

Rpt. 9

Date of writing report 23rd Feb., 1962

Received London

Port KOBE

No. 10126

Survey held at Tamano

No. of visits 4

First date 16th Feb.,

Last date 20th Feb., 1962

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 03065 Name M.V. "AZUMASAN MARU" Gross tons 6993 Date of build 12,1950

Owners Mitsui Sempaku K.K. Managers - Port of Registry Tokyo

Engines made Tmn By Mitsui Zosen Type Oil Engine 2SA 8Cy. 620 x 1150mm

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of Aux./Donkey Boilers 1 Aux. W.P. 100 lbs

Surveyed Afloat or in Dry Dock Both

Nature of Survey ABS, CS, Docking

Was Damage Report issued? No Int. Cert. Yes, B1-76720 copy attached.

Last Report (For Head Office only)

Hull	Machinery
+100A1	+LMC
	Engine CS 10,58
SS 12,58	Boiler A 10,60
DS 6,61	Tailshaft CL 10,60
pt EW	Steampipes NA
	Oil Engine

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 3.25 mm Oil Glands None 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 ~~(Main Engines (C.))~~ ~~BOGIX~~ ~~XXXXXXXXXX~~

1 Cyls., Covers, Pistons & Rods Nos. 2,3,4 & 5 Good

2 Valves & Gears Nos. 2,3,4 & 5 Good

3 Connecting Rods, Top Ends & Guides ~~XXXX~~ Centre Nos. 2 & 5 Good

4 Crankpins & Bearings ~~XXXX~~ Centre Nos. 3 & 7 Good

5 Journals & Bearings Nos. 2 & 6 Good

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 No. 5 shaft (Nos. 8 & 9 bearings) - Good

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

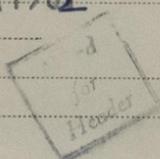
30 MAIN ENGINE DRIVEN PUMPS

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 an efficient condition and that in the case of this vessel the following survey records be made in the Supplement to the Register Book CS (with date) on completion and ABS 2,62 now and that her Machinery Classification Record be continued in the Book.

TUESDAY 3 APR 1962

Date of Committee Decision As now ABS 2.62



Lloyd's Register of Shipping P. Mason & Y. Kojima

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) O.F. transfer pump (starboard forward), O.F. valve cooling pump (port forward), S.W. pump (starboard outboard), Reserve S.W./F.W. pump (starboard centre) - All 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..... ³⁶ Lub. Oil Coolers..... ³⁷ Heaters (state service).....

³⁸ Independent Air Compressors, Coolers & Safety Devices

³⁹ Air Receiver & Safety devices—Main..... ⁴⁰ Auxiliary.....

⁴¹ Oil Fuel Tanks (Not forming part of hull structure) 2 - O.F. settling tanks (starboard inboard and outboard) - Good

⁴² Evaporators..... ⁴³ Have Evaporator Safety Valves been tested under steam?

⁴⁴ Steering Machinery..... ⁴⁵ Windlass..... ⁴⁶ Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position)

No.2 genetator diesel engine (port outboard) - Good

PROPULSION	PORT	ELECTRICAL EQUIPMENT	
		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, ~~DOCKING OVERSIX~~ E.R. Aft (18-2-62) - Good

~~XXXXXXXXXX~~

Safety Valves..... Good

Mountings, Doors & Fastenings..... Good

Safety Valves Adjusted to { Sat. 100 p.s.i.
Spt. -

Boiler Securing Arrangements..... Good

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? 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 and Tear Repairs:-

No. 3, 4 & 5 cylinder liners renewed (copy of Kobe certs. Nos. M-76312 & M-76822 attached).

No.2 cylinder liner renewed and oversize piston rings fitted.

No.2 auxiliary engine - all gudgeon pin bushes renewed.

Generator overboard discharge valve now renewed.

(Copy of Kobe Cert.No. M-76722 attached).

Conditions of Class No.185 - None

LEAVE THIS SPACE BLANK

Survey fees CS 770,000.-
ABS 11,200.-

Damage fee ...

Expenses ...
Special Attn¹. Fee

Date when A/c rendered



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Lloyd's Register Foundation

Ch. c.d. mant.
Abs. am 10/61, was held.
Docking, Repair
Some M.E. cyl. liners renewed.
It is submitted that this vessel is eligible for THE RECORD A.S. 2/62.