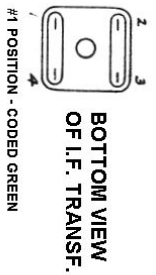
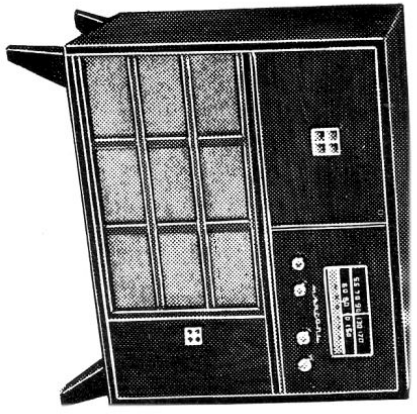


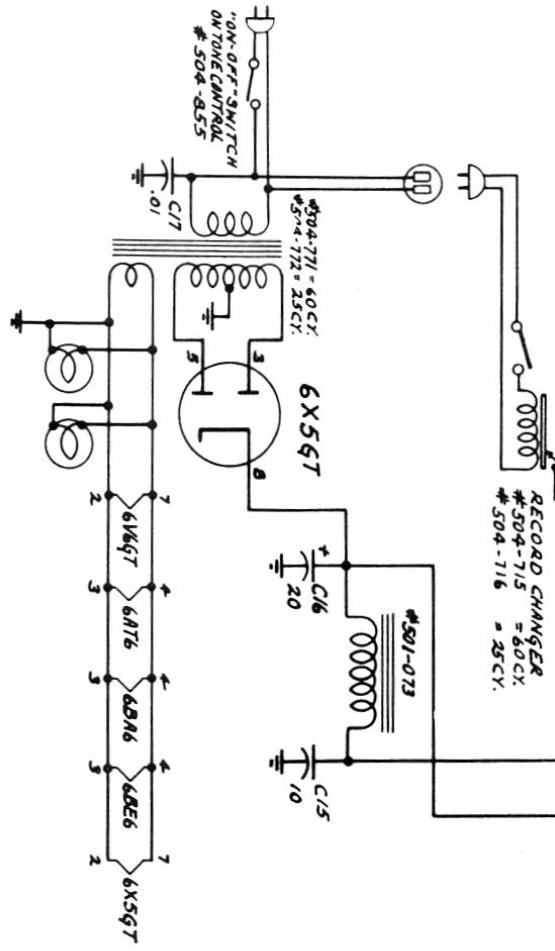
Fig. 1



BOTTOM VIEW
OF I.F. TRANSF.



Marconi Model 293



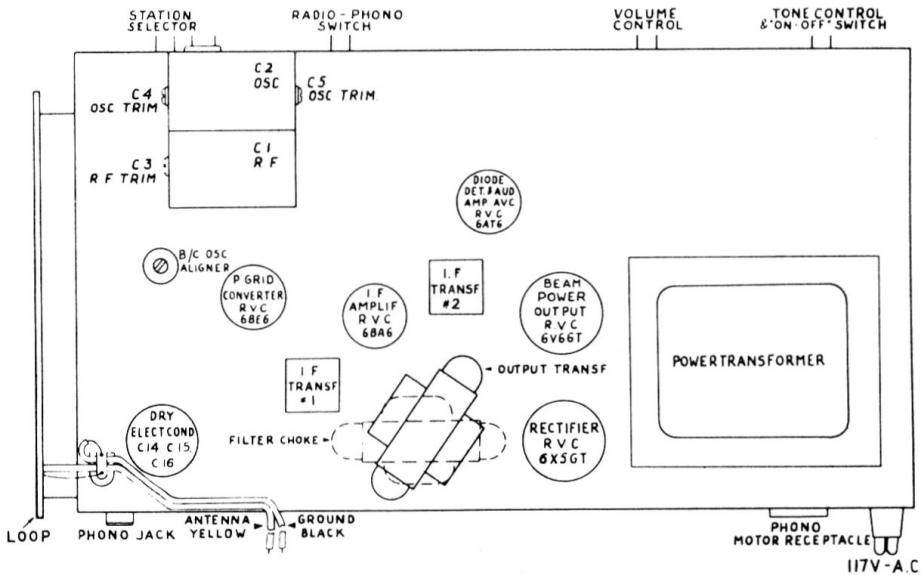
Marconi Model 293 Alignment Procedure

CONNECT S.G. OUTPUT TO	INPUT FREQUENCY	DIAL SETTING	ADJUST	CIRCUITS RESONATED	REMARKS
# C.G. 6BE6	455 K.C.	GANG AT MIN.	TOP & BOTTOM ALIGNERS	NO. 2 I.F. NO. 1 I.F.	ADJUST FOR MAXIMUM OUTPUT
## A & G LEADS	1720 K.C.	1720 K.C.	C4	OSCILLATOR	ADJUST FOR MAXIMUM OUTPUT
A & G LEADS	1500 K.C.	1500 K.C.	C3	R.F.	ADJUST FOR MAXIMUM OUTPUT
A & G LEADS	580 K.C.	580 K.C.	OSC. CORE	OSC. PADDER	ROCK GANG FOR MAXIMUM OUTPUT

LUG ON R.F. SECTION OF GANG FORMS SUITABLE POINT OF CONNECTION.

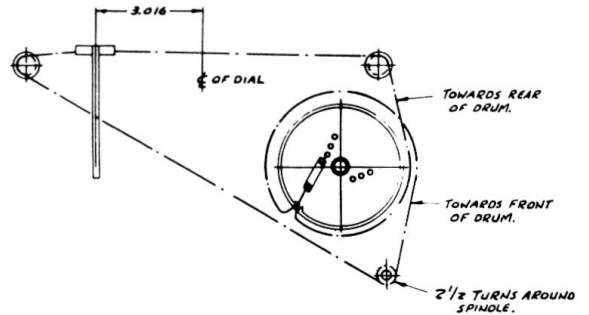
##BEFORE PROCEEDING WITH R.F. ALIGNMENT, SEE THAT DIAL CURSOR IS SET ON HOLE AT EXTREME LEFT OF DIAL BACKPLATE WITH GANG AT MAXIMUM.

VALVE LOCATION CHART



ARRANGEMENT OF DRIVE CORD WITH CONDENSER PLATES FULL IN & CURSOR AT FULL COUNTER CLOCKWISE POSITION OF ITS TRAVEL, ON HOLE AT EXTREME LEFT OF DIAL BACK PLATE.

DRIVE CORD ARRANGEMENT,



NOTE: Four index marks are provided on the upper edge of dial backplate to indicate respectively, starting from left end: Gang fully meshed, 580, 1000 and 1500 Kc.

VOLTAGE AND CURRENT DATA

RADIO

Rectifier Voltage (PIN 8-6X5GT)	270 v.
Choke Output Voltage (PIN 4-6V6GT)	260 v.
Screen Voltage (PIN 6-6BE6)	87 v.
Output Plate Voltage (PIN 8-6V6GT)	11.5 v.
Output Plate Voltage (PIN 3-6V6GT)	240 v.
Total Output Current	43 Ma.
Choke Output Current	21 Ma.

Above readings are approximate and will vary depending on the resistance of the voltmeter used. Readings are taken on lowest scale that will accommodate the voltage under test.

Marconi Model 293