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CRNO.

REV

REVISIONS

DESCRIPTION

E

INITIAL RELEASE

2976

K

SEE DESCRIPTION PER CHANGE REQUEST.

05-14-01

2978

L

SEE DESCRIPTION PER CHANGE REQUEST.

06-03-02

5209

M

SEE DESCRIPTION PER CHANGE REQUEST.

07-11-02

5635

N

SEE DESCRIPTION PER CHANGE REQUEST.

11-06-02

5767

P

SEE DESCRIPTION PER CHANGE REQUEST.

01-16-03

TABLE I

BUSWIRE DATA

13

CONDUCTOR		PWB SIDE	FROM CIRCUIT POINT	TO CIRCUIT POINT
COND NO.	ITEM NO.			
601	704	A	Q6-3 LAND	CR6 BOTTOM LAND

TABLE III

COMPONENT INSTALLATION

15

COMPONENT		TO CIRCUIT POINT	PWB SIDE	SLVG ITEM NO.
REF DES	PIN			
C29	1	P1F-9A	A	702
	2	P1C-14		
C30	1	P1F-9B	A	702
	2	C2-BOTTOM		

NOTES:

1. ASSEMBLE PER ITEM 701 (M7012784).

2.

CAUTION

ELECTROSTATIC SENSITIVE EQUIPMENT

SPECIAL HANDLING REQUIRED

THIS ASSEMBLY INCLUDES COMPONENTS WHICH ARE SUBJECT TO DAMAGE BY ELECTROSTATIC CHARGES; THEREFORE, ALL COMPONENTS SHALL BE HANDLED IN ACCORDANCE WITH GUIDELINES FOR ELECTROSTATIC DISCHARGE CONTROL.

3. COMPONENT LEAD PROTRUSION SHALL BE .060 MAXIMUM, EXCEPT J2 SHALL BE .030 MAXIMUM, BARE COPPER PERMISSIBLE ON COMPONENT LEADS AT TRIMMED SURFACES. P1 LEADS DO NOT REQUIRE TRIMMING IF THEY ARE WITHIN THE LIMITS AS DEFINED ON SHEET 2.

4.

J1, J2, J4 AND J6 SHALL BE FLUSH TO .010 MAX ABOVE SIDE B OF ITEM 53. J3 AND J5 SHALL BE FLUSH TO .010 MAX ABOVE SIDE A OF ITEM 53.

5. SQUARE PADS ON PRINTED WIRING BOARD INDICATE PIN 1.

6. SOME COMPONENTS SHOWN OVERSIZE TO PROVIDE SPACE FOR DESIGNATORS.

7.

APPLY LOCTITE (ITEM 43) TO THE THREADS OF ITEM 41 PER M695178.

8. REMOVE CONTACTS J1-8; J2-51; J4-4; AND J6-4 FROM THE BODIES OF J1; J2; J4 AND J6.

9.

REMOVE 5 CONNECTOR INSERT RETAINING SCREWS FROM P1 MARKED "F" AND REPLACE WITH ITEMS 41 AND 42.

10.

INSTALL CABLES IN ORDER AS SHOWN IN TABLE II.

11.

SHADED COMPONENTS ARE NOT INSTALLED.

12. MARKING FOR J1 AND J4 SIDE B OF PWB IS INCORRECT. FOLLOW MARKING ON SIDE A OF PWB.

13.

INSTALL BUS WIRE PER TABLE I, LEFT OR RIGHT, TOP OR BOTTOM AS VIEWED FROM INDICATED SIDE.

14. FOR J1, J2, AND J4 IGNORE THE PIN 1 IDENTIFIER ON THE CONNECTORS AND INSTALL CONNECTORS PER PIN 1 AS SHOWN ON CCA DRAWING.

15.

INSTALL COMPONENT PER TABLE III, LEFT OR RIGHT, TOP OR BOTTOM AS VIEWED FROM INDICATED SIDE.

16.

REMOVE SOLDER MASK FROM MOUNTING HOLE PLATING ON SIDE A.

17.

REMOVE SOLDER MASK FROM MOUNTING HOLE PLATING ON SIDE B.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES: TOLERANCES: ANGLES ± - 2 PL DEC ± - 3 PL DEC ± -

THIRD ANGLE PROJECTION

OPERATIONAL NOTE

INTERPRET DIMENSIONS AND TOLERANCES PER AMSE Y14.5M-1994

FOR REFERENCE

ORIGINAL C.R.

PRODUCT LINE NO.

AW/PS ANALYSIS EB

REF DWG

REF SPEC

9000000-20

9000000-20001

9000000-10

9000000-10001

NEXT ASSY

END ITEM

APPLICATION

TITLE

CIRCUIT CARD ASSEMBLY - 6MCU INTERCONNECT, A1

SIZE

CAGE CODE

DRAWING NO.

