

HARRISCOMMUNICATIONS AND
INFORMATION HANDLING**SERVICE BULLETIN****MAINTENANCE AND MODIFICATION DATA**

Broadcast Products Division

Equipment: MW-5 AM TRANSMITTER

Bulletin No. AM-098-JFR

Date NOVEMBER 24, 1975

PLEASE MAKE THE FOLLOWING CHANGE IMMEDIATELY

Capacitor 1A3C2A on the isolated plate assembly must be changed. This is the cathode efficiency resonator capacitor. Check your test sheets for the present value and part number:

<u>OLD NUMBER</u>	<u>VALUE</u>	<u>NEW NUMBER</u>
500-1165-000	(.0039)	504-0285-000
500-0684-000	(.003)	504-0041-000
500-0682-000	(.002)	504-0039-000
500-0680-000	(.001)	504-0680-000

The capacitor style is changed to F-2 and thus the mounting must be changed. Mount the new capacitor directly behind 1A3C2 on the Epoxy mounting plate and connect to 1A3C2 with either strap or short pieces of jumper wire. After installation, the cathode efficiency resonator should be adjusted as usual for minimum plate voltage or minimum distortion. Minimum plate voltage and minimum distortion points are either coincidental or within 100-200 plate volts of each other.

This change is necessary because excessive current can flow through the old style capacitor under some conditions. Contact Harris Service Parts for a "no charge" replacement capacitor.