

Rpt. 9

26 FEB 1958

30710

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.

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, { 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
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 ES
(24.11.58)

but assign MBS 2.58

without spl.
conditionNoted
for
under

J. H. Cowell & R. Patterson
Engineer Surveyor to Lloyd's Register of Shipping
(J. H. Cowell.)

Lloyd's Register
Foundation

002798-002807-0048

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..... 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

Steam Heated Steam Generators

Were Oil Burning System & Remote Controls examined working in accordance with Rules?

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?

Exhaust Gas Heated Economisers

Steam Generator Safety Valves Adjusted to

Forced Circulating Pumps

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.

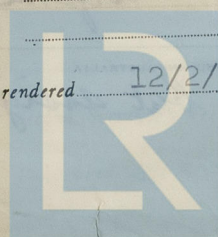
LEAVE THIS SPACE BLANK

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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