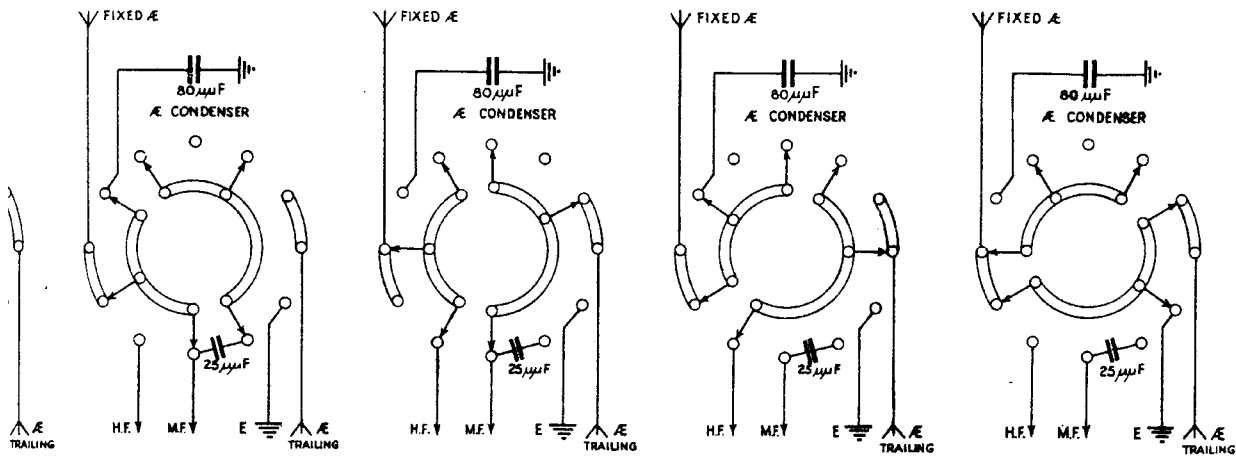


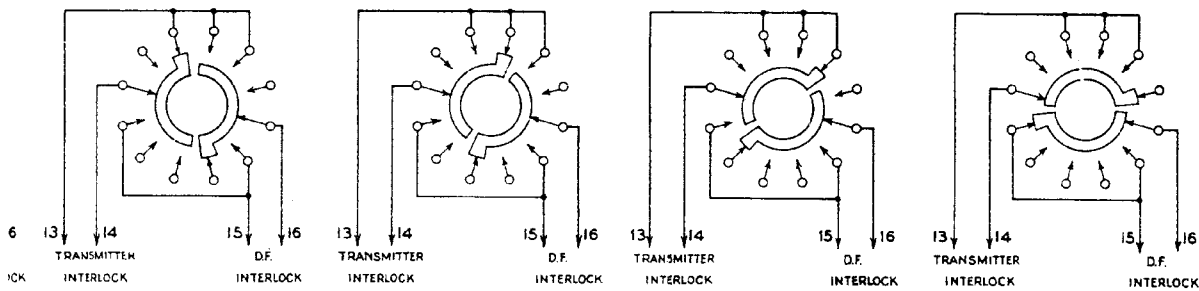
**AERIAL SWITCHING UNIT, Type J
THEORETICAL CONNEXIONS**

	P0
D.F. <u>POSITION 1</u>	M.F. C <u>POSITION 1</u>
MAIN SWITCH	MAIN
FIXED A.E. TO H.F. & M.F.	FIXED A.E. LOAD
AUXILIARY SWITCH	AUXILIARY
TRANSMITTER INTERLOCK OPEN CIRCUIT	TRANSMITTER INTERLOCK CLOSED CIRCUIT
D.F. INTERLOCK CLOSED CIRCUIT	D.F. INTERLOCK CLOSED CIRCUIT

FIG. 8



POSITION OF MAIN SWITCH



POSITION OF AUXILIARY SWITCH GANGED TO MAIN SWITCH

M.F. ON FIXED POSITION 2

MAIN SWITCH

FIXED Æ TO M.F. & Æ LOADING CONDENSER

AUXILIARY SWITCH

TRANSMITTER INTERLOCK CLOSED CIRCUIT
D.F. INTERLOCK OPEN CIRCUIT

NORMAL POSITION 3

MAIN SWITCH

FIXED Æ TO H.F.
TRAILING Æ TO M.F.

AUXILIARY SWITCH

TRANSMITTER INTERLOCK CLOSED CIRCUIT
D.F. INTERLOCK OPEN CIRCUIT

H.F. ON TRAILING POSITION 4

MAIN SWITCH

TRAILING Æ TO H.F.

AUXILIARY SWITCH

TRANSMITTER INTERLOCK CLOSED CIRCUIT
D.F. INTERLOCK OPEN CIRCUIT

EARTH POSITION 5

MAIN SWITCH

FIXED & TRAILING Æ'S TO EARTH

AUXILIARY SWITCH

TRANSMITTER INTERLOCK OPEN CIRCUIT
D.F. INTERLOCK CLOSED CIRCUIT

FIG. 8