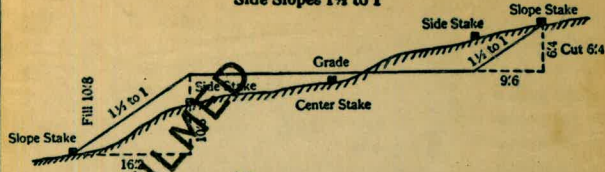


98

MISSION BAY

M.B.N. 98

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
Roadway of any Width
Side Slopes 1 1/4 to 1



In the figure above opposite 6 under "Cut or Fill" and under .4 read 9.6 the distance from the side stake to the slope stake at right. Opposite 10 under "Cut or Fill" and under .8 read 16.2, the distance from the side stake to the slope stake at the left.

Cut or Fill	.1	.2	.3	.4	.5	.6	.7	.8	.9	Cut or Fill	
Distance out from Side or Shoulder Stake											
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

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This Field Book is manufactured of a High Grade 50% Rag Paper having a WATER RESISTING SURFACE, and is sewed with Bing Special Enamel Waterproof thread.

Made in U. S. A.

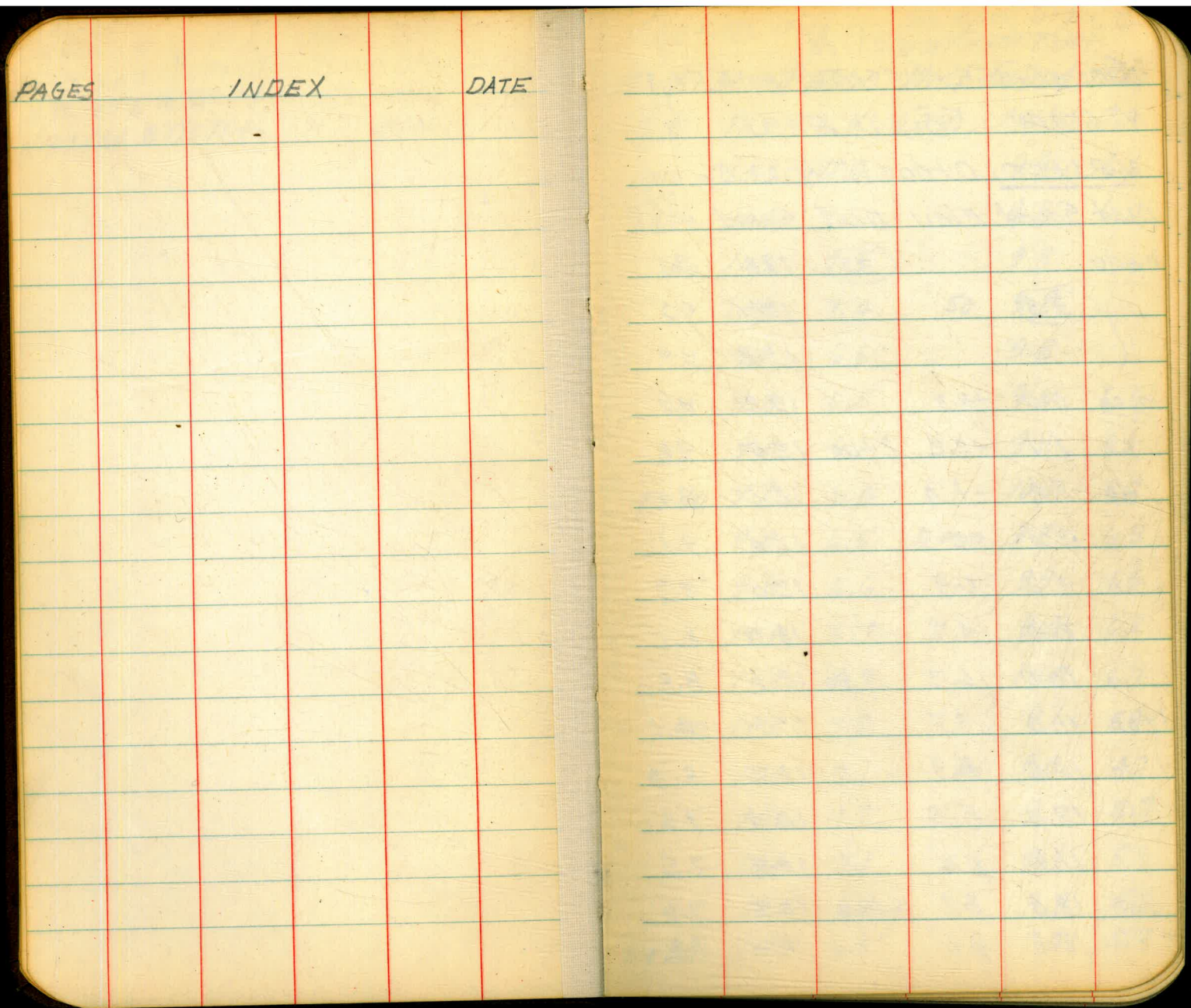
Terra.
N 97+00 W 16647.20 5th West 350'
N 96+00 W 16788.62 " 1220'
N 95+00 W 16930.04 " 1060'
N 94+00 N 17071.46 " 900'

16647.20
16788.62
16930.04

PAGES

INDEX

DATE



Contd From MBN#88

SOUNDINGS MISSION BAY PROJ

N^o 65402 SOUND EAST

N. 83+00, 0+00 = W. 18013.86

Dist Sound Elev Dist Sound Elev

0+00 (3.3) 12.9 9.6

(3.3) 12.8 9.5

13.2 9.9

13.2 9.9

10:05 0.0 +3.3 13.2 9.9

1.1 +2.2 2+00 12.9 9.6

50 1.9 +1.4 12.1 8.8

3.0 +0.3 12.4 9.1

4.2 0.9 12.0 8.7

8.0 4.7 12.0 8.7

10.0 6.7 50 12.1 8.8

1+00 11.0 7.7 11.9 8.6

12.2 8.9 11.7 8.4

12.1 8.8 10.9 7.6

11.9 8.6 10.5 7.2

12.0 8.7 3+00 10.3 7.0

50 12.3 9.0 10.6 7.3

N. 83+00 12-28-56 Stampel Gorkov D
Huffman Bluff

Dist Sound Elev Dist Sound Elev

(3.3) 10.9 7.6 (3.3) 10.1 6.8

10:10 10.8 7.5 9.9 6.6

10.8 7.5 9.8 6.5

50 10.8 7.5 9.8

10.7 7.4 50 9.8

9.9 6.6 9.8

9.8 6.5 9.8 6.5

9.4 6.1 9.9 6.6

4+00 9.7 6.4 10.0 6.7

9.8 6.5 6+00 9.8 6.5

9.9 6.6 9.9 6.6

10.0 6.7 9.5 6.2

10.2 6.9 10.0 6.7

50 10.5 7.2 9.1 5.8

10.4 7.1 50 8.0 4.7

10.6 7.3 9.0 5.7

10.4 7.1 9.1 5.8

10.1 6.8 8.8 5.5

5+00 10.2 6.9 9.0 5.7

N. 83+00 CONTD EAST 12-28-56

Dist	Sound	Elev	Dist	Sound	Elev
7+00	8.8	5.6	(3.2)	9.3	6.1
(3.2)	8.9	5.7	9+00	9.0	5.8
<u>1015</u>	8.8	5.6		8.7	5.5
	8.7	5.5		8.8	5.6
	7.0	3.8		9.1	5.9
50	7.8	4.6		9.8	6.6
	8.1	4.9	50	9.7	6.5
	9.5	6.3		8.8	5.6
	8.4	5.2		9.5	6.3
	9.0	5.8		9.8	6.6
8+00	8.6	5.4		10.5	7.3
	9.0	5.8	10+00	10.8	7.6
	10.4	7.2		10.8	7.6
	11.0	7.8		10.6	7.4
	11.1	7.9		11.0	7.8
50	11.1	7.9		12.0	8.8
	11.2	8.0	50	12.0	
	11.2	8.0		12.0	
	10.6	7.4		12.0	8.8

NB 3+00 CONTD EAST

②

Dist	Sound	Elev	Dist	Sound	Elev
(3.1)	12.0	8.9	(3.0)	10.3	7.3
	11.3	8.2		10.3	7.3
11+00	11.0	7.9		10.2	7.2
	10.9	7.8	13+00	10.1	7.1
	11.0	7.9		10.0	7.0
	10.3	7.2		9.9	6.9
<u>1020</u>	9.8	6.7		10.5	7.5
50	9.5	6.4		11.0	8.0
	9.4	6.3	50	10.8	7.8
	9.3	6.2		10.5	7.5
	9.2	6.1		9.8	6.8
	9.8	6.7		9.0	6.0
12+00	9.8	6.7		8.3	5.3
	9.2	6.1	14+00	7.2	4.2
	9.3	6.2		5.8	2.8
	9.2	6.1		5.0	2.0
	9.2	6.1	<u>1025</u>	4.5	1.5
50	9.8	6.7		3.0	0.0
	10.5	7.4	50	1.8	+1.2
				0.8	+2.2
			14+70	0.0	+3.0

12-28-56

N. 84+00; 0+00 = W 18,058.05 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+00			(2.6)	12.8	10.2
				12.5	9.9
			2+00	12.3	9.7
				13.5	10.9
				12.8	10.2
50				13.1	10.5
				13.1	10.5
(2.6)			50	12.0	9.4
<u>10.46</u>	0.2	+2.4		12.0	9.4
	1.0	+1.6		11.0	8.4
1+00	1.8	+0.8		11.0	8.4
	4.0	1.4		10.5	7.9
	7.2	4.6	3+00	10.0	7.4
	8.0	5.4		10.0	7.4
	9.1	6.5		10.3	7.7
50	10.0	7.4		10.3	7.7
	10.9	8.3		10.3	7.7
	12.5	9.9	50	10.2	7.6

N. 84+00 CONTD EAST

③

Dist	Sound	Elev	Dist	Sound	Elev
(2.5)	9.9	7.4	50	9.0	6.5
<u>10.50</u>	10.0	7.5	(2.5)	9.0	6.5
	9.5	7.0		8.8	6.3
	9.0	6.5		8.2	5.7
4+00	9.3	6.8		8.0	5.5
	9.4	6.9	6+00	8.2	5.7
	9.8	7.3		8.0	5.5
	9.9	7.4		8.1	5.6
	9.9	7.4		9.0	6.5
50	9.8	7.3		8.0	5.5
	9.7	7.2	50	7.2	4.7
	9.6	7.1		7.8	5.3
	9.8	7.3		8.1	5.6
	9.8	7.3		8.5	6.0
5+00	9.9	7.4		9.1	6.6
	10.0	7.5	7+00	8.0	5.5
	10.0	7.5		11.2	8.6
	9.9	7.4		11.2	8.6
	9.0	6.5		10.3	7.8

N. 84+00 CONTD EAST 12-28-56					
Dist	Sound	Elev	Dist	Sound	Elev
(2.5)	9.8	7.3	(2.5)	8.1	5.6
50	9.5	7.0		8.5	6.0
<u>10:50</u>	10.0	7.5	50	8.2	5.7
	9.3	6.8		8.2	5.7
	7.0	4.5		8.3	5.8
	7.2	4.7		8.3	5.8
8+00	7.3	4.8		8.8	6.3
	8.0	5.5	10+00	9.0	6.5
	9.2	6.7		9.0	6.5
	8.5	6.0		9.2	6.7
	7.8	5.3		9.8	7.3
50	8.2	5.7		10.0	7.5
	8.2	5.7	50	10.1	7.6
	8.1	5.6		10.2	7.7
	7.9	5.4		10.5	8.0
	7.7	5.2		10.1	7.6
9+00	7.5	5.0		9.1	6.6
	7.5	5.0	11+00	8.1	5.6
	7.6	5.1		7.8	5.3

