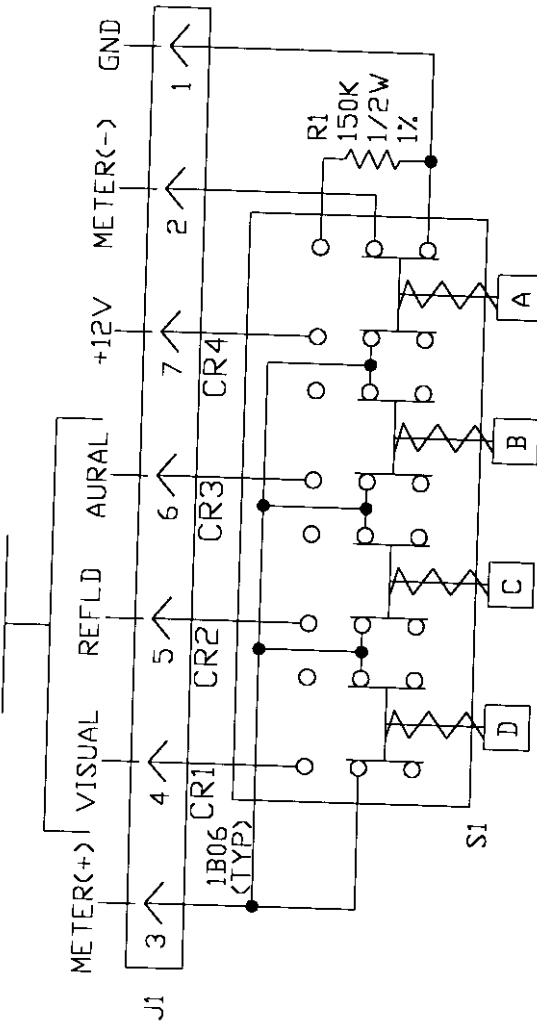


J1	S1	R1	CR4
----	----	----	-----

SEE NOTE-1



151	5-28-93	T.M.	ADDED CR1 THRU CR4				
B	1-26-91	T.M.	ADDED NOTE-1				
ECN	DATE	BY					
NEXT ASSY: B1 / A228-81-1							

SCHEMATIC DIAGRAM, METERING SWITCH

A	329-80	REV C
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SHEET 1 OF 1

ELECTRONICS
MISSILES &
COMMUNICATIONS
INC

WHITE HAVEN, PA. 18661

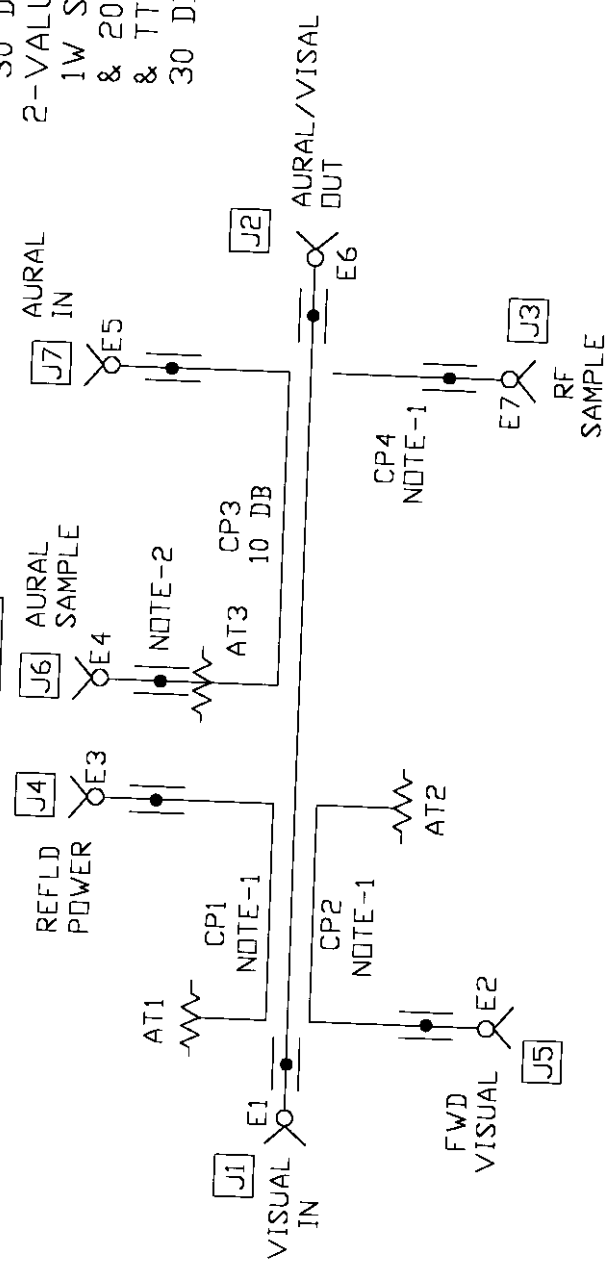
HIGHEST REFERENCE DESIGNATIONS				
AT3	CP4	E7	J7	

