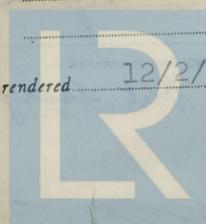
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Survey fees £16 .0. 0

Damage fee £36.0.0. Main Boiler Survey.

Expenses 12/2/58

Date when A/c rendered 12/2/58



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