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I put a lot of time into producing these files which is why you are met with this page when you open the file.

In order to generate this file, I need to scan the pages, split the double pages and remove any edge marks such as punch holes, clean up the pages, set the relevant pages to be all the same size and alignment. I then run Omnipage (OCR) to generate the searchable text and then generate the pdf file.

Hopefully after all that, I end up with a presentable file. If you find missing pages, pages in the wrong order, anything else wrong with the file or simply want to make a comment, please drop me a line (see above).

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*Colin Hinson*

*In the village of Blunham, Bedfordshire, UK.*

## 4.6. D.F. OUTFIT FU3

DATE OR DESIGN. 1960

HANDBOOKS. B.R. 1175 (1) Operating Instructions and Technical Description and Maintenance

B.R. 1175 (2) Block layout and Circuit Diagrams

B.R. 1175 (3) Remote D.F. Indicator

ESTABLISHMENT LIST. E 1204

FREQUENCY RANGE. 225 to 399.9 Mc/s

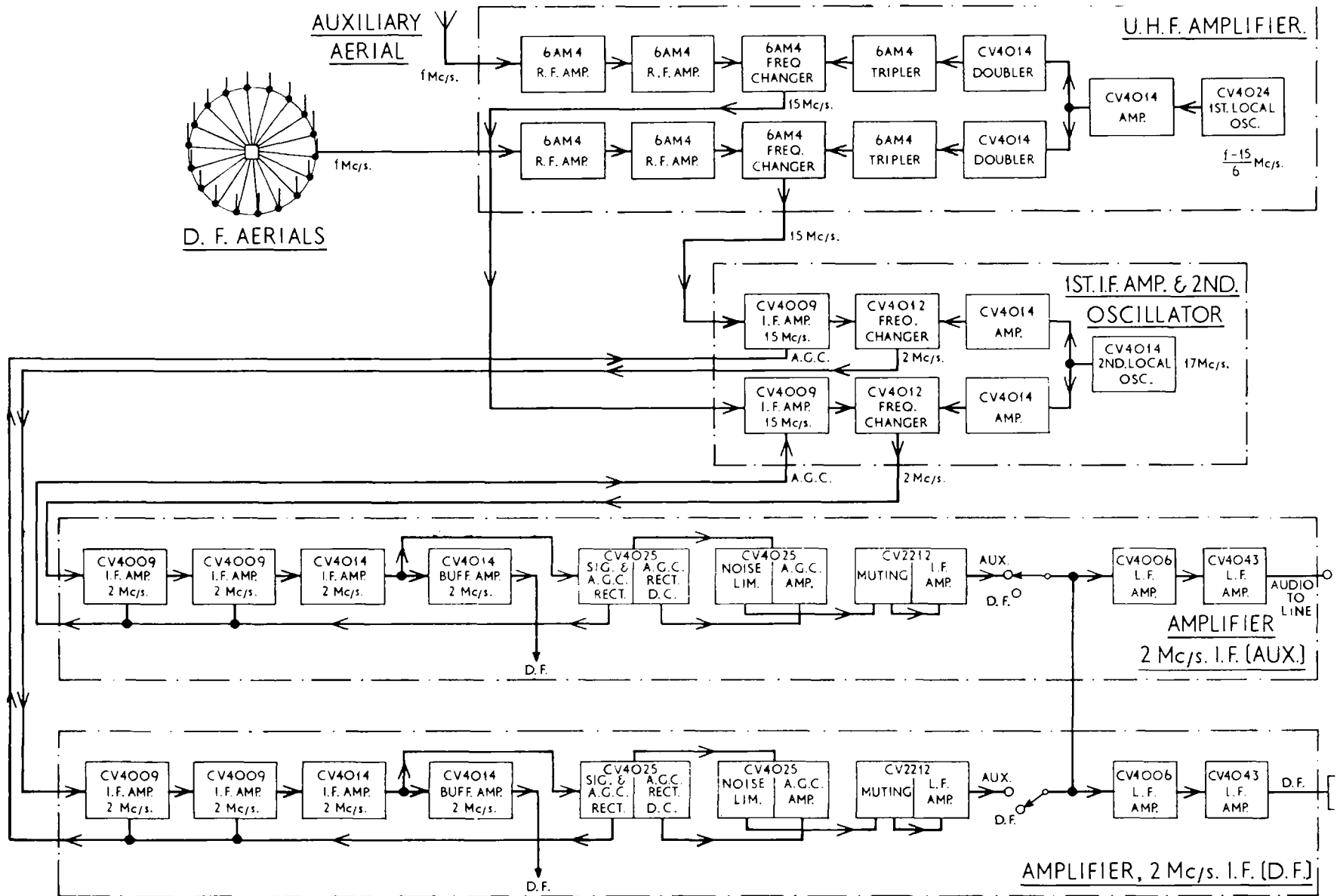
POWER SUPPLY. 115 or 230 V 45 to 65 c/s. Single phase a.c.