REFERENCE DESIGNATIONS NOT USED				

NOTES :

1-VALUE OF CP1,CP2 & CP4 IS 20 DB FOR 1W SYSTEM & 30 DB FOR 10W & 20W SYSTEMS.

2-VALUE OF AT3 IS 10 DB FOR 1W SYSTEM & 20 DB FOR 10W & 20W SYSTEMS. FOR TTS10HS & TTS20HS VALUE OF AT3 IS 30 DB.



D	10-30-91	T.M.	INCLUDED 20W IN NOTES	C.T.T.	R.N.	C.T.T.
C	2-13-91	T.M.	ADDED SENTENCE 2 OF NOTE-2	C.T.T.	R.N.	C.T.T.
B	6-30-89	T.M.	ADDED NOTE-2, AT3 WAS T1	C.T.T.	R.N.	R.N.
ECN	DATE	BY		CHK	CHK	APPV'L

NEXT ASSY:	DRAFT	5-23-84	W.J.H.
REPLACES A324-261	DR. CHK	5-29-84	C.T.T.
VERSION	M. ENGR		
MODEL	E. ENGR	9-28-84	J.M.J
SCALE NONE	RELEASE	9-28-84	W.J.H.

SCHEMATIC DIAGRAM,
COMBINER/COUPLER
S-BAND

