

Rpt. 9

Date of writing report 4th June, 1958.

Received London

23 JUN 1958

Port KOBE

No. 5807

Survey held at Osaka

No. of visits 3

First date 29th May, Last date 3rd June, 1958.

## REPORT OF PERIODICAL SURVEYS &amp; REPAIRS OF MACHINERY

No. in R.B. 16491 Name "KEN-EI MARU" Gross tons 5609 Date of build 1929-7mo.  
Owners Inui Kisen K.K. Managers Port of Registry Kobe  
Engines made Gls. By A. Stephen & Sons Ltd. Type T 3Cy. 23" 40" & 67" x 51"  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 3 W.P. 200 lbs.  
No. of Aux./Donkey Boilers - W.P. -  
Surveyed Afloat or in Dry Dock Both  
Nature of Survey MBS & TS(CL)  
Was Damage Report issued? - Int. Cert. Yes, B1-50103, copy attached.  
Last Report (For Head Office only)

Records of Survey &amp; Special Notations as per Register Book

Hull	Machinery
+100A1	+LMC
SS(Dr) 5,52	Engine 5,56
Tmn - 5,56	Boiler M 5,57
D.S. 1,58	Tailshaft CL 5,55
	Steam pipe 5,56

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 ~~XXXXXX~~ 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 Re-wooded Oil Glands - Sea Connections -  
Fastenings Yes Has Screwshaft ~~XXXXXX~~ been drawn? Yes Date of Examination 29-5-58 Has Shaft been changed? No  
Has Shaft now fitted been previously used? No Has Shaft now examined/fitted a continuous liner? Yes Approved oil gland? -

MAIN ENGINES (Recip. ~~XXXXXX~~) ~~XXXXXX~~

- 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 &amp; HYDRAULIC COUPLINGS

## REDUCTION GEARING

## THRUST BLOCKS, SHAFTS &amp; BEARINGS

## INTERMEDIATE SHAFTS &amp; BEARINGS

## HOLDING DOWN BOLTS &amp; CHOCKS

## CONDENSERS (MAIN &amp; AUX.)

## STEAM RE-HEATERS

## DE-SUPERHEATERS

## STOP &amp; MANOEUVRING VALVES

## MAIN ENGINE DRIVEN PUMPS

## CRANKCASE DOORS &amp; EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

## OPINION OF MACHINERY AND RECOMMENDATIONS

The Machinery of this ship is in good condition and eligible in our opinion to remain as classed with fresh record of M.B.S. 5,58, TS(CL) 5,58.

Date of Committee

Decision

40m, 4,57. T. (MADE AND PRINTED IN ENGLAND.)

tk

THURSDAY 10 JUL 1958

MBS 5,58

TS 5,58

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Engine Surveyor to Lloyd's Register of Shipping  
S. Matsumoto & Y. Kojima.  
Foundation

If certificate is required state where to be sent.

012236-011245-0265



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
Good

AUXILIARY ENGINES (Identify by position)

Table with 4 columns: PROPULSION, PORT, STARBOARD, AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap, and Auxiliary Equipment items like Generators & Governors, Motors, Switchboards & Fittings, Circuit Breakers, Cables, Insulation Resistance, Steering Gear Generators and Motors, Navigation Light Indicators.

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN Port, Centre & Starb'd
Starb'd: 29-5-58, Port & Centre: 30-5-58
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to 200 lb/in^2
Boiler Securing Arrangements Good
Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes, Good
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)
Repairs Wear and Tear:-
Port and Starboard boilers:- 12 small stays in way of between combustion chambers found worn, renewed.
Stern bush lignumvitae lower half renewed.
Other minor repairs effected.

LEAVE THIS SPACE BLANK

Survey fees MB5 £30,000. TS 8,000.

Damage fee
Expenses... 1,600.

Date when A/c rendered

