

Awatā Maru

MOTOR SHIPS

Awata Marn

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 ^{1,2} | | 9.57 | 7.58 | 9.57 | 7.57 | 7.57 | 9.60 | | | | | | |
| Connecting Rods, Top ends and Guides ³ | | 9.57 | 7.58 | 9.57 | 7.57 | 7.57 | 9.60 | | | | | | |
| Crankpins and Bearings ⁴ | | 9.57 | 7.58 | 9.57 | 7.57 | 7.57 | 9.60 | | | | | | |
| Journals and Bearings ⁵ | | 7.57 | 9.57 | 9.57 | 7.58 | 7.58 | 7.57 | 9.57 | 9.60 | | | | |
| Compressors on Main Engine ^{6,9} | | | | | | | | | Compr. Coolers ¹⁰ | | | | |
| Scavenge Pumps or Blowers ^{11,12} | | 9.57 | 7.58 | 9.57 | 7.57 | 7.57 | 9.60 | | | | | | |
| Supercharger ¹⁷ | | | | | | | | | | | | | |
| Clutch or Hydraulic Coupling ²¹ | | | | | | | Gearing ²² | | | | | | |
| Magnetic Coupling ⁷ | | | | | | | Air Gap ⁸ | | | | | | |
| Thrust ²³ | | | | Intermediate Shafting ²⁴ | | | | ^{1,2,3,4 - 7.57} ^{No 6. - 9.60} | | | | | |
| Holding Down Bolts & Chocks ²⁵ | | | | Crankcase Relief Devices ³¹ | | | | ^{7.58} | | ^{9.60} | | Engine Tested | |
| Main Engine Driven Pumps ³⁰ | Bilge | | | S.W. Cooling | | | F.W. Cooling | | | Lub. Oil | | | Fuel |

| 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

| STARBOARD MAIN ² 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 ^{1,2} | | 9.57 | 7.58 | 9.57 | 7.58 | 9.60 | 7.57 7.58 9.57 | | | | | | |
| Connecting Rods, Top ends and Guides ³ | | 9.57 | 7.58 | 9.57 | 7.58 | 9.60 | 7.57 | | | | | | |
| Crankpins and Bearings ⁴ | | 9.57 | 7.58 | 9.57 | 7.58 | 9.60 | 7.57 | | | | | | |
| Journals and Bearings ⁵ | | 7.57 | 9.57 | 7.57 | 9.60 | 7.58 | 7.57 | 9.57 | 9.60 | | | | |
| Compressors on Main Engine ^{6,9} | | | | | | | | | Compr. Coolers ¹⁰ | | | | |
| Scavenge Pumps or Blowers ¹¹⁻¹⁶ | | 9.57 | 7.58 | 9.57 | 7.58 | 9.60 | 7.57 | | | | | | |
| Supercharger ¹⁷ | | | | | | | | | | | | | |
| Clutch or Hydraulic Coupling ²¹ | | | | | | | | Gearing ²² | | | | | |
| Magnetic Coupling ⁷ | | | | | | | | Air Gap ^k | | | | | |
| Thrust ²³ | | | | | Intermediate Shafting ²⁴ | | | | | | | | |
| Holding Down Bolts & Chocks ²⁵ | | | | | Crankcase Relief Devices ³¹ | | | | | | | | |
| Main Engine Driven Pumps ³⁰ | | | | | Engine Tested | | | | | | | | |
| Bilge | | S.W. Cooling | | F.W. Cooling | | Lub. Oil | | Fuel | | | | | |
| Independent Pumps ⁸ | | Piston Cooling | | Lub. Oil | | Fuel Valve Cooling | | Fuel Service | | | | | |
| Feed | | Cond. Circulating | | F.W. Coolers ³⁵ | | Lub. Oil Coolers ³⁶ | | Other Pumps having Bilge Connections | | | | | |
| Other Piping Arrngts. and Fittings ³⁴ | | Evaporator ³² Safety Valves ³³ | | Oil Burning Arrgts. | | Fire Ext. Arrgts. ⁴⁶ | | Comp. Coolers | | | | | |
| Main Air Receivers ³⁹ | | Auxiliary Air Receivers ⁴⁰ | | AUXILIARY ENGINES | | 3-5 cyl @ 2300kw | | 1 diesel @ 400kw | | | | | |