POWER CONSUMPTION. 1.2 kW

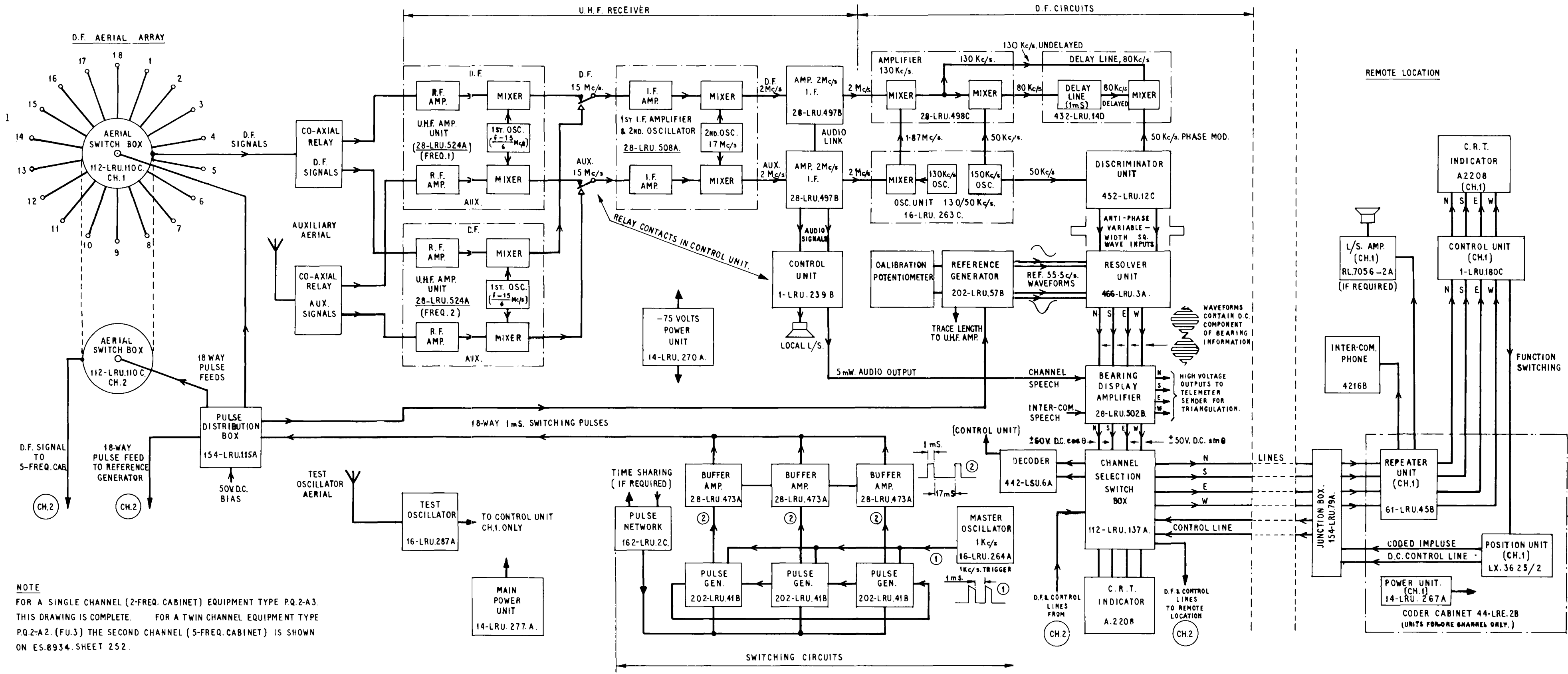
### GENERAL

1. FU 3 is a modified shore installation similar to D.F. Outfit FU1, the principal difference between the outfits being:

- a.* Two independent channels are available, one functioning on either of two pre-selected frequencies and the other on any one of five pre-selected frequencies, outputs from the receiver i.f. stages being switched to their respective i.f. stages as required.
- b.* Outputs are provided from each display for feeding into the UHF Triangulation Fixer network.
- c.* The D.F. Array consists of the 18 unipole system only.
- d.* The Receivers' first and second i.f.s are 15 Mc/s and 2 Mc/s respectively with the second local oscillator crystal controlled at 17 Mc/s.
- e.* On a Naval Air Station, a D.F. Building houses the main equipment, the remote control and display being available in the airfield control tower.
- f.* For description see D.F. Outfit FU1 details.



