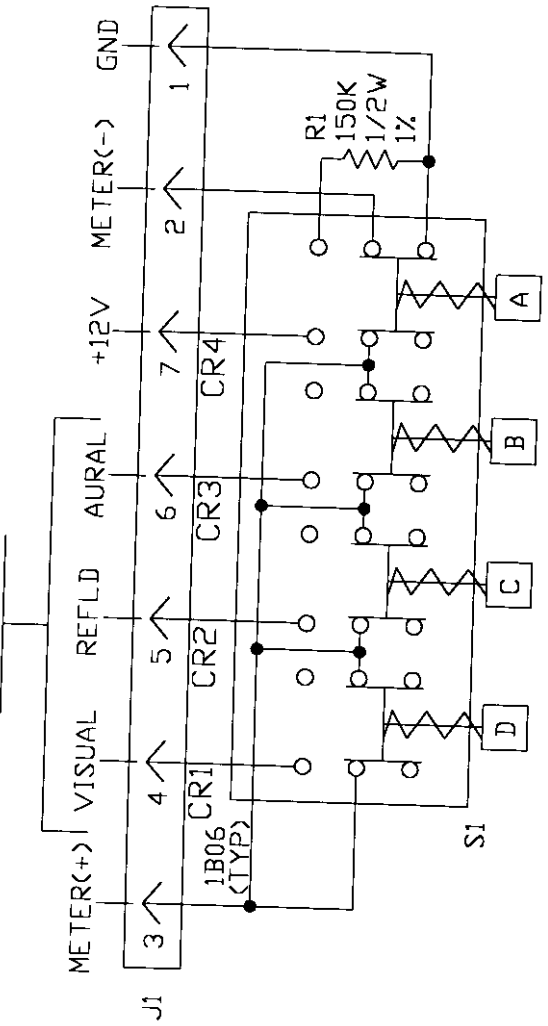


HIGHEST REFERENCE DESIGNATIONS									
J1	S1	R1	CR4						

REFERENCE DESIGNATIONS NOT USED									

NOTE-1 : FDR THE TTS10HS :
 PIN 5 IS AURAL, PIN 6 IS REFLD.
 FDR THE TSA50HS :
 PIN 4 IS METER OFF, PIN 5 IS
 VISUAL, PIN 6 IS REFLD.

SEE NOTE-1



151	5-28-93	T.M.	ADDED CR1 THRU CR4	C.T.T	RGN
B	1-26-91	T.M.	ADDED NOTE-1	C.T.T	RGN
ECN	DATE	BY		CHK	CHK APPV'L
NEXT ASSY: PL/A329-81-1			DRAFT	4-24-84	C.T.T
VERSION			DR. CHK	5-1-84	W.J.H.
MODEL			M. ENGR		
SCALE			E. ENGR	6-21-84	J.M.J.
TOLERANCES - EXCEPT AS NOTED			RELEASE	9-23-84	J.M.J.
DECIMAL .XX ± .010					
FRACTIONAL .XXX ± .005					
ANGULAR ± 1/64°					
± 1/2 DEG					

