

MOTOR SHIPS

NAME "HODAKASAN 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												
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												

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	
Motors ^{km}	
Switchboards ⁿ	
Circuit Breakers ^o	
Cables ^p	
Insulation Resistance ^q	
Steering Gear ^r	
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 ¹⁻³	5.61	12/62	5.61	4/60	4/60	4/60	863	4/60	5.61			
Connecting Rods, Top ends and Guides ³	5.61	8/60	5.61	8/60	8/60	4/60	2/62	4/60	4/60			
Crankpins and Bearings ⁴	5.61	2/62	4/60	863	2/62	863	12/62	4/60	12/62			
Journals and Bearings ⁵	863	5.61	5.61	2/62	863	12/62	12/62	863	2/62	4/60	4/60	
Compressors on Main Engine ⁶⁻⁹												
Scavenge Pumps or Blowers ¹¹⁻¹⁶	3	Exh. Gas.										
Supercharger ¹⁷												
Clutch or Hydraulic Coupling ²¹												
Magnetic Coupling ⁷												
Thrust ²³	863											
Holding Down Bolts & Chocks ²⁵	8.63											
Main Engine Driven Pumps ³⁰	2											
Bilge	2											
S.W. Cooling												
F.W. Cooling												
Lub. Oil												
Fuel												
Bilge	1											
Ballast	1											
Fuel Transfer	1											
Fuel Service	1											
Cyl. Cooling	SWL											
Piston Cooling	FWL											
Lub. Oil	2											
F.W. Coolers ³⁵	1											
Lub. Oil Coolers ³⁶	1											
Other Pumps having Bilge Connections												
Bilge, Ballast and O.F. Lines ³³												
Other Piping Arrgts. and Fittings ³⁴												
Condenser ³⁶	1											
Evaporator ³⁷ Safety Valves ³⁸	1											
Oil Fuel Tanks ³⁹	1											
Steering Machy. ⁴⁰	1											
Indep. Air Compressors ⁴¹	2											
Main Air Receivers ⁴²	2											
Auxiliary Air Receivers ⁴³	1											
AUXILIARY ENGINES												
3-50hp. C 230KW.												
P. Int. 4.60.												
P. out. 2/62												
P. Aff. 12/62												
AUX. F.W. cooling H.P. (P.) - 2/62												

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011433-011440-0285