N. 84+00 CONTD EAST ④					
Dist	Sound	Elev	Dist	Sound	Elev
(2.4)	7.0	4.6	(2.4)	4.0	1.6
	6.7	4.3		3.8	1.4
	6.7	4.3		2.9	0.5
50	6.3	3.9		2.0	+0.4
	6.0	3.6	50	1.9	+0.5
	5.1	2.7		1.4	+1.0
	4.2	1.8		1.4	+1.0
	3.9	1.5		1.3	+1.1
12+00	3.8	1.4		1.3	+1.1
	4.0	1.6	14+00	0.9	+1.5
	4.3	1.9	<u>11:00</u>	0.3	+2.1
<u>10:55</u>	4.5	2.1			
	4.2	1.8			
50	4.2	1.8			
	4.2	1.8	50		
	4.1	1.7			
	4.1	1.7			
	4.0	1.6			
13+00	4.0	1.6			

12-28-56

N. 85+00; 0+00 = W 18, 102.25 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
1+00			(2.0)	11.8	9.8
(2.0)				11.6	9.6
<u>11.14</u>	0.5	+1.5	3+00	11.5	9.5
	1.8	+0.2		11.0	9.0
	3.6	1.6		10.5	8.5
50	6.3	4.3		10.7	8.7
	9.0	7.0		10.4	8.4
	9.8	7.8	50	10.0	8.0
	10.2	8.2		9.9	7.9
	11.5	9.5		9.4	7.4
2+00	12.4	10.4		8.4	6.4
	12.8	10.8		7.8	5.8
	13.2	11.2	4+00	7.6	5.6
	13.2	11.2		7.9	5.9
	13.2	11.2		8.4	6.4
50	13.4	11.4		8.3	6.3
	14.0	12.0		8.9	7.9
	12.0	10.0	50	9.0	7.0

N. 85+00 CONTD EAST

⑤

Dist	Sound	Elev	Dist	Sound	Elev
(1.9)	9.1	7.2	50	10.8	8.9
	9.2	7.3	(1.9)	9.7	7.8
	9.4	7.5		9.9	8.0
	9.0	7.1		9.8	7.9
5+00	8.8	6.9		9.9	8.0
	8.9	7.0	7+00	9.9	8.0
	8.9	7.0		10.3	8.4
	9.6	7.7		10.7	8.8
	10.2	8.3		10.5	8.6
50	10.9	9.0		10.4	8.5
	10.9	9.0	50	10.0	8.1
	10.6	8.7		6.3	4.4
	9.3	7.4		6.7	4.8
<u>11.20</u>	9.4	7.5		6.4	4.5
6+00	9.0	7.1		6.3	4.4
	9.1	7.2	8+00	7.9	6.0
	9.2	7.3		8.2	6.3
	7.0	4.1		7.0	5.1
	7.8	5.9		8.5	6.6

N 85+00 CONTD EAST 12-28-56

Dist	Sound	Elev	Dist	Sound	Elev
(1.8)	7.9	6.1	(1.8)	6.5	4.7
50	5.3	3.5		5.3	3.5
	7.0	5.2	50	4.4	2.6
	7.6	5.8		4.0	2.2
<u>11:25</u>	7.9	6.1		3.5	1.7
	8.0	6.2	<u>11:28</u>	1.2	+0.6
9+00	9.0	7.2		0.6	+1.2
	9.9	8.1	11+00	0.3	+1.5
	10.6	8.8			
	11.4	9.6			
	11.9	10.1			
50	12.0	10.2			
	12.2	10.4	50		
	12.3	10.5			
	10.8	9.0			
	10.3	8.5			
10+00	8.5	6.7			
	7.7	5.9	12+00		
	8.0	6.2			

N 86+00; 0+00 = W 18,146.44 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
1+00			(1.4)	12.9	11.5
			(1.5)	12.5	11.1
			3+00	12.5	11.1
			<u>11:41</u>	12.3	10.9
	0.2	+1.3		11.9	10.5
50	1.1	+0.5		11.1	9.7
	3.0	1.5		10.5	9.1
	7.1	5.6	50	10.2	8.8
	8.8	7.3		9.9	8.5
	10.1	8.6		8.4	7.0
2+00	10.8	9.3		8.0	6.6
	11.2	9.7	<u>11:45</u>	7.9	6.5
	12.0	10.5	4+00	8.2	6.8
	12.1	10.6		8.7	7.3
	12.1	10.6		8.9	7.5
50	12.9	11.4		9.0	7.6
	12.8	11.3		8.9	7.5
	12.8	11.3	50	8.9	7.5

N. 86+00 CONTD EAST 12-28-56

	Dist	Sound	Elev	Dist	Sound	Elev
(F.4)	9.1	7.7	50	10.3	8.9	
	9.1		(1.4)	10.1	8.7	
	9.1			10.0	8.6	
	9.1	7.7		10.1	8.7	
5+00	9.2	7.8		10.0	8.6	
	9.5	8.1	7+00	9.8	8.4	
	9.5	8.1		9.8	8.4	
	9.8	8.4		9.7	8.3	
	9.8	8.4		9.9	8.5	
50	9.6	8.2		9.1	7.7	
	9.9	8.5	50	8.9	7.5	
	10.1	9.7		9.3	7.9	
	9.8	8.4		9.3	7.9	
	9.8	8.4		9.3	7.9	
6+00	9.8	8.4		9.4	8.0	
	10.0	8.6	8+00	9.3	7.9	
	10.0	8.6		9.3	7.9	
	10.1	8.7		8.9	7.5	
	10.2	8.8		8.8	7.4	

N. 86+00 CONTD, EAST

(7)

	Dist	Sound	Elev	Dist	Sound	Elev
(7.3)	9.9	8.6				
	50	10.0	8.7			
<u>11.50</u>	9.8	8.5	50			
	9.9	8.6				
	10.3	9.0				
	9.3	8.0				
9+00	9.9	8.6				
	10.0	8.7				
	9.9	8.6				
	9.9	8.6				
	8.1	6.8				
50	7.4	6.1				
	6.3	5.0				
	4.0	2.7				
	2.1	0.8				
	0.8	+0.5				
10+00	0.6	+0.7				
	0.0	+1.3				

12-28-56
N. 87+00; 0+00 = W 18, 190.63 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
1+00			(0.1)	11.3	11.2
			3+00	11.2	11.1
			11.0	10.9	10.8
			11.5	10.4	10.3
				10.0	9.9
50	(0.1)			9.7	9.6
1+65	0.0	+0.1	50	9.5	9.4
1.07	2.0	1.9		9.3	9.2
1.13	5.5	5.4		9.2	9.1
	7.0	6.9		8.3	8.2
2+00	8.2	8.1		7.8	7.7
	9.0	8.9	4+00	7.5	7.4
	9.8	9.7		7.6	7.5
	10.1	10.0		7.8	7.7
	10.2	10.1		7.5	7.4
50	10.8	10.7		7.4	7.3
	11.2	11.1	50	7.9	7.8
	11.3	11.2		7.8	7.7
	11.3	11.2		7.9	7.8

N. 87+00 CONTD EAST (8)

Dist	Sound	Elev	Dist	Sound	Elev
(0.0)	8.1	8.1	(0.0)	8.5	8.5
	8.3	8.3	<u>11.5</u>	9.0	9.0
5+00	8.0	8.0		9.8	9.8
	8.0	8.0	7+00	9.8	9.8
	8.2	8.2		10.1	10.1
	9.0	9.0		11.0	11.0
	9.0	9.0		10.1	10.1
50	9.0	9.0		9.7	9.7
	9.1	9.1	50	8.9	8.9
	9.1	9.1		9.0	9.0
	9.2	9.2		9.0	9.0
	9.0	9.0		8.7	8.7
6+00	9.0	9.0		9.8	9.8
	9.1	9.1	8+00	9.9	9.9
	9.8	9.8		9.0	9.0
	9.0	9.0		8.8	8.8
	9.2	9.2		8.8	8.8
50	9.8	9.8		8.9	8.9
	9.2	9.2	50	8.7	8.7

N. 87+00 CONTO EAST 12-28-56

Dist Sound Elev Dist Sound Elev

Dist	Sound	Elev	Dist	Sound	Elev
(0.0)	8.2	8.2			
	8.0	8.0			
	8.0	8.0			
	7.9	7.9			
9+00	6.9	6.9			
	4.9	4.9			
	3.7	3.7			
	2.1	2.1			
	0.0	0.0			

50

10+00

⑨

N. 88+00: 0+00 = W 18,234.83 SOUND EAST

Dist Sound Elev Dist Sound Elev

Dist	Sound	Elev	Dist	Sound	Elev
1+55	0.0	0.1	(-0.1)	10.0	10.1
(-0.1)	2.1	2.2		9.9	10.0
<u>1.29</u>	4.0	4.1	50	8.1	8.2
	5.5	5.6		8.9	9.0
	6.2	6.3		8.3	8.4
2+00	6.9	7.0		8.2	8.3
	7.3	7.4		8.0	8.1
	8.2	8.3	4+00	8.0	8.1
	9.5	9.6		8.1	8.2
	9.8	9.9		7.9	8.0
50	10.3	10.4		7.5	7.6
	10.8	10.9		7.4	7.5
	11.0	11.1	50	7.3	7.4
	11.2	11.3		8.0	8.1
	11.5	11.6		8.0	8.1
3+00	11.8	11.9		8.3	8.4
	10.1	10.2		8.8	8.9
	9.0	9.1	5+00	8.5	8.6

N. 88+00 CONTD EAST 12-28-56

Dist	Sound	Elev	Dist	Sound	Elev
(-0.2)	8.3	8.5	7+00	8.6	8.8
<u>1.35</u>	8.0	8.2	(-0.2)	9.2	9.4
	8.0	8.2		9.1	9.3
	7.9	8.1		9.0	9.2
50	7.9	8.1		9.2	9.4
	8.0	8.2	50	9.1	9.3
	8.4	8.6		9.1	9.3
	8.5	8.7		8.9	9.1
	9.5	9.7		8.3	8.5
6+00	9.5	9.7		8.1	8.3
	9.1	9.3	8+00	9.1	9.3
	9.0	9.2		9.3	9.5
	9.2	9.4		9.1	9.3
	9.8	10.0		9.2	9.4
50	9.6	9.8		8.8	9.0
	9.6	9.8	50	8.2	8.4
	9.4	9.6		8.0	8.2
	9.2	9.4		7.8	8.0
	9.0	9.2		6.7	6.9

N. 88+00 CONTD EAST

(10)

Dist	Sound	Elev	Dist	Sound	Elev
(-0.2)	4.5	4.7			
9+00	1.5	1.7			
<u>1.40</u>	1.1	1.3			
	0.0	0.2			

N. 89+00; 0+00 = W/18,279.02 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
1+42	0.0	0.3			
1+50	1.9	2.2	(-0.3)	9.6	9.9
(-0.3)	3.4	3.7	50	9.5	9.8
<u>1+50</u>	4.7	5.0		9.1	9.4
	5.1	5.4		8.5	8.8
	6.9	7.2		7.9	8.2
2+00	7.2	7.5		7.5	7.8
	6.9	7.2	4+00	7.2	7.5
	7.0	7.3		6.9	7.2
	8.3	8.6		6.7	7.0
	8.5	8.8		6.7	7.0
50	8.9	9.2		6.7	7.0
	8.7	9.0	50	6.8	7.1
	9.2	9.5		6.9	7.2
	9.8	10.1		6.8	7.1
	10.0	10.3		6.9	7.2
3+00	9.3	9.6		7.1	7.4
	9.8	10.1	5+00	7.6	7.9
	9.7	10.0		8.0	8.3
	9.8	10.1		8.1	8.4

N. 89+00 CONTD EAST 12-28-56 ①

Dist	Sound	Elev	Dist	Sound	Elev
(-0.3)	8.4	8.7	(-0.3)	10.4	10.7
	8.7	9.0		10.2	10.5
50	9.1	9.4		11.2	11.5
	8.9	9.2	50	11.8	12.1
	8.8	9.1		11.4	11.7
	8.7	9.0		11.1	11.4
	8.5	8.8		9.7	10.0
6+00	8.3	8.6		8.0	8.3
<u>1+55</u>	8.3	8.6	8+00	7.9	8.2
	9.0	9.3		8.5	8.8
	8.5	8.8		8.3	8.6
	9.0	9.3		8.0	8.3
50	10.1	10.4		8.2	8.5
	10.8	11.1	50	8.7	9.0
	11.1	11.4		8.5	8.8
	11.1	11.4		8.0	8.3
	11.0	11.3		5.6	5.9
7+00	11.1	11.4		3.8	4.1
	11.0	11.3	9+00	2.3	2.6

