

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND FRACTIONS SHALL BE IN DECIMALS OF AN INCH. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY. CONTRACTOR MAY AT HIS OPTION DEVIATE FROM THESE PROCESS DETAILS.

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REVISIONS				REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVAL	SYMBOL	DATE	DESCRIPTION	APPROVAL
D ₅	12 MAR 60	SEE SHEET 182 FOR REVISIONS	A11	A11	19 MAR 59	SEE SHEET 1 FOR REVISIONS	A11
E ₃	12 DEC 60	SEE SHEET 1 FOR REVISIONS	B ₅	B ₅	19 DEC 59	SEE SHEET 1 FOR REVISIONS	B ₅
F ₁	15 APR 61	SEE SHEET 2 FOR REVISIONS	C ₃	C ₃	22 MAR 60	SEE SHEET 1 FOR REVISIONS	C ₃
G ₁	10 MAY 61	SEE SHEET 1 FOR REVISIONS	H ₄	H ₄			
		(1),(2) SEE SHEET 1; (3) WAS WMT, BLK, ADDED WIRE FROM 3 TO 5					
J		ADDED ITEM 21 TO WIRE FROM 3 TO 5, TERM 28 & 31.					

TABLE I WIRE ROUTING TABLE

WIRE NO.	COLOR	FROM	TO	TERMINAL NO.	
1	TAN	3402-11	C430-A2	77	
2	PINK	-12	C431-B2	75	
3	MAN	-13	C431-A2	78	
4	LT GRN	-14	C429-D2	76	
5	WHT	-15	C429-C2	73	
6	CLR	-16	C430-D2	72	
7	BLK	-17	C430-C2	69	
8	BRN	-18	C431-D2	65	
9	RED	-19	C431-C2	66	
10	ORN	-20	C429-F2	67	
11	YEL	-21	C429-E2	68	
12	GRN	-22	C430-F2	69	
13	BLU	-23	C430-E2	70	
14	VLT	-24	C431-F2	71	
15	GRY	-25	C431-E2	72	
16	BLU	POST BMT	J401-2	67	
17	BLK	-0	C430-C2	69	
18	BRN	-1	C431-D2	65	
19	RED	-2	C431-C2	66	
20	ORN	-3	C429-F2	67	
21	YEL	-4	C429-E2	68	
22	GRN	-5	C430-F2	69	
23	BLU	-6	C430-E2	70	
24	VLT	-7	C431-F2	71	
25	GRY	-8	C429-E2	72	
26	WHT	-9	C429-A2	79	
27	CLR	-10	C430-B2	74	
28	WHT, BRN, RED	T8401-1	XV401-6	37	
29	WHT, BRN	J410-F	J416	35	
30	WHT, BRN	J410-E	J416	35	
31	WHT	J410-D	GRD LUG BY J416	33	
32	WHT	J410-N	GRD LUG BY T8401	35	
33	WHT, BLK	T8401-2	XV401-3	34	
34	WHT, RED	T8401-4	T401-1	36	
35	BRN	5401-1	BOARD ASSY-16	65	
36	RED	-2	5401-B	66	
37	ORN	-3	5401-E2	67	
38	ORN	-3	BOARD ASSY-15	67	
39	WHT	BOARD ASSY-24	GRD LUG BY J416	73	
40	YEL	5401-4	5401-2	68	
41	GRN	-5	-22	69	
42	BLU	-6	-10	70	
43	VLT	-7	-15	71	
44	RED	-8	-19	66	
45	YEL	-9	-21	68	
46	BLU	-10	-23	70	
47	GRN	-11	-25	72	
48	CLR	-12	-27	74	
49	TAN	-13	-29	77	
50	PINK	-14	-31	75	
51	VLT	-15	-24	71	
52	MAN	-16	BOARD ASSY-18	78	
53	BLK	-17	BOARD ASSY-11	64	
54	BLK	-17	5401-0	69	
55	BRN	-18	5401-1	65	
56	GRN	-22	BONED ASSY-10	69	
57	RED	-30	5401-2	66	
58	BRN		BOARD ASSY-1	J417	65
59	WHT		BOARD ASSY-2	GRD LUG BY J416	73
60	GRN		XV401-1	5401-B1, B2, B3, B4, B5	62

