AERIAL OUTFITS AQQ(2) AND AQQ(3)

SUMMARY OF DATA

PURPOSE

For use with Type 960 to give aircraft warning and height indication.

FREQUENCIES

Five spot frequencies:

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Description</th>
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<tbody>
<tr>
<td>960 MHz</td>
<td>Primary</td>
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<tr>
<td>88.0 MHz</td>
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</tr>
<tr>
<td>88.4 MHz</td>
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<tr>
<td>84.4 MHz</td>
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<tr>
<td>82.8 MHz</td>
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AERIAL ROTATION SPEED

Up to 7 rev/min, clockwise; up to 2 rev/min, counter-clockwise.

BEAM WIDTH

30° horizontal.

AERIAL GAIN

28 dB

BRIEF DESCRIPTION

The aerial array consists of two 'box' elements, each consisting of two half-wave dipoles and reflectors. Training speed and direction is controlled either from Control unit 20N (AQQ(2)) or Control unit Des. 184 (AQQ(3)) in the Type 960 office, or from Control unit 20P (960, 962 combination) or Control unit Des. 96 (w/o 273 combination) in the R.O.R. The aerial is stabilised in azimuth. AQQ(2) provides M-type aerial true bearing transmission and AQQ(3) provides angular transmission to type Type 960 displays.

POWER REQUIREMENTS

220 V at 50/60 Hz single phase
50/60 V, 50/60 Hz single phase (in same phase as 230 V)
220 V a.c.
24 V d.c.

POWER SUPPLY OUTFITS

Supply Outfits 220V, 50/60 Hz or 24V in a.c. ships.
Supply Outfits 230V in d.c. ships.
HANDBOOK
RF 1339

ESTABLISHMENT LIST
C 081

INSTALLATION SPECIFICATIONS

# a 277 (eqq(2))
# a 277/415 (type 940)
AERIAL OUTFIT AQQ