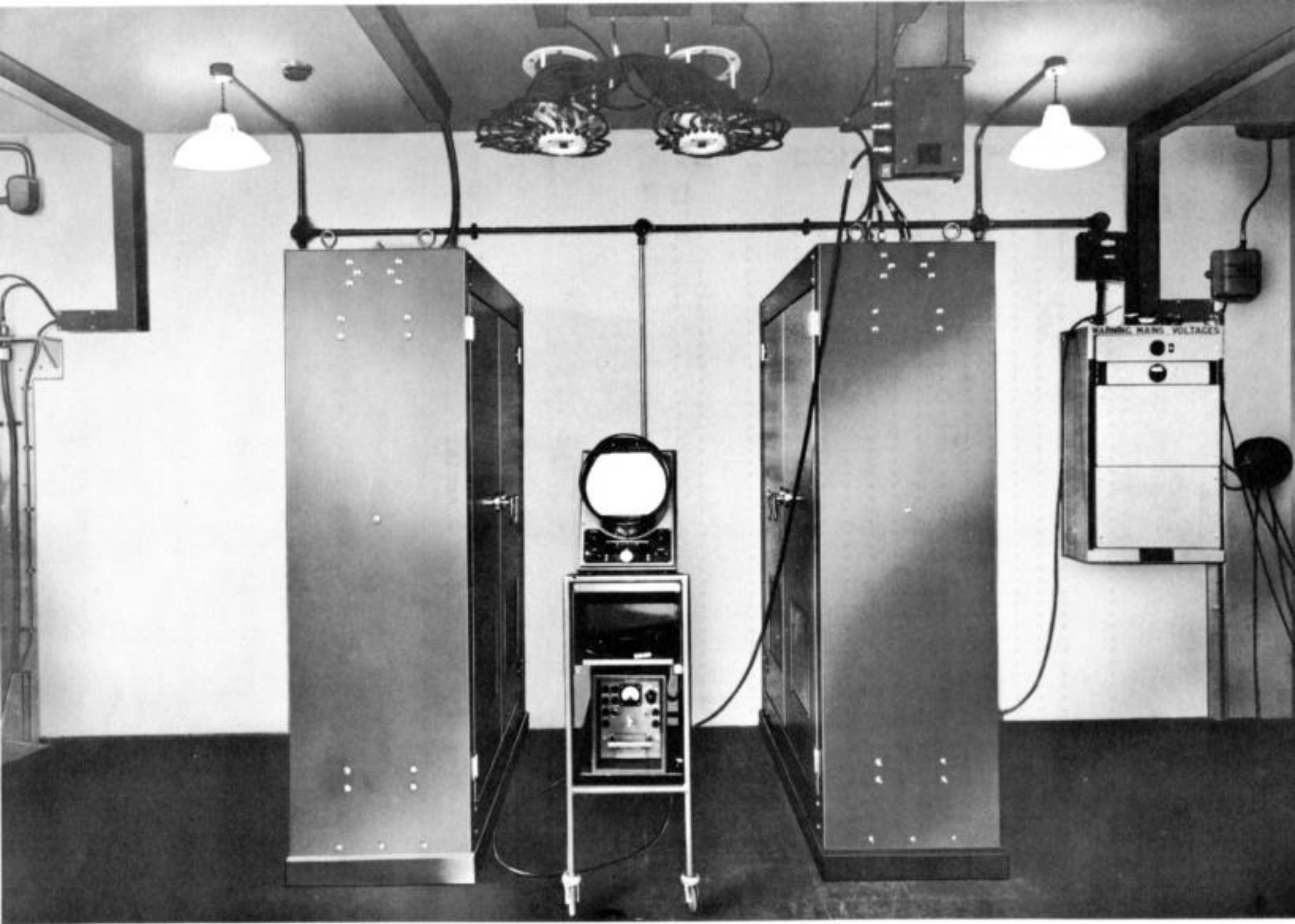
OVERALL BLOCK DIAGRAM, F.U.3. RECEIVER.