N. 89+00 CONTD EAST

Dist Sound Elev

9+10 1.8 2.1

2:00 1.5 1.8

(0.3) 1.1 1.4

9+35 0.0 0.3

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(2)

N. 90+00; 0+00 = W/8.323.22 SOUND EAST

Dist Sound Elev Dist Sound Elev

1+00 (-0.2) 10.2 10.4

(-0.2) 10.3 10.5

2:08 3+00 10.5 10.7

7+35 0.0 0.2 10.6 10.8

0.8 1.0 10.3 10.5

50 3.0 3.2 9.8 10.0

4.5 4.7 9.2 9.4

5.5 5.7 50 9.0 9.2

7.0 7.2 7.5 7.7

7.0 7.2 7.2 7.4

2+00 6.9 7.1 7.0 7.2

6.9 7.1 6.9 7.1

7.3 7.5 4+00 7.0 7.2

7.4 7.6 7.0 7.2

7.3 7.5 7.4 7.6

50 7.5 7.7 7.8 8.0

7.2 7.5 7.7

9.1 50 7.3 7.5

N.90+00 CONTD. EAST 12-28-56

Dist	Sound	Elev	Dist	Sound	Elev
(-0.1)	7.5	7.6	50	9.8	9.9
	7.5	}	(-0.1)	9.8	9.9
2:15	7.5			10.0	10.1
<u> </u>	7.5	7.6		10.3	10.4
5+00	7.4	7.5		11.0	11.1
	7.5	7.6	7+00	11.5	11.6
	7.4	7.5		11.3	11.4
	7.2	7.3		11.1	11.2
	7.3	7.4		10.9	11.0
50	7.5	7.6		10.8	10.9
	7.4	7.5	50	10.8	10.9
	6.9	7.0		12.2	12.3
	7.3	7.4		12.1	12.2
	7.5	7.6		12.8	12.9
6+00	8.5	8.6		11.4	11.5
	8.9	9.0	8+00	11.2	11.3
	8.9	9.0		10.4	10.5
	8.8	8.9		8.5	8.6
	8.9	9.0		8.0	8.1

N.90+00 CONTD EAST

(13)

Dist	Sound	Elev	Dist	Sound	Elev
(-0.1)	7.5	7.6			
50	7.8	7.9			
2:20	7.7	7.8			
<u> </u>	7.1	7.2			
	7.1	7.2			
	5.0	5.1			
9+00	3.0	3.1			
	2.9	3.0			
	2.3	2.4			
	2.1	2.2			
	2.0	2.1			
50	1.8	1.9			
	1.3	1.4			
	0.0	-0.1			

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N. 91+00; D+00=W 18,367.41 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+50			(0.0)	8.3	8.3
(0.0)				8.2	8.2
<u>2.30</u>			50	8.1	8.1
	0.0	0.0		8.0	8.0
	1.0	1.0		8.2	8.2
1+00	3.0	3.0		8.5	8.5
	4.1	4.1		8.0	8.0
	5.0	5.0	3+00	7.9	7.9
	5.7	5.7		8.1	8.1
	6.6	6.6		8.4	8.4
50	7.1	7.1		8.5	8.5
	7.2	7.2		8.6	8.6
	7.3	7.3	50	8.8	8.8
	7.3	7.3		8.5	8.5
	7.2	7.2		8.9	8.9
2+00	6.9	6.9		8.9	8.9
	7.4	7.4		7.9	7.9
	8.1	8.1	4+00	7.9	7.9

N. 91+00 CONT'D EAST

(2)

Dist	Sound	Elev	Dist	Sound	Elev
(0.1)	8.0	7.9	6+00	7.9	7.8
<u>2.35</u>	8.5	8.4	(0.1)	7.8	7.7
	8.5	8.4		7.6	7.5
	8.3	8.2		7.5	7.4
50	8.0	7.9		7.6	7.5
	7.9	7.8	50	7.7	7.6
	7.5	7.4		7.5	7.4
	7.2	7.1		7.5	7.4
	7.2	7.1		8.3	8.2
5+00	7.1	7.0		8.4	8.3
	7.0	6.9	7+00	10.1	10.0
	7.3	7.2		10.2	10.1
	7.5	7.4		10.9	10.8
	7.7	7.6		11.1	11.0
50	8.1	8.0		11.4	11.3
	8.3	8.2	50	11.5	11.4
	8.2	8.1		11.3	11.2
	7.9	7.8		10.9	10.8
	8.1	8.0		9.9	9.8

N. 91+00 CONTD EAST 12-28-56

Dist	Sound	Elev	Dist	Sound	Elev
(0.1)	12.4	123	(0.1)	1.9	1.8
8+00	12.7	126		1.3	1.2
<u>2.90</u>	12.5	124	10+00	0.9	0.8
	12.8	127	10+08	0.0	+0.1
	11.4	113			
	10.8	107			
50	10.0	9.9			
	9.8	9.7			
	8.0	7.9			
	6.6	6.5			
	5.4	5.3			
9+00	5.2	5.1			
	4.5	4.4			
	4.5	4.4			
	4.3	4.2			
	4.4	4.3			
50	4.0	3.9			
	3.2	3.1			
	2.2	2.1			

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(15)

N 79+00; 0+00 = W 19,293.83 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.7	+1.9	(5.6)	4.3	+1.3
(5.6)	3.9	+1.7		4.3	+1.3
¹³ <u>10.08</u>	4.2	+1.2	2+00	4.3	+1.3
	4.5	+1.1		4.2	+1.4
	4.7	+0.9		4.1	+1.5
50	4.8	+0.8		4.0	+1.6
	4.8	+0.8		4.0	+1.6
	4.8	+0.8	50	3.9	+1.7
	5.0	+0.6		3.8	+1.8
	5.1	+0.5		3.8	+1.8
1+00	5.0	+0.6		3.7	+1.9
	4.9	+0.7		3.7	+1.9
	4.9	+0.7	3+00	3.8	+1.8
	4.9	+0.7		3.8	+1.8
	4.7	+0.9		3.8	+1.8
50	4.9	+0.6		3.7	+1.9
	4.5	+1.1		3.5	+2.1
	4.4	+1.2	50	3.3	+2.3

N. 79+00 CONTD 12-31-56

Dist	Sound	Elev	Dist	Sound	Elev
(55)	3.1	+2.4	50	0.5	+4.0
	2.9	+2.6	<u>SOUND WEST</u>		
	2.8	+2.7	0+00		
	2.7	+2.8	(5.4)	3.0	+2.4
4+00	2.6	+2.9	10,25	2.3	+3.1
	2.4	+3.1		1.9	+3.5
	2.2	+3.3		1.9	+3.5
	2.2	+3.3	50	1.4	+4.0
	2.1	+3.4		0.9	+4.5
50	2.0	+3.5		0.0	+5.4
	1.9	+3.6			
<u>1020</u>	1.8	+3.7			
	1.7	+3.8			
	1.5	+4.0			
5+00	1.2	+4.3			
	1.0	+4.5			
	0.9	+4.6			
	1.0	+4.5			
	0.7	+4.8			

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(16)

N. 80+00; 0+00 = W 19,347' SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.5	+1.8	(53)	13.1	7.8
(53)	4.0	+1.3		12.9	7.6
<u>10,28</u>	4.3	+1.0	2+00	13.0	7.7
	4.8	+0.5		13.0	7.7
	5.0	+0.3		12.8	7.5
50	5.3	0.0		12.5	7.2
	5.6	1.3		12.8	7.5
	6.5	1.2	50	12.9	7.6
	8.8	3.5		13.0	7.7
	11.3	6.0		12.9	7.6
1+00	12.5	7.2		12.8	7.5
	13.0	7.7		12.3	7.0
	13.2	7.9	3+00	12.1	6.8
	13.2	7.9		12.2	6.9
	13.3	8.0		11.9	6.6
50	13.3	8.0		11.3	6.0
	13.2	7.9		10.8	5.5
	13.1	7.8	50	10.8	5.5

NB0+00 CONTD 12-31-56

Dist	Sound	Elev	Dist	Sound	Elev
(5.2)	11.0	5.8	<u>SOUND WEST</u>		
	11.7	6.5	0+00		7
	11.8	6.6	(5.2)	3.0	+2.2
	12.0	6.8	<u>1038</u>	2.5	+2.7
4+00	11.8	6.6		1.5	+3.7
	11.5	6.3		0.3	+4.9
	11.8	6.6			
	12.0	6.8			
	12.0	6.8			
50	12.0	6.8			
<u>10.35</u>	11.9	6.7			
	11.5	6.3			
	11.6	6.4			

(Prev on line)

(17)

N. 81+00; 0+00 = W/19,400.17 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.4	+4.7	(5.1)	13.8	8.7
(5.1)	1.8	+3.3		14.0	8.9
<u>1040</u>	3.0	+2.1	2+00	14.1	9.0
	3.8	+1.3		13.9	8.8
	4.2	+0.9		13.8	8.7
50	5.8	0.7		13.6	8.5
	6.8	1.7		13.4	8.3
	7.5	2.4	50	13.2	8.1
	7.8	2.7		13.1	8.0
	8.1	3.0		13.1	8.0
1+00	9.1	4.0		13.4	8.3
	11.1	6.0		13.8	8.7
	12.1	7.0	3+00	13.8	
	12.9	7.8		13.8	
	13.1	8.0		13.8	8.7
50	13.1	8.0		13.5	8.4
	13.2	8.1		13.5	8.4
	13.8	8.7	50	13.5	8.4

N81+00 CONTD 12-31-56

Dist	Sound	Elev	Dist	Sound	Elev
(5.0)	13.4	8.3	50	13.7	8.7
<u>1045</u>	13.5	8.4	(5.0)	13.5	8.5
	13.5	8.4		13.2	8.2
	13.6	8.5		13.1	8.1
4+00	13.6	8.5		13.1	8.1
	13.5	8.4	6+00	13.0	8.0
	13.5	8.4		12.9	7.9
	13.6	8.5		12.8	7.8
	13.8	8.7		12.3	7.3
50	13.8	8.7		12.1	7.1
	13.9	8.8	50	12.1	
	13.9	8.8		12.1	
	13.8	8.7		12.1	7.1
	13.8	8.7		12.2	7.2
5+00	13.8	8.7		12.0	7.0
	14.0	8.9	7+00	12.0	7.0
	14.1	9.0		11.9	6.9
	14.1	9.0		11.7	6.7
	13.9	8.9		11.5	6.5

N81+00 CONTD EAST.

