

MAINTENANCE MANUAL

MAPPING MODULE ROA 117 2259 P1A

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SPECIFICATIONS

STATION FUNCTIONS

TXV, TXV, PTT, A/D, TXD, TXD, TXC, TXC, 150D, ALM & BYPASS (From GETC Interface), Reset & test call (From GETC Logic Board) and PA Power (From PA “sniffer”). Also routes Station TX & RX Audio to the GETC Interface.

COMMON CABLE

One 25 twisted Pair

CONNECTORS:

J1 and J2

26 Pin Headers

J3 thru J8

Six 6-Position Contact Module (RJ12)

J9

25 Pair Telco Connector with Bail Lock

DESCRIPTION

Station Mapping Module ROA 117 2259 P1A is used in the EDACS GPS Simulcast system to map (route) two MASTR III stations to a single 25 pair Telco Connector (J9). Two mapping modules mount on the GPS EDACS Interface Panel frame assembly 19D903881 (Refer to Maintenance Manual LBI-39198).

TABLE OF MAPPING

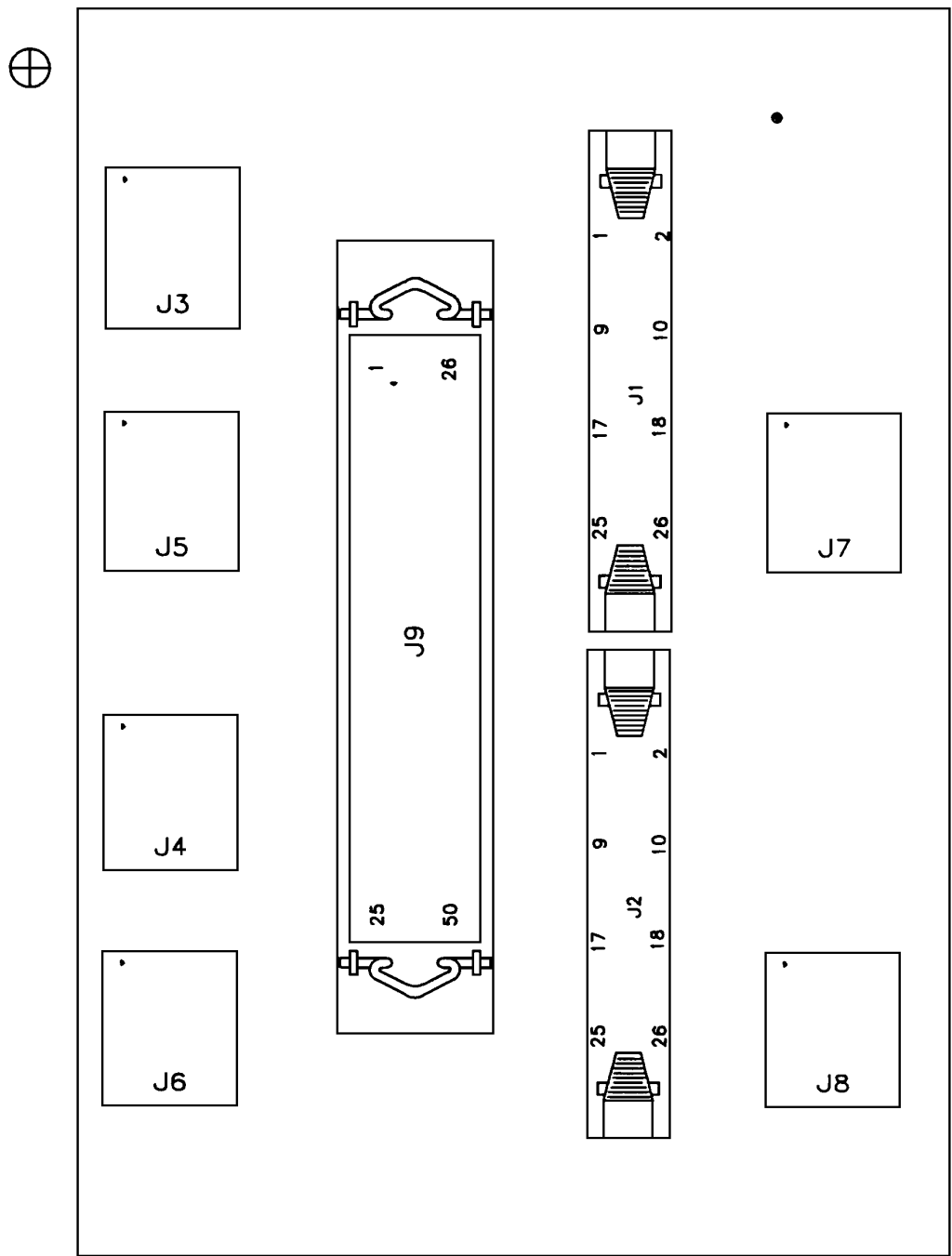
<u>From</u>	<u>To</u>	<u>Function</u>
J1 - 01	J9 - 01	G01 TXV R
J1 - 02	J9 - 26	G01 TXV T
J1 - 03	J9 - 02	G01 RXV R
J1 - 04	J9 - 27	G01 RXV T
J1 - 05	J9 - 03	G01 AD
J1 - 06	J9 - 28	G01 PTT
J1 - 07	J9 - 04	G01 RXD -
J1 - 08	J9 - 29	G01 RXD +
J1 - 09	J9 - 05	G01 RXC -
J1 - 10	J9 - 30	G01 RXC +
J1 - 11	J9 - 06	G01 TXD -
J1 - 12	J9 - 31	G01 TXD +
J1 - 13	J9 - 07	G01 TXC -
J1 - 14	J9 - 32	G01 TXC +
J1 - 15	J9 - 08	150D-
J1 - 16	J9 - 33	150D+
J1 - 17	J9 - 09	GND
J1 - 18	J9 - 34	G01 ALM
J1 - 19	J9 - 10	GND
J1 - 20	J9 - 35	G01 BYPASS
J3 - 2	J9 - 36	G01 RESET
J3 - 3	J9 - 11	GND
J3 - 4	J9 - 37	G01 TCALL
J5 - 2	J9 - 12	G01 PA
J5 - 3	J9 - 11	GND
J2 - 01	J9 - 13	G02 TXV R
J2 - 02	J9 - 38	G02 TXV T
J2 - 03	J9 - 14	G02 RXV R
J2 - 04	J9 - 39	G02 RXV T

