

HIGH SEAS AND OVERSEAS RADIO  
B3 PRIVACY DEVICE  
J-68317A  
(INSTALLED IN 14ORT TRAILER)

1. GENERAL

1.01 This addendum is issued to specify the wiring and strapping of the B-3 privacy panel when it is installed in a 14ORT trailer for use with a portable 221 emergency radiotelephone equipment.

1.02 When so used it is per J-68317A, Lists 1, 2 and 4. This has a 250-2750 cps speech band inverted around the 1500 cps point (Lists 1 and 2) with a second 94H repeating coil (List 4) Fig. A of Drawing SE-59022-01.

1.03 The attached Drawing GP-1053-902 specifies the wiring and strapping of the B-3 privacy panel. This arrangement:

- (1) Connects the amplifier ahead of the modulator on the transmitting side and after the modulator on the receiving

side. Thus both amplifiers are connected on the wire line side of the privacy panel.

- (2) Connects 2 repeating coils so that both inputs and outputs of the privacy panel are balanced to ground.

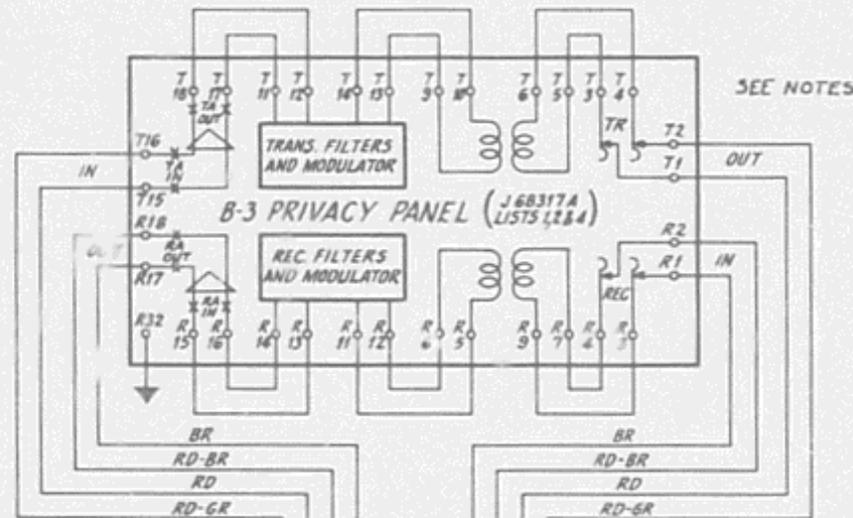
- (3) Straps both amplifiers for a nominal 12 to 17 db gain depending on the position of the GAIN potentiometer.

- (4) Straps the AC power transformer for a 111-119 volt supply

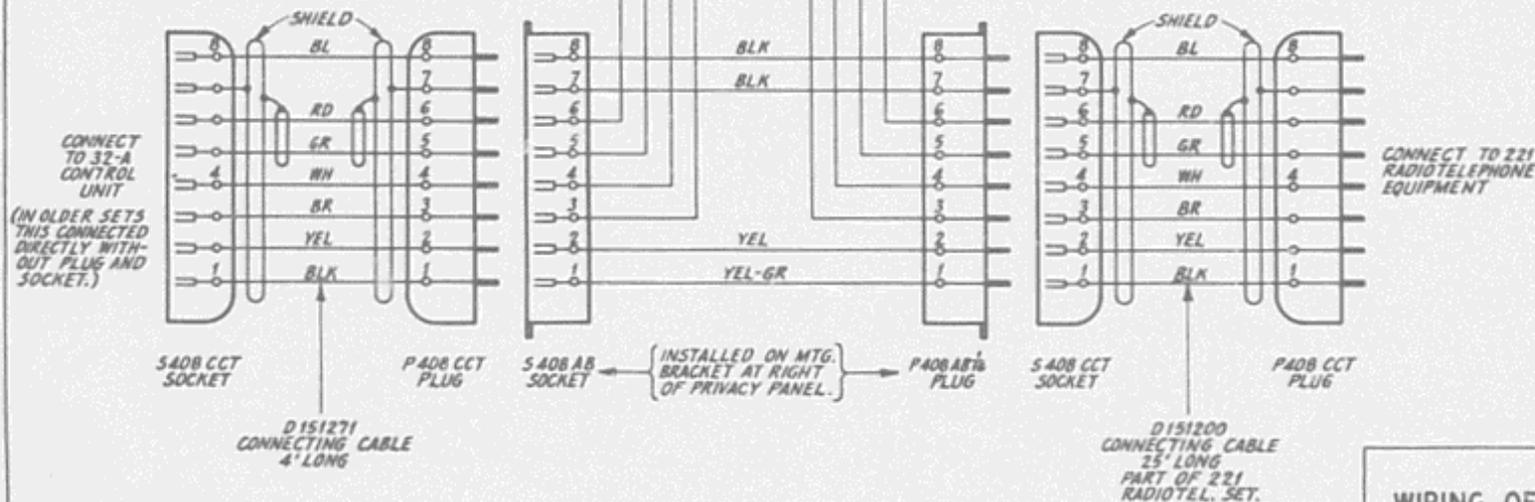
IN SECTION 403-323-500

2.03 Since the gasoline generator which supplies the AC voltage to the B-3 privacy panel is adjusted to 115 volts the connections to power transformer (P) should be to terminal block Punchings 4 and 7.

Attached:  
Drawing GP-1053-902



- NOTES
1. PLUGS AND SOCKETS MANUFACTURED BY H.B. JONES, CHICAGO.
  2. PRIVACY PANEL SHOULD BE SECURED IN SHOCKPROOF MOUNTING WITH BOLTS EQUIPPED WITH LOCKNUTS OR COTTER PINS.
  3. CONNECT THE MIU CORD TO LUG 6 OF THE INPUT TRANSFORMER ON BOTH THE TRANSMITTING AND RECEIVING AMPLIFIERS.
  4. CONNECT A C. POWER SUPPLY TO TERM. BLOCK PUNCHINGS 4 AND 7 OF POWER TRANSFORMER (P).



<p><b>WIRING OF B-3 PRIVACY PANEL</b> WHEN USED IN A 140 RT TRAILER MOUNTED 221 RADIOTELEPHONE EQUIPMENT</p>	WITH SPECS
	DRAWN BY P. A.
	CHECKED BY <i>R. S. R.</i>
	DATE 1-4-43
AMERICAN TEL. & TEL. CO. L. L. GENERAL PLANT DEPT.	GP-1053-902