

EXTERNAL TRANSMITTER CONTROL CONNECTIONS

NOTE: WHEN OPERATING TRANSMITTER, THE CONNECTIONS LISTED BELOW MUST BE MADE TO ENABLE TRANSMITTER OPERATION (IF CONTROLS ARE NOT DESIRED TO BE OPERATED REMOTELY).

- CONNECT JUMPER FROM TERMINAL 9 TO 7 (GND) ON TB204 (XMTR PTT)
- CONNECT JUMPER FROM TERMINAL 1 TO 2 ON TB202 (EXTERNAL INTERLOCK COM.-NO.)
- CONNECT JUMPER FROM TERMINAL 8 TO 7 ON TB202 (H.V. ON-OFF).
- CONNECT JUMPER FROM TERMINAL 2 TO 3 ON TB201 (OVL D RESET).

AUDIO INTELLIGENCE, KEY LINE, ETC. FOR EXCITER MMX ENTER THE TRANSMITTER THRU TB203 AND TB204

- TB203
- TERM 1 USB 600Ω
 - TERM 2 GND
 - TERM 3 USB 600Ω
 - TERM 4 LSB 600Ω
 - TERM 5 GND
 - TERM 6 LSB 600Ω
 - TERM 7 PTT
 - TERM 8 PTT
 - TERM 9 KEY
 - TERM 10 KEY

- TB204
- TERM 1 FSK +
 - TERM 2 FSK -
 - TERM 3 FAX +
 - TERM 4 FAX -
 - TERM 5 CONT. KEYING
 - TERM 6 CONT. KEYING
 - TERM 7 GND
 - TERM 8 XMTR ON
 - TERM 9 XMTR PTT (OPERATES PTT RELAY LOCATED IN API49)

CONNECTIONS FOR REMOTE PATCH PANEL ENTER THE TRANSMITTER THRU TB201 AND TB202

- TB201
- TERM 1 24VDC
 - TERM 2 N.O. OVERLOAD RESET
 - TERM 3 N.C. OVERLOAD RESET
 - TERM 4 GND
 - TERM 5 REMOTE METER (GND HAS TO BE SUPPLIED BY REMOTE PATCH PANEL)
 - TERM 6 FWD POWER
 - TERM 7 REFL POWER
 - TERM 8 GND
 - TERM 9 RECYCLE
 - TERM 10 RECYCLE

