

Rpt. 9

Date of writing report 10/9/1962.

Survey held at Kasado

Received London

No. of visits 3

Port SHIMONOSEKI.

No. 2051

First date 28-8-62

Last date 4-9-62

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 79567 Name M.V. "RYUKO MARU"

Owners Kotani Kisen K.K.

Managers -

Gross tons 4415 Date of build 6-1928

Engines made Niigata, By Niigata Eng. Co., Ltd.

Port of Registry Kobe

No. of Main Engines 1 No. of Screws 1

Type Oil Eng. 2SA 8Cy. + NE 57.

No. of Main Boilers - W.P. -

No. of Aux./Docking Boilers 1 W.P. 200 lb.

Surveyed Afloat or in Dry Dock Both

Nature of Survey Part CS, ABS & SRL.

Was Damage Report issued? No Int. Cert.? Yes, copy attached.

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
✱ 100A1	✱ LMC
with fbd.	ES CS 8/60
SS(Dr) 12/51	BS A 8/61
8/59	TS CL 8/61
DS 8/61 (Reclassified 11/46)	SPS 7/57

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 Propellers good. Wear Down of Stern Bushes 2.9 mm Oil Glands No. 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. ~~SIX CYCLE~~ 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

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

OPINION OF MACHINERY AND RECOMMENDATIONS

Have Main Engines been tested working and manoeuvring?

The machinery and boiler of this ship so far as now seen is in good condition and eligible in our opinion

to remain as now classed with record of CS (with date) when the survey has been completed, ABS 9/62 now

without restricted of windlass steam cylinder block and alignment of rotor of turbo blower.

Date of Committee

Decision

FRIDAY - 5 OCT 1962

As now without spl. cdr

ABS 9.62

Noted for Header

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Lloyd's Register

Engine Surveyor to Lloyd's Register of Shipping

Y. Hamada & K. Okada

12.61 KOB

003808-003815-0075

If certificate is required state where to be sent.

AUXILIARY ENGINES (Identify by position)

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN	AUXILIARY, PUMP, or PRESS	
		30 - 8 - 62

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?..... —

S.R.L.: (1) Windlass steam cylinder (ps) to be renewed 2/62 (6 months limit).
(2) True alignment of rotor in way of Journal to be checked by 5/62 (12 months)

On completion tried windlass and found satisfactory.

(2) Both Scavenge Blower disconnected at the gear coupling, alignment checked and found true. This item be deleted from the List.

Wear & tear repair:

Aux. boiler;

Renewed 1 boiler tube and expanded approx. 50 p. of boiler tubes.

Other minor repairs effected.

Survey fees ABS ¥13,500
Condition of Class(M) 10,000

Damage fee

Expenses See Rpt. 8 No. 2051

Date when A/c rendered

SEP 13 1962
LOCALLY

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Foundation