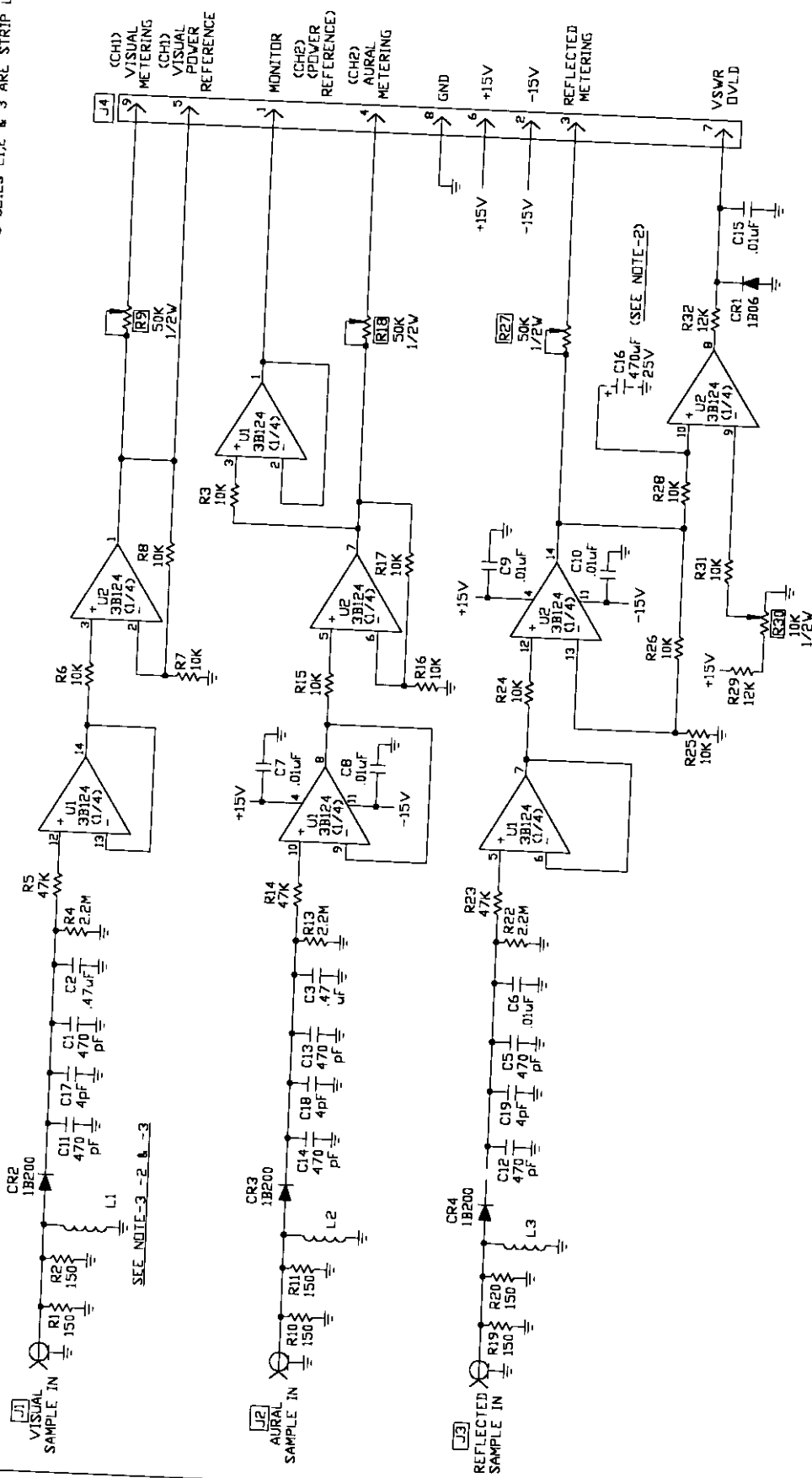
TOLERANCES - EXCEPT AS NOTED			
DECIMAL	XX	± .010	
FRACTIONAL	XXX	± .005	
ANGULAR		± 1/64°	
		± 1/2 DEG	

EMCEE
ELECTRONICS
MISSILES &
COMMUNICATIONS
INC.
WHITE HAVEN, PA. 18661

D	10/30/91	CTT	INCL. 20W IN NOTES	CTT	CTT	REV
ECN	DATE	BY		CHK	APPV'L	D
A				329-90		
SHEET 1				OF 1		

HIGHEST REFERENCE DESIGNATIONS					
R35	C19	U2	R4	J4	L3
REFERENCE DESIGNATIONS NOT USED					
R12		R23			

NOTES: UNLESS OTHERWISE SPECIFIED,
1-COMPONENTS: CR1, C2, R9, R18, R27,
AND R30 ARE NOT SURFACE MOUNTED.
2-WHEN USING ON OTHER THAN HS EQUIPMENT,
C16 AND L1, L2, & L3 ARE ELIMINATED.
3-COILS L1, L2 & 3 ARE STRIP LINE RUNS.



