

DATE Oct. 20, 1959

SH. 1 OF       

COMPILED BY

# TMC SPECIFICATION NO. S 460

TITLE: MODIFICATION OF INTERLOCK CIRCUITRY TMC RADIO

JOB

APPR VED

TRANSMITTING AND RECEIVING SYSTEMS SUPPLIED TO  
WECO on Sales Order 6975.

## SYSTEM 1

1. Refer to TMC drawing 8-1237A (W.E.)
2. Remove all AC power from the system.
3. Remove lead to terminal 8 to TB-1 coming from cable CA-18.
4. Connect suitable jumper between terminals 8 and 16 on TB-1.
5. Connect a lead, of sufficient length to reach terminal board E-501 of the GPT750(B)1 in bay 2.1, to the lead removed from terminal 8 of TB-1 in step 3 above. This lead may be run parallel and taped at intervals to cable CA-2. Connect this lead to terminal 12 of terminal board E501.
6. Disconnect and remove the middle drawer from the GPT-750(B)1 in bay 2.1.
7. Remove internal cover plate over E501, J501. This cover plate is located at the right, rear, middle inside the transmitter cabinet.
8. Unsolder the lead on the interlock switch S504 which runs to pin E of P502. Tape up this lead as it is no longer required.
9. Unsolder the lead connected to terminal No. 12 on terminal Board E501. Tape up this lead as it is no longer required.
10. Connect a suitable lead between terminal 12 of E501, vacated in step 9 above, and the terminal vacated on interlock switch S504 in step 8 above.
11. Replace the internal cover plate and middle drawer removed in steps 6 and 7 above.

## SYSTEM 2

1. Refer to TMC drawing 8-1237A (W.E.)
2. Remove all AC power from the system.
3. Remove lead to terminal 8 of TB-2 coming from cable CA-16.
4. Connect suitable jumper between terminals 8 and 16 on TB-2.
5. Connect a lead, of sufficient length to reach terminal board E501 of the GPT750(B)1 in bay 2.4, to the lead removed from terminal 8 of TB-2 in step 3 above. This lead may be run parallel and taped at intervals to cable CA-4. Connect this lead to terminal 12 of terminal board E501.
6. Disconnect and remove the middle drawer from the GPT750(B)1 in bay 2.4.
7. Remove internal cover plate over E501, J501. This cover plate is located at the right, rear, middle inside the transmitter cabinet.
8. Unsolder the lead on the interlock switch S504 which runs to pin E of P502. Tape up this lead as it is no longer required.
9. Unsolder the lead connected to terminal No. 12 on terminal board E-501. Tape up this lead as is is no longer required.
10. Connect a suitable lead between terminal 12 of E501, vacated in step 9 above, and the terminal vacated on interlock switch S504 in step 8 above.
11. Replace the internal cover plate and middle drawer removed in steps 6 and 7 above.