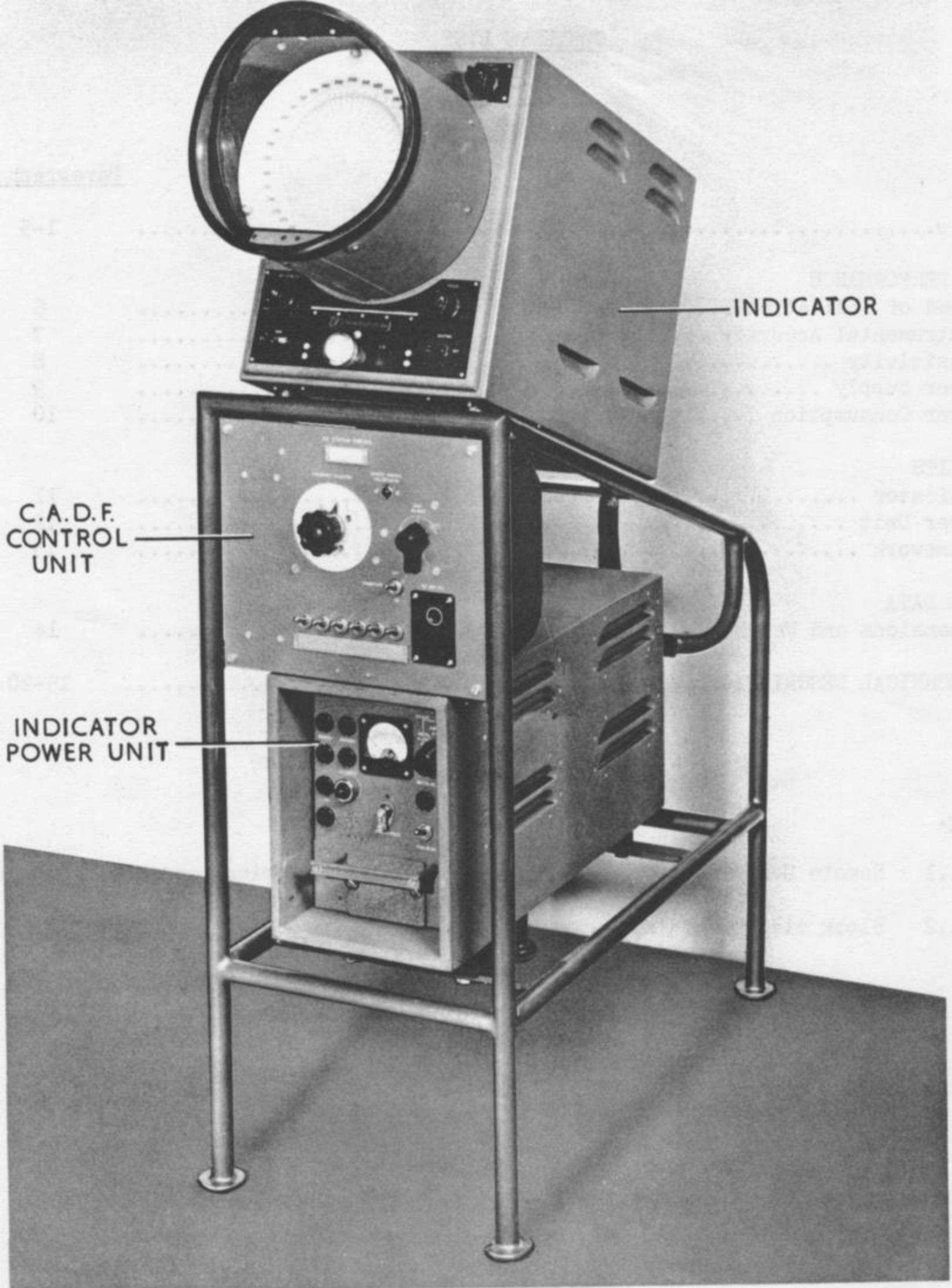
**NOTE**  
 FOR A SINGLE CHANNEL (2-FREQ. CABINET) EQUIPMENT TYPE PQ.2-A.3.  
 THIS DRAWING IS COMPLETE. FOR A TWIN CHANNEL EQUIPMENT TYPE  
 PQ.2-A.2. (FU.3) THE SECOND CHANNEL (5-FREQ. CABINET) IS SHOWN  
 ON ES.8934. SHEET 252.

**OVERALL BLOCK DIAGRAM  
 OF TWO FREQUENCY EQUIPMENT**





C.A.D.F. OUTFIT FU3 (IN D.F. BUILDING)



INDICATOR

C.A.D.F.  
CONTROL  
UNIT

INDICATOR  
POWER UNIT

**REMOTE D.F. INDICATOR TYPE A2208 H  
(MOUNTED ON TYPICAL CONSOLE FRAMEWORK)**