160	7-28-93	TAB	SEE PCR/ECN	CTT	BN	BN
150	5-28-93	TAB	SEE PCR/ECN	CTT	BN	BN
140	5-28-93	CTT	ADDED R3, AND RUN FROM J4-1 TO U1-1	BN	BN	BN
130	5-28-93	TAB	VALUE OF R26 WAS 10K	BN	BN	BN
120	5-28-93	TAB	U1 & U2 WERE 3872	BN	BN	BN
110	5-28-93	CTT	RELEASED AT REV 55	CHK	CHK	CHK
100	5-28-93	CTT	RELEASED AT REV 55	CHK	CHK	CHK
90	5-28-93	CTT	RELEASED AT REV 55	CHK	CHK	CHK
80	5-28-93	CTT	RELEASED AT REV 55	CHK	CHK	CHK
70	5-28-93	CTT	RELEASED AT REV 55	CHK	CHK	CHK
60	5-28-93	CTT	RELEASED AT REV 55	CHK	CHK	CHK
50	5-28-93	CTT	RELEASED AT REV 55	CHK	CHK	CHK
40	5-28-93	CTT	RELEASED AT REV 55	CHK	CHK	CHK
30	5-28-93	CTT	RELEASED AT REV 55	CHK	CHK	CHK
20	5-28-93	CTT	RELEASED AT REV 55	CHK	CHK	CHK
10	5-28-93	CTT	RELEASED AT REV 55	CHK	CHK	CHK
0	5-28-93	CTT	RELEASED AT REV 55	CHK	CHK	CHK

384	1/8/97	CMG	CR2, 3, 4 WERE 18159 (PN HSMS-2811)	CTT	FC	CTT
N	10/20/94	CMG	R26 WAS 4.7K	CTT	FC	CTT
352	7/9/94	AC	ADDED RUN FROM R3 TO U2-7, L1-L3 WAS PN 103684321, MODIFIED NOTE-1 & 2	CTT	FC	CTT
345	5-7-96	VN	ADDED C17, R19, L1, L2, 3 AND NOTE-3	CTT	FC	CTT
K	10-17-95	CT	ADDED C16 TO NOTE 2	CTT	FC	CTT
287	6/15/95	TAB	REMOVED R33, 34, & 35, ADDED SITE CONTROLLER TO NOTE-2	CTT	FC	CTT
224	8-16-94	TAB	ADDED R33, 34, & 35	CTT	FC	CTT
217	7-15-94	VN	ADDED C15	CTT	FC	CTT
F	10-28-93	TAB	UPDATED NOTE-2	CTT	FC	CTT
ECN	DATE	BY		CHK	CHK	CHK

