

22 FEB 1960

Rpt. 9

Date of writing report 3rd Feb., 1960  
Survey held at Aioi, Japan

Received London

No. of visits 2

Port KOBE

First date 26th Jan.,

No. 7479

Last date 26th Jan., 1960

## REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 17994 Name ~~XXXX~~ "KOHO MARU" Gross tons 17794 Date of build 6, 1953  
Owners Iino Kaiun K.K. Managers ~~XXXX~~ Port of Registry Tokyo  
Engines made Tok By Ishikawajima Jukogyo Type 2 steam turbines/geared to sc. shaft  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 2 WTB W.P. 640 lbs Spt 583 lbs  
No. of Aux./Donkey Boilers 1 db W.P. 100 lbs  
Surveyed Afloat or in Dry Dock Both  
Nature of Survey Commencement of ES & TS(CL)  
Was Damage Report issued? No Int. Cert.? Yes, BI-61996 copy attached.  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100A1	+1MC
oil tanker	Engine 3,57
	Boilers M 2,59
SS 3,57	sg 2,59
DS 8,59	Tail shaft CL 2,57
	Steam pipes 3,57

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 Propeller ~~XXXX~~ Good Wear Down of Stern Bushes Rewooded Oil Glands ~~XXXX~~ Sea Connections ~~XXXX~~  
Fastenings Good Has Screwshaft ~~XXXX~~ been drawn? Yes Date of Examination 28/1/60 Has Shaft been changed? No  
Has Shaft now fitted been previously used? ~~XXXX~~ Has Shaft now examined/fitted a continuous liner? ~~XXXX~~ Approved oil gland? ~~XXXX~~  
~~XXXXXXXXXXXX~~ (Recip. Steam ~~XXXX~~) ~~XXXX~~ ~~XXXXXXXXXXXX~~  
1 ~~XXXXXXXXXXXX~~  
2 ~~XXXXXXXXXXXX~~  
3 Connecting Rods Side ~~XXXX~~  
Top End & Bolts Centre ~~XXXX~~  
4 Crankpins & Bolts Side ~~XXXX~~  
Centre ~~XXXX~~  
5 ~~XXXXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~  
6 ~~XXXXXXXXXXXX~~  
7 ~~XXXXXXXXXXXX~~  
8 ~~XXXXXXXXXXXX~~  
9 ~~XXXXXXXXXXXX~~  
10 ~~XXXXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~  
11 ~~XXXXXXXXXXXX~~  
12 ~~XXXXXXXXXXXX~~  
13 ~~XXXXXXXXXXXX~~  
14 ~~XXXXXXXXXXXX~~  
15 ~~XXXX~~  
16 ~~XXXXXXXXXXXX~~  
17 ~~XXXXXXXXXXXX~~  
MAIN TURBINES  
18 ~~XXXXXXXXXXXX~~ Bearings & Thrusts HP & LP Good  
Flexible couplings HP & LP Good  
19 ~~XXXXXXXXXXXX~~  
20 ~~XXXXXXXXXXXX~~  
21 ~~XXXXXXXXXXXX~~  
22 REDUCTION GEARING Good  
23 THRUST BLOCKS, SHAFTS & BEARINGS  
24 INTERMEDIATE SHAFTS & BEARINGS No. 3 (aftmost plummer block) Good  
25 HOLDING DOWN BOLTS & CHOCKS  
26 CONDENSERS (MAIN & AUX.) Main & Fw'd & Aft Aux. Condensers (tested)  
27 ~~XXXXXXXXXXXX~~  
28 ~~XXXXXXXXXXXX~~  
29 STOP & MANEUVRING VALVES  
30 MAIN ENGINE DRIVEN PUMPS  
31 ~~XXXXXXXXXXXX~~ Have Main Engines been tested working and manœuvring?

### 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 records be made in the Supplement to the Register Book ES with date when the survey has been completed and TS(CL) 1,60 and that her Machinery Classification Record be continued in the Book.

Date of Committee

Decision

40m,3,58 T. (MADE AND PRINTED IN ENGLAND)

TUESDAY 8 MAR 1960

As above Subject

TS 1,60

Engineer Surveyor to Lloyd's Register of Shipping

S. Matsumoto.

012624-012630-0266

If certificate is required state where to be sent



32 Essential Independent Pumps (Identify by position) Main circulating pump(p.s.), Outboard main condensate pump(p.s.), Aft aux.condensate pump(ps.)  
Aft atomospheric drain pump(p.s.), Starb'd main feed pump, Inb'd L.O.pump(s.s.), Bilge & ballast pump(s.s.), Outb'd O.F.  
burning pump(s.s.), Port cargo stripping pump(main pump room) All Good

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

35 Fresh Water Coolers 36 Lub. Oil Coolers F.&A.(s.s.)Good 37 Heaters (state service) Inboard O.F.heater(s.s.),  
Butterworth heater(p.s.)

38 Independent Air Compressors, Coolers & Safety Devices 40 Auxiliary

39 Air Receivers & Safety devices—Main

41 Oil Fuel Tanks (Not forming part of hull structure) 43 Have Evaporator Safety Valves been tested under steam?

42 Evaporators 45 Windlass 46 Fire Extinguishing Arrangements

44 Steering Machinery

AUXILIARY ENGINES (Identify by position) Fw'd turbo generator engine (s.s.), Starb'd main feed pump driving steam turbine.

ELECTRICAL EQUIPMENT			
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors
b Exciters			
c Air Coolers			m Motors
d Motors			
e Air Coolers			n Switchboards & Fittings
f Control Gear, Cables, etc.			o Circuit Breakers
g Insulation Resistance			p Cables
h Insulating Oil Test			q Insulation Resistance
i Overspeed Governors			r Steering Gear Generators and Motors
j Magnetic Couplings			s Navigation Light Indicators
k 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)

Minor repairs effected.

S.R.L. DBS to be carried out before being placed in service.

No survey carried out at this time.

The class is assigned to Survey 66 and being and  
S.A. due 2/60 now held. until surveyed,  
b. A. Advanced.  
It is submitted that this  
record is eligible for THE  
RECORD 75,160 subject as above.  
CL 9.6.4.5.60.

LEAVE THIS SPACE BLANK

Survey fees Part ES £40,000.-  
TS(LW) 10,500.-

Damage fee ...  
Expenses... 2,000.-

Date when A/c rendered. FEB 18 1960