(18)

Dist	Sound	Elev
	11.5	6.6
50	10.0	5.1
(4.9)	7.0	2.1
	4.2	+0.7
	3.1	+1.8
	2.2	+2.7
8+00	1.5	+3.4
	1.2	+3.7
	0.4	+4.5

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N 82+00; 0+00 = W 19453.34; SOUND EAST

Dist Sound Elev Dist Sound Elev

0+00 (4.7) 12.0 7.3

(4.7) 11:00 12.1 7.4

10:58 2+00 12.4 7.7

0+35 0.0 +4.7 13.2 8.5

0.8 +3.9 13.2 8.5

50 1.6 +3.1 12.9 8.2

2.8 +1.9 13.2 8.5

3.3 +1.4 50 13.1 8.4

3.9 +0.8 13.1 8.4

5.1 0.4 12.9 8.2

1+00 6.3 1.6 12.8 8.1

6.8 2.1 12.8 8.1

6.8 2.1 3+00 12.8 8.1

6.7 2.0 12.9 8.2

6.9 2.2 12.9 8.2

50 8.0 3.3 13.0 8.3

10.0 5.3 13.2 8.5

11.1 6.4 50 13.3 8.6

N. 82+00 CONTD EAST

(19)

Dist Sound Elev Dist Sound Elev

(4.7) 13.2 8.5 50 12.6 8.0

13.2 8.5 (4.6) 13.0 8.4

13.1 8.4 11:05 13.0 8.4

13.0 8.3 13.0 8.4

4+00 12.9 8.2 12.9 8.3

12.8 8.1 6+00 12.7 8.1

12.6 7.9 12.2 7.6

12.7 8.0 12.2 7.6

12.5 7.8 12.1 7.5

50 12.8 8.1 12.1 7.5

12.9 8.2 50 12.3 7.7

12.9 8.2 12.8 8.2

12.9 8.2 12.9 8.3

12.8 8.1 12.9 8.3

5+00 12.8 8.1 12.5 7.9

12.6 7.9 7+00 12.3 7.7

12.3 7.6 12.3 7.7

12.3 7.6 12.1 7.5

12.4 7.7 12.1 7.5

N 82+00 CONTD EAST 12-31-56

Dist Sound Elev

	11.9	7.4
50	11.9	7.4
(4.5)	11.9	7.4
	11.8	7.3
	11.7	7.2
	11.0	6.5
8+00	10.2	5.7
	8.0	3.5
	4.5	0.0
<u>11:08</u>	3.5	+1.0
	2.8	+1.7
50	2.0	+2.5
	1.0	+3.5
8+70	0.0	+4.5

(20)

N. 83+00; 0+00 = W/19,50651; SOUND EAST

Dist Sound Elev Dist Sound Elev

0+00			11.0	6.7	
(4.3)			(4.3)	11.0	6.7
<u>11:18</u>			2+00	11.5	7.2
				11.5	7.2
				11.6	7.3
54	0.0	+4.3		11.9	7.6
	0.6	+3.7		12.7	8.4
	1.5	+2.8	50	12.8	8.5
	2.1	+2.2		13.0	8.7
	2.9	+1.4		13.0	8.7
1+00	3.5	+0.8	<u>11:20</u>	12.8	8.5
	4.2	+0.1		12.7	8.4
	5.1	0.8	3+00	12.5	8.2
	5.8	1.5		12.4	8.1
	7.5	3.2		12.3	7.9
50	9.0	4.7		12.2	7.9
	10.0	5.7		12.0	7.7
	10.8	6.5	50	11.3	7.0

N. 83+00 CONTD EAST 12-31-56

Dist	Sound	Elev	Dist	Sound	Elev
(A3)	11.8	7.5	50	12.0	7.8
	12.2	7.9	(42)	12.0	7.8
	12.5	8.2		12.1	7.9
	12.5	8.2		12.2	8.0
4+00	12.5	8.2		12.3	8.1
	12.3	8.0	6+00	12.2	8.0
	12.3	8.0		12.2	8.0
	12.0	7.7		12.1	7.9
	12.0	7.7		11.9	7.7
50	11.7	7.4		12.0	7.8
	12.0	7.7	50	12.0	7.8
	12.3	8.0		12.0	7.8
	12.3			12.2	8.0
	12.3			12.3	8.1
5+00	12.3			12.5	8.3
	12.3	8.0	7+00	12.3	8.1
	12.1	7.8		12.2	8.0
	12.1	7.8		12.2	8.0
	12.0	7.7		12.2	8.0

N. 83+00 CONTD EAST

(2)

Dist	Sound	Elev	Dist	Sound	Elev
(4.1)	12.0	7.9	9+27	0.0	+4.1
50	12.0	7.9			
11:25	12.0	7.9			
	12.2	8.1			
	12.7	8.6			
	12.9	8.8			
8+00	13.0	8.9			
	13.0	8.9			
	13.0	8.9			
	12.9	8.8			
	12.2	8.1			
50	11.0	6.9			
	8.2	4.1			
	4.5	0.4			
	3.2	+0.9			
	2.2	+1.9			
9+00	1.5	+2.6			
	1.0	+3.1			
	0.3	+3.8			

12-31-56

N. 84+00: 0+00 = W 19,559.68: SOUND EAST

Dist Sound Elev Dist Sound Elev

0+00

(39) 12.0 8.1

(39)

12.0 8.1

11.33

2+00 12.0 8.1

12.1 8.2

11.35 12.2 8.3

50 0.0 +3.9 12.3 8.4

1.0 +2.9 12.0 8.1

1.8 +2.1 50 12.0

2.2 +1.7 12.0

3.0 +0.9 12.0 8.1

1+00 4.1 0.2 11.9 8.0

5.8 1.9 11.8 7.9

6.2 2.3 3+00 11.8 7.9

6.3 2.4 11.6 7.7

7.0 3.1 11.5 7.6

50 9.0 4.1 11.3 7.4

11.2 7.3 11.2 7.3

11.8 7.9 50 11.7 7.8

N. 84+00 CONTD EAST

(22)

Dist Sound Elev Dist Sound Elev

(39) 11.9 8.0 50 11.8 8.0

12.1 8.2 (38) 11.8 8.0

12.1 8.2 11.9 8.1

12.0 8.1 11.9 8.1

4+00 11.9 8.0 11.9 8.1

11.6 7.7 6+00 12.0 8.2

11.5 7.6 12.0 8.

11.4 7.5 11.9 8.1

11.4 7.5 11.8 8.0

50 11.3 7.4 11.8 8.0

11.4 7.5 50 11.9 8.1

11.5 7.6 11.40 11.8 8.0

11.8 7.9 11.8 8.0

12.0 8.1 11.9 8.1

5+00 12.2 8.3 12.1 8.3

12.2 8.3 7+00 12.2 8.4

12.1 8.2 12.3 8.5

11.9 8.0 12.3 8.5

11.8 7.9 12.4 8.6

N. 84+00 CONTD EAST

	Dist	Sound	Elev	Dist	Sound	Elev
	12.2	8.5	(3.7)	2.0	+1.7	
50	12.2	9.5	<u>11.45</u>	1.4	+2.3	
(3.7)	11.9	8.2	50	0.5	+3.2	
	11.7	8.0	9+55	0.0	+3.7	
	11.3	7.6				
	11.2	7.5				
8+00	11.1	7.4				
	10.9	7.2				
	11.0	7.3				
	11.1	7.4				
	11.3	7.6				
50	11.1	7.4				
	11.1	7.4				
	11.0	7.3				
	10.5	6.8				
	8.3	4.6				
9+00	6.1	2.4				
	3.8	0.1				
	2.9	+0.8				

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(23)

N. 85+00; 0+00 = W. 19.61285; SOUND EAST

	Dist	Sound	Elev	Dist	Sound	Elev
0+55	0.0	+2.4	(24)	12.0	9.6	
(24)	0.2	+2.2		12.1	9.7	
⁴³ <u>12:37</u>	0.8	+1.6	50	12.1	9.7	
	1.5	+0.9		12.1	9.7	
	2.9	0.5		12.0	9.6	
1+00	4.2	1.8		11.8	9.4	
	5.3	2.9		11.8	9.4	
	6.5	4.1	3+00	11.8	9.4	
	7.2	4.8		11.8	9.4	
	7.9	5.5		11.5	9.1	
50	9.3	6.9		11.2	8.8	
	10.3	7.9		10.9	8.5	
	11.0	8.6	50	11.0	8.6	
	11.3	8.9		11.0	8.6	
	11.5	9.1		11.0	8.6	
2+00	11.5	9.1		10.8	8.4	
	11.7	9.3		10.5	8.1	
	11.9	9.5	4+00	10.5	8.1	

N. 85+00 CONTD EAST

Dist	Sound	Elev	Dist	Sound	Elev
(24)	10.3	7.9	6+00	10.4	8.0
<u>1245</u>	10.2	7.8	(24)	10.1	7.7
—	10.3	7.9		10.1	7.7
	10.2	7.8		10.0	7.6
50	10.3	7.9		9.9	7.5
	10.1	7.7	50	9.9	7.5
	10.0	7.6		9.9	7.5
	10.2	7.8		10.2	7.8
	10.5	8.1		10.0	7.6
5+00	10.8	8.4		10.2	7.8
	10.6	8.2	7+00	10.3	7.9
	10.4	8.0		10.3	7.9
	10.2	7.8		10.5	8.1
	10.3	7.9		10.5	8.1
50	10.1	7.7		10.7	8.3
	10.2	7.8	50	10.6	8.2
	10.3	7.9		10.4	8.0
	10.4	8.0		10.2	7.8
	10.3	7.9		10.1	7.7

N. 85+00 CONTD EAST 12-31-56 (24)

Dist	Sound	Elev	Dist	Sound	Elev
(23)	10.0	7.7			
8+00	10.1	7.8			
	10.2	7.9			
	10.0	7.7			
	10.2	7.9			
	10.0	7.7			
50	9.9	7.6			
	9.8	7.5			
	9.4	7.1			
	9.2	6.9			
	9.0	6.7			
9+00	8.2	5.9			
	6.6	4.3			
	2.9	0.6			
<u>1250</u>	1.1	+1.2			
—	0.4	+1.9			
9+45	0.0	+2.3			

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N. 86+00: 0+00 = W/9666.02: SOUND EAST

Dist Sound Elev Dist Sound Elev

0+50			(2.1)	11.1	9.0
(2.1)	0.0	+2.1		11.1	9.0
12:55	0.7	+1.4	50	11.2	9.1
	1.2	+0.9		11.3	9.2
	2.0	+0.1		11.4	9.3
1+00	4.0	1.9		11.4	9.3
	5.2	3.1		11.5	9.4
	6.5	4.4	3+00	11.8	9.7
	7.8	5.7		11.8	
	9.0	6.9		11.8	
50	9.2	7.1		11.8	9.7
	10.0	7.9		11.6	9.5
	10.9	8.8	50	11.4	9.3
	11.0	8.9		11.3	9.2
	11.0	8.9		11.0	8.9
2+00	11.2	9.1		10.8	8.7
	11.2	9.1		10.6	8.5
	11.1	9.0	4+00	10.6	8.5

N. 86+00 CONTD EAST

(25)

Dist Sound Elev Dist Sound Elev

(2.1)	10.7	8.6	6+00	10.5	8.5
1:00	10.7	8.6	(2.0)	10.6	8.6
	10.6	8.5		10.5	8.5
	10.4	8.3		10.4	8.4
50	10.3	8.2		10.2	8.2
	10.3	8.2	50	9.8	7.8
	10.3	8.2		9.4	7.4
	10.3	8.2		9.2	7.2
	10.1	8.0		9.3	7.3
5+00	10.1	8.0		9.8	7.8
	9.9	7.8	7+00	9.8	7.8
	9.8	7.7		10.0	8.0
	9.7	7.6		9.9	7.9
	9.9	7.8		10.0	8.0
50	10.2	8.1		10.0	8.0
	10.3	8.2	50	9.9	7.9
	10.3	8.2		9.8	7.8
	10.6	8.5		9.6	7.6
	10.7	8.6		9.6	7.6

N 86+00 CONTD EAST

Dist Sound Elev Dist Sound Elev

(1.9) 9.5 7.6

8+00 9.7 7.8

9.8 7.9

10.0 8.1

10.1 8.2

9.9 8.0

50 9.8 7.9

9.5 7.6

9.7 7.8

11.05 9.4 7.5

9.0 7.1

9+00 8.0 6.1

5.5 3.6

2.0 0.1

1.0 +0.9

9+40 0.0 +1.9

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(26)

N 87+00:0+00 = W 19.719.19 SOUND EAST

Dist Sound Elev Dist Sound Elev

0+50 (1.8) 10.3 8.5

(1.9) 0.0 +1.9 10.3 8.5

11.2 0.5 +1.4 50 10.3 8.5

1.0 +0.9 10.4 8.6

1.7 +0.2 10.6 8.8

1+00 3.0 1.1 10.8 9.0

4.7 2.8 10.9 9.1

5.8 3.9 3+00 11.0 9.2

6.6 4.7 10.7 8.9

7.6 5.7 10.3 8.5

50 8.3 6.4 10.0 8.2

9.2 7.3 9.7 7.9

9.6 7.7 50 9.8 8.0

9.9 8.0 9.8 8.0

10.0 8.1 9.9 8.1

2+00 10.1 8.2 9.9 8.1

10.0 8.1 10.0 8.2

10.1 8.2 4+00 10.0 8.2

N. 87400 CONTD EAST 12-31-56

Dist Sound Elev Dist Sound Elev

(7.7) 10.1 8.4 6+00 10.1 8.4

11.15 10.2 8.5 10.3 8.6

10.3 8.6 10.4 8.7

10.3 10.3 8.6

50 10.3 10.2 8.5

10.3 8.6 50 10.2 8.5

10.5 8.8 10.2 8.5

11.0 9.3 10.1 8.4

11.4 9.7 10.2 8.5

5+00 11.3 9.6 10.3 8.6

10.4 8.7 7+00 10.2 8.5

10.0 8.3 10.2 8.5

10.1 8.4 9.8 8.1

10.5 8.8 9.3 7.6

50 10.6 8.9 9.1 7.4

10.7 9.0 50 9.2 7.5

10.8 9.1 9.4 7.7

10.6 8.9 9.5 7.8

10.2 8.5 9.5 7.8

N. 87400 CONTD EAST

(27)

