

Rpt. 9

Date of writing report 21-2-58
Survey held at Newcastle, N.S.W.

Received London
No. of visits 2

Port Newcastle, N.S.W.
First date and Last date 21-2-58.

7139

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

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

on 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 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.

G. 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 I.C.) PORT STARBOARD
Covers, Pistons & Rods
& Gears

Side
Rods, Guides & Centres
Side
Centres
& Bearings

ENGINE DRIVEN AIR COMPRESSORS
Covers, Pistons & Rods
Rods & Top Ends
& Bearings
& Safety Devices

ENGINE DRIVEN SCAVENGE PUMPS
Covers, Pistons & Rods
Rods & Top Ends
& Bearings
& Bearings

SCAVENGE BLOWERS
RECHARGERS
TURBINES
Rods, Rotors, Blading, Bearings & Thrusts

AUXILIARY STEAM TURBINES (WITH RECIP. ENGINES)
AM COMPRESSORS
HYDRAULIC COUPLINGS
REDUCTION GEARING
AUXILIARY BLOCKS, SHAFTS & BEARINGS
INTERMEDIATE SHAFTS & BEARINGS
HANGING DOWN BOLTS & CHOCKS
CONDENSERS (MAIN & AUX.)
AM RE-HEATERS
SUPERHEATERS
P & MANOEUVRING VALVES
IN ENGINE DRIVEN PUMPS

LINKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring?
UNION OF MACHINERY AND RECOMMENDATIONS This ship's machinery, so far as seen, is now in good condition, eligible in my opinion to remain as classed and have record of Main Boiler Survey 7,57 made now in the Register Book.

Signature of Committee
Decision

TUESDAY 8 MAR 1958

MBS 7,57

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)

PROPULSION		ELECTRICAL EQUIPMENT	
		PORT	STARBOARD
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		
		AUXILIARY EQUIPMENT	
		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)

Mat.

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

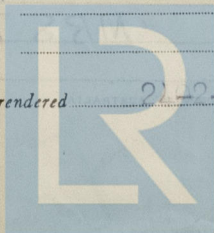
Damage fee

Expenses

£1. 0. 0

Date when A/c rendered

21-2-58



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