

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 Rpt. No. 4747
No. of visits 6 First date 25-5-63 Last date 1-6-63
Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? - Last rpt. (H.Q. only)
Date of completing rpt. 8-6-63 Surveyed at, if different from Port above -
Is a rpt. 9B attached? Yes MN 940 Nature of survey Compl. of CSM, ABS
Survey fees Damage fee - Expenses ¥ 3,000.-
CSM ¥ 124,000.-
ABS ¥ 27,000.-
Electrical S.S. ¥ 54,000.-
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
4	Crankpins & bearings centre	No.1	Good
5	Journals & bearings	Nos.4 & 6	Good

Side	-
Side	-

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)

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

Date of Committee

THURSDAY 18 JUL 1963

Minute

CSM 6,63

ABS 6,63.

T. NISHIMURA
Surveyor to Lloyd's Register of Shipping

ALSO FOR

SPL FOR

TRO

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POSTING

HEADER

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18.7.63

011368-011377-0123

Lloyd's Register
Foundation

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