

Rpt. 9

Date of writing report 2nd August, 1955.

Received London

24 AUG 1955

Port KOBE

No. 2935

Survey held at Osaka

No. of visits 4

First date 16th July, Last date 23rd July, 1955.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. ¹⁶⁹⁷⁷ 66014 Name M.V. "KENRYU MARU" Gross tons 4979 Date of build 1951 9mo.

Owners Inui Kisen K.K. Managers Port of Registry Kobe

Engines made Osaka By Fujinagata Zosensho K.K. Type B & W 2 SC SA 6 cyl.

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers - W.P. -

No. of Aux/Donkey Boilers 1 W.P. 100 lbs/in2

Surveyed Afloat or in Dry Dock Both

Nature of Survey +LMC (CS), D.B.S.

Was Damage Report issued? No Int. Cert.? Yes.

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100A1	+LMC 9,51
	DBS 8,53 8,54
	T&CL 3,54

OIL ENGINES

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 port 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

ENDORSEMENT CASE

DOCKING Propellers Good Wear Down of Stern Bushes 5 mm Oil Glands - Sea Connections Good

Fastenings Good Has Screwshaft/Tubeshaft been drawn? No Date of Examination - Has Shaft been changed? No

Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? No- Approved oil gland? -

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

1 Cyls., Covers, Pistons & Rods Nos. 1,2,3,4,5 & 6 Good

2 Valves & Gears Nos. 1,2,3,4,5 & 6 Good

3 Connecting Rods, Top Ends & Guides Side Centre No.4 Good

4 Crankpins & Bearings Side Centre No.3 Good

5 Journals & Bearings Nos.3 & 4 Good

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 Fw'd. Good

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS Good

INTERMEDIATE SHAFTS & BEARINGS Good

HOLDING DOWN BOLTS & CHOCKS Good

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANŒUVRING VALVES (Bilge & Sanitary)

MAIN ENGINE DRIVEN PUMPS Good

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Good

Have Main Engines been tested working and manœuvring? No

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now seen, is

in good condition and eligible in our opinion to remain as now classed with fresh record of

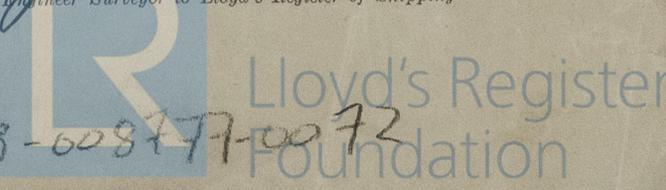
+LMC(CS) with date when the survey has been completed and D.B.S. 7,55.

Date of Committee THURSDAY 15 SEP 1955

Decision DBS 7/55

30m 5,54. T.

J. Kajiwara & P. Williams
Engineer Surveyor to Lloyd's Register of Shipping



008773-008777-0072

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent.

32 Essential Independent Pumps (Identify by position) G.S. pump, Ballast pump, Fw'd L.O. pump, Inboard and outboard main cooling water pumps, Inboard and outboard aux. cooling water pumps, Inboard and outboard feed pumps. Good

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls. Good

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?

35 Fresh Water Coolers Good (tested) 36 Lub. Oil Coolers Good (tested) 37 Heaters (state service) Aft Good

38 Independent Air Compressors, Coolers & Safety Devices Aft Good

39 Air Receivers & Safety devices—Main Aft Good 40 Auxiliary Starb'd O.F. settling tank Good

41 Oil Fuel Tanks (Not forming part of hull structure) Starb'd O.F. settling tank Good

42 Evaporators 43 Have Evaporator Safety Valves been tested under steam?

44 Steering Machinery 45 Windlass Good 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position) Fw'd outboard Good

Electric apparatus examined, system megger tested and found in good condition.

PROPULSION	PORT	ELECTRICAL EQUIPMENT	
		STARBOARD	AUXILIARY EQUIPMENT
a Generators			Generators & Governors Good
b Exciters			
c Air Coolers			
d Motors			Motors Good
e Air Coolers			
f Control Gear, Cables, etc.			Switchboards & Fittings Good
g Insulation Resistance			Circuit Breakers Good
h Insulating Oil Test			Cables Good
i Overspeed Governors			Insulation Resistance Good
j Magnetic Couplings			Steering Gear Generators and Motors Good
k Air Gap			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 Good

Superheaters Good

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to Sat. 100 lbs/in²

Spt. Good

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? 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)

Main engine cylinder liners (6 pcs) worn, now renewed.

Marks on new cylinder liners are as follows:-

LLOYD'S TEST KOB

JN FINISH 21-1-55

30-6-55

W.T.P. 7 kg

JN LR 12/19-4-55

Worm sheel of windlass badly worn, now renewed (material; phosphor bronze).

Other minor jobs effected.

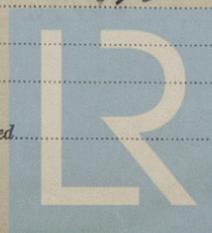
Interim Certificate No. B1-24074 issued - copy attached.

LEAVE THIS SPACE BLANK

Survey fees 65.
DBS 78,000
Elect. Equip 40,000

Damage fee ...

Expenses... 5,000



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Date when A/c rendered