TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE MANUAL
DATA COMMUNICATIONS EQUIPMENT MAINTENANCE

EXPANDED TROUBLESHOOTING
(LOGIC DIAGRAMS)

GUIDED MISSILE AIR DEFENSE SYSTEM
AN/TSQ-73

HEADQUARTERS, DEPARTMENT OF THE ARMY
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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this publication. If you find any mistakes, or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, U.S. Army Missile Command, ATTN: AMSMI-LC-ME-PMC, Redstone Arsenal, AL 35898-5238. A reply will be furnished to you.

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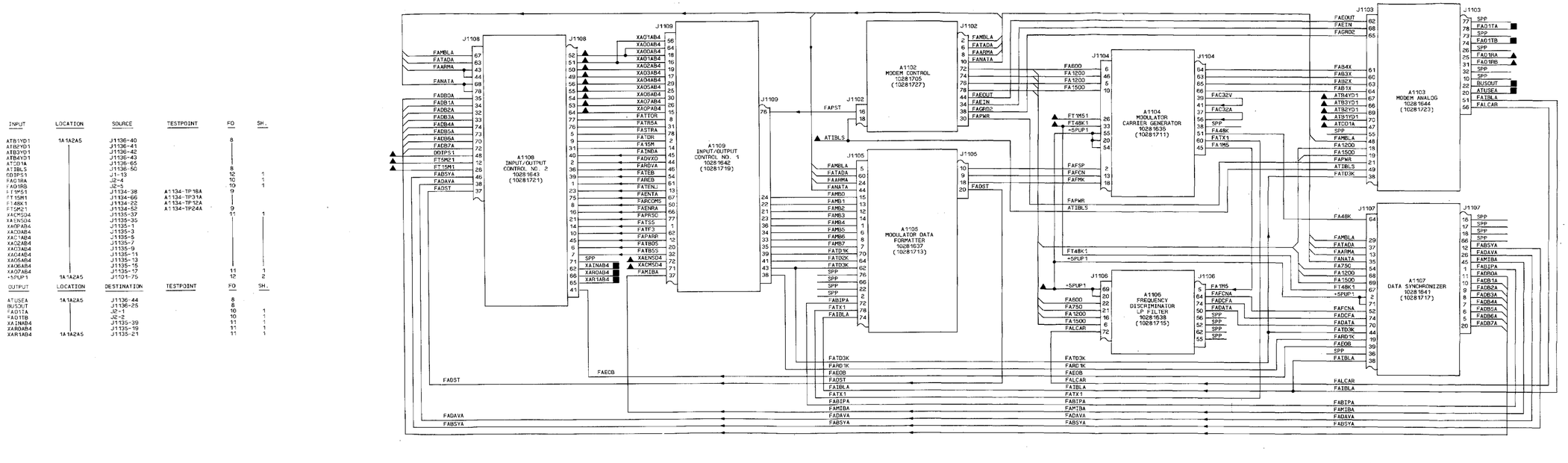

INPUT	LOCATION	SOURCE	TESTPOINT	FO	SH.
ATB1YD1	1A1A2A5	J1136-40		8	
ATB2YD1		J1136-41			
ATB3YD1		J1136-42			
ATBAYD1		J1136-43			
ATCD1A		J1136-65			
ATIBLS		J1136-50		8	
DDTPS1		J1-13		12	1
FA01RA		J2-4		10	1
FA01RB		J2-5		10	1
FTMS1		J1134-38	A1134-TP18A	9	
FT1MS1		J1134-66	A1134-TP31A		
FT48K1		J1134-22	A1134-TP12A		
FTSM21		J1134-62	A1134-TP24A	9	
XACMSD4		J1135-37		11	1
XAINSD4		J1135-35			
XA0BAB4		J1135-1			
XA0DAB4		J1135-3			
XA01AB4		J1135-5			
XA02AB4		J1135-7			
XA03AB4		J1135-9			
XA04AB4		J1135-11			
XA05AB4		J1135-13			
XA06AB4		J1135-15			
XA07AB4		J1135-17		11	1
+5PUP1	1A1A2A5	J1101-75		12	2

OUTPUT	LOCATION	DESTINATION	TESTPOINT	FO	SH.
ATUSEA	1A1A2A5	J1136-44		8	
BUSOUT		J1136-25		8	
FA01TA		J2-1		10	1
FA01TB		J2-2		10	1
XAINAB4		J1135-39		11	1
XA0BAB4		J1135-19		11	1
XAR1AB4	1A1A2A5	J1135-21		11	1

NOTES: UNLESS OTHERWISE SPECIFIED

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN: FOR COMPLETE DESIGNATIONS. PREFIX WITH APPLICABLE UNIT NUMBER AND ASSEMBLY DESIGNATOR.
2. DEFINITIONS FOR SYMBOLS SHOWN ARE AS FOLLOWS:
   - ▲ INPUT FROM ANOTHER FIGURE
   - ■ OUTPUT TO ANOTHER FIGURE
3. REFER TO TABLE 5-3 FOR CIRCUIT CARD LOCATIONS.
4. REFER TO DATA COMMUNICATIONS POWER DISTRIBUTION DIAGRAM FOR DC POWER AND GROUND CIRCUITS.
5. THIS DIAGRAM IS FOR MODEM NO. 1 ONLY; CIRCUIT IS COMMON TO ALL MODEMS. REFER TO MODEM INTERCONNECT FOR CORRESPONDING MODEM MNEMONICS.
6. INTRA-MODEM CONNECTIONS ARE IDENTIFIED; REFER TO MODEM INTERCONNECT FOR INDIVIDUAL MODEM INPUTS AND OUTPUTS.

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FO-1. Modem Interconnect Diagram (Sheet 1 of 32)