

NAME

MANOERAN

M

2 Engine 18 gears

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>		7.57			7.57							
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 BIDDY 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 (1)		F.W. Cooling (1)		Lub. Oil (1)			Fuel		

## ELECTRIC PROPULSION

PORT

STARBOARD

Generators <sup>32</sup>		
Exciters <sup>32</sup>		
Air Coolers <sup>32</sup>		
Motors <sup>32</sup>		
Air Coolers <sup>32</sup>		
Control Gear <sup>32</sup>		
Insulation Resistance <sup>32</sup>		
Insulating Oil Test <sup>32</sup>		
Overspeed Governors <sup>32</sup>		

## AUXILIARY ELECTRICAL EQUIPMENT

Generators <sup>32</sup>	
Motors <sup>32</sup>	
Switchboards <sup>32</sup>	
Circuit Breakers <sup>32</sup>	
Cables <sup>32</sup>	
Insulation Resistance <sup>32</sup>	
Steering Gear <sup>32</sup>	Navigation Light Indicators <sup>32</sup>

NAME

MANOERAN

7E

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>					7.57	7.57						
Connecting Rods, Top ends and Guides <sup>3</sup>						7.57						
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 BIDDY 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 (1)		F.W. Cooling (1)		Lub. Oil (1)			Fuel		
Independent Pumps <sup>33</sup>	Bilge (1)	Ballast (1)	Fuel Transfer (1)		Fuel Service							
	Cyl. Cooling ?	Piston Cooling (FW) (1)	Lub. Oil (1)		Fuel Valve Cooling							
	Feed (2)	Cond. Circulating (1)	F.W. Coolers <sup>35</sup> (2)		Lub. Oil Coolers <sup>36</sup> (2)							
	Other Pumps having Bilge Connections G.S. (1)											
Bilge, Ballast and O.F. Lines <sup>33</sup>												
Other Piping Arrgts. and Fittings <sup>34</sup>												
Condenser <sup>35</sup> (1)	Evaporator <sup>42</sup> Safety Valves <sup>43</sup>											
Oil Fuel Tanks <sup>44</sup>	Propellers and Sea Connections											
Steering Machy. <sup>44</sup>	Steam Pipes Over 3in. Bore											
Indep. Air Compressors <sup>35</sup>	Oil Burning Arrgts. (1)											
	Fire Ext. Arrgts. <sup>46</sup>											
	Comp. Coolers											
Main Air Receivers <sup>35</sup> (2)	Auxiliary Air Receivers <sup>40</sup>											
AUXILIARY ENGINES	S. Inner	S. Outer	Turbo									
2-4 Cyl (1200)												
1-Turbo generator 1500w												

005867-005874-0222

© 2020

Lloyd's Register Foundation