

Rpt. 9

Date of writing report 30-3-62. Received London Port SINGAPORE. No. 15514
Survey held at SINGAPORE. No. of visits 6 First date 21-3-62. Last date 26-3-62.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 03609 Name M.V. "BATU MAS" Gross tons 733 Date of build 10-1920.
Owners CATHAY SHIPPING CORP. Managers - Port of Registry PANAMA.
Engines made 10-1920 By FAIRBANKS MORSE & CO. Type Oil Eng. 2SA 7Cy/ 335 x 430mm.
No. of Main Engines 1 No. of Screws 1
Records of Survey & Special Notations as per Register Book

No. of Main Boilers	-	W.P.	-	Hull	Machinery
No. of Aux./Donkey Boilers	+NAux. made 52 refitted 55 - 120 lb.	+100A1.			LMC
Surveyed Afloat or in Dry Dock	Both.				
Nature of Survey	Dkg. ABS CS & Gen. Exam.				
Was Damage Report issued?	No	Int. Cert.?	Yes		
Last Report (For Head Office only)					
		Dkg.	10/61	ABS	3/58
		SS(Dr).	3/58	TSOL	10/61
				sps.	3/58

Yes

Now

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" Oil Glands - Sea Connections Good
Fastenings Good Has Screwshaft/Tubeshaft been drawn? No Date of Examination - Has Shaft been changed? No
Has Shaft now fitted been previously used? - Has Shaft now examined fitted a continuous liner? - Approved oil gland? -
MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD
1 Cyls., Covers, Pistons & Rods Nos. 1 and 6 - Good.
2 Valves & Gears Nos. 1 and 6 - Good.
3 Connecting Rods, Top Ends & Guides Side Nos. 1 and 6 - Good.
Centre
4 Crankpins & Bearings Side Nos. 1 and 6 - Good.
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 Good
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? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now examined is in safe working condition and eligible in my opinion, to remain as Classed, with fresh records of ABS 3/62 now and CS (with date) when the survey has been completed.

THURSDAY 26 APR 1962

Date of Committee Decision As now
Noted ABS 3.62

20m, 4, 61 T. (MADE AND PRINTED IN ENGLAND)



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Engineer Surveyor to Lloyd's Register of Shipping

Foundation

009827-009838-0032

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..... 40 Auxiliary.....
39 Air Receivers & Safety Devices—Main.....
41 Oil Fuel Tanks (Not forming part of hull structure).....
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).....

Starboard dynamo engine (steam) - 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 Good.
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..... AUXILIARY, ~~BONKEY~~ PRESS 24-3-62 - Good.
Superheaters..... None Fitted.
Safety Valves..... Good
Mountings, Doors & Fastenings..... Good
Safety Valves Adjusted to { Sat.....
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)

Repairs (wear and tear)

Auxiliary Boiler Welding at throat rings of both furnace openings, found fractured, defective welding cut out, rewelded and on completion boiler hydraulically tested and found sound and tight.
Other minor wear and tear repairs and adjustments also effected.

In accordance with the requirements for General Examination for Postponement of Special Survey the pumping arrangements were examined working and the electrical installation was megger tested complete and all found satisfactory.

Survey fees CS \$190.
ABS \$126.

Damage fee ... 93.

Expenses... \$ 15.
Sunday Att. \$ 80.

Date when A/c rendered 22/3/62

OS. advanced.
A 68 (div 1/62) now med.
Docking. Repair
Some weld repairs to boiler.
It is submitted that this vessel is eligible for THE RECORD A 68. 3/62.
127-94/4/62.
Delete spl. note in my. on heading
Ref. Ind. of 20/11/61
LEAVE THIS SPACE BLANK