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COMPILED BY

*F. B.*

# TMC SPECIFICATION NO. S- 708

TITLE: LOW LINE VOLTAGE CONTACTOR CORRECTION GPT-10KL

JOB

APPROVED *[Signature]*

MODIFICATION KIT 139

## 1. PURPOSE

- a. The purpose of this modification is to provide semi-automatic compensation for A.C. Relay drop out or failure to close due to low line voltage or inadequate A.C. source regulation. It is applicable to all TMC Model GPT-10K Radio Transmitters as required.

## 2. MATERIAL REQUIRED

- a. One (1) 30" length # 18 insulated wire (purple-white) with lug on one end to fit a 10-32 screw.

## 3. PROCEDURE

- a. Remove the IPA low voltage fuse F-2004.
- b. Remove the three purple-white leads from the top connection of CB-1002 (The High Voltage Breaker). These leads utilize a common terminal lug at the point of connection.
- c. Separate the three purple-white leads.
- d. Using an ohmmeter identify the purple-white lead which goes to the IPA low voltage fuse.
- e. Tape up this lead at the circuit breaker end as it will no longer be required.
- f. Add the new purple-white lead to the remaining two purple-white leads and connect to the same terminal at the top of CB-1002 from which the three leads were removed in step 2b above.
- g. Run the new purple-white lead along the control panel to the filament tap switch, S-1002, and connect it to the 230 volt tap. The 230 volt tap may be identified by an existing yellow lead.
- h. Solder the connection.
- i. Replace the IPA low voltage fuse, F-2004 removed in step 2a above.