

NAME

GREENRANGER.

MOTOR SHIPS

NAME

GREENRANGER

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												
Scavenge Pumps or Blowers ¹¹⁻¹⁶												
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹												
Magnetic Coupling ⁷												
Thrust ²³												
Holding Down Bolts & Chocks ²⁵												
Main Engine Driven Pumps ³⁰												
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

Generators ^j	2.57	
Motors ^k		
Switchboards ^l		
Circuit Breakers ^m		
Cables ⁿ		
Insulation Resistance ^o	2.57	
Steering Gear ^p		
Navigation Light Indicators ^q		

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	2.57	2.57	2.57	2.57	All 8.57							
Connecting Rods, Top ends and Guides ³	2.57	2.57	10.55									
Crankpins and Bearings ⁴	2.57	2.57	10.55									
Journals and Bearings ⁵	2.57	2.57	10.55									

Compressors on Main Engine ⁶⁻⁹	None											
Scavenge Pumps or Blowers ¹¹⁻¹⁶	1 lever driven	8.57										
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹												
Magnetic Coupling ⁷												
Thrust ²³	10.55	8.57										
Holding Down Bolts & Chocks ²⁵	8.57	8.57										
Main Engine Driven Pumps ³⁰												
Bilge												
S.W. Cooling	2.57	8.57										
F.W. Cooling	STR 10.55	2.57										
Lub. Oil	2.57	8.57										
Fuel												

Bilge	10.55						
Ballast	10.55						
Fuel Transfer	8.57						
Fuel Service	1						
Cyl. Cooling	standby 10.55						
Piston Cooling	2.57						
Lub. Oil	standby 10.55						
Fuel Valve Cooling	8.57						
Feed	2.57						
Cond. Circulating	10.55						
F.W. Coolers	1						
Lub. Oil Coolers	1						
Other Pumps having Bilge Connections	98 Pump 10.55						

Bilge, Ballast and O.F. Lines ³²	8.57						
Other Piping Arrgts. and Fittings ³⁴	8.57						
Condenser ³⁶	2.57	8.57					
Evaporator ³⁸	2.57	8.57					
Safety Valves ³⁹	2.57	8.57					
Oil Fuel Tanks ⁴⁰	8.57						
Steering Machy. ⁴²	2.57	8.57					
Windlass ⁴⁴	10.55	2.57	8.57				
Indep. Air Compressors ⁴⁶	2 (Steam)						
Main Air Receivers ⁴⁸	2						
Auxiliary Air Receivers ⁵⁰	None						

AUXILIARY ENGINES	Port	Starboard
2.	2.57 8.57	2.57 8.57



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