

Rpt. 9

Date of writing report. 17-6-1959.

Received London

Port. Shimonoseki.

No. 971

Survey held at. Kasado, Japan

No. of visits. 2

First date. 2-6-1959

Last date. 8th June, 1959.

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 61553 S.S. Name "FUKUZAN MARU" Gross tons. 6889 Date of build 9-1928

Owners Miyachi Kisen K.K. Managers --- Port of Registry Kobe

Engines made Greenock By J.G. Kincaid & Co. Ltd. Type T3Cy.

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 3 W.P. 180 lb

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

Surveyed Afloat or in Dry Dock Both

Nature of Survey BS & TS (CL)

Was Damage Report issued? No Int. Cert. Yes, (C-7483) copy attached.

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
100A1 SS 2/56 with freeboard	LMC Engines 2/56
SS (Dr) 7/52	Boilers 7/58
Smk 2/56	Tailshaft CL 2/56
Docking 7/56	Steampipes 2/56

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 1.8 mm Oil Glands - Sea Connections -

Fastenings Good Has Screwshaft Tubeshaft been drawn? Yes Date of Examination 2-6-1959 Has Shaft been changed? No

Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? Yes Approved oil gland? -

MAIN ENGINES (Recip. Steam or I.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?

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this ship so far as now seen, is in good condition and eligible in my opinion to remain as now classed with fresh record of BS 6/59 & TS (CL) 6/59.

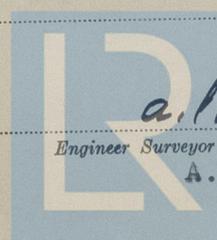
MONDAY 20 JUL 1959

Date of Committee

Decision MBS 6.59 TS 6.59

40m, 4.57. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Header

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 Engineer Surveyor to Lloyd's Register of Shipping  
 A. Imazumi  
 Lloyd's Register Foundation  
 010294-010299-0114

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) .....

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 opened, good. 45 Windlass generally, good. 46 Fire Extinguishing Arrangements Good

AUXILIARY ENGINES (Identify by position).....

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, centre & starb'd boilers ex'd throughout on 2nd June 1959, Good.

AUXILIARY, DONKEY or PRESS -

Superheaters None

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to { Sat. 180 lb  
Spt. -

Boiler Securing Arrangements Good

Main Economisers - 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? 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)

Wear & Tear Repair:

Stern bush lignumvitae worn, renewed.

Boilers: Air heating tubes wasted, approx. 240 tubes renewed of all boilers.  
Centre boiler - center & Port furnaces deformed slightly at fire bar line.  
2 hoop rings fitted on Nos. 3 & 5 corrugations in each furnaces as Japanese Government Surveyor's recommendation.  
Steering engine: 2 slide valve worn, renewed.

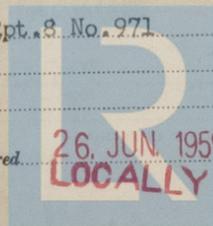
*a. Luning*

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Survey fees B.S. ¥36,000  
T.S. (CL) 10,500  
Repairs 5,000

Damage fee ...  
Expenses... See Rpt. No. 271

Date when A/c rendered 26 JUN 1959



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