

HIKAWA MARU

MOTOR SHIPS

HIKAWA MARU

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 | | | 10-58 | 4/60 | 10-58 | 10/59 | | 10-58 | 10/59 | | | | |
| Connecting Rods, Top ends and Guides ³ | | | 10-58 | 4/60 | 10-58 | 10/59 | | | 10/59 | | | | |
| Crankpins and Bearings ⁴ | | | 10-58 | 4/60 | 10-58 | 10/59 | | | 10/59 | | | | |
| Journals and Bearings ⁵ | | | 10-58 | 4/60 | 10-58 | 10/59 | 10/59 6.58 | 10/59 | | | | 10/59 | |
| Compressors on Main Engine ⁶⁻⁹ (2) F-4-59 A-10/59 | | | | | | | | | Compr. Coolers ¹⁰ F-4-59 A-10/59 | | | | |
| Scavenge Pumps or Blowers ¹¹⁻¹⁶ | | | | | | | | | | | | | |
| Supercharger ¹⁷ | | | | | | | | | | | | | |
| Clutch or Hydraulic Coupling ²¹ | | | | | | | Gearing ²² | | | | | | |
| Magnetic Coupling ⁷ | | | | | | | Air Gap ^k | | | | | | |
| Thrust ²³ | | | | | Intermediate Shafting ²⁴ | | | | | 1, 2, 3, 4 15-10/59 | | | |
| Holding Down Bolts & Chocks ²⁵ | | | | | Crankcase Relief Devices ²¹ | | | | | 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

| Generators ^l | Navigation Light Indicators ^o | |
|------------------------------------|--|----------------------------|
| Motors ^m | | |
| Switchboards ⁿ | | |
| Circuit Breakers ^o | | |
| Cables ^p | | |
| Insulation Resistance ^r | | |
| Steering Gear ^r | | |
| | main (4) | <u>Blast injection</u> (4) |
| | AUX. (3) | <u>Starting air</u> (4) |

[illegible]