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

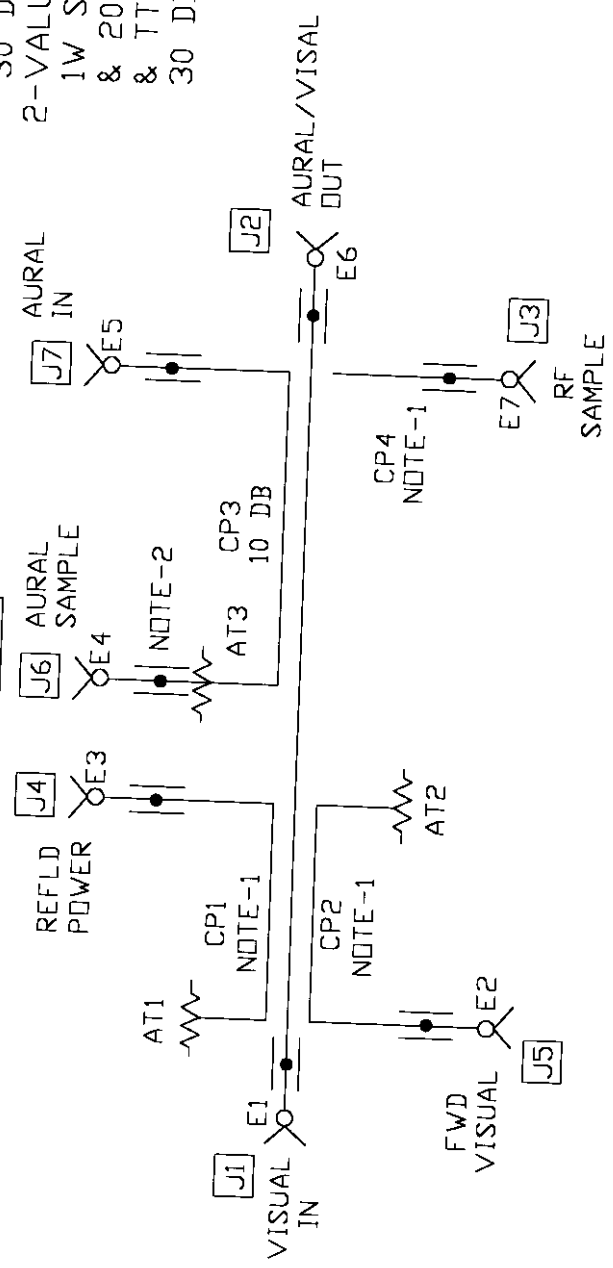
HIGHEST REFERENCE DESIGNATIONS									
AT3	CP4	E7	J7						