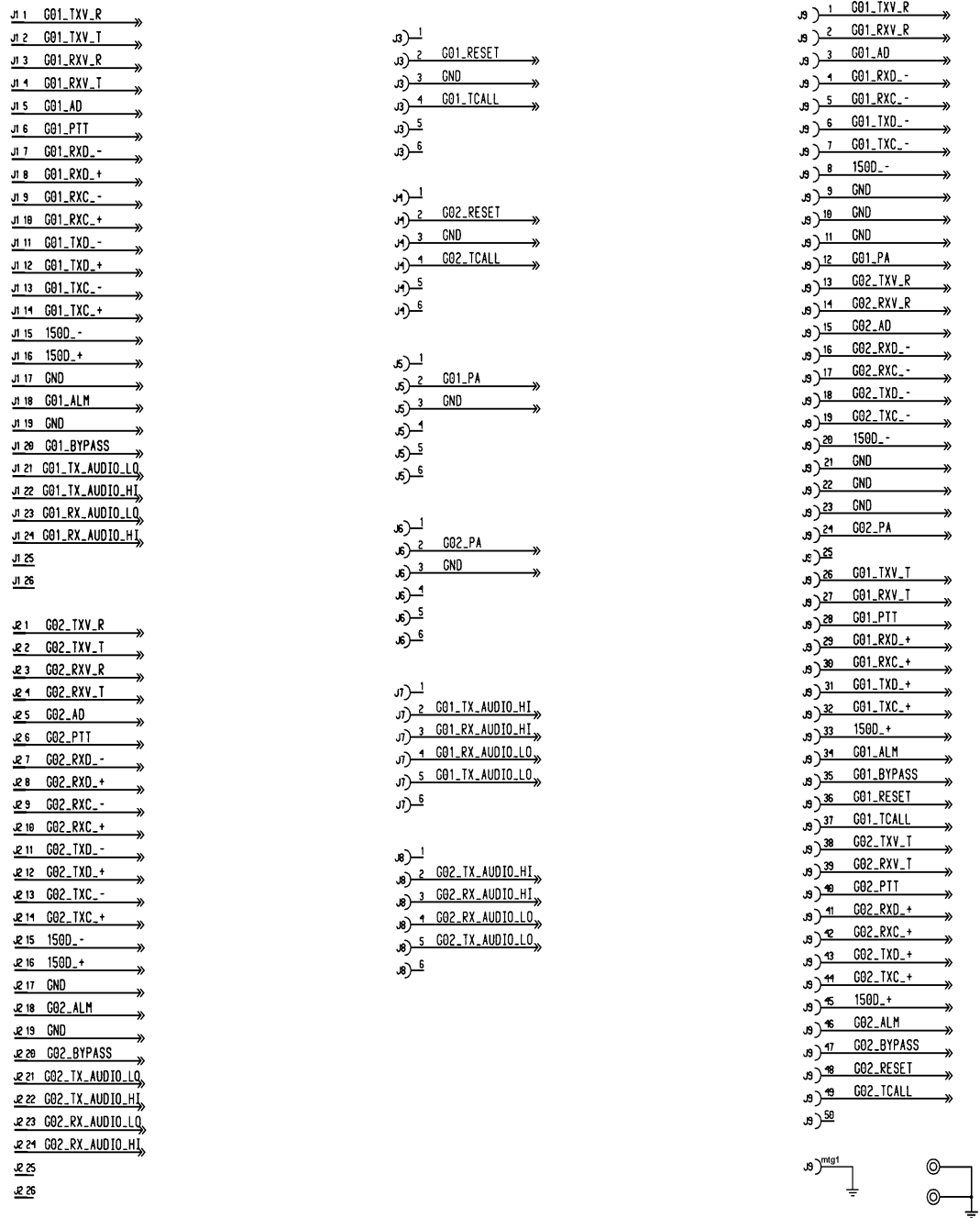
J2 - 05	J9 - 15	G02 AD
J2 - 06	J9 - 40	G02 PTT
J2 - 07	J9 - 16	G02 RXD -
J2 - 08	J9 - 41	G02 RXD +
J2 - 09	J9 - 17	G02 RXC -
J2 - 10	J9 - 42	G02 RXC +
J2 - 11	J9 - 18	G02 TXD -
J2 - 12	J9 - 43	G02 TXD +
J2 - 13	J9 - 19	G02 TXC -
J2 - 14	J9 - 44	G02 TXC +
J2 - 15	J9 - 20	150D -
J2 - 16	J9 - 45	150D +
J2 - 17	J9 - 21	GND
J2 - 18	J9 - 46	G02 ALM
J2 - 19	J9 - 22	GND
J2 - 20	J9 - 47	G02 BYPASS
J4 - 2	J9 - 48	G02 RESET
J4 - 3	J9 - 23	GND
J4 - 4	J9 - 49	G02 TCALL
J6 - 2	J9 - 24	G02 PA
J6 - 3	J9 - 23	GND
J1 - 21	J7 - 5	G01 TX AUDIO LO
J1 - 22	J7 - 2	G01 TX AUDIO HI
J1 - 23	J7 - 4	G01 RX AUDIO LO
J1 - 24	J7 - 3	G01 RX AUDIO HI
J2 - 21	J8 - 5	G02 TX AUDIO LO
J2 - 22	J8 - 2	G02 TX AUDIO HI
J2 - 23	J8 - 4	G02 RX AUDIO LO
J2 - 24	J8 - 3	G02 RX AUDIO HI

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PARTS LISTMAPPING MODULE
ROA 117 2259 P1A

SYMBOL	PARTS NUMBER	DESCRIPTION
J1 and J2 J3 thru J8 J9		---CONNECTORS---
	RPV403143/026	Header: 26-Pins.
	RNV40304/6	Telephone Modular Jack, 6 positions and 6 contacts.
	RNT403237/050	Shielded verticle mount connector.
	RNT403143/901	Latch for J1 & J2





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