PURPOSE

The Recording Control and Distributing Outfit RDA is intended for the switching, fusing and distribution of the power supplies to, and the operational switching and control of, the trials recording equipment fitted in the H.M.S. Prince-class guided-missile destroyers (R.D.J).

BRIEF DESCRIPTION

The Recording Power Distribution Cabinet contains switches, indicating lamps and fuses associated with the distribution of the power supplies to the recording equipment. The Recording Control cabinet contains intercom equipment, a 3-channel fixed-open event recorder, and switches and indicating lamps for the remote control of the recording equipment. In addition, 2 pulse per second timing signals and identification signals are distributed from the R.C.C. to the recording equipment.

POWER REQUIREMENTS

Recording Control Cabinet
24 V d.c. 10 amp (maximum)
115 V 60 Hz 1 phase 5.0 amp
110 V 60 Hz 1 phase 0.5 amp (Conditioning Heaters)
220 V a.c. 5.0 amp (approximately)
440 V a.c. 120 Hz (Maximum)

Recording Power distributing Cabinet
Indicator lamps only.

HEAT DISSIPATION

300 W maximum.

MAJOR UNITS AND PHYSICAL DATA

<table>
<thead>
<tr>
<th>PATTERN NUMBER</th>
<th>DESCRIPTION</th>
<th>HEIGHT</th>
<th>WIDTH</th>
<th>DEPTH</th>
<th>WEIGHT (LB)</th>
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<tbody>
<tr>
<td>5390-5 700055</td>
<td>Cabinet, Recording, Power Distribution</td>
<td>5 ft 9 in</td>
<td>1 ft 10 in</td>
<td>6 in</td>
<td>275 (approx)</td>
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<tr>
<td>11390-5 700050</td>
<td>Cabinet, Recording Control</td>
<td>5 ft 9 in</td>
<td>1 ft 10 in</td>
<td>1 ft</td>
<td>325 (approx)</td>
</tr>
<tr>
<td>11390-5 700053</td>
<td>Recorder, Event, Drive unit</td>
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<td></td>
<td></td>
<td>(less tape-recorder)</td>
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</table>

NOTE: A Recording Outfit RDA(3) is required with this equipment.

HANDBOOK

BR 4327

ESTABLISHMENT LIST

None. Spares are listed in BR 226.

INSTALLATION SPECIFICATION

Rev 4ADB/ADN(3), appendix E

RESTRICTED