

NAME

MOTOR SHIPS

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 ⁶⁻⁹								Compr. Coolers ¹⁰				
Scavenge Pumps or Blowers ¹¹⁻¹⁶												
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹								Gearing ²²				
Magnetic Coupling ⁷								Air Gap ⁸				
Thrust ²³								Intermediate Shafting ²⁴				
Holding Down Bolts & Chocks ²⁵								Crankcase Relief Devices ²⁶				
Main Engine Driven Pumps ²⁰	Bilge	S.W. Cooling		F.W. Cooling		Lub. Oil		Fuel				

ELECTRIC PROPULSION

PORT

STARBOARD

Generators ^a	
Exciters ^b	
Air Coolers ^c	
Motors ^d	
Air Coolers ^e	
Control Gear ^f	
Insulation Resistance ^g	
Insulating Oil Test ^h	
Overspeed Governors ⁱ	

AUXILIARY ELECTRICAL EQUIPMENT

270 kw

Generators ^j	2
Motors ^m	
Switchboards ⁿ	
Circuit Breakers ^o	
Cables ^p	
Insulation Resistance ^q	8.56
Steering Gear ^r	8.56
Navigation Light Indicators ^s	

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	9.57 8.56	8.58	9.57	7.59	8.58	8.56						
Connecting Rods, Top ends and Guides ³	9.57 8.56		9.57			8.56						
Crankpins and Bearings ⁴		8.58		7.59	8.58							
Journals and Bearings ⁵	9.57	8.58	9.57	7.59	8.58							
Compressors on Main Engine ⁶⁻⁹								Compr. Coolers ¹⁰				
Scavenge Pumps or Blowers ¹¹⁻¹⁶	9.57 8.58 7.59											
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹								Gearing ²²				
Magnetic Coupling ⁷								Air Gap ⁸				
Thrust ²³	7.59							Intermediate Shafting ²⁴ Nos 1+2-8.58 7.59				
Holding Down Bolts & Chocks ²⁵	7.59							Crankcase Relief Devices ²⁶ 7.59 Engine Tested				
Main Engine Driven Pumps ²⁰	Bilge 2 fuel oil pumps	S.W. Cooling		F.W. Cooling		Lub. Oil		Fuel				
Bilge	+ G.S. 2		Ballast one		Fuel Transfer 1		Fuel Service 1					
Cyl. Cooling S.W.	2		Piston Cooling 2		Lub. Oil 2		Fuel Valve Cooling					
Feed	2		Cond. Circulating		F.W. Coolers ³⁵		Lub. Oil Coolers ³⁶					
Other Pumps having Bilge Connections	9.57 8.58											
Bilge, Ballast and O.F. Lines ³⁷	7.59											
Other Piping Arrgts. and Fittings ³⁸	7.59											
Condenser ³⁹	7.59											
Evaporator ⁴⁰ Safety Valves ⁴¹	7.59											
Oil Fuel Tanks ⁴²	7.59											
Steering Machy ⁴³	7.59											
Windlass ⁴⁴	8.56 8.58											
Indep. Air Compressors ⁴⁵	3 7.59											
Main Air Receivers ⁴⁶	3 7.59											
Auxiliary Air Receivers ⁴⁷	1 7.59											
AUXILIARY ENGINES	1-5 cyl oil @ 136 kw 8.56 7.59											



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