

# MOTOR SHIPS

NAME

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 <sup>1,2</sup>												
Connecting Rods, Top ends and Guides <sup>3</sup>												
Crankpins and Bearings <sup>4</sup>												
Journals and Bearings <sup>5</sup>												
Compressors on Main Engine <sup>6,9</sup>								Compr. Coolers <sup>10</sup>				
Scavenge Pumps or Blowers <sup>11,16</sup>												
Supercharger <sup>17</sup>												
Clutch or Hydraulic Coupling <sup>21</sup>								Gearing <sup>22</sup>				
Magnetic Coupling <sup>7</sup>								Air Gap <sup>8</sup>				
Thrust <sup>23</sup>					Intermediate Shafting <sup>24</sup>							
Holding Down Bolts & Chocks <sup>25</sup>					Crankcase Relief Devices <sup>31</sup>				Engine Tested			
Main Engine Driven Pumps <sup>30</sup>	Bilge		S.W. Cooling		F.W. Cooling		Lub. Oil		Fuel			

## ELECTRIC PROPULSION

PORT

STARBOARD

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

## AUXILIARY ELECTRICAL EQUIPMENT

Generators <sup>1</sup>	
Motors <sup>20</sup>	
Switchboards <sup>26</sup>	
Circuit Breakers <sup>27</sup>	
Cables <sup>28</sup>	
Insulation Resistance <sup>29</sup>	
Steering Gear <sup>32</sup>	Navigation Light Indicators <sup>33</sup>

NAME SHOSEI MARU

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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 <sup>1,2</sup>	A.62	A.62	A.62	A.62	A.62	5.63						
Connecting Rods, Top ends and Guides <sup>3</sup>	5.63		5.63	A.62								
Crankpins and Bearings <sup>4</sup>	5.63		A.62			5.63						
Journals and Bearings <sup>5</sup>	5.63	A.62		A.62				5.63				
Compressors on Main Engine <sup>6,9</sup>								Compr. Coolers <sup>10</sup>				
Scavenge Pumps or Blowers <sup>11,16</sup>	2 by M.E.											
Supercharger <sup>17</sup>												
Clutch or Hydraulic Coupling <sup>21</sup>								Gearing <sup>22</sup>				
Magnetic Coupling <sup>7</sup>								Air Gap <sup>8</sup>				
Thrust <sup>23</sup>						Intermediate Shafting <sup>24</sup> No. 3 shaft of No. 5 & 11 bearings - A.62 No. 2 & 4 - 5.63 & No. 3, 7 & 8 bearings 5.63						
Holding Down Bolts & Chocks <sup>25</sup>						Crankcase Relief Devices <sup>31</sup>				Engine Tested		
Main Engine Driven Pumps <sup>30</sup>	Bilge 1 & San. A.62		S.W. Cooling		F.W. Cooling		Lub. Oil		Fuel Lube - A.62			
Independent Pumps <sup>3</sup>	Bilge + Ballast		Ballast A.62		Fuel Transfer 1		Fuel Service 1					
	Cooling SW. 2 S.A. A.62		Piston Cooling FW 2 S.F. - A.62 S.A. 5.63		Lub. Oil 3 S. out - A.62		Fuel Valve Cooling 2					
	Feed 2 P.A. A.62		Cond. Circulating		F.W. Coolers <sup>35</sup> 1		Lub. Oil Coolers <sup>36</sup> 1 5.63					
	Other Pumps having Bilge Connections 1 G.S.											
Bilge, Ballast and O.F. Lines <sup>39</sup>												
Other Piping Arrgts. and Fittings <sup>34</sup>												
Condenser <sup>38</sup> 2 by A.62						Evaporator <sup>37</sup> Safety Valves <sup>38</sup>			Propellers and Sea Connections			
Oil Fuel Tanks <sup>41</sup>												
Steering Machy. <sup>44</sup>						Windlass <sup>45</sup>			Fire Ext. Arrgts. <sup>46</sup>			
Indep. Air Compressors <sup>35</sup> 1 Small P. out - A.62									Comp. Coolers P. out A.62			
Main Air Receivers <sup>39</sup> 2 P. out - A.62 P. out 5.63						Auxiliary Air Receivers <sup>40</sup> 1						
AUXILIARY ENGINES		P. out		P.F. INB		P.A.		Emergency Compt. engine				
2 - 5 cyl @ 200 KVA		A.62										
1 - 2 50 KVA												
aux SW - A.62												



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