

# MOTOR SHIPS

NAME DERWENTDALE

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 <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>18</sup>	Gearing <sup>22</sup>											
Magnetic Coupling <sup>19</sup>	Air Gap <sup>20</sup>											
Thrust <sup>23</sup>	Intermediate Shafting <sup>24</sup>											
Holding Down Bolts & Chocks <sup>25</sup>	Crankcase Relief Devices <sup>21</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>26</sup>		
Exciters <sup>27</sup>		
Air Coolers <sup>28</sup>		
Motors <sup>29</sup>		
Air Coolers <sup>31</sup>		
Control Gear		
Insulation Resistance <sup>32</sup>		
Insulating Oil Test <sup>33</sup>		
Overspeed Governors <sup>34</sup>		

## AUXILIARY ELECTRICAL EQUIPMENT

Generators <sup>35</sup>	
Motors <sup>36</sup>	
Switchboards <sup>37</sup>	
Circuit Breakers <sup>38</sup>	
Cables <sup>39</sup>	
Insulation Resistance <sup>40</sup>	
Steering Gear <sup>41</sup>	Navigation Light Indicators <sup>42</sup>

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>	3.62 4/61 7.58		10.62 9.60	4/61	3.62 7.60	9.60 7.58						
Connecting Rods, Top ends and Guides <sup>3</sup>	3.62 4/61 7.58	4/61 7.60	10.62 9.60	4/61	3.62 7.60	9.60 7.58						
Crankpins and Bearings <sup>4</sup>	3.62 7.58	3.62	3.62	3.62	10.62 3.62	3.62 7.58						
Journals and Bearings <sup>5</sup>	3.62 7.58	4/61 7.58	4/61 7.58	3.62 7.58	3.62 7.58	4/61 7.58	4/61 7.58	4/61				
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>	8/61											
Clutch or Hydraulic Coupling <sup>18</sup>	Gearing <sup>22</sup>											
Magnetic Coupling <sup>19</sup>	Air Gap <sup>20</sup>											
Thrust <sup>23</sup>	4.12											
Holding Down Bolts & Chocks <sup>25</sup>	7.60 10.62											
Main Engine Driven Pumps <sup>30</sup>	Bilge <sup>31</sup> NONE S.W. Cooling (1) 8.57, 4/61. F.W. Cooling Lub. Oil (1) 4/61. Fuel 10.62 7.58											
Bilge <sup>31</sup> Str.	Bilge/day (replaced) 4/62											
Ballast <sup>32</sup> Str.	Ballast (1) Str. & STBY cooling 7.60 4/61, 10.62											
Fuel Transfer	F - 4/61, 10.62. D.O. 4.62											
Fuel Service	Attached 4/62 10.62 F.O. (Pat) 4.62											
Independent Pumps <sup>33</sup>	Cooling SW 10.62 NONE											
Feed <sup>34</sup>	After Pump 7.58 B/X - 4/61. P.A. 10.62											
Cond. Circulating	Cond. Circulating											
F.W. Coolers <sup>35</sup>	NONE											
Lub. Oil Coolers <sup>36</sup>	4.62											
Other Pumps having Bilge Connections	9.5, 7.58 7.60 10.62											
Bilge, Ballast and O.F. Lines <sup>37</sup>	4/62											
Other Piping Arrgts. and Fittings <sup>38</sup>	4/62											
Condenser <sup>39</sup>	7.60 10.62											
Evaporator <sup>40</sup> Safety Valves <sup>41</sup>	Removed 16.10.62											
Oil Fuel Tanks <sup>42</sup>	NONE											
Steering Machy <sup>43</sup>	10.62 4.62 7.58											
Windlass <sup>44</sup>	7.58											
Indep. Air Compressors <sup>45</sup>	(2) Both P & S. 7.60 & Engines (Steam)											
Main Air Receivers <sup>46</sup>	(2) UP 4/61. L.O. 4/61.											
Auxiliary Air Receivers <sup>47</sup>												
AUXILIARY ENGINES	INB. STM. OUT. STM. DIESEL.											
2 STM @ 25KW	7.58 7.58											
2 DIESEL @ 75KW	9.60 9.60											
F.D. Engine 7.60 10.62												
Additional F.D. Engine (Steam) 4/61												
and there is also one F.D. Engine												