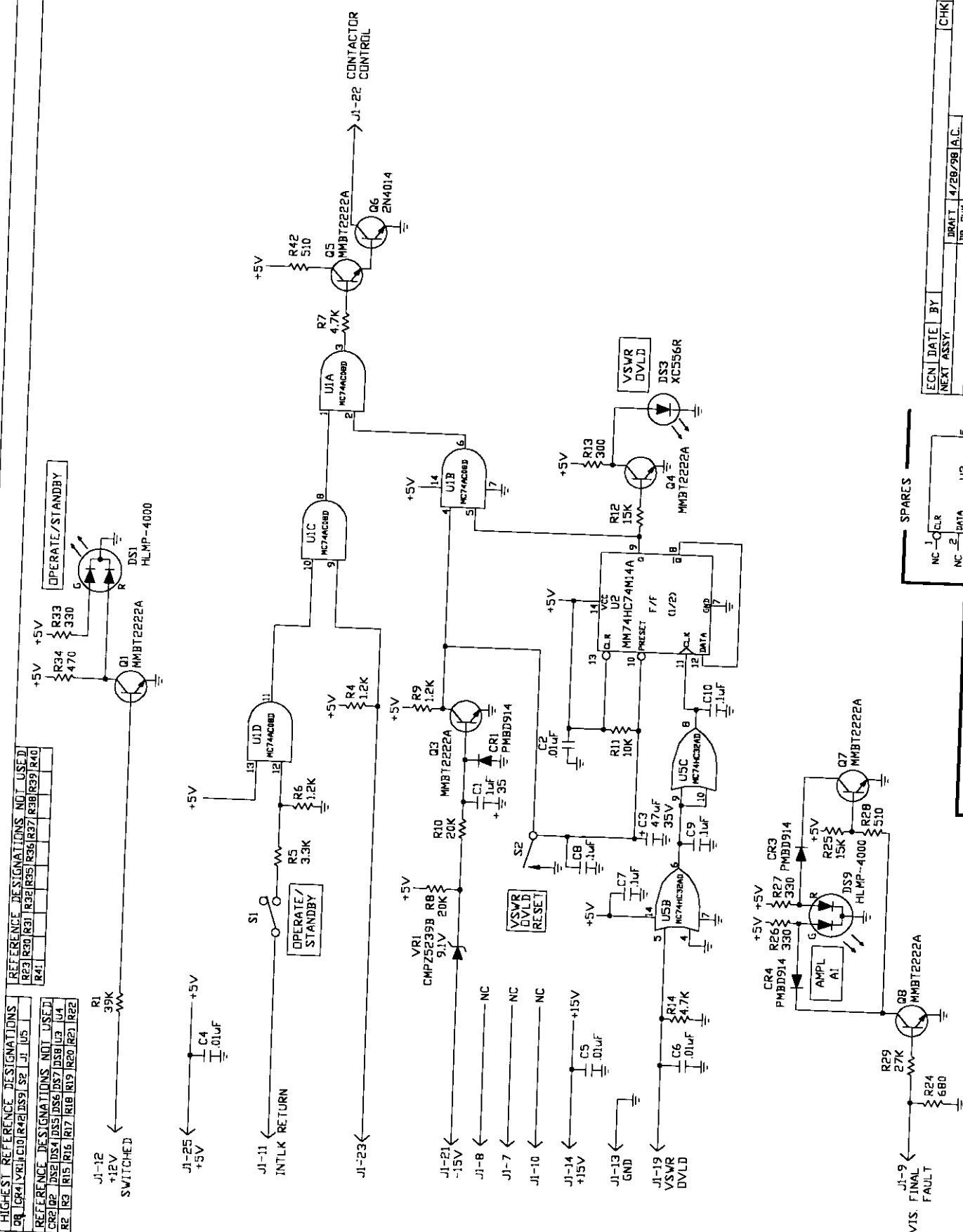
SCHEMATIC DIAGRAM,
METERING DETECTOR

30368024
REV P

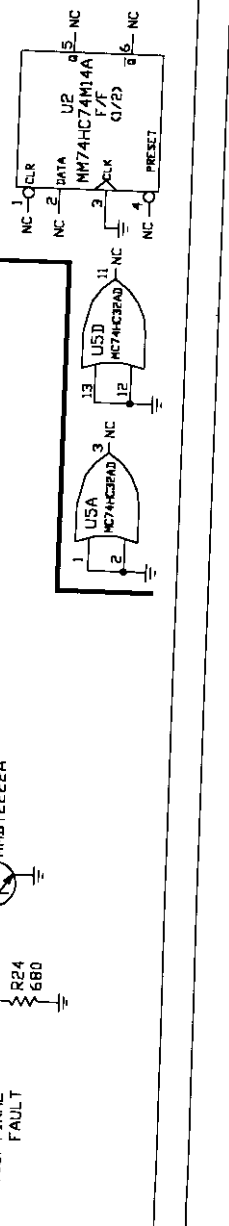
SHEET 1 OF 1

HIGH-EST REFERENCE DESIGNATIONS	
Q4	CR41 VR1 Q10 R42 DS9 S2 J1 U5
CR2 Q2	DS4 DS5 DS6 DS7 DS8 U3 U4
R2 R3	R15 R16 R17 R18 R19 R20 R21 R22

REFERENCE DESIGNATIONS NOT USED	
R23 R30 R31	R32 R35 R36 R37 R38 R39 R40
R41	



ECN	DATE	BY	CHK	CHK	APPV
NEXT	ASSY				
VERSION	4/28/98	A.C.			
MODEL	JR	CHK			
SCALE	M	ENG			
RELEASE	E	ENG			
DECIMAL	1	1/4"			
FRACTIONAL	1	1/4"			
ANGULAR	1	1/4"			