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

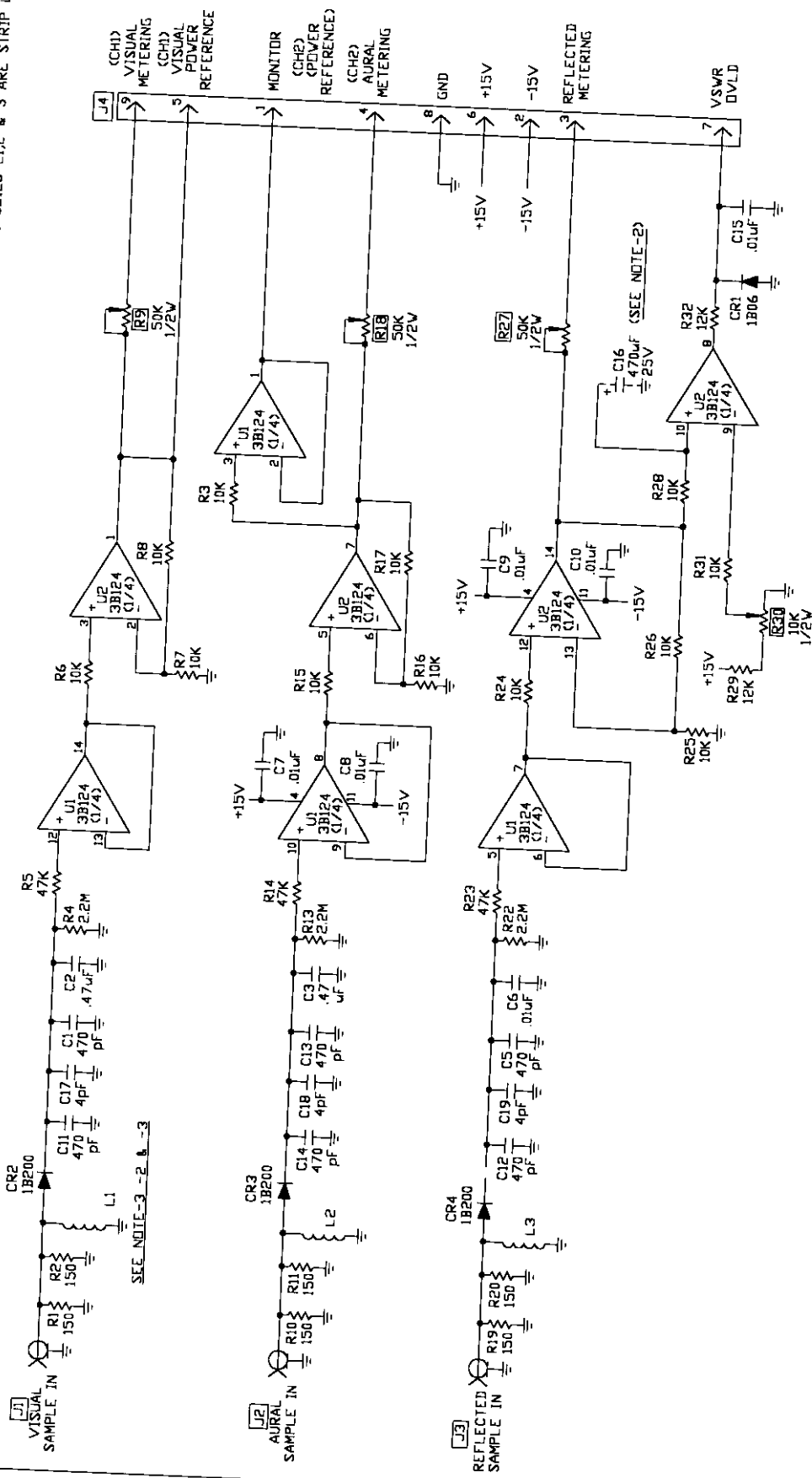
TOLERANCES - EXCEPT AS NOTED			
DECIMAL	XX	± .010	
FRACTIONAL	XXX	± .005	
ANGULAR	± 1/64°		
	± 1/2 DEG		

