

Rpt. 9

Date of writing report 21st June, 1960 Received London Port KOBE No. 7947
Survey held at Nagoya No. of visits 2 First date 8th June, Last date 15th June, 1960

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 09389 S.S. "EIKEN MARU" Gross tons 6395 Date of build 3,1952
Owners Hachiuma Kisen K.K. Managers Port of Registry Nishinomiya
Engines made Tok By Ishikawajima Jukogyo Type 2 steam turbine DR geared to sc. shaft

No. of Main Engines 1	No. of Screws 1	Records of Survey & Special Notations as per Register Book	
No. of Main Boilers 2	WTB W.P. 285 lbs Spt 279 lbs	Hull	Machinery
No. of Aux./Donkey Boilers -	W.P. -	-100A1	+LMC
Surveyed Afloat or in Dry Dock Both		carrying oil FP above 150°F.	Engine 4, 56
Nature of Survey MBS & General Examination for Portponement of ES		in DTsa	Boiler 4, 59
Was Damage Report issued? No Int. Cert. Yes, BI-64495		SS 4, 56	Tail shaft CL 5, 58
Last Report (For Head Office only) copy attached.		DS 4, 59	Steam pipes 4, 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 † 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 4.9 mm Oil Glands - Sea Connections Good
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) PART
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 HP & LP Good
19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
20 STEAM COMPRESSORS
21 CLUTCHES & HYDRAULIC COUPLINGS
22 REDUCTION GEARING Good
23 THRUST BLOCKS, SHAFTS & BEARINGS
24 INTERMEDIATE SHAFTS & BEARINGS
25 HOLDING DOWN BOLTS & CHOCKS
26 CONDENSERS (MAIN & AUX.) Good
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 The machinery of this ship so far as now seen is in an efficient condition and that in the case of this vessel the following survey record be made in the Supplement to the Register Book MBS 6,60 and that her Machinery Classification Record be continued in the Book.

TUESDAY 27 SEP 1960
Date of Committee
Decision Referred for comp ES
MBS 6.60

32 Essential Independent Pumps (Identify by position) No.2(inboard) main lub. oil pump(starb'd side), Fire & G.S. pump (port side), Bilge pump(port side), Nos. 1 & 2 (inner & outer) aux. condensate pump (port side) Good

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 Nos.1&2(inner & outer) 36 Lub. Oil Coolers Good 37 Heaters (state service) Both feed heaters Good

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 Good 45 Windlass Good 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

No.1 (outer) generator turbine (starboard side) Good

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors
b Exciters			m Motors
c Air Coolers			n Switchboards & Fittings
d Motors			o Circuit Breakers
e Air Coolers			p Cables
f Control Gear, Cables, etc.			q Insulation Resistance
g Insulation Resistance			r Steering Gear Generators and Motors
h Insulating Oil Test			s 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 & Starboard 8-6-60 AUXILIARY, DONKEY or PRESS

Good

Superheaters Good

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to Sat. 285 lbs

Spt. 279 lbs

Good

Boiler Securing Arrangements

Main Economisers Good Exhaust Gas Heated Economisers

Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to Yes

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 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)

Windlass warping shaft bent, renewed (tested material).

Other overhauling and repairs effected as required.

General examination of the machinery in accordance with Circular No. 1959 was carried at this time as stated above. (London Cable, 3rd June, 1960.)

Electric Equipment generally examined and insulation resistance measured.

It is recommended that the Owner's request to postpone the engine Special Survey until the end of November 1960 recieve the favourable consideration of the Committee.

The Owners have requested that the above items be credited towards the special ^{Survey} which will be carried out in November, 1960.

LEAVE THIS SPACE BLANK

Survey fees MBS £36,000.-

G.E. for postpone. 27,000.-

of ES

part ES 30,000.-

Damage fee ...

Expenses... 6,100.-

Date when A/c rendered.

AUG 20 1960

© 2021

Lloyd's Register Foundation