TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE MANUAL
DISPLAY 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 manual. 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-P, Redstone Arsenal, AL 35898-5238. A reply will be furnished to you.

TABLE OF CONTENTS

TABLE OF CONTENTS - Continued

TABLE OF CONTENTS - Continued

LIST OF ILLUSTRATIONS

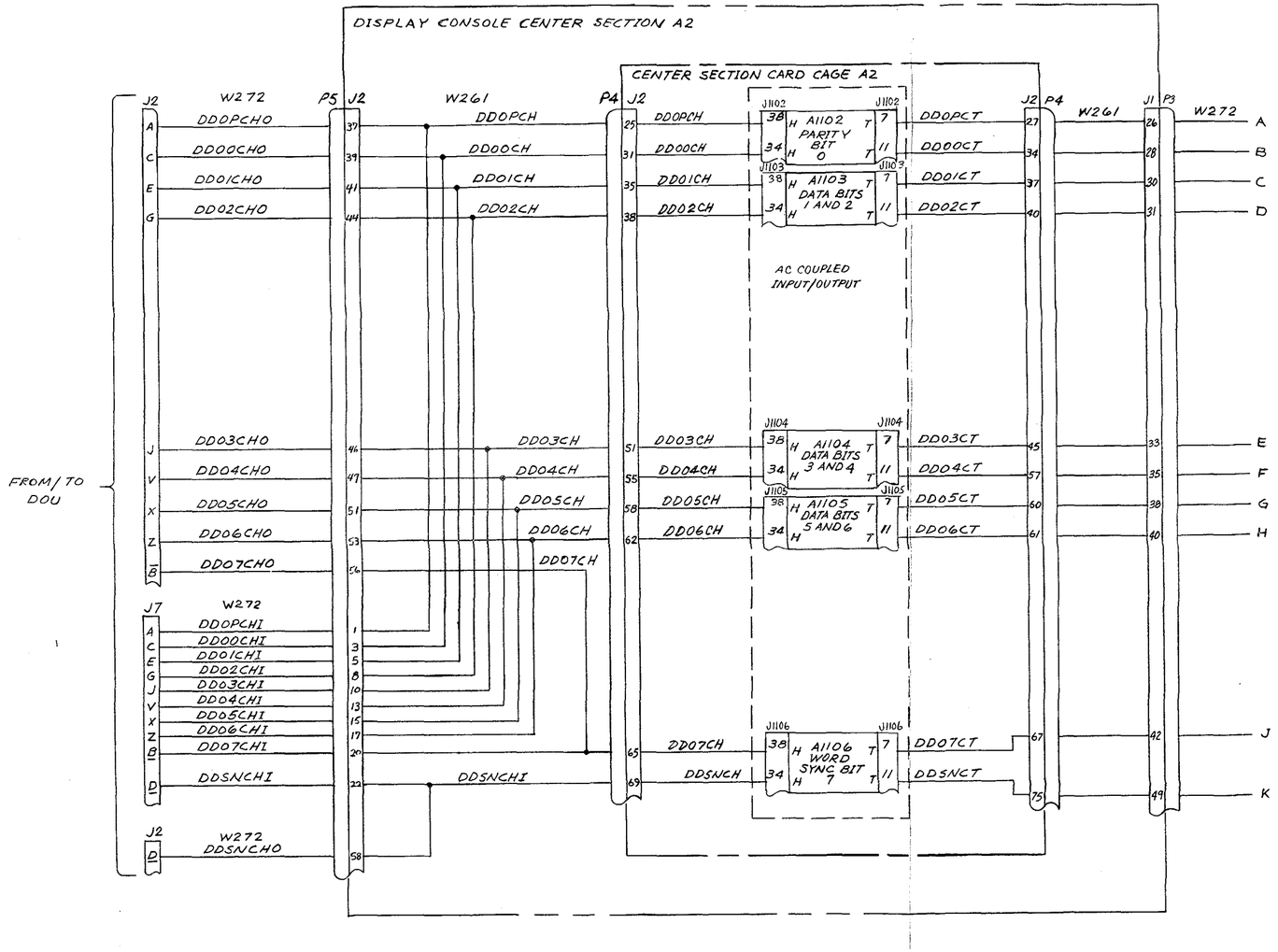
LIST OF ILLUSTRATIONS - Continued

LIST OF ILLUSTRATIONS

LIST OF ILLUSTRATIONS

LIST OF TABLES

INPUTS	F/O - SH	OUTPUTS	F/O - SH
A10MA04	54-2	ADDDT0	4-1
ABLTC2E	4-1	ADDFBR	4-1
ADDBL0	4-1	ADDFB6	4-1
AIBR5D4	53-0	ADDL0R	2-0
LADR50	53-0	ADDL1R	2-0
LIBENA	51-0	ADDL2R	2-0
LIBPFJ	49-0	ADDL3R	2-0
LMMAN5	49-0	ADDL4R	2-0
LTSAG2E	48-1	ADDL5R	2-0
LTSCG0E	48-1	ADDL6R	2-0
LTSCG1E	48-1	ADDL7R	2-0
LTSCG2E	48-1	ADMFTA	2-0
LTSCG3E	48-1		
LTSDG0E	48-1		
LTSDG1E	48-1		
LTSDG2E	48-1		
LTSDG3E	48-1		



FO-1. Alterable Processor High Speed Input Buffer Input Logic Diagram (Sheet 1 of 2)

NOTES: UNLESS OTHERWISE SPECIFIED

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN ; FOR COMPLETE DESIGNATIONS , PREFIX WITH APPLICABLE UNIT NUMBER AND ASSEMBLY DESIGNATION.
2. ALL CIRCUITS SHOWN ON THIS FIGURE ARE CONTAINED ON LEFT HAND CARD CAGE A1A1. (SINCE MULTIPLE DISPLAY CONSOLES ARE USED, ABBREVIATED DESIGNATIONS ARE SHOWN).
3. DEFINITIONS FOR SYMBOLS SHOWN ARE AS FOLLOWS:

   ▲ INPUT FROM ANOTHER FIGURE
   △ INPUT FROM SAME FIGURE
   ■ OUTPUT TO ANOTHER FIGURE
   ◪ OUTPUT TO BOTH SAME AND ANOTHER FIGURE
   □ OUTPUT TO SAME FIGURE

4. REFER TO TABLE 5-3 THRU 5-5 FOR CIRCUIT CARDS THAT ARE MODULE TEST SET TESTABLE AND CIRCUIT CARD LOCATIONS.
5. REFER TO TABLE 5-6 THRU 5-8 FOR COMPLETE SIGNAL LOOK UP AND CIRCUIT CARD TEST POINTS.
6. REFER TO DISPLAY CONSOLE POWER DISTRIBUTION DIAGRAMS FOR DC POWER AND GROUND CIRCUITS.
7. CIRCUIT SYMBOLS INCLUDE CARD LOCATIONS AND CIRCUIT CARD PIN NUMBERS.
8. SPIXXX INDICATES +5V PULL UP THROUGH RESISTOR CARDS; REFER TO TABLE 5-6 THRU 5-8 FOR COMMON LISTING.