

Rpt. 9

Date of writing report 17/8/56

Received London

27 AUG 1956

Port SYDNEY N.S.W.

No.

129299

Survey held at SYDNEY N.S.W.

No. of visits 4

First date 27/7/56

Last date 16/8/56

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 16149 Name S.S. "KINI" Gross tons 1388 Date of build 1930

Owners Union S.S. Co. of N.Z. Ltd. Managers ----- Port of Registry

Engines made 1930 By J. Lewis & Sons Ltd. Type T. 3Cy.

No. of Main Engines No. of Screws Records of Survey & Special Notations as per Register Book

No. of Main Boilers 2 W.P. 200lb

No. of Aux./Donkey Boilers W.P.

Surveyed Afloat or in Dry Dock Afloat and on floating Dry Dock

Nature of Survey G.E. & Compl. of B.S.

Was Damage Report issued? no Int. Cert.? yes

Last Report (For Head Office only)

Hull	Machinery
*100 A1	*LMC- 6,52
12,55	B.S. 7,55
SS Syd. 6,52	T.S. 7,55CL.

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 3/16" F. Oil Glands - Sea Connections -

Fastenings Good Has Screwshaft/Tubeshaft been drawn? no 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? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS This vessel's machinery, so far as seen, is in good condition and, in my opinion, is eligible to remain as classed subject to the general service pump water end casting being renewed on the vessel's arrival at Hong Kong, this voyage, and to have the record of B.S. 5,56 made in the Register Book.

Date of Committee 17th August 1956

Decision Referred for S.S. but assign BS 5.56.

RPT. 9-J. & O'S.-3000-PRINTED IN AUSTRALIA

Engine Surveyor to Lloyd's Register of Shipping (J.H. COWELL.)

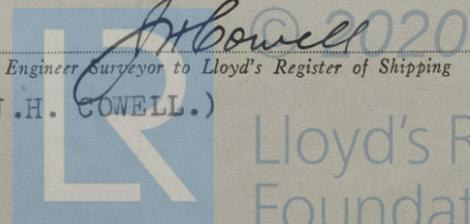
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011995-012002-0021

If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent

Used for Header



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32 Essential Independent Pumps (Identify by position) Ballast pump - Good. General Service Pump +

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			AUXILIARY EQUIPMENT	
PROPULSION	PORT	STARBOARD		
a Generators			Generators & Governors	
b Exciters			Motors	
c Air Coolers			Switchboards & Fittings	
d Motors			Circuit Breakers	
e Air Coolers			Cables	
f Control Gear, Cables, etc.			Insulation Resistance <u>6</u> Good	
g Insulation Resistance			Steering Gear Generators and Motors	
h Insulating Oil Test			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 Port boiler Good - 1.8.56 AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves Port - Good

Mountings, Doors & Fastenings Port - Good

Safety Valves Adjusted to { Sat. 200 P.S.I.  
Spt.

Boiler Securing Arrangements Good

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)

COMPLETION OF B.S. Starboard boiler surveyed as per Sydney Report 29064 dated 15-5-56

GENERAL EXAMINATION.

Refer to London letter 18/5/56 Ref. Classn. (H).

It was stated that the machinery and bilge pumping have been satisfactory during the preceding voyages with the exception of the ballast pump and the general service pump.

The ballast pump opened out and new bucket sleeves fitted, now placed in good condition.

The general service pump water end casting found to be leaking in way of a screwed plug in the forward (duplex) cylinder, the plug now wedged tight and a steel cased cement box fitted in way.

It was recommended that the water end casting of this pump be renewed on the vessel's arrival at Hong Kong this voyage, the pump considered efficient for period.

The main engines & all auxiliaries examined under working conditions and the electrical circuits megger tested.

Survey fees £12.0.0.  
15.0.0.

Damage fee  
Expenses 1.0.0.

Date when A/c rendered 17/8/56.

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