

MOTOR SHIPS

NAME

NAME **VIRGINIA MARU**

7E

PORT MAIN ENGINE	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12
Cylinders, Pistons, Rods, Valves and Gears ^{1,2}												
Connecting Rods, Top ends and Guides ³												
Crankpins and Bearings ⁴												
Journals and Bearings ⁵												
Compressors on Main Engine ⁶	Compr. Coolers ¹⁰											
Scavenge Pumps or Blowers ^{11,16}												
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ¹⁸	Gearing ²²											
Magnetic Coupling ¹⁹	Air Gap ²³											
Thrust ²⁴	Intermediate Shafting ²⁴											
Holding Down Bolts & Chocks ²⁵	Engine Tested											
Main Engine Driven Pumps ³⁰	Bilge	S.W. Cooling	F.W. Cooling	Lub. Oil	Fuel							

ELECTRIC PROPULSION	PORT	STARBOARD
Generators ²⁶		
Exciters ²⁷		
Air Coolers ²⁸		
Motors ²⁹		
Air Coolers ³¹		
Control Gear ³²		
Insulation Resistance ³³		
Insulating Oil Test ³⁴		
Overspeed Governors ³⁵		

AUXILIARY ELECTRICAL EQUIPMENT

Generators ³⁶	
Motors ³⁷	
Switchboards ³⁸	
Circuit Breakers ³⁹	
Cables ⁴⁰	
Insulation Resistance ⁴¹	
Steering Gear ⁴²	Navigation Light Indicators ⁴³

STARBOARD MAIN ENGINE	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12
Cylinders, Pistons, Rods, Valves and Gears ^{1,2}	4.63	4.62	4.61	4.62	4.60	4.6						
Connecting Rods, Top ends and Guides ³	4.63	4.62	4.61	4.62	4.60	4.6						
Crankpins and Bearings ⁴	4.63	4.62	4.61	4.62	4.60	4.6						
Journals and Bearings ⁵	4.62	4.61	4.60	4.63	4.62	4.63	4.6	4.60				
Compressors on Main Engine ⁶	Compr. Coolers ¹⁰											
Scavenge Pumps or Blowers ^{11,16}	4.62	4.62		4.62								
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ¹⁸	Gearing ²²											
Magnetic Coupling ¹⁹	Air Gap ²³											
Thrust ²⁴	4.62	Intermediate Shafting ²⁴ No 1+2 4.60 No 3+4 4.61 No 5+6 4.62 No 7+8 4.63 No 9+10 4.62 No 11+12 4.63										
Holding Down Bolts & Chocks ²⁵	4.63	Engine Tested										
Main Engine Driven Pumps ³⁰	Bilge	S.W. Cooling	F.W. Cooling	Lub. Oil	Fuel							

Bilge	Ballast	Fuel Transfer	Fuel Service
5.6.60 6.61 4.62		Stn Elev } 4.63	4.63
Cyl. Cooling SW No 1 4.60 4.62 No 2 4.63	Piston Cooling FW No 1 4.61 4.62 No 2 4.63	Lub. Oil No 1 (bater) 4.60 4.62 No 2 4.61	Fuel Valve Cooling
Feed No 1 4.62 No 2 4.61	Cond. Circulating	F.W. Coolers ³¹ No 1 (FW) 4.62 No 2 4.63	Lub. Oil Coolers ³² 4.62
Other Pumps having Bilge Connections 6.5.6.61			
Bilge, Ballast and O.F. Lines ³³ 6.63			
Other Piping Arrgts. and Fittings ³⁴ ?			
Condenser ³⁵ (1) 4.62	Evaporator ³⁶ Safety Valves ³⁷	Propellers and Sea Connections 4.62 4.60 4.61 4.63	
Oil Fuel Tanks ³⁸ (7) all 4.63	Windlass ³⁹ 4.63	Steam Pipes Over 3in. Bore	
Steering Machy. ⁴⁰ 4.63		Oil Burning Arrgts. 4.60 4.61 4.62 4.63	
Indep. Air (3) Compressors ⁴¹ No 1 (bater) 4.60-4.62 No 2 (bater) 4.61		Fire Ext. Arrgts. ⁴² 4.63	
Main Air Receivers ⁴³ (3) No 1 (bater) 4.60 No 2 (bater) 4.61	Auxiliary Air Receivers ⁴⁴ (1) 4.63	Comp. Coolers	

AUXILIARY ENGINES	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12
	4.60	4.62	4.61	4.62	4.60	4.6						