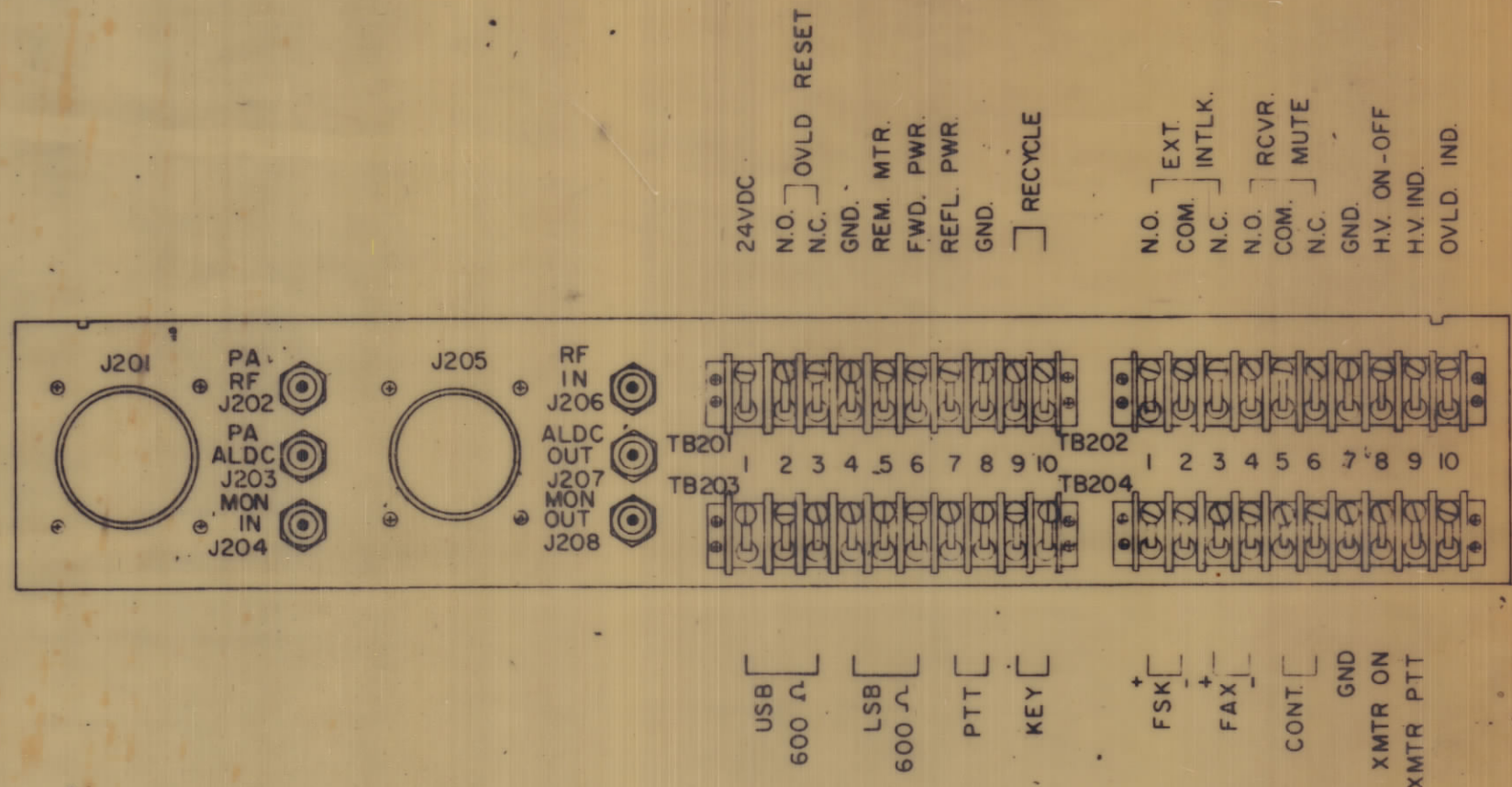
- TB202
- TERM 1 N.O. EXTERNAL INTERLOCK CONNECTIONS
 - TERM 2 COM. EXTERNAL INTERLOCK CONNECTIONS
 - TERM 3 N.C. EXTERNAL INTERLOCK CONNECTIONS
 - TERM 4 N.O. RCVR MUTE
 - TERM 5 COM. RCVR MUTE
 - TERM 6 N.C. RCVR MUTE
 - TERM 7 GND
 - TERM 8 H.V. ON-OFF
 - TERM 9 H.V. IND.
 - TERM 10 OVL D IND.

CONNECTIONS FOR RF (EXCITER OUTPUT) AND ALDC TO PATCH PANEL

- THE RF PATCH PANEL IS CONNECTED TO J206 "RF IN" AND J202 "PA RE"
- THE ALDC PATCH PANEL IS CONNECTED TO J203 "PA ALDC" AND J201 "ALDC OUT"

NOTE: WHEN OPERATING TRANSMITTER WITHOUT PATCH PANEL J206 AND J207. J203 AND J207 HAS TO BE JUMPED OUT TO ENABLE TRANSMITTER OPERATION

REVISIONS									
E.M.N.NO	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED		
	GE	DB		XI	SEE SHEET 1	2/17/71	GE		
	(1)				ORIGINAL RELEASE FOR PRODUCTION	2/18/71			



DRAWN <i>GE</i>	PAGE EUROPA S.p.A. ROME ITALY	
TRACED	TRANSMITTING SET, RADIO HFTM-1KJ INSTALLATION DIAGRAM	
CHECKED <i>alk.</i>	DATE / /	
APPROVED ENG. R <i>DB</i>	PROJ. APPROVED	
DATE / /	REPLACE DRWG. N°	DATE
	DRAWING NUMBER ID381	
REPLACED BY DRWG N°	DATE	SCALES
	SHEET 2 OF 2	
PORTUGAL NATO	SECRETARIADO DA DEFESA NACIONAL CEI-OTAN	ARQUIVO GEOME DES N° FOLHA DE SUBSTITUE O N° SUBSTITUIDO PELO N°
VIII-IX-XI SLICES	SYM 1200	
CONFERIDO / /	CLASSIF DE SEGURANCA	
APROVADO / /		