9000005-001

REV

E11WYD3

SCALE

NONE

SHEET

1

OF

18

ACSS

Aviation Communication & Surveillance Systems

19810 North 71st Avenue

Phoenix, Arizona 85027-4400

9000005-001

1

REVNO.		REV		REVISIONS	
				DESCRIPTION	
2976	K	SEE DESCRIPTION PER CHANGE REQUEST.		05-14-01	
2978	L	SEE DESCRIPTION PER CHANGE REQUEST.		06-03-02	
5209	M	SEE DESCRIPTION PER CHANGE REQUEST.		07-11-02	

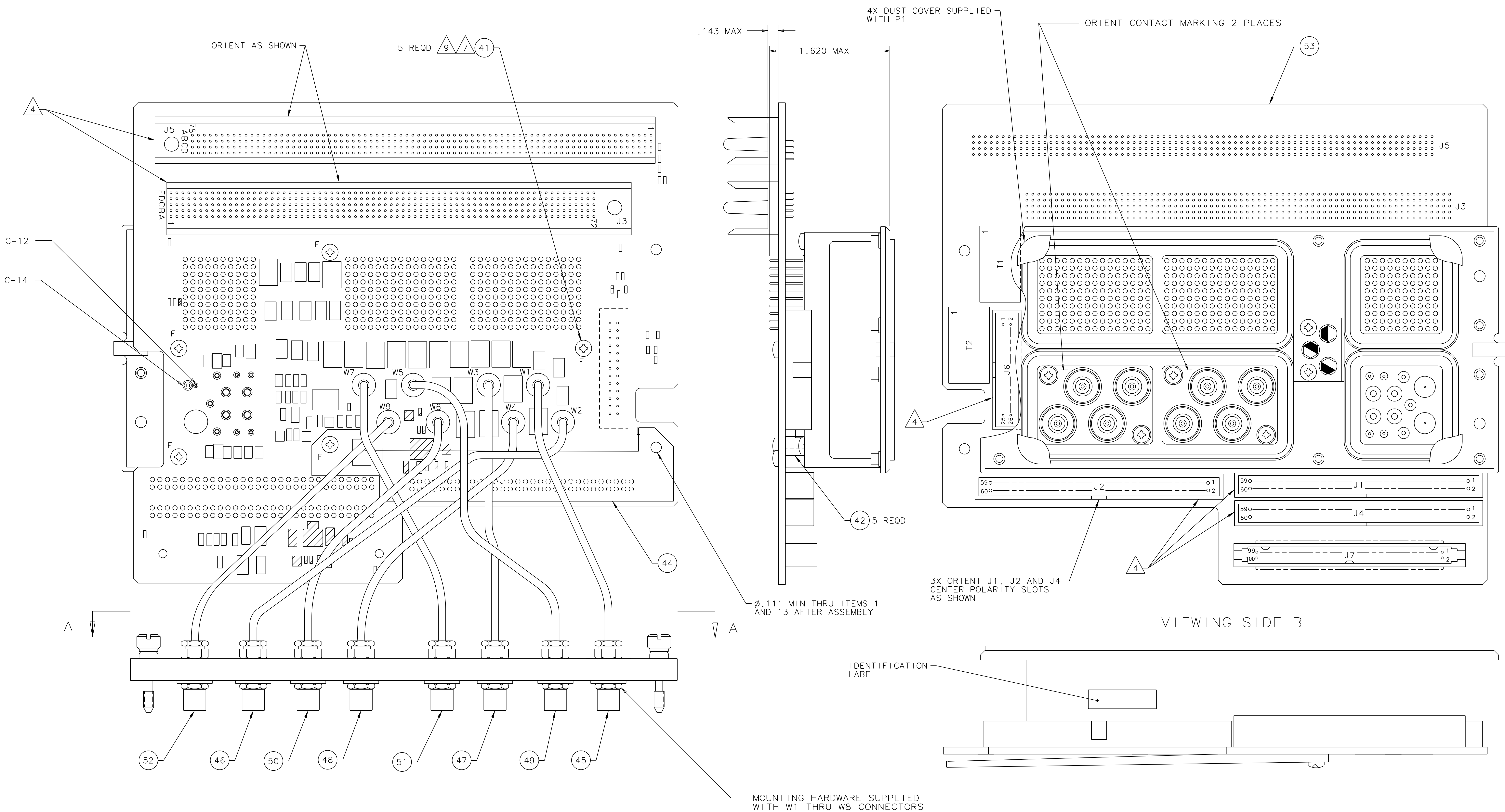
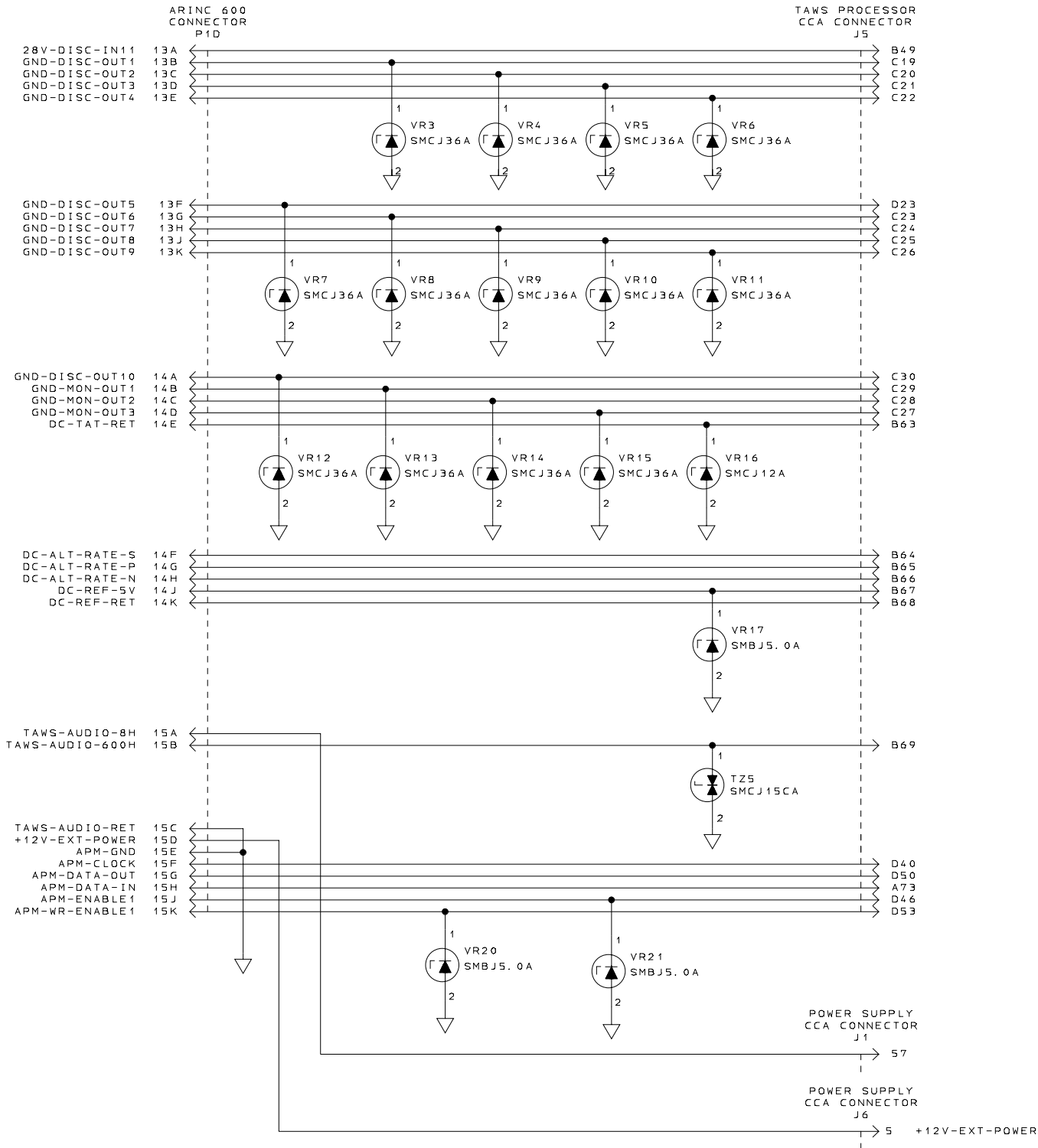
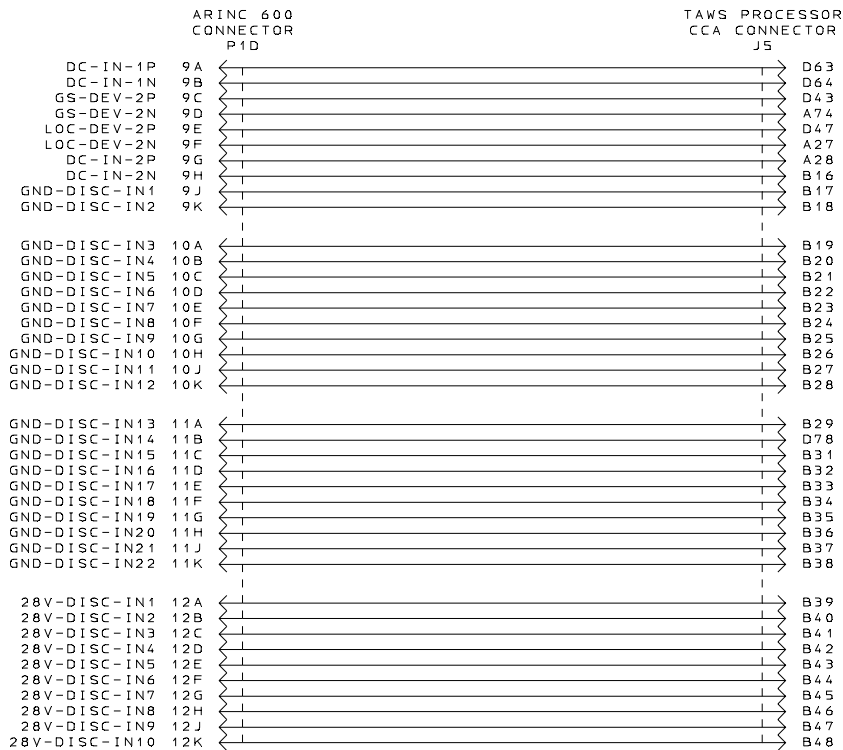


