

Rpt. 9

7139

Date of writing report 21-2-58 Received London Port Newcastle, N.S.W. No. 7139
Survey held at Newcastle, N.S.W. No. of visits 2 First date and Last date 21-2-58.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 14620 S.S. "IRON MASTER" Gross tons 3387 Date of build 1921-10
Name M.V. Broken Hill Pty., Co., Ltd. Managers - Port of Registry Melbourne

Engines made 1921 By -- Type --

No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 3 W.P. 185 lbs per sq. inch.

No. of Aux./Donkey Boilers W.P.
Surveyed Afloat or in Dry Dock Afloat

Survey Comm. of M.B.S.
Large Report issued? No Int. Cert? Yes

(For Head Office only)

7090 - NSW

Records of Survey & Special Notations as per Register Book	
Hull	Machinery
+100A1	+IMC
S.S. N.S.W. 10-55	E.S. 10-55
10-56	B.S. 6-56
	T.S. 10-55

None 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 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 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.

Propellers 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?

ENGINES (Recip. Steam or LC.) PORT STARBOARD

Covers, Pistons & Rods

Connecting Rods & Gears

Connecting Rods, Guides { Side Centre

Connecting Rods, Guides { Side Centre

Connecting Rods & Bearings

ENGINE DRIVEN AIR COMPRESSORS

Covers, Pistons & Rods

Connecting Rods & Top Ends

Connecting Rods & Bearings

Connecting Rods & Bearings

Connecting Rods & Safety Devices

ENGINE DRIVEN SCAVENGE PUMPS

Covers, Pistons & Rods

Connecting Rods & Top Ends

Connecting Rods & Bearings

Connecting Rods & Bearings

SCAVENGE BLOWERS

RECHARGERS

TURBINES

Impellers, Rotors, Blading, Bearings & Thrusts

AUXILIARY STEAM TURBINES (WITH RECIP. ENGINES)

AIR COMPRESSORS

FLANGES & HYDRAULIC COUPLINGS

REDUCTION GEARING

REDUCTION BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

SLACKING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

SUPERHEATERS

STEAM & MANOEUVRING VALVES

STEAM ENGINE DRIVEN PUMPS

STEAM CASE DOORS & EXPLOSION RELIEF DEVICES

STEAM ENGINE DRIVEN PUMPS

STEAM CASE DOORS & EXPLOSION RELIEF DEVICES

Approved by Committee

TUESDAY 8 MAR 1958
MBS 7,57

L.S. Fitchett
Engineer Surveyor to Lloyd's Register of Shipping



002876-002882-0136

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

b Exciters

c Air Coolers

d Motors

e Air Coolers

f Control Gear, Cables, etc.

g Insulation Resistance

h Insulating Oil Test

i Overspeed Governors

j Magnetic Couplings

k Air Gap

l Generators & Governors

m Motors

n Switchboards & Fittings

o Circuit Breakers

p Cables

q Insulation Resistance

r Steering Gear Generators and Motors

s Navigation Light Indicators

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. Port Boiler 185 lbs per sq. inch. 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)

Ma. 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)

Sad Newcastle, N.S.W. Report No 7090, London Memo Ref. (H) dated 9-1-58, Newcastle N.S.W. reply dated 15-1-58, London letter Classn. (S) dated 31-1-58, also S.R. List No 156. The outstanding requirement for Completion of the Survey now dealt with as above and deletion from the S.R. List is recommended.

LEAVE THIS SPACE BLANK

Survey fees £1. 0. 0

Damage fee

Expenses £1. 0. 0

Date when A/c rendered 21-2-58



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