

NAME ATHEL SULTAN

## MOTOR SHIPS

NAME ATHEL SULTAN

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>												
Scavenge Pumps or Blowers <sup>11,16</sup>												
Supercharger <sup>17</sup>												
Clutch or Hydraulic Coupling <sup>21</sup>												
Magnetic Coupling <sup>7</sup>												
Thrust <sup>23</sup>												
Holding Down Bolts & Chocks <sup>25</sup>												
Main Engine Driven Pumps <sup>30</sup>												
Bilge												
S.W. Cooling												
F.W. Cooling												
Lub. Oil												
Fuel												

ELECTRIC PROPULSION	PORT	STARBOARD
Generators <sup>28</sup>		
Exciters <sup>29</sup>		
Air Coolers <sup>31</sup>		
Motors <sup>32</sup>		
Air Coolers <sup>33</sup>		
Control Gear <sup>34</sup>		
Insulation Resistance <sup>35</sup>		
Insulating Oil Test <sup>36</sup>		
Overspeed Governors <sup>37</sup>		

## AUXILIARY ELECTRICAL EQUIPMENT

Generators <sup>38</sup>	
Motors <sup>39</sup>	
Switchboards <sup>40</sup>	
Circuit Breakers <sup>41</sup>	
Cables <sup>42</sup>	
Insulation Resistance <sup>43</sup>	
Steering Gear <sup>44</sup>	
Navigation Light Indicators <sup>45</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>	358 1257	360 358	654 358	458 358								
Connecting Rods, Top ends and Guides <sup>3</sup>	358 1257	358 360	654 358	458 358	458 360							
Crankpins and Bearings <sup>4</sup>	358 1257	2:59 360	10/57 360	X 2:59	458 360							
Journals and Bearings <sup>5</sup>	358	7:57	7:57	7:57	all 2:59, 360							
Compressors on Main Engine <sup>6,9</sup>												
Scavenge Pumps or Blowers <sup>11,16</sup>												
Supercharger <sup>17</sup>												
Clutch or Hydraulic Coupling <sup>21</sup>												
Magnetic Coupling <sup>7</sup>												
Thrust <sup>23</sup>	360	X										
Holding Down Bolts & Chocks <sup>25</sup>	358											
Main Engine Driven Pumps <sup>30</sup>												
Bilge												
S.W. Cooling												
F.W. Cooling												
Lub. Oil												
Fuel												
Bilge	2:59											
Ballast												
Fuel Transfer												
Fuel Service												
Cyl. Cooling												
Piston Cooling												
Lub. Oil												
Fuel Valve Cooling												
Feed	Both 2:59											
Cond. Circulating												
F.W. Coolers <sup>35</sup>												
Lub. Oil Coolers <sup>36</sup>												
Other Pumps having Bilge Connections												
Bilge, Ballast and O.F. Lines <sup>38</sup>												
Other Piping Arrgts. and Fittings <sup>39</sup>												
Condenser <sup>40</sup>												
Evaporator <sup>41</sup>												
Safety Valves <sup>42</sup>												
Oil Fuel Tanks <sup>43</sup>												
Steering Machy. <sup>44</sup>												
Windlass <sup>45</sup>												
Indep. Air Compressors <sup>46</sup>												
Main Air Receivers <sup>47</sup>												
Auxiliary Air Receivers <sup>48</sup>												
AUXILIARY ENGINES												
2 50												
1 50												



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