

SUMMARY OF DATA

PURPOSE

To provide highly accurate (1 part in  $10^9$ ) and stable frequency outputs at 5 MHz, 1 MHz and 100 kHz. Only the 100 kHz output is used.

BRIEF DESCRIPTION

The equipment consists of a cabinet containing three Generator Frequency Standards, Distribution and Monitoring Drawer and a Frequency Comparator Drawer. Each Generator Frequency Standard has a built in battery providing an automatic emergency supply. Visual warning facilities are fitted to indicate a failure of the 100 kHz supply from the Generator Frequency Standard or a failure in one of the output circuits.

MAJOR UNITS

Cabinet, Electrical Equipment	5895-99-972-5260
Generator, Standard Frequency	5895-99-972-5883
Frequency Distribution and Monitoring Drawer	5895-99-972-5262
Comparator Signal Drawer	5895-99-972-5261

PHYSICAL DATA

Cabinet, Electrical Equipment

Height	Width	Depth	Weight
5 ft 3 in	2 ft	2 ft 6 in	620 lb (including units)

POWER REQUIREMENTS

115 V 60 Hz 150 W  
 115 V 60 Hz )  
 or For Anti-Condensation Heaters  
 115 V d.c. )

HANDBOOK

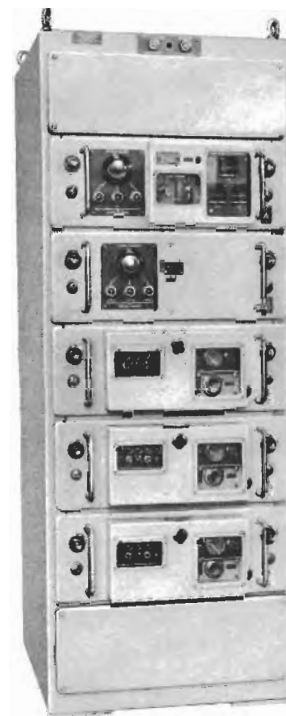
BR 2427

ESTABLISHMENT LIST

E. 1476

INSTALLATION SPECIFICATION

B.984



FREQUENCY STANDARD OUTFIT FSA(4)