

Rpt. 9

Date of writing report 30.10.56  
Survey held at MELBOURNE

Received London 110 NOV 1956  
No. of visits Two Two

Port MELBOURNE

First date 22.10.56

Last date 24.10.56

14741

## REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 57680 Name S.S. "DELUNGRA"  
Owners Commonwealth of Australia (Dept. of Shipping & Transport) Gross tons 2333 Date of build 1947/10  
Engines made NWC NSW By NSW State Dockyard Port of Registry London  
No. of Main Engines 1 No. of Screws 1 Type C 4Cy Lentz.  
No. of Main Boilers W.P.  
No. of Aux./Donkey Boilers 1 W.P. 2401b  
Surveyed Afloat or in Dry Dock afloat  
Nature of Survey PS  
Was Damage Report issued? n Int. Cert.? yes  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
*100A1	*LMC 7,52
1,56	BS.10,55
ss. Syd 7,52	TS 10,54 CL

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 L.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

This vessel's machinery, as far as seen, is now in good condition, eligible in my opinion to remain as classed with fresh record of BS 9,56 noted in the Register Book.

Date of Committee

Decision

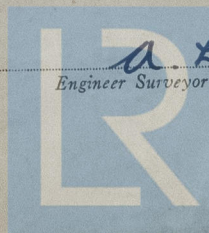
THURSDAY 20 DEC 1956

Deferred for LMC MS (by 7.57)

but BS 9,56

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register Foundation

010484-010494-0342



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)

Table with 4 columns: PROPULSION, PORT, STARBOARD, ELECTRICAL EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap, and Auxiliary Equipment (Generators & Governors, Motors, Switchboards & Fittings, Circuit Breakers, Cables, Insulation Resistance, Steering Gear Generators and Motors, Navigation Light Indicators).

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN Starboard 22.10.56
AUXILIARY, DONKEY or PRESS
Superheaters Good
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to { Sat. 240lbs per sq. inch, Spt. 220lbs per sq. inch
Boiler Securing Arrangements good
Main Economisers good
Exhaust Gas Heated Economisers
Steam Heated Steam Generators
Steam Generator Safety Valves Adjusted to Yes
Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes
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)

LEAVE THIS SPACE BLANK

Survey fees £17.0.0.

Damage fee

Expenses 12.0.

Date when A/c rendered 25.10.56