TABLE I I	
INSTALLATION ORDER	
1	W8
2	W7
3	W6
4	W3
5	W4
6	W2
7	W5
8	W1

REV		DESCRIPTION	
5209	M	CHANGED BORDER.	07-11-02



ARINC 600 CONNECTOR
A1 INTERCONNECT CCA
SCHEMATIC DIAGRAM SHEET NO. 2

COMPUTER GENERATED



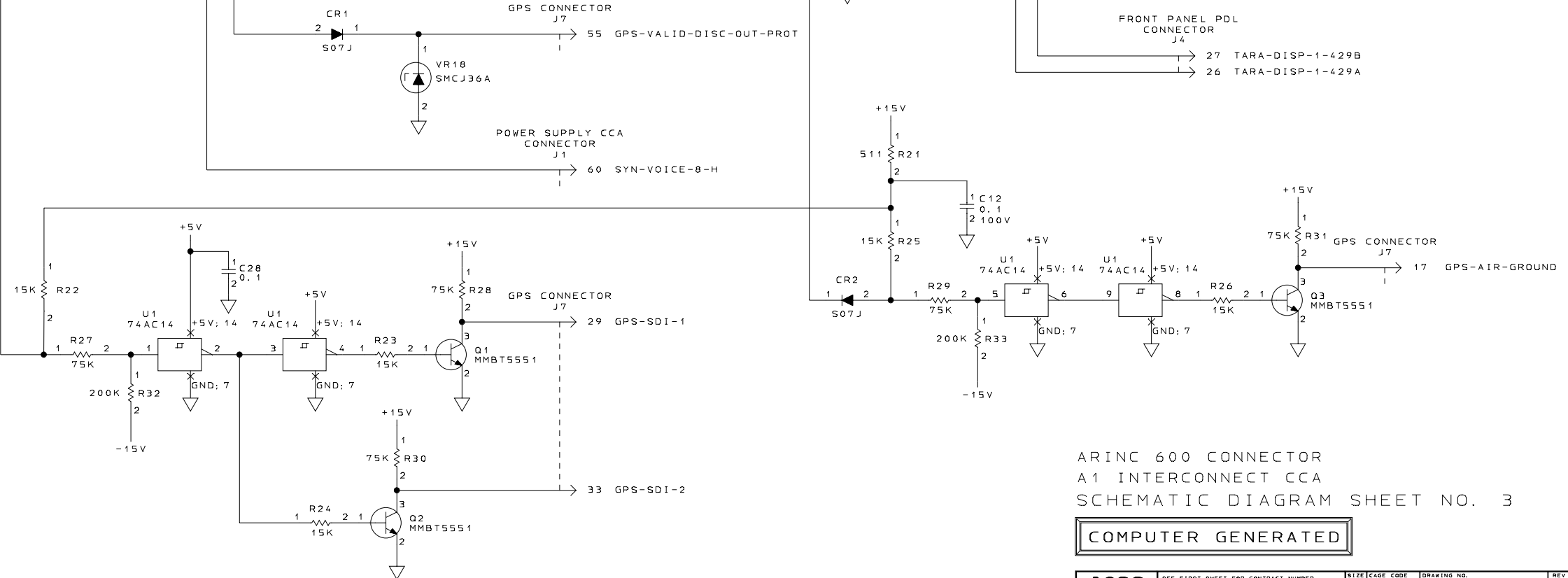
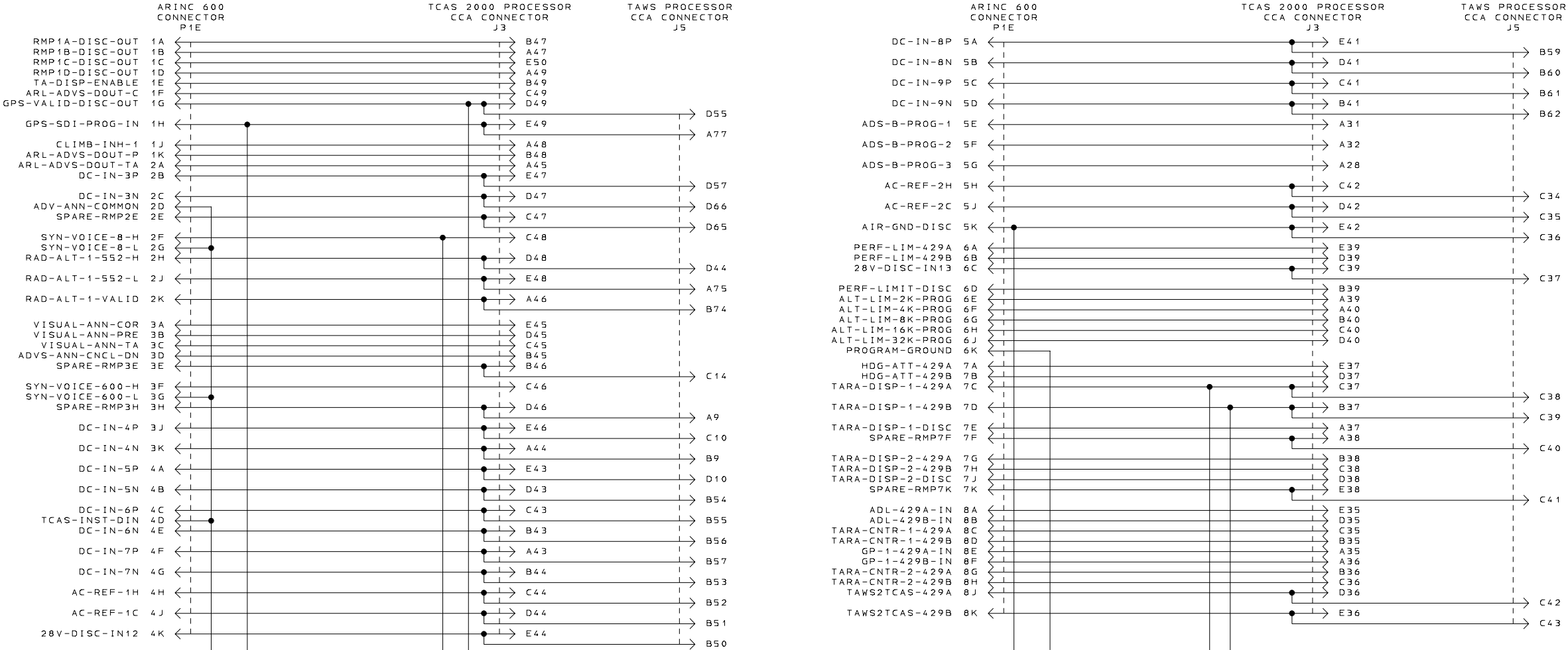
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ON THE FIRST SHEET OF THIS DOCUMENT.

