

Rpt. 9

30 OCT 1961 34 367

Date of writing report 19-10-61 Received London Port SYDNEY N.S.W. No. of visits 2 First date 14-10-61 Last date 19-10-61

Survey held at SYDNEY N.S.W.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 17485 Name SS. 1/4 "KARUAH" Gross tons 1353 Date of build 1940
Owners Southern Shipping Co. Ltd. Managers - Port of Registry Newcastle N.S.W.
Engines made 1940 By N.E. Marine Eng. Co. (1938) Ltd. Type T 3 Cy

No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 W.P. 235 lb

Records of Survey & Special Notations as per Register Book

No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock drydock
Nature of Survey T.S. & S.R.L.
Was Damage Report issued? Int. Cert.?
Last Report (For Head Office only)

Hull	Machinery
100 A1	LMC
with freeboard	E.S. 7/56
SS 8/57	MRS 7/61
Ds 9/60	TSCl 8/58
	Sps 8/59

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.

LOCKING Propellers good Wear Down of Stern Bushes rewooded Oil Glands Sea Connections see back
Fastenings good Has Screwshaft/Tubeshaft been drawn? yes Date of Examination 14/10/61 Has Shaft been changed? no
Has Shaft now fitted been previously used? Has Shaft now examined/used a continuous liner? yes Approved oil gland?

MAIN ENGINES (Recip. Steam or L.C.) PORT STARBOARD

Cyls., Covers, Pistons & Rods

Valves & Gears

Connecting Rods, Top Ends & Guides { Side Centre

Crankpins & Bearings { Side Centre

Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

Cyls., Covers, Pistons & Rods

Connecting Rods & Top Ends

Crankpins & Bearings

Journals & Bearings

Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

Cyls., Covers, Pistons & Rods

Connecting Rods & Top Ends

Crankpins & Bearings

Journals & Bearings

Levers

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring? yes

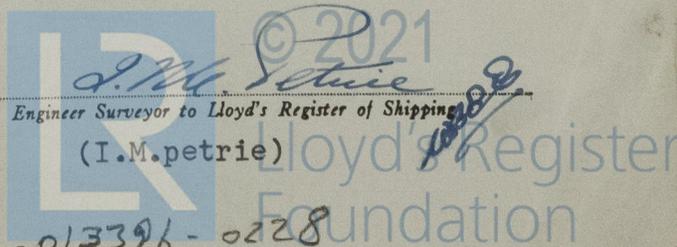
OPINION OF MACHINERY AND RECOMMENDATIONS This vessel's machinery as far as seen is in good condition, eligible in my opinion to remain as now classed with record of T.S. (C.L.) 10/61 and without special conditions in regard to the high and low main circulating inlet valves.

Date of Committee WEDNESDAY 15 NOV 1961

Decision Deferred for comp. RS (without of edu)

PRINTED IN AUSTRALIA

TS 10.61



013390 - 013396 - 0228

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

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 working - good

45 Windlass working - good

46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

PROPULSION		ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT	
	PORT	STARBOARD			
1	Generators			1	Generators & Governors good
2	Exciters			2	Motors
3	Air Coolers			3	Switchboard & Fittings good
4	Motors			4	Circuit Breakers good
5	Air Coolers			5	Cables good
6	Control Gear, Cables, etc.			6	Insulation Resistance satisfactory
7	Insulation Resistance			7	Steering Gear Generators and Motors -
8	Insulating Oil Test			8	Navigation Light Indicators
9	Overspeed Governors				
10	Magnetic Couplings				
11	Air Gap				

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. 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)

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)

S.R.L. ITEM: Referring to the renewal of the high and low main circulating inlet valves now dealt with by renewal of these items in cast steel. Valve castings marked.

LLOYD'S TEST 50 LBS
SYDNEY NO. 1177 A & B
4/10/61 J. McC

It is recommended that this item be now removed as a condition of classification. Now done: FOR GENERAL EXAMINATION:

Main engines and auxiliary machinery examined under working conditions together with steering machinery and windlass.

The electrical equipment also examined and insulation resistance megger tested. All these items have been found or placed in good condition and it is submitted that the deferment of the hull special survey until August 1962 be considered.

It is submitted that this vessel is eligible for THE RECORD (S.R.L. 10/61) without conditions. 50-ton for the submitted steels partment of TS until 8/62 waits approval.

LEAVE THIS SPACE BLANK

Survey fees T.S. & Rep. £. 20, 0.0

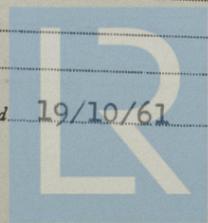
Damage fee

Expenses

£. 15.0

Date when A/c. rendered 19/10/61

Travelling Expenses (if chargeable)



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Lloyd's Register Foundation

Class 6 High & Low main circulating valves...
F.S. due 8/61, partly held off, now advanced. Partment of TS. until 8/62, approved 1/6/61 provided G.E. and head. T.S. due 8/61, not tested. Docking repair.
S.R.L. the above item dealt with will be deleted.