communications

DATAFILE BULLETIN

FILE UNDER: Receivers

ER-42-B

BULLETIN NO: 1086-1

DATE: March 1965

Equipment: 406—470 MC MASTR Progress Line Receivers

Symptom:

- AUDIO HOWLING
- SPURIOUS RESPONSE ±455 KC FROM CENTER FREQ.

Cause: Feedback within receiver cabling. Spurious response most apt to be noticed when meter panel or test set is used.

Factory Solution:

Model Number	Revision
4ER42B10 thru 45	B

This revision eliminated the feedback by adding capacitor C435 across pins 13 and 19 of J443 and capacitor C436 from J442-4 to ground.

Field Solution: This revision can be made in the field by soldering a .001-uf capacitor from pin 13 to pin 19 of J443 inside the receiver. Also, solder a .002-uf capacitor from J442-4 to ground G11.

Ordering Info: Capacitors C435 and C436 are available from Service Parts.

Qty.	Symbol Number	G-E Part No.	Description
1	C435	7774750-P4	Capacitor, fixed ceramic disc: .001 uf +100% -0%, 500 VDCW.
1	C436	7774750-P6	Capacitor, fixed ceramic disc: .002 uf +100% -0%, 500 VDCW.