Dist Sound Elev

(7.6) 9.5 7.9

8+00 9.6 8.0

9.5 7.9

11.20 9.5 7.9

9.4 7.8

9.3 7.7

50 9.3 7.7

9.2 7.6

9.0 7.4

8.0 6.4

6.1 4.5

9+00 2.2 0.6

1.1 +0.5

0+00 0.0 +1.6

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N.88+00; 0+00 = W/9.77236; SOUND EAST

Dist Sound Elev Dist Sound Elev

0+50 0.0 +1.5 (7.4) 10.3 8.9

(1.5) 0.6 +0.9 10.6 9.2

1:25 1.3 +0.2 50 11.0 9.6

2.2 0.7 11.3 9.9

3.2 1.7 11.4 10.0

1+00 4.1 2.6 11.0 9.6

4.8 3.3 9.7 8.3

5.8 4.3 3+00 9.4 8.0

6.9 5.4 9.3 7.9

7.8 6.3 9.2 7.8

50 8.4 6.9 9.1 7.7

9.2 7.7 9.1 7.7

9.7 8.2 50 9.2 7.8

9.9 8.4 1:30 9.3 7.9

10.0 8.5 9.4 8.0

2+00 10.0 8.5 9.4 8.0

10.0 8.5 9.5 8.1

10.1 8.6 4+00 9.5 8.1

N.88+00 CONTD EAST

(28)

Dist Sound Elev Dist Sound Elev

(1.4) 9.6 8.2 6+00 10.4 9.1

9.6 8.2 (1.3) 10.4 9.1

9.7 8.3 10.8 9.5

9.9 8.5 10.9 9.6

50 10.1 8.7 11.0 9.7

10.2 8.8 50 10.5 9.2

10.6 9.2 9.4 8.1

11.0 9.6 8.4 7.1

11.0 9.6 8.5 7.2

5+00 10.8 9.4 8.9 7.6

10.1 8.7 7+00 9.7 8.4

10.0 8.6 9.3 8.0

10.0 8.6 1:35 9.1 7.8

10.0 8.6 9.0 7.7

50 10.1 8.7 8.9 7.6

10.3 8.9 50 8.8 7.5

10.3 8.5 7.2

10.3 8.3 7.0

10.3 8.9 8.1 6.8

N. 88+00 CONTD EAST

Dist South Elev

(7.3) 8.2 6.9

8+00 8.2 6.9

8.2 6.9

8.3 7.0

8.6 7.3

8.7 7.4

50 8.8 7.5

8.7 7.4

8.5 7.2

11.37 7.9 6.6

5.9 4.6

9+00 1.7 0.4

0.8 +0.5

9+20 0.0 +1.3

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(29)

N. 89+00: 0+00 = W/19,825.53; SOUTH EAST

Dist South Elev Dist South Elev

0+50 (0.3) 9.1 8.8

(0.3) 9.8 9.5

0+72 0.0 +0.3 50 10.0 9.7

2+28 2.0 1.7 10.0 9.7

2.8 2.5 9.9 9.6

1+00 3.7 3.4 9.3 9.0

4.8 4.5 9.0 8.7

5.2 4.9 3+00 9.0

5.8 5.5 9.0

6.0 5.7 9.0

50 6.9 6.6 9.0 8.7

2+30 7.3 7.0 8.9 8.6

7.9 7.6 50 9.0 8.7

8.0 7.7 8.9 8.6

8.1 7.8 8.9

2+00 8.1 7.8 8.9

8.2 7.9 8.9

8.7 8.4 4+00 8.9 8.6

N 89+00 CONTD EAST 12-31-56

	Dist	Sound	Elev	Dist	Sound	Elev
(0.3)	8.9	8.6	6+00	8.7	8.4	
	9.0	8.7	(0.3)	8.8	8.5	
	9.0	8.7	<u>2:35</u>	9.0	8.7	
	9.1	8.8		9.1	8.8	
50	9.2	8.9		9.5	9.2	
	9.3	9.0	50	9.9	9.6	
	9.2	8.9		9.7	9.4	
	9.5	9.2		9.3	9.0	
	9.5	9.2		9.3	9.0	
5+00	9.3	9.0		9.2	8.9	
	9.1	8.8	7+00	9.2	8.9	
	9.0	8.7		9.1	8.8	
	8.5	8.2		8.8	8.5	
	8.0	7.7		8.5	8.2	
50	7.8	7.5		8.5	8.2	
	7.9	7.6	50	8.3	8.0	
	8.0	7.7		8.1	7.8	
	8.2	7.9		8.0	7.7	
	8.3	8.0		8.0	7.7	

N. 89+00 CONTD EAST

(30)

	Dist	Sound	Elev	Dist	Sound	Elev
(0.2)	8.0	7.8				
8+00	7.9	7.7				
	8.1	7.9				
	8.3	8.1				
	8.2	8.0				
	8.4	8.2				
50	8.3	8.1				
	8.2	8.0				
	8.1	7.9				
	8.0	7.8				
	8.1	7.9				
9+00	8.2	8.0				
	8.5	8.3				
	8.8	8.6				
	8.0	7.8				
	2:38	5.8	5.6			
	50	3.7	3.5			
	1.5	1.3				
9+68	0.0	+0.2				

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N. 90+00; 0+00 = W/19,878.71 SOUND EAST

Dist Sound Elev Dist Sound Elev

0+50 0.6 14.6

~~0+75 1.2 14.6~~~~10+25 3.0 50 14.8~~~~3.9 14.9~~~~4.3 15.1~~

1+00 5.2 15.2

6.0 15.5

7.4 3+00 15.8

9.0 15.7

9.9 15.6

50 10.4 15.1

10.9 14.6

11.9 50 14.4

12.9 14.4

13.5 14.7

2+00 14.0 14.9

14.3 14.8

14.3 4+00 15.0

N. 90+00 CONTD EAST

③

Dist Sound Elev Dist Sound Elev

14.8 6+00 13.8

10+30 14.7 13.8

14.5 13.8

14.7 13.9

50 14.7 14.1

14.3 50 14.3

14.8 14.4

14.9 14.8

14.9 14.9

5+00 14.9 14.9

14.9 7+00 15.2

14.5 15.2

14.5 15.5

14.7 15.8

50 14.8 15.8

15.0 50 15.8

14.9 15.3

14.0 14.8

13.6 14.2

N.90+00 CONTD EAST

Dist	Sound	Elev	Dist	Sound	Elev
		13.9			13.1
8+00		13.9			12.9
		13.9	10+00		13.6
<u>10:35</u>		13.8			10.5
		13.8	<u>10:38</u>		7.4
		13.7			5.7
50		13.8			4.9
		13.7	50		4.0
		13.3			3.6
		13.2			3.1
		13.1			2.6
9+00		13.0			1.9
		13.1	11+00		1.0
		13.5			0.5
		13.9			0.0
		13.8			
50		13.3			
		13.2			
		13.1			

(Wrong Line)

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(32)

N 91+00; 0+00 = W 19900.57 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+40		0.0			
0+50		1.1			14.6
		2.6			14.6
<u>10:48</u>		3.4	50		14.8
		4.0			15.0
		4.6			14.8
1+00		5.4			14.4
		7.3			14.3
		9.0	3+00		14.2
		10.0			14.1
		11.0			14.1
50		12.0			14.2
		13.8			14.2
		14.0	50		14.2
		14.1			14.3
		14.5			14.6
2+00		14.7			14.5
		14.8			14.3
		14.7	4+00		14.3

N. 91+00 CONTD. EAST 1-2-57

	Dist	Sound	Elev	Dist	Sound	Elev
		14.2		6+00		13.2
		14.3				13.3
		14.2				13.4
		14.2				13.7
50		14.5				13.9
		14.5		50		13.8
		14.1				13.9
		14.1				14.1
		14.2				14.6
5+00		15.2				14.9
<u>10.55</u>		15.2		7+00		14.9
		15.0				14.2
		14.8				13.7
		14.6				13.3
50		14.8				13.7
		14.8		50		13.9
		14.2				14.0
		13.8				14.0
		13.0				14.1

N 91+00 CONTD EAST

(33)

	Dist	Sound	Elev	Dist	Sound	Elev
		14.5				13.7
8+00		14.5		<u>11:00</u>		13.5
		14.5		<u>10+00</u>		13.9
		14.2				14.1
		13.9				13.8
		13.8				12.0
50		13.7				8.0
		13.7		50		6.0
		13.7				5.0
		13.3				4.3
		13.5				3.5
9+00		13.5				3.0
		13.8		11+00		2.2
		13.9				1.5
		13.9				0.6
		13.8		11+30		0.0
50		13.7				
		13.5		50		
		13.2				

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N. 92+00; 0+00 = W 19922.43; SOUND EAST

Dist Sound Elev Dist Sound Elev

0+40 0.0
0+50 1.1

14.9

2.4

15.1

11/12 3.0

50 15.5

3.6

15.7

4.1

15.8

1+00 4.2

15.8

4.6

15.7

5.2

3+00 15.3

6.4

15.2

8.7

15.0

50 9.5

14.7

10.4

13.6

11.5

50 13.0

12.8

11/15 13.2

13.5

13.0

2+00 13.9

12.7

14.3

12.0

14.7

4+00 12.9

N. 92+00 CONT'D EAST

(32)

Dist Sound Elev Dist Sound Elev

13.6

6+00 14.4

14.1

13.7

14.8

13.5

14.9

13.3

50 15.3

14.2

15.4

50 14.9

15.0

14.9

14.7

14.9

14.7

15.0

5+00 14.8

14.9

~~15.0~~

7+00 14.9

15.1

15.0

15.2

15.0

15.1

15.1

50 14.8

15.2

14.8

50 15.2

14.9

15.2

15.0

15.1

14.9

15.1

N. 92+00 CONTD EAST 1-2-57

	Dist	Sound	Elev	Dist	Sound	Elev
		15.1				13.7
8+00		15.1				14.0
		15.0		10+00		14.1
		15.0				13.9
		15.0				13.5
		14.8				13.7
50		14.5				14.1
		13.9		50		14.0
		13.2				13.7
		13.4				13.0
		14.4				12.0
<u>11+20</u>		13.4				8.8
9+00		13.3				6.0
		13.5		11+00		4.8
		13.6				4.0
		13.7				3.5
		13.6				2.9
50		13.5				2.2
		13.5		50		1.6
		13.6				0.9
				11+80		0.0

1-2-57

(35)

N 93+00; 0+00 = W 19,944.30; SOUND EAST

	Dist	Sound	Elev	Dist	Sound	Elev
		0+40	0.0			
		0+50	1.3			14.1
			2.3			14.0
		<u>11+33</u>	3.1	<u>11+35</u>		14.0
			3.6	50		14.0
			4.0			13.8
			4.0			13.8
		1+00	4.3			14.0
			4.9			14.0
			6.8	3+00		13.9
			8.0			14.0
			9.0			14.0
		50	10.0			14.0
			11.0			14.0
			12.0	50		14.0
			13.1			14.0
			13.5			14.0
		2+00	13.9			14.0
			14.2			13.9
			14.5	4+00		13.9