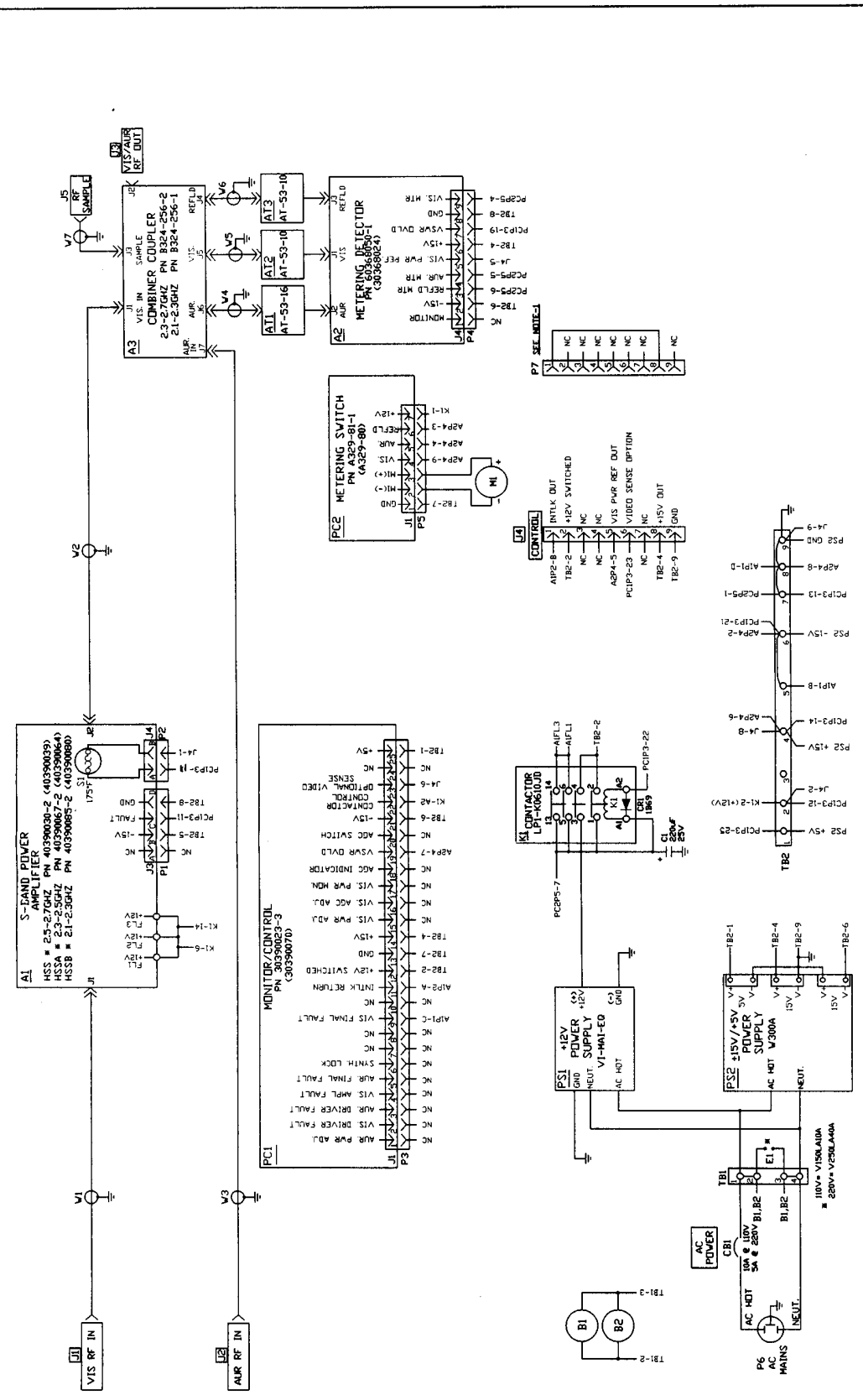
SCHEMATIC DIAGRAM,
MONITOR/CONTROL
(TSAS0HSS)

