

NAME

MOTOR SHIPS

NAME

John Augustus Essberg checked 10/57

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 ¹⁸							Gearing ¹⁹					
Magnetic Coupling ²⁰							Air Gap ²¹					
Thrust ²²							Intermediate Shafting ²³					
Holding Down Bolts & Chocks ²⁴							Crankcase Relief Devices ²⁵					
Main Engine Driven Pumps ²⁶	Bilge	S.W. Cooling		F.W. Cooling		Lub. Oil		Fuel				Engine Tested

ELECTRIC PROPULSION

PORT

STARBOARD

Generators ²⁷		
Exciters ²⁸		
Air Coolers ²⁹		
Motors ³⁰		
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	10/57	10/57	10/57	10/57	all 11/57							
Connecting Rods, Top ends and Guides ³	12/57	11/57	12/57	11/57								
Crankpins and Bearings ⁴	12/57	11/57	12/57	11/57								
Journals and Bearings ⁵	11/57	11/57	12/57	11/57								
Compressors on Main Engine ⁶⁻⁹							Compr. Coolers ¹⁰					
Scavenge Pumps or Blowers ¹¹⁻¹⁶	10/57 11/57											
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ¹⁸							Gearing ¹⁹					
Magnetic Coupling ²⁰							Air Gap ²¹					
Thrust ²²	11/57 3, 5, 8						Intermediate Shafting ²³ 10/57					
Holding Down Bolts & Chocks ²⁴	11/57						Crankcase Relief Devices ²⁵ 10/57 11/57					
Main Engine Driven Pumps ²⁶	Bilge	S.W. Cooling		F.W. Cooling		Lub. Oil		Fuel				
Independent Pumps ³²	Bilge (2) 10/57		Ballast (2) 10/57		Fuel Transfer (2) 10/57		Fuel Service 10/57					
	Cyl. Cooling (1) 10/57		Piston Cooling F.W. 2 10/57		Lub. Oil S.O. 10/57		Fuel Valve Cooling					
	Feed (2) 10/57		Cond. Circulating		F.W. Coolers ³⁶ 10/57		Lub. Oil Coolers ³⁶ (1) 10/57					
Other Pumps having Bilge Connections												
Bilge, Ballast and O.F. Lines ³³												
Other Piping Arrgts. and Fittings ³⁴						Propellers and Sea Connections 10/57						
Condensers ³⁵ 10/57						Evaporator ³⁷ Safety Valves ³⁸						
Oil Fuel Tanks ³⁹ 10/57						Steam Pipes Over 3in. Bore 10/57						
Steering Machy. ⁴⁰ 10/57						Windlass ⁴¹ 10/57						
Indep. Air Compressors ⁴² 10/57						Fire Ext. Arrgts. ⁴³ 11/57 9/16 10/57 10/57						
Main Air Receivers ⁴⁴ 10/57						Comp. Coolers 10/57						
Auxiliary Air Receivers ⁴⁵ 10/57												
AUXILIARY ENGINES												
1-6 Cy. 90 KW 10/57												
1-6 Cy. 90 KW 9/16												
1 Steam 20 KW												



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