N. 93+00 CONTD EAST 1-2-57

Dist	Sound	Elev	Dist	Sound	Elev
	13.7		6+00	13.8	
	13.5			14.1	
	13.6			14.8	
	13.8			15.0	
50	13.8			15.0	
	13.8		50	15.0	
	13.9			15.3	
	13.9		1140	18.3	
	13.8		7	20.0	
5+00	13.6			21.2	
	13.6		7+00	22.0	
	13.6			22.1	
	13.4			21.6	
	13.4			22.9	
50	13.2			23.9	
	13.5		50	25.8	
	13.8			25.8	
	13.7			25.0	
	13.5			24.2	

N. 93+00 CONTD EAST

(36)

Dist	Sound	Elev	Dist	Sound	Elev
	22.0			14.1	
8+00	19.6			13.9	
	17.0		10+00	13.5	
	16.3			13.1	
	16.1			12.9	
	15.5			12.5	
50	14.6			12.8	
	14.2		50	14.6	
	14.2			15.3	
	14.5			15.2	
	14.3			15.1	
9+00	14.3			14.9	
	14.2		11+00	14.8	
	14.2			14.2	
<u>1145</u>	14.4			13.8	
	14.2			13.4	
50	14.2			13.0	
	14.3		50	12.3	
	14.2			11.3	

N 93+00 CONTD EAST 1-2-57

Dist Sound Elev Dist Sound Elev

10.0

~~8.0~~

~~4.7~~

12+00 3.8

~~3.4~~

~~2.7~~

2.0

1.5

50 0.9

12+57 0.0

1-2-57

(57)

N 90+00: 0+00 = 1119,878.71 SOUND EAST

Dist Sound Elev Dist Sound Elev

0+50 (2.8) 10.9 8.1

0+65 0.0 +2.8 11.0 8.2

(2.8) 0.3 +2.5 50 11.3 8.5

1130 1.0 +1.8 11.8 9.0

1.5 +1.3 12.0 9.2

1+00 2.5 +0.3 11.9 9.1

4.2 1.4 11.1 8.3

5.8 3.0 3+00 11.0 8.2

6.8 4.0 11.0

7.3 4.5 11.0

50 8.1 5.3 11.0

9.1 6.3 11.0

10.0 7.2 50 11.0 8.2

10.5 7.7 10.9 8.1

10.8 8.0 10.9 8.1

2+00 10.8 8.0 11.0 8.2

10.9 8.1 11.1 8.3

10.8 8.0 4+00 11.2 8.4

N. 90+00 CONTD EAST 1-2-57

Dist	Sound	Elev	Dist	Sound	Elev
(2.7)	11.1	8.4	6+00	11.0	8.3
	11.0	8.3	(27)	10.9	8.2
	10.9	8.2		11.1	8.4
	11.0	8.3		11.3	8.6
50	11.1	8.4		11.8	9.1
11:35	11.8	9.1	50	12.0	9.3
<u> </u>	12.0	9.3		12.1	9.4
	12.2	9.5		12.1	9.4
	12.1	9.4		12.0	9.3
5+00	12.0	9.3		11.9	9.2
	11.6	8.9	7+00	11.3	8.6
	11.8	9.1		11.2	8.5
	11.6	8.9		11.2	8.5
	11.0	8.3		11.0	8.3
50	10.3	7.6		10.6	7.9
	10.0	7.3	50	10.3	7.6
	10.0	7.3		10.1	7.4
	10.5	7.8		9.9	7.2
	10.7	8.0		9.9	7.2

N. 90+00 CONTD EAST (38)

Dist	Sound	Elev	Dist	Sound	Elev
(2.6)	9.4	6.8	(2.5)	11.2	8.7
8+00	9.7	7.1		11.0	8.5
11:40	10.0	7.4	10+00	11.1	8.6
<u> </u>	10.1	7.5		9.9	7.4
	10.2	7.6		7.9	5.4
	10.2	7.6		5.0	2.5
50	10.1	7.5		2.8	0.3
	10.0	7.4	50	1.7	+0.8
	10.0	7.4		1.2	+1.3
	10.1	7.5	<u>10:44</u>	1.0	+1.5
	10.2	7.6		0.1	+2.4
9+00	10.4	7.8			
	10.5	7.9			
	10.3	7.7			
	10.0	7.4			
	9.9	7.3			
50	10.1	7.5			
	11.0	8.4			
	11.5	8.9			

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N. 91+00; 0+00 = W/19,900.57; SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+50			(2.4)	11.3	8.9
0+65	0.0	+2.4		11.3	8.9
(2.4)	0.2	+2.2	50	11.2	8.8
<u>1:54</u>	0.9	+1.5		11.1	8.7
	1.3	+1.1		11.0	8.6
1+00	3.0	0.6		10.7	8.3
	4.7	2.5		10.3	7.9
	5.9	3.5	3+00	10.0	7.6
	6.9	4.5		10.5	8.1
	7.9	7.5		11.9	9.5
50	9.3	6.9		12.0	9.6
	10.2	7.8		12.0	9.6
	10.9	8.5	50	12.0	9.6
	11.0	8.6		11.0	8.6
	11.0	8.6		10.7	8.3
2+00	11.2	8.8		11.0	8.6
	11.2	8.8		11.5	9.1
	11.2	8.8	4+00	11.9	9.5

N. 91+00 CONTD EAST

(39)

Dist	Sound	Elev	Dist	Sound	Elev
(2.3)	12.0	9.7	6+00	10.9	8.7
	12.1	9.8	(2.2)	11.5	9.3
	11.9	9.6	<u>2:00</u>	11.8	9.6
	11.5	9.2		11.8	9.6
50	11.3	9.0		11.7	9.5
	11.3	9.0	50	12.0	9.8
	11.3	9.0		11.8	9.6
	11.5	9.2		11.6	9.4
	11.6	9.3		11.8	9.6
5+00	11.8	9.5		11.6	9.4
	11.6	9.3	7+00	11.8	9.6
	11.6	9.3		11.8	9.6
	11.5	9.2		11.7	9.5
	11.5	9.2		11.6	9.4
50	11.6	9.3		11.5	9.3
	11.3	9.0	50	11.5	9.3
	11.1	8.8		11.8	9.6
	11.0	8.7		11.8	9.6
	10.8	8.5		11.8	9.6

N. 91+00 CONTD EAST.

Dist	Sound	Elev	Dist	Sound	Elev
(2.1)	11.8	9.7	(2.1)	10.2	8.1
8+00	11.8			11.9	9.8
<u>2103</u>	11.8		10+00	12.2	10.1
	11.8	9.7		12.2	10.1
	11.9	9.8		12.1	10.0
	11.9	9.8		12.0	9.9
50	11.8	9.7		11.9	9.8
	11.8	9.7	50	11.2	9.9
	11.7	9.6	<u>2105</u>	11.0	8.9
	11.8	9.7		10.8	8.7
	11.4	9.3		10.2	8.1
9+00	11.1	9.0		9.9	7.8
	10.8	8.7	11+00	8.9	6.8
	10.3	8.2		8.0	5.9
	10.1	8.0		6.9	4.8
	9.9	7.8		4.0	1.9
	9.9	7.8	50	1.5	+0.6
50	9.7	7.6		1.0	+1.1
	9.5	7.4		0.5	+1.6
	9.3	7.1	11+70	0.0	+2.1

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(90)

N. 92+00: 0+00 = W. 19.922.43 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+50			(1.8)	11.8	10.0
(1.8)				11.8	10.0
0+75	0.0	+1.8	50	11.6	9.8
<u>2120</u>	0.1	+1.7		11.2	9.4
	0.6	+1.2		11.0	9.2
1+00	1.0	+0.8		10.6	8.8
	2.1	0.3		10.6	8.8
	3.5	1.7	3+00	10.3	8.5
	4.9	3.1		10.1	8.3
	6.9	5.1		10.0	8.2
50	7.9	6.1		10.0	8.2
	9.0	7.2		10.0	8.2
	9.5	7.7	50	9.9	8.1
	9.8	8.0		9.8	8.0
	10.0	8.2		10.3	8.5
2+00	10.3	8.5		10.4	8.6
	10.9	9.1		10.3	8.5
	11.2	9.4	4+00	10.4	8.6

N92+00 CONTD EAST 1-2-57

Dist	Sound	Elev	Dist	Sound	Elev
(17)	11.2	9.5	6+00	13.9	12.2
	11.0	9.3	(17)	14.8	13.1
	11.0	9.3		15.1	13.4
	11.0	9.3		15.0	13.3
50	10.9	9.2		16.2	14.5
	10.6	8.9	50	18.2	16.5
	10.4	8.7		20.8	19.1
	10.4	8.7		22.0	20.3
	10.2	8.5		23.2	21.5
5+00	10.3	8.6		24.0	22.3
	10.2	8.5	7+00	24.4	22.7
	10.1	8.4		25.0	23.3
	10.2	8.5		24.8	23.1
<u>2:25</u>	10.3	8.6		24.8	
50	10.1	8.4		24.8	
	10.1	8.4	50	24.8	23.1
	10.5	8.8		24.5	22.8
	11.1	9.4		24.3	22.6
	12.5	10.8		23.9	22.2

N92+00 CONTD EAST

(4)

Dist	Sound	Elev	Dist	Sound	Elev
(1.6)	23.2	21.6	(1.6)	10.9	9.3
8+00	22.0	20.4		10.9	9.3
	21.6	20.0	10+00	11.0	9.4
	21.2	19.6		10.9	9.3
	18.1	16.5		10.9	
	16.0	14.6		10.9	
50	14.2	12.6		10.9	9.3
<u>2:30</u>	13.8	12.2	50	11.0	9.4
	13.2	11.6		11.0	
	12.4	10.8		11.0	
	11.0	9.4		11.0	9.4
9+00	10.5	8.9		10.9	9.3
	10.3	8.7	11+00	10.9	9.3
	10.1	8.5		10.9	9.3
	10.1	8.5		11.0	9.4
	10.2	8.6		11.0	9.4
50	10.3	8.7		10.9	9.3
	10.8	9.2	50	10.8	9.2
	10.9	9.3		10.7	9.1

N 92+00 CONTD EAST 1-2-57

	Dist	Sound	Elev	Dist	Sound	Elev
	(1.5)	10.3	8.8	(1.5)	0.7	+0.8
		10.2	8.7		0.5	+1.0
		10.2	8.7		0.6	+0.9
12+00		10.0	8.5		0.6	+0.9
		9.8	8.3	14+00	0.6	+0.9
		8.8	7.3		0.8	+0.7
		7.9	6.4		1.4	+0.1
		7.8	6.3		2.0	0.5
	50	7.2	5.7		2.3	0.8
		6.9	5.4	50	2.3	0.8
<u>2:35</u>		6.9	5.4		2.3	0.8
		6.8	5.3		3.0	1.5
		5.9	4.4		4.5	3.0
13+00		4.8	3.3		4.9	3.4
		2.1	0.6	15+00	5.1	3.6
		1.5	0.0		5.3	3.8
		1.2	+0.3		5.3	3.8
		1.0	+0.5		5.8	4.3
	50	0.9	+0.6		6.0	4.5

N 92+00 CONTD EAST

(42)

	Dist	Sound	Elev	Dist	Sound	Elev
	50	6.8	5.4	(1.4)	7.1	5.7
	(1.4)	7.2	5.8	50	7.3	5.9
		7.2	5.8		7.5	6.1
		8.0	6.6		7.9	6.5
		8.2	6.8		8.0	6.6
16+00		8.7	7.3		10.1	8.7
		9.0	7.6	18+00	10.2	8.8
		9.0	7.6		10.2	8.8
		8.3	6.9		10.0	8.6
<u>2:40</u>		8.0	6.6		10.0	
50		7.8	6.4		10.0	
		7.9	6.5	50	10.0	
		7.8	6.4		10.0	
		7.8	6.4		10.0	8.6
		7.5	6.1		9.9	8.5
17+00		7.3	5.9		10.0	8.6
		7.0	5.6	19+00	10.0	8.6
		6.9	5.5		9.8	8.4
		7.0	5.6		9.8	8.4

N. 92+00 CONTD EAST 1-2-57

Dist Sound Elev

(13) 9.8 8.5

245 9.6 8.3

50 9.5 8.2

9.9 8.6

9.7 8.4

9.2 7.9

8.2 6.9 (?.)

