

NAME

MOTOR SHIPS

NAME "KOSOH 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 ¹⁻³												
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 ²¹				Engine Tested			
Main Engine Driven Pumps ²⁰	Bilge		S.W. Cooling		F.W. Cooling		Lub. Oil		Fuel			

ELECTRIC PROPULSION

PORT

STARBOARD

Generators ²⁶		
Exciters ²⁶		
Air Coolers ²⁶		
Motors ²⁷		
Air Coolers ²⁷		
Control Gear ²⁷		
Insulation Resistance ²⁷		
Insulating Oil Test ²⁸		
Overspeed Governors ²⁸		

AUXILIARY ELECTRICAL EQUIPMENT

Generators ²⁹	
Motors ²⁹	
Switchboards ²⁹	
Circuit Breakers ²⁹	
Cables ²⁹	
Insulation Resistance ²⁹	
Steering Gear ²⁹	Navigation Light Indicators ²⁹

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 ¹⁻³	3.63	3/62	3.61	3/62	3.63	3.61						
Connecting Rods, Top ends and Guides ³	3.63	3/62	3.61	3/62	3.63	3.61						
Crankpins and Bearings ⁴	3.63	3/62	3.61	3/62	3.63	3.61						
Journals and Bearings ⁵		3/62	3.61	3.63	3/62		3.61	3.63				
Compressors on Main Engine ⁶⁻⁹								Compr. Coolers ¹⁰				
Scavenge Pumps or Blowers ¹¹⁻¹⁶	2 Each gas. Both 3/62 Both 3.63											
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹								Gearing ²²				
Magnetic Coupling ⁷								Air Gap ⁸				
Thrust ²³					Intermediate Shafting ²⁴ 400 3.62 9. 3.61 Pms 2, 3, 4 - 3/62 N-6.7-3.63							
Holding Down Bolts & Chocks ²⁵					Crankcase Relief Devices ²¹				Engine Tested			
Main Engine Driven Pumps ²⁰	Bilge		S.W. Cooling		F.W. Cooling		Lub. Oil		Fuel			
Bilge	3.61 P-3/62 P. 3.63		Ballast		P-3/62 - 3.63		Fuel Transfer		3.61 S-3/62, 3.63			
Independent Pumps ²⁷	Cyl. Cooling 2 S.W. Starboard 3.61 Outd. 3/62 sub. 3.63 Feed 2 Starboard 3.61 Inbd. 3/62 (2) forced circulating pumps - 3/62 Other Pumps having Bilge Connections		Piston Cooling 3 F.W. Starboard 3.61 Outd. 3/62 out 3.63 Cond. Circulating GSD line 3.61 3/62 3.63		Lub. Oil 2 3.63 RF-3/61 RA-3/62 for turbo charges. F.W. Coolers ³⁰ 2 4/62 lower.		Fuel Valve Cooling		Lub. Oil Coolers ³⁰ 2 Energy.			
Bilge, Ballast and O.F. Lines ³¹												
Other Piping Arrgts. and Fittings ³¹								Propellers and Sea Connections 3.61 3.62 (STEEL) Steam Pipes Over 3in. Bore Seen 3/62. (2.5)				
Condenser ³²								Evaporator ³² Safety Valves ³²				
Oil Fuel Tanks ³³ 4								Oil Burning Arrgts.				
Steering Machy. ³⁴								Windlass ³⁵				
Indep. Air Compressors ³⁶ 3 P. Outd. 3/62 P. Fad. 3.63								Fire Ext. Arrgts. ³⁶ 3.61				
Main Air Receivers ³⁷ 2 P. Fad. 3.63								Comp. Coolers 2 P.O.T. - 3/62				
Auxiliary Air Receivers ³⁷	1											
AUXILIARY ENGINES	P.F. 5-cyl. - 200KW. (1) 3-5-cyl. @ 200KW. 3.63			P.A. outd. 5-cyl. - 200KW. 3.61			P.A. 2-cyl. 5-cyl. @ 200KW. 3/62					



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