SIZE E 1WYD3
DRAWING NO. 9000005-001
REV M

SHEET 5

DATE/TIME

REV		DESCRIPTION	
5209	M	CHANGED BORDER.	07-11-02

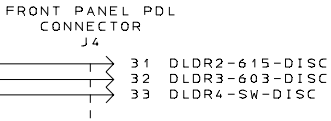
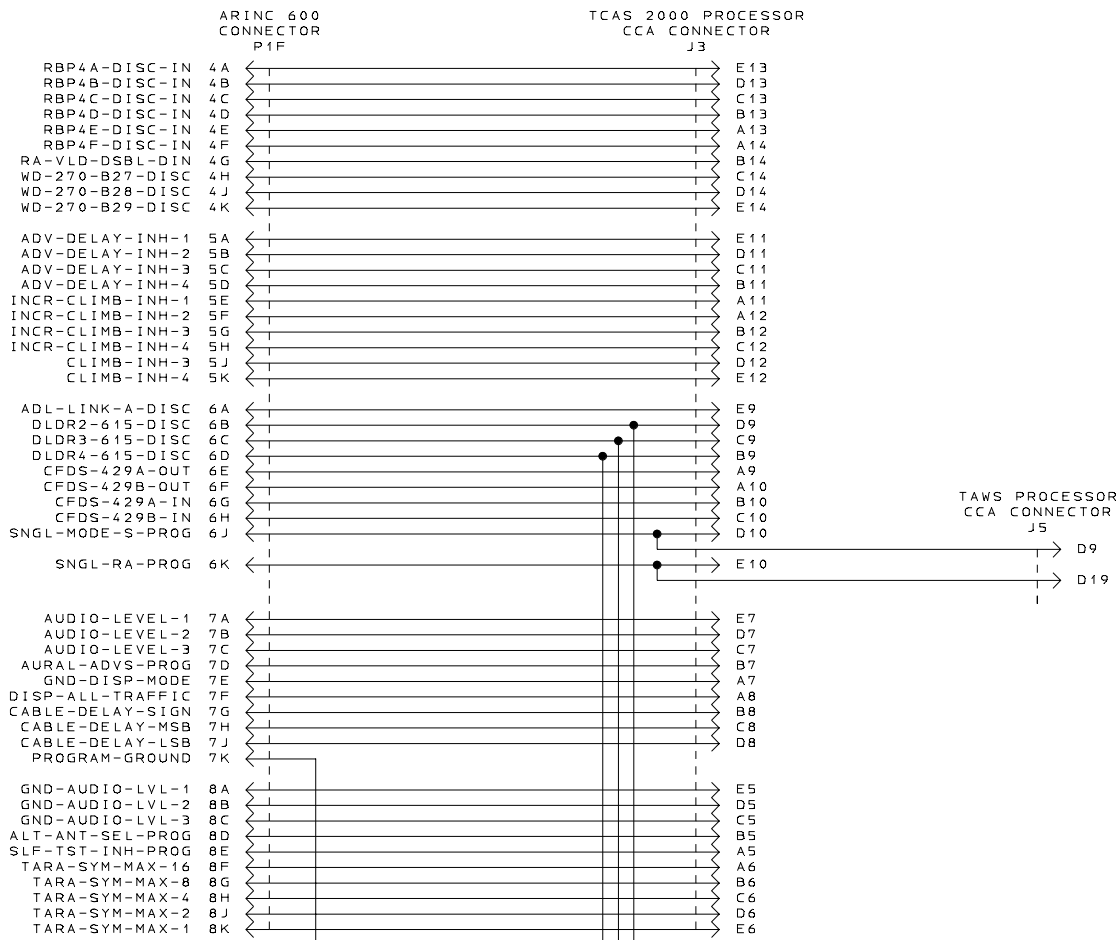
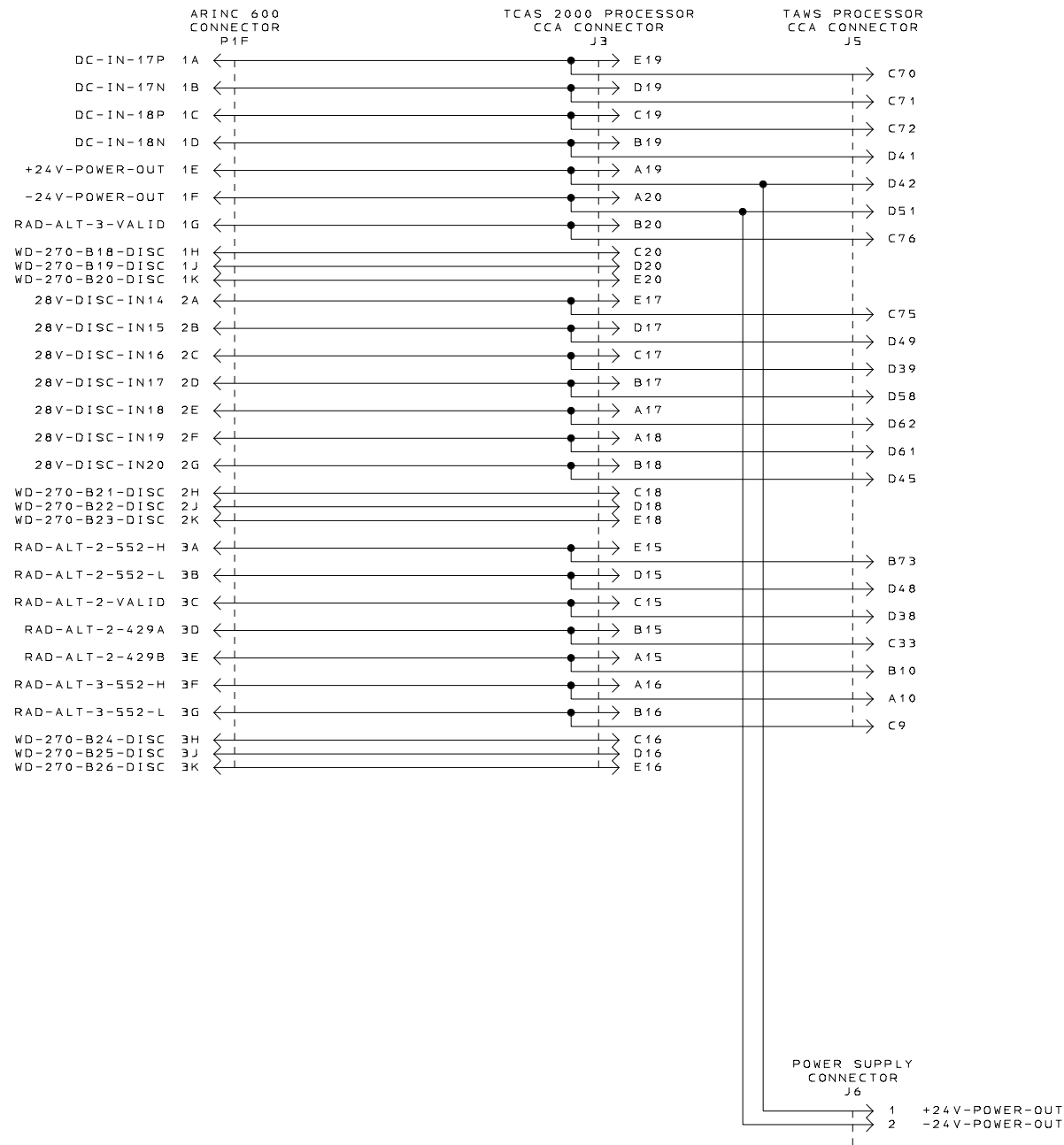