20+00 8.0 6.7 (W17,992.43)

(?.)

(43)

N. 93+00's 0+00 = W/19,944.30 SOUND EAST

Dist Sound Elev Dist Sound Elev

0+50

(9.0) 10.5 9.5

(1.0)

10.2 9.2

3:00

50 10.3 9.3

0+85 0.0 +1.0

10.1 9.0

0.4 +0.6

10.1

1+00 1.5 0.5

10.1

2.0 1.0

10.1 9.0

4.6 3.6 3+00 10.3 9.3

6.1 5.1 " 10.4 9.4

7.1 6.1 " 10.5 9.5

50 8.3 7.3 " 10.5 9.5

9.0 8.0 " 10.5 9.5

9.8 8.8 50 10.7 9.7

9.9 8.9 " 10.8 9.8

10.0 9.0 " 10.8 9.8

2+00 10.1 9.1 " 10.5 9.5

10.3 9.3 " 10.4 9.4

10.8 9.8 4+00 10.5 9.5

N.93+00 CONTD EAST 1-2-57

	Dist	Sound	Elev	Dist	Sound	Elev
(1.0)	10.5	9.5	6+00	12.5	11.6	
	10.5	9.5	(0.9)	15.2	14.3	
	10.4	9.4		17.0	16.1	
	10.3	9.3		18.8	17.9	
50	10.2	9.2		20.9	20.0	
	10.2	9.2	50	22.0	21.1	
	10.1	9.1		22.0	21.1	
	10.1	}	3:05	21.9	21.0	
	10.1			19.0	18.1	
5+00	10.1	9.1		17.0	16.1	
	10.0	9.0	7+00	16.0	15.1	
	9.9	8.9		16.6	15.7	
	9.9	}		17.8	16.9	
	9.9			19.3	18.4	
50	9.9			19.8	18.9	
	9.9		50	19.9	18.0	
	9.9	}		19.2	18.3	
	9.9		8.9		19.1	18.2
	10.0	9.0		18.1	17.2	

N.93+00 CONTD EAST

	Dist	Sound	Elev	Dist	Sound	Elev
(0.9)	16.8	15.9	(0.9)	13.8	12.9	
8+00	13.7	12.8		15.1	14.2	
	12.2	11.3	10+00	16.0	15.1	
	12.0	11.1		16.2	15.3	
	11.5	10.6	3:10	16.1	15.2	
	11.0	10.1		16.0	15.1	
50	10.9	9.0		15.8	14.9	
	11.1	10.2	50	14.5	13.6	
	11.8	10.9		12.1	11.2	
	12.0	11.1		12.0	11.1	
	11.7	10.8		12.9	11.0	
9+00	11.0	10.1		13.1	12.2	
	10.1	9.2	11+00	12.2	11.3	
	10.0	9.1		10.1	9.2	
	9.7	8.8		10.0	9.1	
	9.1	8.2		10.1	9.2	
50	9.1	8.2		10.0	9.1	
	10.0	9.1	50	10.1	9.2	
	12.0	11.1		10.2	9.3	

N. 93+00 CONTD EAST 1-2-57

Dist	Sound	Elev	Dist	Sound	Elev
(0.9)	10.2	9.3	(0.9)	10.6	9.7
	10.4	9.5		10.6	9.7
	10.7	9.8		10.5	9.6
12+00	10.7	9.8		10.5	9.6
	10.5	9.6	14+00	10.3	9.4
	10.5	9.6	31.5	10.0	9.1
	10.3	9.4		9.9	9.0
	10.5	9.6		9.9	9.0
50	10.5	9.6		9.9	9.0
	10.3	9.4	50	10.0	9.1
	10.3	9.4		10.0	9.1
	10.6	9.7		9.8	8.9
	10.8	9.9		9.7	8.8
13+00	10.9	9.0		9.4	8.5
	10.9	9.0	15+00	9.0	8.1
	10.9	9.0		8.0	7.1
	11.0	10.1		7.5	6.6
	10.9	9.0		7.0	6.1
50	10.6	9.7		6.9	6.0

N 93+00 CONTD EAST

(45)

Dist	Sound	Elev	Dist	Sound	Elev
50	6.8	5.9	(0.8)	10.7	9.9
(0.9)	6.9	6.0	50	10.8	10.0
	6.7	5.8		11.0	10.3
	6.5	5.6		10.8	10.0
	6.2	5.3		10.4	9.6
16+00	6.1	5.2		10.2	9.4
	6.0	5.1	18+00	10.0	9.2
	6.0			9.9	9.1
	6.0			10.1	9.3
	6.0	5.1		10.0	9.2
50	6.2	5.3		9.8	9.0
	6.3	5.4	50	9.5	8.7
	7.3	6.4		9.3	8.5
	7.9	6.0		9.3	8.5
	8.5	7.6		9.0	8.2
17+00	9.6	8.7		8.7	7.9
	9.9	8.0	19+00	8.6	7.8
	10.0	9.1		8.3	7.5
	10.1	9.2		8.4	7.6

N. 93+00 CONTD EAST 1-2-56

Dist Sound Elev

(0.8)	8.3	7.5
<u>320</u>	8.4	7.6
50	9.0	8.2
	9.0	8.2
	9.1	8.3
	9.0	8.2
	9.0	8.2

20+00	8.0	7.2	W 17,944.30
			213.21
			<u>17,731.09</u>

1-3-57

(46)

N. 94+00; 0+00 = W 19,966.16 SOUND EAST

Dist Sound Elev Dist Sound Elev

0+50	0.3	+2.8	(3.1)	11.7	8.6
(3.1)	1.2	+1.9		12.0	8.9
<u>1.48</u>	2.0	+1.1	50	11.9	8.8
	3.2	0.1		11.7	8.6
	6.0	2.9		11.8	8.7
1+00	7.5	4.4		11.8	8.7
	8.6	5.5		11.9	8.8
	9.5	6.4	3+00	12.0	8.9
	10.0	6.9		12.0	8.9
	10.8	7.7		12.1	9.0
50	11.2	8.1		12.2	9.1
	11.2	8.1		12.1	9.0
<u>1.50</u>	11.7	8.6	50	12.0	8.9
	12.0	8.9		12.0	8.9
	12.0	}		12.0	8.9
2+00	12.0	}		11.7	8.6
	12.0	8.9		11.4	8.3
	11.8	8.7	4+00	11.2	8.1

N. 94+00 CONTD EAST 1-3-57

Dist	Source	Elev	Dist	Source	Elev
(3.0)	11.2	8.2	6+00	12.1	9.1
	11.3	8.3	(3.0)	12.0	9.0
	11.3	8.3		12.0	9.0
	11.3	8.3		12.0	9.0
50	11.4	8.4		12.1	9.1
	11.5	8.5	50	12.4	9.4
	11.9	8.9		14.1	11.1
	12.1	9.1		15.2	12.2
	12.2	9.2		15.9	12.9
5+00	12.0	9.0		16.2	13.2
	11.5	8.5	7+00	17.1	14.1
	11.5	8.5		18.3	15.3
	11.8	8.8		18.8	15.8
	11.8	8.8		18.0	15.0
50	11.9	8.9		18.0	15.0
	12.0	9.0	50	18.8	15.8
11.50	11.9	8.9		19.5	16.5
	12.0	9.0		19.7	16.7
	12.0	9.0		19.7	16.7

N. 94+00 CONTD EAST ⑦

Dist	Source	Elev	Dist	Source	Elev
(3.0)	19.8	16.8	(2.9)	12.7	9.8
8+00	20.8	17.8	<u>2.00</u>	13.4	10.5
	20.2	17.2	<u>10+00</u>	14.0	11.1
	20.0	17.0		14.0	11.1
	18.0	15.0		13.6	10.7
	18.0	15.0		12.8	9.9
50	17.6	14.6		14.9	12.0
	17.8	14.8	50	16.3	13.4
	17.8	14.8		17.0	14.1
	17.2	14.2		17.0	14.1
	16.0	13.0		16.8	13.9
9+00	14.0	11.0		16.5	13.6
	12.9	9.9	11+00	15.0	12.1
	12.8	9.8		13.8	10.9
	12.4	9.4		13.7	10.8
	12.3	9.3		13.4	10.5
50	12.2	9.2		12.8	9.9
	12.4	9.4	50	12.2	9.3
	12.5	9.5		12.5	9.6

N.94+00 CONTD EAST 1-3-57

Dist Sound Elev Dist Sound Elev

(2.9)	12.5	9.6	(2.8)	12.9	10.1
	12.8	9.9		12.8	10.0
	12.8	9.9		12.7	9.9
12+00	12.7	9.8		12.5	9.7
	12.7	9.8	14+00	12.3	9.5
	12.8	9.9		12.3	9.5
	12.8	}		12.5	9.7
	12.8		2105	13.0	10.2
50	12.8	9.9		13.2	10.4
	12.9	10.0	50	13.5	10.7
	13.0	10.1		13.9	11.1
	13.0	}		13.9	11.1
	13.0			13.9	11.1
13+00	13.0			13.8	11.0
	13.0	}	15+00	13.5	10.7
	13.0			13.0	10.2
	13.0	10.1		13.0	10.2
	12.9	10.0		12.9	10.1
50	12.9	10.0		12.6	9.8

N.94+00 CONTD EAST

(48)

Dist Sound Elev Dist Sound Elev

50	12.8	10.1	(2.7)	12.7	10.0
(2.7)	12.8	10.1	50	12.3	9.6
	12.7	10.0		12.5	9.8
	12.8	10.1		12.2	9.5
	12.5	9.8		12.0	9.3
16+00	12.1	9.4		12.1	9.4
	11.3	8.6	18+00	12.0	9.3
	11.0	8.3		11.9	9.2
	11.2	8.5		11.8	9.1
	12.0	9.3		11.1	8.4
50	12.0	9.3		11.0	8.3
	12.5	9.8	50	11.0	}
	12.7	10.0		11.0	
	12.7	10.0		11.0	8.3
	12.0	9.3		11.9	9.2
17+00	12.0	9.3		11.7	9.0
	12.1	9.4	19+00	10.3	7.6
	12.2	9.5		10.3	7.6
	12.8	10.1		10.9	8.2

N. 94+00 CONTD EAST 1-3-57

Dist Sound Elev

(2.6) 103 7.7

210 10.0 7.4

50 9.3 6.7

9.2 6.6

9.3 6.7

9.8 7.2

10.0 7.4

2.0+00 103 7.7

(49)

N. 95+00: 0+00 = W 19,988.03; SOUND EAST

Dist Sound Elev Dist Sound Elev

0+40 (2.4) 10.8 8.4

0+50 0.0 +2.4 10.8 8.4

(2.4) 0.6 +1.8 11.0 8.6

2:25 1.2 +1.2 50 11.0 8.6

2.2 +0.2 11.2 8.8

4.0 1.6 11.2 8.8

1+00 4.8 2.4 11.3 8.9

5.9 3.5 11.6 9.2

6.9 4.5 3+00 11.8 9.4

8.1 5.7 11.8 9.4

9.3 6.9 11.5 9.1

50 10.0 7.6 11.3 8.9

10.3 7.9 11.3 8.9

10.8 8.4 50 11.0 8.6

11.2 8.8 10.9 8.5

11.2 8.8 10.5 8.1

2+00 11.0 8.6 10.4 8.0

11.0 8.6 10.3 7.9

N. 95+00 CONTD EAST 1-3-57

	Dist	Sound	Elev	Dist	Sound	Elev
	4+00	10.3	8.0	(2.3)	10.8	8.5
(2.3)	10.3	8.0	6+00	10.2	7.9	
2:30	10.3	8.0		10.2		
	10.4	8.1		10.2		
	10.5	8.2		10.2		
50	10.7	8.4		10.2	7.9	
	10.7	8.4	50	10.3	8.0	
	10.8	8.5		10.2	7.9	
	10.8	8.5		10.2	7.9	
	10.3	8.0		10.2	7.9	
5+00	10.8	8.5		10.1	7.8	
	10.5	8.2	7+00	10.1	7.8	
	10.3	8.1		10.0	7.7	
	10.2	8.0		10.1	7.8	
	10.2			10.1	7.8	
50	10.2			10.1	7.8	
	10.2		50	10.2	7.9	
	10.2			10.7	8.4	
	10.3	8.0		10.5	8.2	