30390070
REV 51
SHEET 1 OF 1

EMCEE
BROADCAST
PRODUCTS
INC.
WHITE MARSH, PA. 18884

DATE	BY	REVISION	DESCRIPTION
01/03/2001	01	1	INITIAL DESIGN
02/03/2001	02	2	REVISED DESIGN
03/03/2001	03	3	REVISED DESIGN
04/03/2001	04	4	REVISED DESIGN
05/03/2001	05	5	REVISED DESIGN
06/03/2001	06	6	REVISED DESIGN
07/03/2001	07	7	REVISED DESIGN
08/03/2001	08	8	REVISED DESIGN
09/03/2001	09	9	REVISED DESIGN
10/03/2001	10	10	REVISED DESIGN
11/03/2001	11	11	REVISED DESIGN
12/03/2001	12	12	REVISED DESIGN
01/04/2001	01	13	REVISED DESIGN
02/04/2001	02	14	REVISED DESIGN
03/04/2001	03	15	REVISED DESIGN
04/04/2001	04	16	REVISED DESIGN
05/04/2001	05	17	REVISED DESIGN
06/04/2001	06	18	REVISED DESIGN
07/04/2001	07	19	REVISED DESIGN
08/04/2001	08	20	REVISED DESIGN
09/04/2001	09	21	REVISED DESIGN
10/04/2001	10	22	REVISED DESIGN
11/04/2001	11	23	REVISED DESIGN
12/04/2001	12	24	REVISED DESIGN
01/05/2001	01	25	REVISED DESIGN
02/05/2001	02	26	REVISED DESIGN
03/05/2001	03	27	REVISED DESIGN
04/05/2001	04	28	REVISED DESIGN
05/05/2001	05	29	REVISED DESIGN
06/05/2001	06	30	REVISED DESIGN
07/05/2001	07	31	REVISED DESIGN
08/05/2001	08	32	REVISED DESIGN
09/05/2001	09	33	REVISED DESIGN
10/05/2001	10	34	REVISED DESIGN
11/05/2001	11	35	REVISED DESIGN
12/05/2001	12	36	REVISED DESIGN
01/06/2001	01	37	REVISED DESIGN
02/06/2001	02	38	REVISED DESIGN
03/06/2001	03	39	REVISED DESIGN
04/06/2001	04	40	REVISED DESIGN
05/06/2001	05	41	REVISED DESIGN
06/06/2001	06	42	REVISED DESIGN
07/06/2001	07	43	REVISED DESIGN
08/06/2001	08	44	REVISED DESIGN
09/06/2001	09	45	REVISED DESIGN
10/06/2001	10	46	REVISED DESIGN
11/06/2001	11	47	REVISED DESIGN
12/06/2001	12	48	REVISED DESIGN
01/07/2001	01	49	REVISED DESIGN
02/07/2001	02	50	REVISED DESIGN
03/07/2001	03	51	REVISED DESIGN
04/07/2001	04	52	REVISED DESIGN
05/07/2001	05	53	REVISED DESIGN
06/07/2001	06	54	REVISED DESIGN
07/07/2001	07	55	REVISED DESIGN
08/07/2001	08	56	REVISED DESIGN
09/07/2001	09	57	REVISED DESIGN
10/07/2001	10	58	REVISED DESIGN
11/07/2001	11	59	REVISED DESIGN
12/07/2001	12	60	REVISED DESIGN
01/08/2001	01	61	REVISED DESIGN
02/08/2001	02	62	REVISED DESIGN
03/08/2001	03	63	REVISED DESIGN
04/08/2001	04	64	REVISED DESIGN
05/08/2001	05	65	REVISED DESIGN
06/08/2001	06	66	REVISED DESIGN
07/08/2001	07	67	REVISED DESIGN
08/08/2001	08	68	REVISED DESIGN
09/08/2001	09	69	REVISED DESIGN
10/08/2001	10	70	REVISED DESIGN
11/08/2001	11	71	REVISED DESIGN
12/08/2001	12	72	REVISED DESIGN
01/09/2001	01	73	REVISED DESIGN
02/09/2001	02	74	REVISED DESIGN
03/09/2001	03	75	REVISED DESIGN
04/09/2001	04	76	REVISED DESIGN
05/09/2001	05	77	REVISED DESIGN
06/09/2001	06	78	REVISED DESIGN
07/09/2001	07	79	REVISED DESIGN
08/09/2001	08	80	REVISED DESIGN
09/09/2001	09	81	REVISED DESIGN
10/09/2001	10	82	REVISED DESIGN
11/09/2001	11	83	REVISED DESIGN
12/09/2001	12	84	REVISED DESIGN
01/10/2001	01	85	REVISED DESIGN
02/10/2001	02	86	REVISED DESIGN
03/10/2001	03	87	REVISED DESIGN
04/10/2001	04	88	REVISED DESIGN
05/10/2001	05	89	REVISED DESIGN
06/10/2001	06	90	REVISED DESIGN
07/10/2001	07	91	REVISED DESIGN
08/10/2001	08	92	REVISED DESIGN
09/10/2001	09	93	REVISED DESIGN
10/10/2001	10	94	REVISED DESIGN
11/10/2001	11	95	REVISED DESIGN
12/10/2001	12	96	REVISED DESIGN
01/11/2001	01	97	REVISED DESIGN
02/11/2001	02	98	REVISED DESIGN
03/11/2001	03	99	REVISED DESIGN
04/11/2001	04	100	REVISED DESIGN