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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		OF 1
SHEET 1				OF 1		

HIGHEST REFERENCE DESIGNATIONS	R39	C19	U2	R4	L3
REFERENCE DESIGNATIONS NOT USED					
	R12	R20			

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.



REV	30368024	DF 1
1	30368024	DF 1
2	30368024	DF 1
3	30368024	DF 1
4	30368024	DF 1
5	30368024	DF 1
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99	30368024	DF 1
100	30368024	DF 1

ECN	DATE	BY	CHK	APPV
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3	10-28-93	TAB	CHK	APPV
4	10-28-93	TAB	CHK	APPV
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98	10-28-93	TAB	CHK	APPV
99	10-28-93	TAB	CHK	APPV
100	10-28-93	TAB	CHK	APPV

SCHEMATIC DIAGRAM,
METERING DETECTOR

30368024

REV P

EMCEE

BROADCAST
PRODUCTS
INC.

ENGINE
30368024
1.1/4"

FRACTIONAL
ANGULAR
1.1/4"

ANGULAR
1.1/4"

ANGULAR
1.1/4"

ANGULAR
1.1/4"

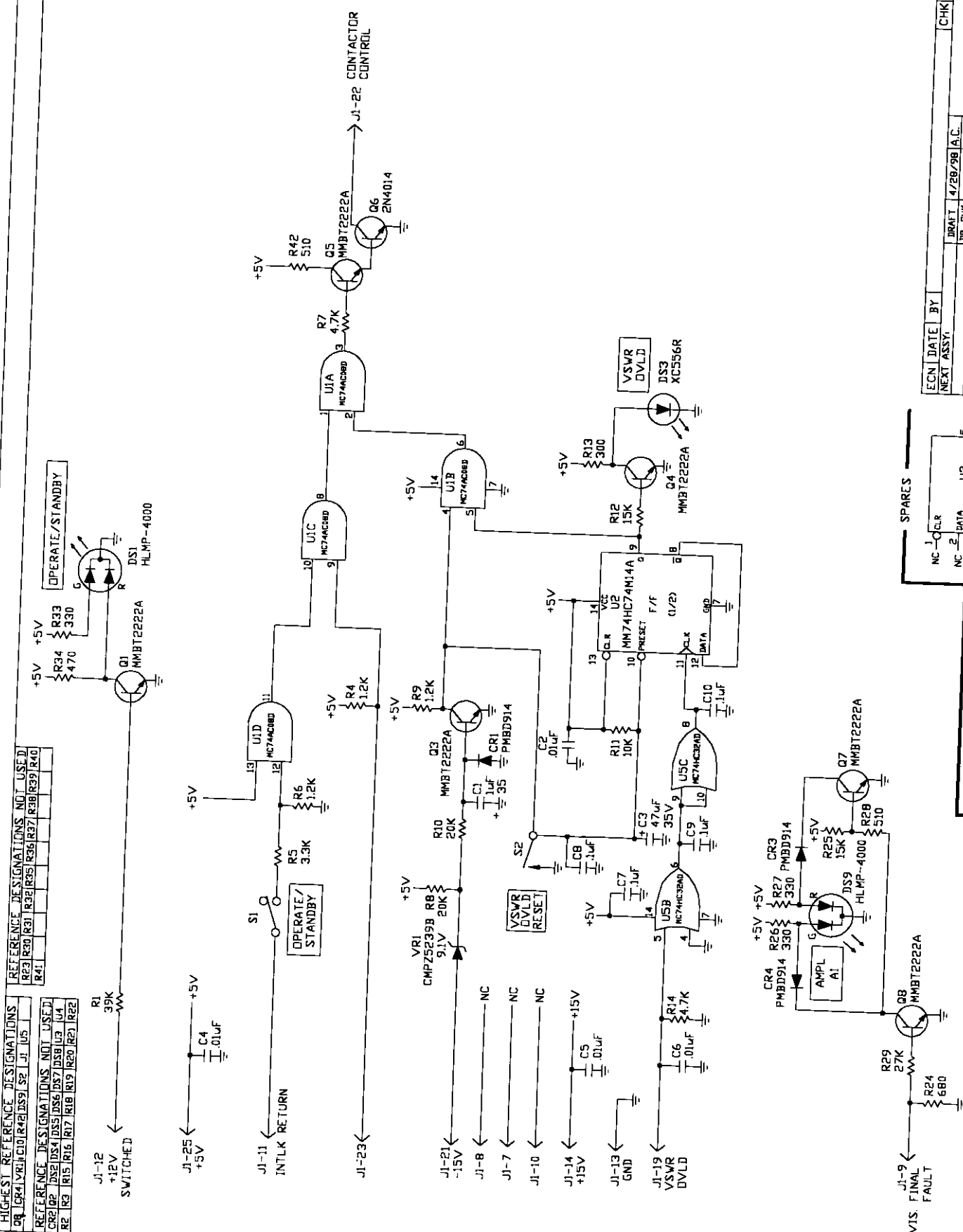
ANGULAR
1.1/4"

ANGULAR
1.1/4"

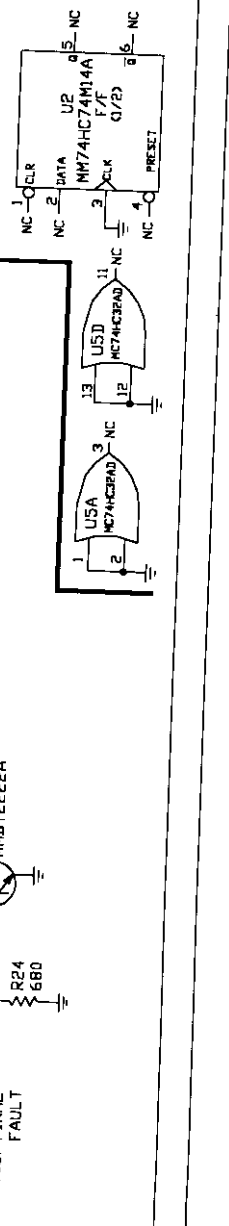
ANGULAR
1.1/4"

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	APPR
NEXT ASSY					
VERSION	4/28/98	A.C.			
MODEL	JR	CHK			
SCALE	M	ENGR			
TELEPHONE	E	ENGR			
RELEASE					
DECIMAL	0.001				
FRACTIONAL	1/1000				
ANGULAR	1/1000				



SCHEMATIC DIAGRAM,
MONITOR/CONTROL
(TSAS0HSS)

