

AERIAL OUTFITS ANU(1), ANU(2), ANU(3) AND ANU(4)

ANU(1)  
ANU(2)  
ANU(3)  
ANU(4)

SUMMARY OF DATA

PURPOSE

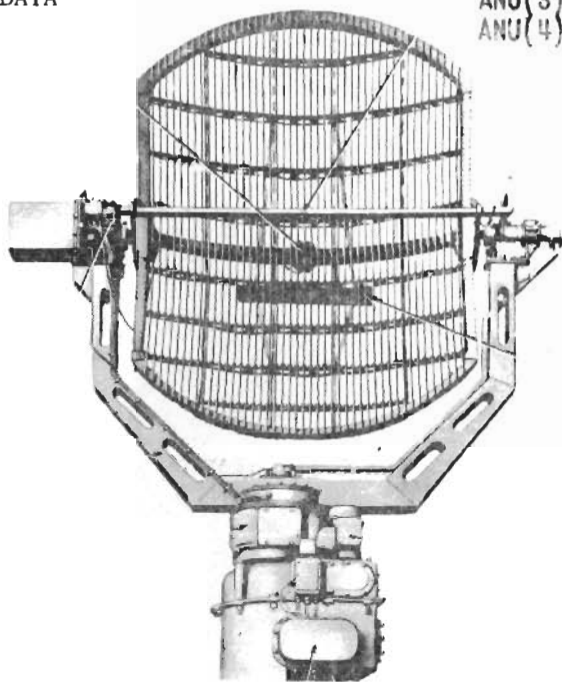
For use with Radars Type 277Q and 278, height finding and surface warning.

BEAM WIDTHS

4.5° Horizontal ) To half field strength.  
2.5° Vertical

BRIEF DESCRIPTION

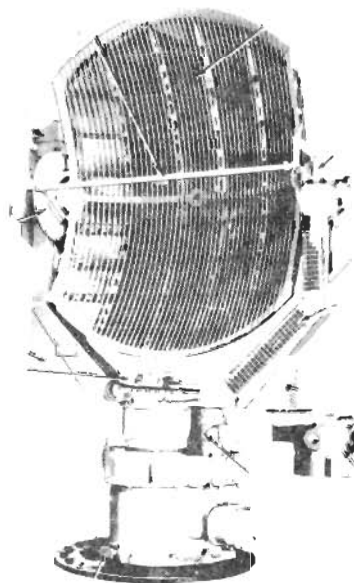
- ANU(1) Elevation stabilisation is by means of a mechanical air and oil system, controlled by an air driven vertical gyro. Azimuth stabilisation and elevation setting are controlled by an 'M' Type transmission system.
- ANU(2) Stabilisation in line of sight is all electric. Elevation control is by magflip. Azimuth stabilisation as for ANU(1).
- ANU(3) Basically ANU(1) aerial with a different Bearing Transmission Unit.
- ANU(4) Basically ANU(2) aerial with an ANU(1) Bearing Transmission Unit.



ANU(1)(3)

MAJOR UNITS

AP No.	Description
<u>ANU(1), ANU(3)</u>	
65742A	Reflector Unit
657418	Pedestal Unit 19AT
65743B	Control Table
55727A	Elevation Control Unit, Des. 2 (when H.P.I. facilities are fitted)
55679A	Elevation Control Unit, Des. 1 (when H.P.I. facilities are not fitted)
186071	Bearing Transmission Unit (ANU(1))
186073	Bearing Transmission Unit (ANU(3))
<u>ANU(2), ANU(4)</u>	
70005	Reflector Unit, Des. 15, Outfit ANU(2)
64620	Pedestal Unit 58J
70210	Control Table
70012	Control Unit, Des. 131
65029	Control Unit, Des. 126
70013	Starter
71302	Auxiliary Control Panel } D.C.
70217	M.G. Set } Ships
70487	Starter
71301	Auxiliary Control Panel } A.C.
70011	M.G. Set } Ships
186072	Bearing Transmission Unit (ANU(2))
186071	Bearing Transmission Unit (ANU(4))



ANU(2)(4)

PHYSICAL DATA

	<u>ANU(1), ANU(3)</u>	<u>ANU(2), ANU(4)</u>
Overall Height of Aerial	12 ft 9 in	12 ft 9 in
Turning Circle (Radius)	5 ft 1 in	4 ft 9 in
Weight	2300 lb	2900 lb
Control Table	Height 2 ft 6 in Width 4 ft Depth 2 ft Weight 546 lb	As for ANU(1)

## RESTRICTED

BR 333(1)  
Original

### POWER REQUIREMENTS

ANU(1), ANU(3)

230 V 50/60 Hz 3 phase  
180 V 500 Hz  
50 V 50/60 Hz  
24 V d.c.  
220 V d.c.  
115 V 400 Hz

ANU(2), ANU(4)

As for  
ANU(1), ANU(3)  
with addition of  
440 V 60 Hz 3 phase  
(A.C. ships only)

### HANDBOOK

BR 1195(1)(2)

### ESTABLISHMENT LIST

E 1170

### INSTALLATION SPECIFICATION

Aerial Outfit 8836  
Control Table 8837/8