NOTE:
1- P7 IS USED WHEN AMPLIFIER
IS USED AS A SOLITARY UNIT.



DATE	BY	REV	CHK	APPV
01/03/2001	01	1		
02/03/2001	02	2		
03/03/2001	03	3		
04/03/2001	04	4		
05/03/2001	05	5		
06/03/2001	06	6		
07/03/2001	07	7		
08/03/2001	08	8		
09/03/2001	09	9		
10/03/2001	10	10		
11/03/2001	11	11		
12/03/2001	12	12		
01/04/2001	01	13		
02/04/2001	02	14		
03/04/2001	03	15		
04/04/2001	04	16		
05/04/2001	05	17		
06/04/2001	06	18		
07/04/2001	07	19		
08/04/2001	08	20		
09/04/2001	09	21		
10/04/2001	10	22		
11/04/2001	11	23		
12/04/2001	12	24		
01/05/2001	01	25		
02/05/2001	02	26		
03/05/2001	03	27		
04/05/2001	04	28		
05/05/2001	05	29		
06/05/2001	06	30		
07/05/2001	07	31		
08/05/2001	08	32		
09/05/2001	09	33		
10/05/2001	10	34		
11/05/2001	11	35		
12/05/2001	12	36		
01/06/2001	01	37		
02/06/2001	02	38		
03/06/2001	03	39		
04/06/2001	04	40		
05/06/2001	05	41		
06/06/2001	06	42		
07/06/2001	07	43		
08/06/2001	08	44		
09/06/2001	09	45		
10/06/2001	10	46		
11/06/2001	11	47		
12/06/2001	12	48		
01/07/2001	01	49		
02/07/2001	02	50		
03/07/2001	03	51		
04/07/2001	04	52		
05/07/2001	05	53		
06/07/2001	06	54		
07/07/2001	07	55		
08/07/2001	08	56		
09/07/2001	09	57		
10/07/2001	10	58		
11/07/2001	11	59		
12/07/2001	12	60		
01/08/2001	01	61		
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07/09/2001	07	79		
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09/10/2001	09	93		
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12/10/2001	12	96		
01/11/2001	01	97		
02/11/2001	02	98		
03/11/2001	03	99		
04/11/2001	04	100		