30390070

REV 51

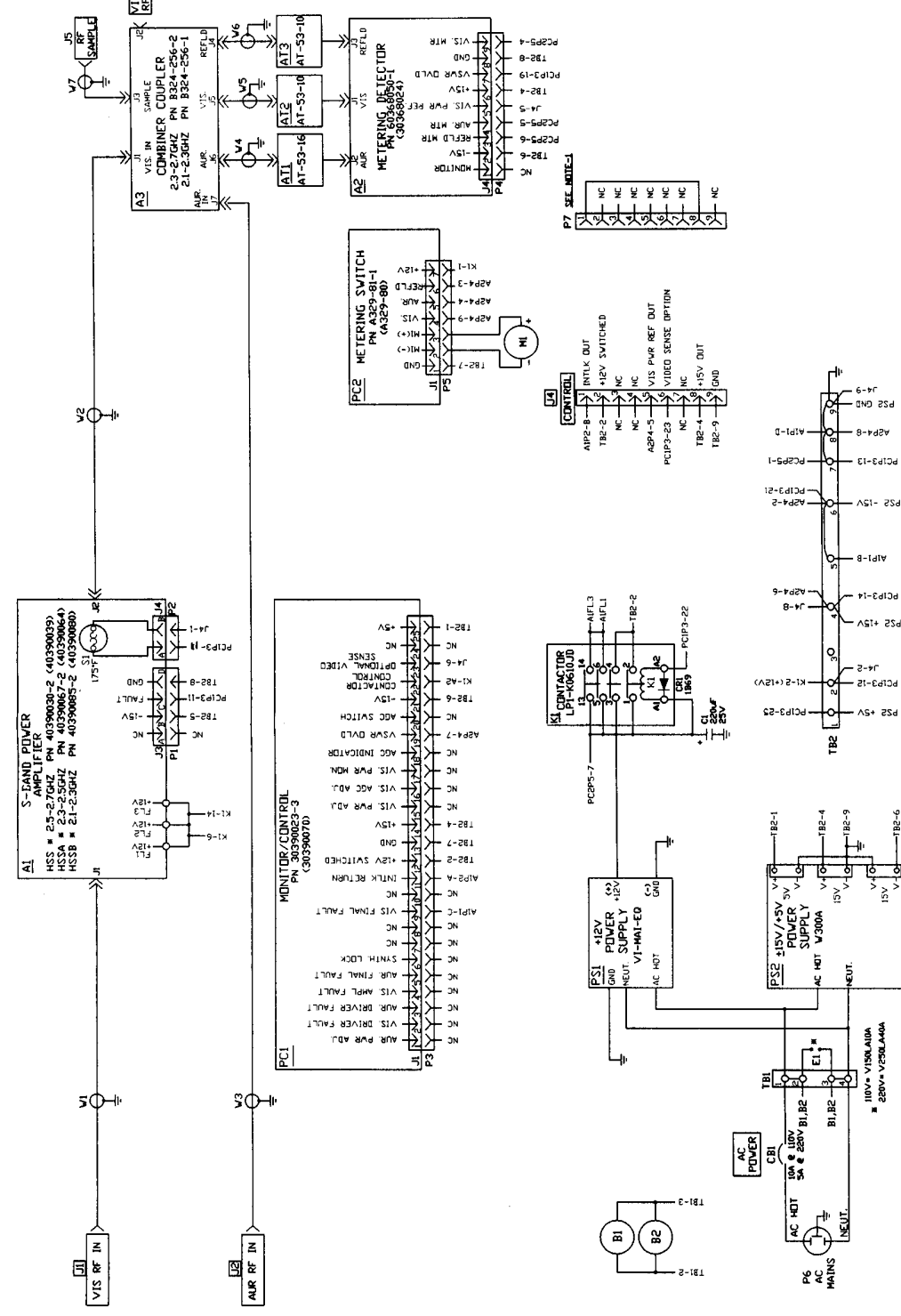
SHEET 1 OF 1

EMCEE
BROADCAST
PRODUCTS
INC.

