PURPOSE
The recording Control and Distribution Outfit RDA(2) is intended for the switching, fusing and distribution of the power supplies to, and the operational switching and control of the GWS2 trials recording equipment fitted in County-class Guided Missile Destroyers. Provision is made for recording the sequence and timing of events occurring on the GWS2 system, and for recording intercom information.

BRIEF DESCRIPTION
The Recording Power Distribution Cabinet (RPDC) contains switches, indicating lamps and fuses associated with the distribution of power supplies to the Recording Control Cabinet (RCC), the Digital Data Recorder (DDR), the Telemetry Head Amplifier, and Tracking Camera lens heater or photo-electric cell amplifier.

The RCC contains intercom equipment, a 30-channel fixed pen event recorder and a switch and indicator panel for controlling the recorder equipment. In addition circuitry is provided to produce Fuze setting, Missile gone, Timing (1 pulse per second) and identification signals.

MAJOR UNITS

<table>
<thead>
<tr>
<th>Description</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>1430-S 700322</td>
<td>160.0 cm (63 in.)</td>
<td>55.9 cm (22 in.)</td>
<td>20.3 cm (8 in.)</td>
<td>125 Kg (275 lb)</td>
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<tr>
<td>1430-S 700323</td>
<td>160.0 cm (63 in.)</td>
<td>55.9 cm (22 in.)</td>
<td>30.5 cm (12 in.)</td>
<td>147 Kg (325 lb)</td>
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<tr>
<td>1430-S 7000053 or AP 103620</td>
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<tr>
<td>Recorder, Event, Drive Unit</td>
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<tr>
<td>Recorder Outfit REH(3)</td>
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POWER REQUIREMENTS
- 115 V 60 Hz 1 phase, 1.5 A
- 115 V 60 Hz 1 phase, 0.4 A, Conditioning heaters
- 220 V dc 0.5 A
- 420 V dc 120 mA
- 24 V dc 10 A

HANDBOOK
BR 2487

ESTABLISHMENT LIST
WE883754(01)

INSTALLATION SPECIFICATION
81151