TYPES 268 and 268U
SUMMARY OF DATA

PURPOSE

frequency

WAVELENGTH

POWER OUTPUT

PULSE REPETITION FREQUENCY

PULSE LENGTH

BEAM-WIDTH

AERIAL ROTATION SPEED

INTERMEDIATE FREQUENCY

RECEIVER BANDWIDTH

POWER REQUIREMENTS AND CONSUMPTION

HEAT DISSIPATION IN OFFICE

surface limiting and horizontal slit, 9400 Hz, 0.8 centimeters, 500 pulses per second, 0.75 microseconds, horizontal 2.5°, vertical 5°, 22 rpm, 31 Hz/s, 8 Hz/s.

(1) 180W 500 c/s 1 kW, (11) 9W D.C. 15W, (111) 110/220V D.C. 0.5 W.

910 watts.

MAJOR UNITS

R.L. 667 Rack No. 1 comprising:
(11) R.L. 599 B.F. and Modulator Chassis.
(111) R.L. 3459 Magnetron Switch.

R.L. 668 Rack No. 2 comprising:
(1) R.L. 660 Monitor Chassis.
ASSOCIATED POWER
SUPPLY OUTFIT

ASSOCIATED AERIAL

Aerial Outilt A.A. which is a power driven continuously rotating parabolic dish. The main component is aerial rotator and Parabolic Assembly. R.E.C. 577 (110 volts) or R.E.C. 786 (240 volts).

PHYSICAL DATA

Total Weight of Office Equipment 950 lb
Total Weight of Aerial Outilt A.A. 160 lb
Total Weight of Remote Display 75 lb
Minimum Dimensions of Office 5' x 5' x 6' 6" x 6' 6" high

BRIEF DESCRIPTION

A Canadian set designed for the Navy towards the end of the war. No more are being bought although a large number are in existence. The set was originally designed for use mainly in Coastal Craft but has since been fitted as a surface warning set in Hunt Class Destroyers and armed as an interim navigational set in cruisers and above. Type 265 is the set fitted in ships except Coastal Craft which have Type 266A. The only difference between the two types is the method of wiring and in the aerial mounting. Type 266B is not fitted with Test Set Design 7.

REMARKS

(1) No interrogation facilities can be provided.

(2) Only one remote indicator can be fitted.

HANDBOOKS

R.E.C. 1312 (Type 266)
R.E.C. 1356 (Servicing Manual for Type 266)
R.E.C. 1625 (Test Set Design 7)

ESTABLISHMENT LIST

INSTALLATION SPECIFICATION

E968

566