WHITE HAVEN, PA. 18884

DATE	BY	REVISION	DESCRIPTION
01/03/2001	01	1	INITIAL DESIGN
02/03/2001	02	2	REVISION 1
03/03/2001	03	3	REVISION 2
04/03/2001	04	4	REVISION 3
05/03/2001	05	5	REVISION 4
06/03/2001	06	6	REVISION 5
07/03/2001	07	7	REVISION 6
08/03/2001	08	8	REVISION 7
09/03/2001	09	9	REVISION 8
10/03/2001	10	10	REVISION 9
11/03/2001	11	11	REVISION 10
12/03/2001	12	12	REVISION 11
01/04/2001	01	13	REVISION 12
02/04/2001	02	14	REVISION 13
03/04/2001	03	15	REVISION 14
04/04/2001	04	16	REVISION 15
05/04/2001	05	17	REVISION 16
06/04/2001	06	18	REVISION 17
07/04/2001	07	19	REVISION 18
08/04/2001	08	20	REVISION 19
09/04/2001	09	21	REVISION 20
10/04/2001	10	22	REVISION 21
11/04/2001	11	23	REVISION 22
12/04/2001	12	24	REVISION 23
01/05/2001	01	25	REVISION 24
02/05/2001	02	26	REVISION 25
03/05/2001	03	27	REVISION 26
04/05/2001	04	28	REVISION 27
05/05/2001	05	29	REVISION 28
06/05/2001	06	30	REVISION 29
07/05/2001	07	31	REVISION 30
08/05/2001	08	32	REVISION 31
09/05/2001	09	33	REVISION 32
10/05/2001	10	34	REVISION 33
11/05/2001	11	35	REVISION 34
12/05/2001	12	36	REVISION 35
01/06/2001	01	37	REVISION 36
02/06/2001	02	38	REVISION 37
03/06/2001	03	39	REVISION 38
04/06/2001	04	40	REVISION 39
05/06/2001	05	41	REVISION 40
06/06/2001	06	42	REVISION 41
07/06/2001	07	43	REVISION 42
08/06/2001	08	44	REVISION 43
09/06/2001	09	45	REVISION 44
10/06/2001	10	46	REVISION 45
11/06/2001	11	47	REVISION 46
12/06/2001	12	48	REVISION 47
01/07/2001	01	49	REVISION 48
02/07/2001	02	50	REVISION 49
03/07/2001	03	51	REVISION 50
04/07/2001	04	52	REVISION 51
05/07/2001	05	53	REVISION 52
06/07/2001	06	54	REVISION 53
07/07/2001	07	55	REVISION 54
08/07/2001	08	56	REVISION 55
09/07/2001	09	57	REVISION 56
10/07/2001	10	58	REVISION 57
11/07/2001	11	59	REVISION 58
12/07/2001	12	60	REVISION 59
01/08/2001	01	61	REVISION 60
02/08/2001	02	62	REVISION 61
03/08/2001	03	63	REVISION 62
04/08/2001	04	64	REVISION 63
05/08/2001	05	65	REVISION 64
06/08/2001	06	66	REVISION 65
07/08/2001	07	67	REVISION 66
08/08/2001	08	68	REVISION 67
09/08/2001	09	69	REVISION 68
10/08/2001	10	70	REVISION 69
11/08/2001	11	71	REVISION 70
12/08/2001	12	72	REVISION 71
01/09/2001	01	73	REVISION 72
02/09/2001	02	74	REVISION 73
03/09/2001	03	75	REVISION 74
04/09/2001	04	76	REVISION 75
05/09/2001	05	77	REVISION 76
06/09/2001	06	78	REVISION 77
07/09/2001	07	79	REVISION 78
08/09/2001	08	80	REVISION 79
09/09/2001	09	81	REVISION 80
10/09/2001	10	82	REVISION 81
11/09/2001	11	83	REVISION 82
12/09/2001	12	84	REVISION 83
01/10/2001	01	85	REVISION 84
02/10/2001	02	86	REVISION 85
03/10/2001	03	87	REVISION 86
04/10/2001	04	88	REVISION 87
05/10/2001	05	89	REVISION 88
06/10/2001	06	90	REVISION 89
07/10/2001	07	91	REVISION 90
08/10/2001	08	92	REVISION 91
09/10/2001	09	93	REVISION 92
10/10/2001	10	94	REVISION 93
11/10/2001	11	95	REVISION 94
12/10/2001	12	96	REVISION 95
01/11/2001	01	97	REVISION 96
02/11/2001	02	98	REVISION 97
03/11/2001	03	99	REVISION 98
04/11/2001	04	100	REVISION 99
05/11/2001	05	101	REVISION 100

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		
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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		
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07/06/2001	07	43		
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02/07/2001	02	50		
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11/07/2001	11	59		
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03/09/2001	03	75		
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01/10/2001	01	85		
02/10/2001	02	86		
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04/10/2001	04	88		
05/10/2001	05	89		
06/10/2001	06	90		
07/10/2001	07	91		
08/10/2001	08	92		
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11/10/2001	11	95		
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		

DATE	BY	REV	CHK	APPV
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02/03/2001	02	2		
03/03/2001	03	3		
04/03/2001	04	4		
05/03/2001	05	5		
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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		
02/08/2001	02	62		
03/08/2001	03	63		
04/08/2001	04	64		
05/08/2001	05	65		</

