

HARRISCOMMUNICATIONS AND
INFORMATION HANDLING

SERVICE BULLETIN

MAINTENANCE AND MODIFICATION DATA

Broadcast Products Division

Equipment:

MW-5 Transmitter

Bulletin No. AM-107-EEB**Date** 2/7/77

Please make the following changes:

1. Run Relay

On relay 1A4K4 located on the front control panel replace the rear set of contacts with silver contacts. This change will provide correct contacts for the low current application.

Right terminal contact	584-0225-000
Left terminal contact	584-0226-000
Movable contact (armature)	584-0227-000
Spring	584-0228-000

2. Remote Voltage Indicator

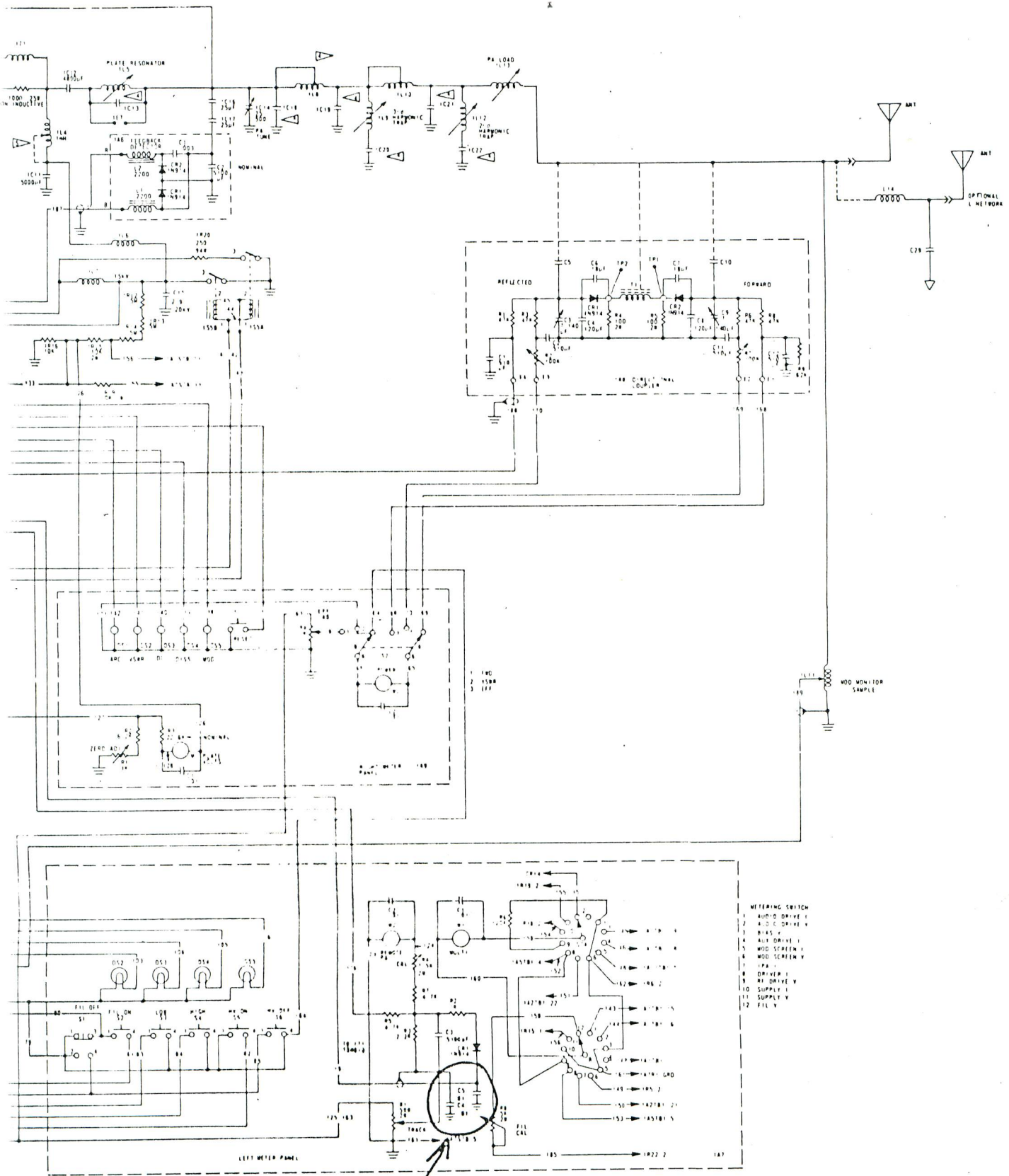
To improve the output linearity and tracking of this circuit add two $\frac{1}{4}$ watt, 1 megohm resistor, Harris part number 540-0984-000. These resistors are to be connected from pins 11 and 12 to pin 14 of U-1 on the Flag and Overload Assembly, Board 1A2A2 as shown on the attached drawing. Readjustment of R-22 on the flag and overload assembly and the remote control system pot for proper balance as the transmitter is cycled between low and high power, will be necessary.

3. Remote Plate Current Indicator

To make the meter less susceptible to high modulation peaks add two .01 mfd. 1000 volt capacitors, Harris part number 516-0082-000, as shown on the attached drawing. Readjustment of the tracking and calibration controls (1A7R1 and 1A7R4) are necessary.

Please mark your instruction book schematic diagrams and parts lists to reflect these changes.

The parts required for these modifications are available from Harris Broadcast Products Division, Service Parts Department. These are not "no charge" items.



*SECTION 3
ADDITIONAL
.01 MFD
CAPACITORS*

FIGURE 8-2. MW-5A TRANSMITTER, OVERALL SCHEMATIC 852 7591 002