ARINC 600 CONNECTOR
A1 INTERCONNECT CCA
SCHEMATIC DIAGRAM SHEET NO. 3

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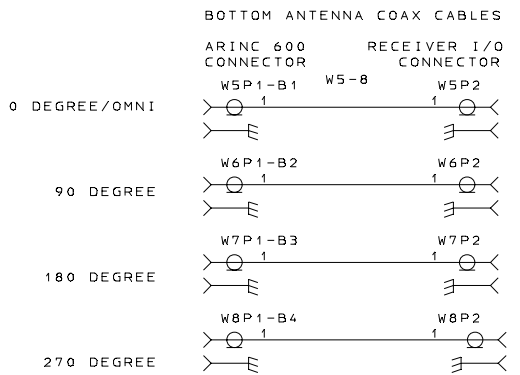
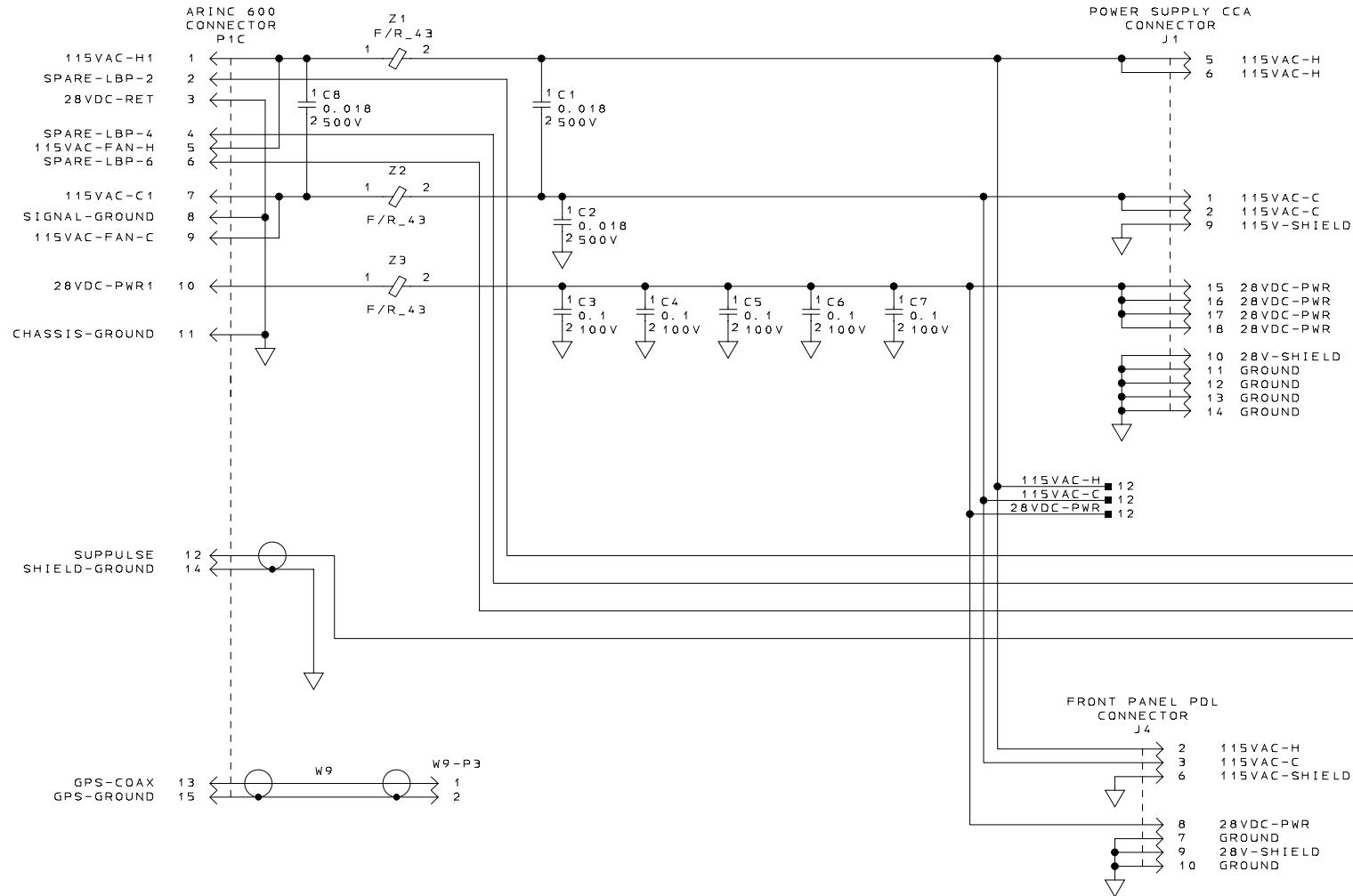
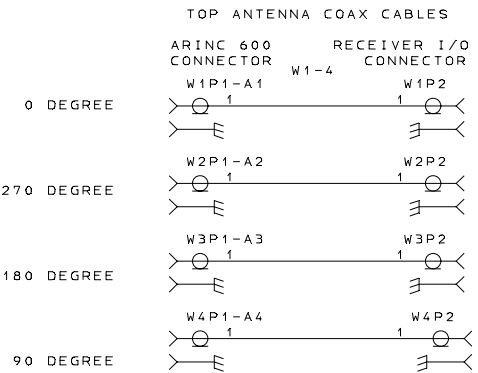
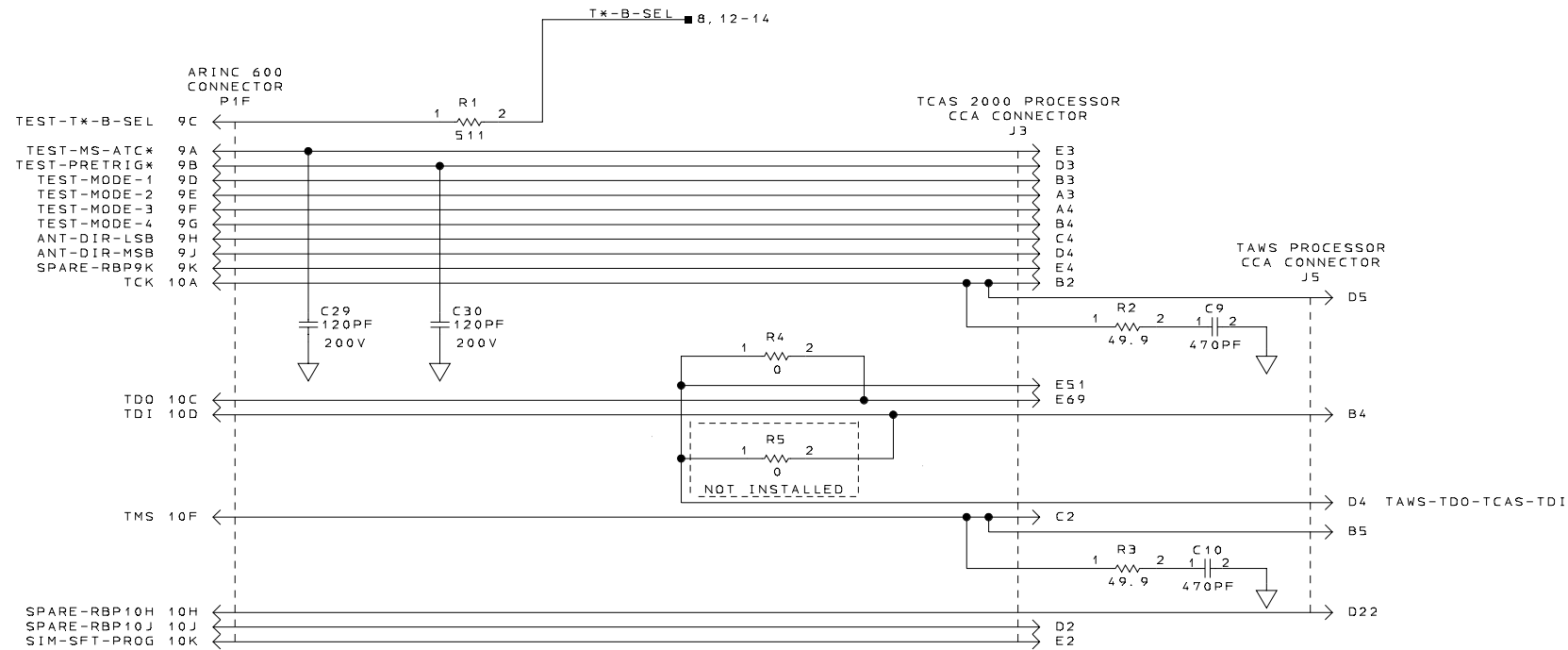
CR		REV		REVISIONS	
				DESCRIPTION	
5209		M		CHANGED BORDER.	07-11-02



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		SCALE			SHEET	8	

REV		DESCRIPTION	
5209	M	CHANGED BORDER.	07-11-02
5635	N	ADDED C29 AND CONNECTED IT BETWEEN P1F-9A AND GROUND. ADDED C30 AND CONNECTED IT BETWEEN P1F-9B AND GROUND.	10-30-02



ARINC 600 CONNECTOR
A1 INTERCONNECT CCA
SCHEMATIC DIAGRAM SHEET NO. 6

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SIZE CAGE CODE DRAWING NO. REV
E 1WYD3 9000005-001 N

SCALE 1 SHEET 9

9000005-001

DATE/TIME