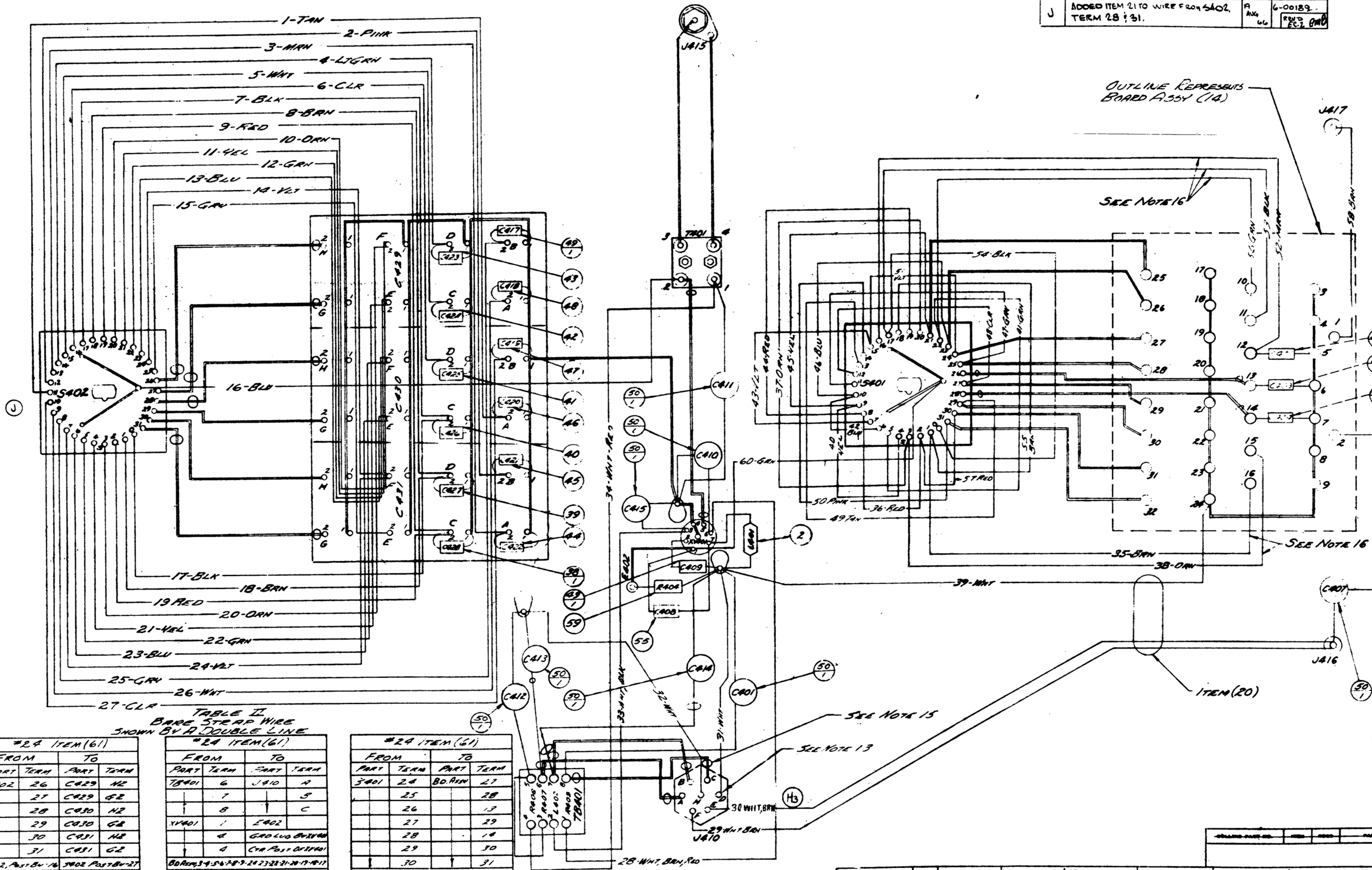


TABLE II BARE STRAP WIRE SHOWN BY A DOUBLE LINE

FROM	TO
3402	C429 H2
26	C429 G2
28	C430 H2
29	C430 G2
30	C431 H2
31	C431 G2
3402, Post Bv 16	3402 Post Bv 27
3402, Post Bv 6	3402 Post Bv 27
C431, S1, H1, C430, G1, H1, C429, G1, H1, F1	
C431, E1, F1, C430, E1, F1, C429, E1, F1, D1	
C431, C1, D1, C430, C1, D1, C429, C1, D1, B1	
C431, A1, B1, C430, A1, B1, C429, A1, B1	

FROM	TO
T8401	6 J410 A
7	5
8	C
XV401	1 5402
4	GRD LUG BY J416
4	GRD LUG BY J416
BO ASSY 1-5, 5401-1, 5401-2, 5401-3, 5401-4, 5401-5, 5401-6, 5401-7, 5401-8, 5401-9, 5401-10, 5401-11, 5401-12, 5401-13, 5401-14, 5401-15, 5401-16, 5401-17, 5401-18, 5401-19, 5401-20, 5401-21, 5401-22, 5401-23, 5401-24, 5401-25, 5401-26, 5401-27, 5401-28, 5401-29, 5401-30, 5401-31, 5401-32, 5401-33, 5401-34, 5401-35, 5401-36, 5401-37, 5401-38, 5401-39, 5401-40	
5401, Post Bv 1	5401, Post Bv 27
5401, Post Bv 16	5401, Post Bv 27
5401	31 BO ASSY 32
5401	21 BO ASSY 23
5401	23 BO ASSY 26

FROM	TO
3401	24 BO ASSY 27
25	28
26	13
27	29
28	14
29	30
30	31
XV401	5 T801 2
T801	3 J415
T801	4 GRD LUG BY J415
C430	81 GRD LUG BY XV401

LIST OF MATERIAL

DEPARTMENT OF THE ARMY
SIGNAL CORPS ENGINEERING
LABORATORIES
FORT MONMOUTH, NEW JERSEY

SM-D-24900
SHEET 3

OSCILLATOR ASSY - XTAL (WIRING)

DATE 30 DEC 55 SCALE 1/1

APPROVED HLY PME

REVIEWED PME

SIGNAL CORPS

14214-PH-51-93

APPROVED

CHECKED

DRAWN

UNLESS OTHERWISE SPECIFIED, DIMENSIONS INCLUDING HOLE SIZES MAY VARY ± .005 FRACTIONAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ± .010 BUSHING ANGLES MAY VARY ± 1° DIMENSIONS IN PARENTHESES MAY VARY ± .010 BUSHING ANGLES MAY VARY ± 1° ACCURACY BETWEEN ANY DIMENSIONS ON THE SAME CENTERING SHALL NOT EXCEED .005 TOTAL INDICATOR READING ALL DIMENSIONS ARE FINISH DIMENSIONS INCLUDING APPLIED FINISH AND ARE GIVEN IN INCHES

APPLICATION

558-0433-001

SM-D-24900

SC DL 14877

558-0433-001

SM-D-24900

SC DL 14877

558-0433-001

SM-D-24900

SC DL 14877