

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS
(ENGINES AND AUXILIARIES)

Received London

17 JUN 1963

Ship's Name	SS/MS "VIRGINIA. MARU"	Gross tons	7633
Is there a rpt. 8?	Yes	Port	Yokohama
No. of visits	6	Rpt. No.	4747
Interim Cert. issued & copy herewith?	Yes	First date	25-5-63
Date of completing rpt.	8-6-63	Last date	1-6-63
Is a rpt. 9B attached?	Yes	Damage rpt. issued & copy herewith?	-
		Last rpt. (H.Q. only)	
Survey fees		Surveyed at, if different from Port above	-
CSM ¥ 124,000.-		MN	940
ABS ¥ 27,000.-		Nature of survey	Compl. of CSM, ABS
Electrical S.S. ¥ 54,000.-		Damage fee	-
		Expenses	¥ 3,000.-
		S.A. fee	-

MAIN ENGINES, RECIP., STEAM OR I.C. (State Port—P or Starboard—S)

1	Cyls., covers, pistons & rods	No.1	Good	
2	Valves & gears	No.1	Good	
3	Con. rods, top ends & guides centre	No.1	Good	Side -
4	Crankpins & bearings centre	No.1	Good	Side -
5	Journals & bearings	Nos.4 & 6	Good	

MAIN ENGINE DRIVEN AIR COMPRESSORS (State Port—P or Starboard—S)

6	Cyls., covers, pistons & rods	7	Con. rods & top ends
8	Crankpins & bearings	9	Journals & bearings
10	Coolers & safety devices		

MAIN ENGINE DRIVEN SCAVENGE PUMPS (State Port—P or Starboard—S)

11	Cyls., covers, pistons & rods	12	Con. rods & top ends
13	Crankpins & bearings	14	Journals & bearings

MAIN TURBINES (State Port—P or Starboard—S)

16	Casings, rotors, blading, bearings & thrusts	15	Levers
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17	Reduction gearing	19	Superchargers
18	Scavenge blowers		

I recommend that the machinery of this ship remain as classed with/without fresh record of CSM (6/63), ABS (6/63).

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

T. Nishimura

T. NISHIMURA
Surveyor to Lloyd's Register of Shipping

Date of Committee

THURSDAY 18 JUL 1963

Minute

CSM 6,63
ABS 6,63.

ALSO FOR

SPL FOR

TRO

SRL

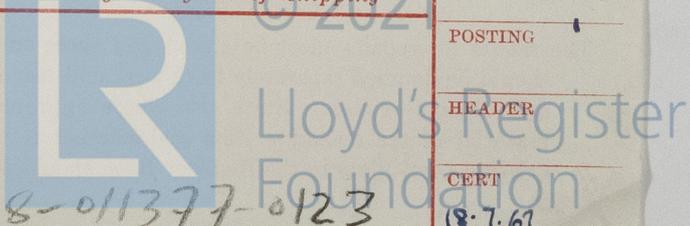
POSTING

HEADER

CERT

18.7.63

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20	Exhaust steam turbines (with recip. eng.)	21	Thrust blocks shafts & bearings		
22	Steam compressors	23	Intermediate shafts & bearings	No.5	Good
24	Clutches & hydraulic couplings	25	Condensers (main & aux.)		
26	Steam re-heaters	27	Air ejectors (main & aux.)		
28	De-superheaters	29	Forced &/or induced draught fans	(Steam driven)	Good
30	Stop & manoeuvring valves	31	Holding down bolts & chocks	Good	32 Detuner or vibration damper
33	Main engine driven pumps				
34	Crankcase doors & explosion relief devices	Good		35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)	Good
36	Essential independent pumps				
	Cooling S.W. pump. (Inboard) L.O. pump.		Cooling F.W. pump. (Aft) Feed water pump.		
	F.O. Transfer pump (stm. driven).		F.O. Transfer pump (motor driven).		
	Bilge & Sanitary pump.		L.O. Transfer pump. (Aft) F.O. supply pump.		
	Oil Burning pump (motor driven).				
37	Bilge, ballast & oil fuel suction lines, fittings & controls	Good		38 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?	-
39	Fresh water coolers (Aft)	Good		40 Lub. oil coolers	-
41	Heaters (state service)	{ Feed water OF for M.E. OF for aux. boiler }	Good	42 Feed water filters	Good
43	Auxiliary air receivers & safety devices		Good	44 Starting air pipes	Good
45	Main air receivers & safety devices	-			
46	Independent air compressors coolers & safety devices	-			
47	Oil fuel tanks (not forming part of the hull structure)	(F)&(A) F.O. settling for M.E. (F)&(A) F.O. service for M.E. Settling & service for aux. eng. Both settling for aux. boiler	} Good		
48	Have all evaporators safety valves been tested under steam?			-	49 Evaporators HP & LP
51	Fire extinguishing arrangements	Good	52 Steering machinery	Good	53 Windlass Good

AUXILIARY ENGINES

Outboard oil engine in its entirety (P. side) Good

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

MAIN ENGINE:-

No.1 piston crown renewed (ring grooves worn).

No.5 crosshead F & A lower half bearings renewed (cracked metal).

AUXILIARIES:-

Main cooling S.W. pump impeller (erosion) and shaft (worn) renewed.

The reason for repairs must be stated and those on account of damage, the alleged cause of which must be given should be detailed separately from wear and tear repairs. State what action has been taken regarding items which are subjects of class. State also where appropriate, for the information of the Technical Records Dept., the material of the defective item and whether it is a forging, casting or welded fabrication. Any alterations to existing particulars in the Register Book should also be reported above.