N. 95+00 CONTD EAST

(50)

	Dist	Sound	Elev	Dist	Sound	Elev
(2.2)	10.5	8.3	(2.2)	15.8	13.6	
	10.2	8.0		15.9	13.7	
8+00	10.2	8.0		16.0	13.8	
	10.0	7.8	10+00	16.7	14.5	
2:35	9.9	7.7		17.0	14.8	
	10.0	7.8		16.9	14.7	
	11.5	9.3		18.5	16.3	
50	14.0	11.8		19.3	17.1	
	16.0	13.8	50	20.7	18.5	
	17.0	14.8		19.9	17.7	
	17.0	14.8		18.5	16.3	
	16.8	14.6		16.0	13.8	
9+00	17.0	14.8		13.4	11.2	
	17.3	15.1	11+00	11.9	9.7	
	17.2	15.0		10.6	8.4	
	16.2	14.0		10.0	7.8	
	13.9	11.7		9.8	7.6	
50	14.2	12.0		9.7	7.5	
	15.8	13.6	50	9.2	7.0	

N. 95+00 CONTD EAST 1-3-57					
Dist	Sound	Elev	Dist	Sound	Elev
(2.1)	9.4	7.3	50	12.2	10.1
	10.0	7.9	(2.1)	12.0	9.9
	11.5	9.4		11.9	9.8
	13.0	10.9		12.0	9.9
12+00	13.3	11.2		11.8	9.7
	14.0	11.9	14+00	11.3	9.2
	13.5	11.4		11.0	8.9
	12.8	10.7		11.5	9.4
<u>2:40</u>	12.8	10.7		12.0	9.9
50	12.7	10.6		12.2	10.1
	12.4	10.3	50	12.3	10.1
	12.5	10.4		12.5	10.4
	12.9	10.8		12.6	10.5
	13.2	11.1		12.3	10.2
13+00	13.5	11.4		12.1	10.0
	13.8	11.7	15+00	12.1	10.0
	13.7	11.6		12.1	10.0
	13.2	11.1		12.0	9.9
	12.8	10.7		12.0	9.9

N. 95+00 CONTD EAST (5)					
Dist	Sound	Elev	Dist	Sound	Elev
(2.1)	12.0	9.9	(2.1)	10.6	8.5
50	12.1	10.0	2:45	10.9	8.8
	12.2	10.1	50	10.9	8.8
	12.5	10.4		11.0	8.9
	13.0	10.9		11.0	8.9
	13.2	11.1		11.0	8.9
16+00	12.9	10.8		10.9	8.8
	11.0	8.9	18+00	10.8	8.7
	10.3	8.2		11.0	8.9
	10.3	8.2		10.9	8.8
	10.2	8.1		10.7	8.6
50	10.1	8.0		10.6	8.5
	10.3	8.2	50	10.0	7.9
	10.8	8.7		10.1	8.0
	10.6	8.5		10.1	8.0
	10.4	8.3		10.1	8.0
17+00	10.3	8.2		10.0	7.9
	10.5	8.4	19+00	10.0	7.9
	10.5	8.4		10.0	7.9

N. 95+00 CONTD EAST 1-3-57

DIST SOUND ELEV

(2.0)	9.9	7.9
	9.9	7.9
	9.9	7.9
50	10.0	8.8
	9.9	7.9
	9.9	7.9
<u>2:48</u>	9.5	7.5
	9.3	7.3
20+00	9.3	7.3

1-3-57

(52)

N. 96+00; 0+00 = W/2000 9.89 SOUND EAST

DIST SOUND ELEV DIST SOUND ELEV

0+00			(1.9)	10.2	8.3
(2.0)				10.1	8.2
<u>3:07</u>	0.1	+1.9		10.0	8.1
	0.7	+1.3	50	10.1	8.2
	2.7	0.7		10.4	8.5
	3.9	1.9	<u>3:10</u>	10.5	8.6
1+00	5.3	3.3		10.6	8.7
	6.5	4.5		10.3	8.4
	7.8	5.8	3+00	10.4	8.5
	8.8	6.8		10.5	8.6
	10.5	8.5		10.6	8.7
50	11.5	9.5		10.7	8.8
	11.6	9.6		10.7	
	11.3	9.3	50	10.7	
	10.8	8.8		10.7	8.8
	10.5	8.5		10.6	8.7
2+00	10.3	8.3		10.5	8.6
	10.4	8.4		10.3	8.4

N. 96+00 CONTD EAST 1-3-57

Dist	Sound	Elev	Dist	Sound	Elev
4+00	10.1	8.2	(1.9)	10.7	8.8
(1.9)	10.2	8.3	6+00	10.7	8.8
	10.1	8.2		10.5	8.6
	10.0	8.1		10.5	8.6
	10.0	8.1		10.4	8.5
50	10.1	8.2		10.4	8.5
	10.1	8.2	50	10.5	8.6
	10.3	8.4		10.3	8.4
	10.4	8.5		10.2	8.3
	10.7	8.8		10.2	8.3
5+00	11.0	9.1		10.3	8.4
	11.1	9.2	7+00	10.3	8.4
	11.1	9.2		10.4	8.5
	11.0	9.1		10.4	}
	11.0	9.1		10.4	
50	10.9	9.0		10.4	
	10.8	8.9	50	10.4	
	10.8	8.9		10.4	}
	10.8	8.9		10.4	

N. 96+00 CONTD EAST

(53)

Dist	Sound	Elev	Dist	Sound	Elev
(1.7)	10.4	8.7	(1.7)	9.7	8.0
	10.4	8.7		9.7	8.0
8+00	10.3	8.6		9.7	8.0
3/5	9.9	8.2	10+00	9.5	7.8
3/5	9.9	8.2		9.0	7.3
	9.9	8.2		8.8	7.1
	10.0	8.3		9.0	7.3
50	9.8	8.1		9.2	7.5
	9.8	8.1	50	9.3	7.6
	9.9	8.2		9.4	7.7
	10.0	8.3		9.2	7.5
	10.0	8.3		8.7	7.0
9+00	10.0	8.3		8.5	6.8
	9.9	8.2	11+00	8.3	6.7
	10.0	8.3		8.2	6.5
	9.8	8.1		8.1	6.4
	9.7	8.0		8.3	6.6
50	9.7	8.0		8.3	6.6
	9.7	8.0	50	8.3	6.6

N. 96+00 CONTD EAST 1-3-57

Dist	Sound	Elev	Dist	Sound	Elev
(1.6)	8.5	6.9	50	8.7	7.2
	8.7	7.1	(1.5)	9.0	7.5
	9.0	7.4		9.0	7.5
	9.1	7.5		9.1	7.6
12+00	9.1	7.5		9.1	7.6
	9.8	8.2	14+00	9.2	7.7
	11.3	9.7		9.1	7.6
	11.5	9.9		9.2	7.7
	12.0	10.4		9.2	7.7
50	12.4	10.8		9.3	7.8
	13.0	11.4	50	9.4	7.9
	13.0	11.4		9.4	7.9
<u>3:20</u>	12.9	11.3		9.5	8.0
	12.2	10.6		9.6	8.1
13+00	10.2	8.6		9.7	8.2
	9.0	7.4	15+00	9.8	8.3
	7.9	6.3		9.9	8.4
	7.9	6.3		10.0	8.5
	8.3	6.7		10.2	8.7

N. 96+00 CONTD EAST

(5)

Dist	Sound	Elev	Dist	Sound	Elev
(1.5)	10.4	8.9	(1.4)	9.6	8.2
50	11.0	9.5	<u>325</u>	9.7	8.3
	10.8	9.3	<u>50</u>	9.7	8.3
	10.9	9.4		9.4	8.0
	10.0	8.5		9.0	7.6
	9.8	8.3		8.7	7.3
16+00	9.5	8.0		8.5	7.1
	9.3	7.8	18+00	8.3	6.9
	9.2	7.7		7.9	6.5
	9.1	7.6		7.0	5.6
	9.2	7.7		6.6	5.2
50	9.4	7.9		6.2	4.8
	9.6	8.1	50	6.2	4.8
	9.7	8.2		6.3	4.9
	9.7			6.6	5.2
	9.7			7.2	5.8
17+00	9.7	8.2		7.2	5.8
	9.3	7.8	19+00	7.1	5.7
	9.4	7.9		6.8	5.4

N.96+00 CONTD EAST 1-3-57

Dist Sound Elev Dist Sound Elev

(1.3)	6.3	5.0			
	6.5	5.2			
	6.7	5.4			
50	6.9	5.6			
	6.8	5.5			
3:28	6.8	5.5			
	6.6	5.3			
	6.5	5.2			
20+00	6.3	5.0			

1-10-57

(55)

N.97+00; 04+00 = N.20031.75 SOUND EAST

Dist Sound Elev Dist Sound Elev

0+40	0.0	+1.6			
0+50	0.7	+0.9		10.8	9.1
(1.6)	1.7	0.1	(1.7)	10.5	8.8
1:02	4.2	2.6	50	10.1	8.4
	5.3	3.7		9.9	8.2
	6.1	4.5		9.2	7.5
1+00	6.8	5.2		9.1	7.4
	7.1	5.5		9.5	7.6
	7.9	6.3	3700	9.5	7.6
	9.0	7.4		9.5	7.8
	10.1	8.5	11.05	9.8	8.1
50	10.7	9.1		10.0	8.3
	11.0	9.4		10.1	8.4
	11.1	9.5	50	10.1	8.4
	11.1			10.0	8.3
	11.1			9.9	8.2
2+00	11.1	9.5		9.9	8.2
	10.8	9.2		9.7	8.0
	10.8	9.2	4+00	9.5	7.8

N.97+00 CONTD EAST 1-10-57

	Dist	Sound	Elev	Dist	Sound	Elev
(1.7)	9.4	7.7	6+00	10.1	8.4	
	9.2	7.5	(1.7)	10.2	8.5	
	9.3	7.6		10.1	8.4	
	9.2	7.5		10.0	8.3	
50	9.3	7.6		10.0		
	9.6	7.9	50	10.0		
	9.9	8.2		10.0	8.3	
	9.9	8.2		10.1	8.4	
	10.0	8.3		10.0		
5+00	10.2	8.5		10.1		
	10.3	8.6	7+00	10.1	8.4	
	10.5	8.8		10.2	8.5	
	10.6	8.9		10.2	8.5	
	10.5	8.8		10.5	8.8	
50	10.6	8.9		10.5	8.8	
	10.3	8.6	50	10.5	8.8	
	10.3			10.6	8.9	
	10.3			10.6	8.9	
	10.3	8.6		10.6	8.9	

N.97+00 CONTD EAST

(56)

	Dist	Sound	Elev	Dist	Sound	Elev
(1.7)	10.5	8.8	(1.7)	10.0	8.3	
8+00	10.6	8.9		9.9	8.2	
<u>11.10</u>	10.2	8.5	10+00	9.2	7.5	
	10.2	8.5		8.0	6.3	
	10.1	8.4		5.8	4.1	
	10.1	8.4		4.2	2.5	
50	10.2	8.5		3.0	1.3	
	10.2		50	2.1	0.4	
	10.2			1.5	+0.2	
	10.2	8.5		1.3	+0.4	
	10.3	8.6		1.0	+0.7	
9+00	10.5	8.8		0.7	+1.0	
	10.3	8.6	11+00	0.4	+1.3	
<u>11.20</u>	10.2	8.5		0.3	+1.4	
	10.4	8.7		0.1	+1.6	
	10.5	8.8	(1.8)	0.0	+1.7	
50	10.3	8.6	<u>11.35</u>	+0.4	+2.1	
	10.2	8.5	50	+0.6	+2.3	
	10.1	8.4		+0.7	+2.4	

N. 97+00 CONTD EAST 1-10-57					
Dist	Sound	Elev	Dist	Sound	Elev
1.9	+1.0	+2.9	1.9	9.5	7.6
	+1.1	+3.0		9.8	7.9
	+1.3	+3.2		9.9	8.0
12+00	+1.1	+3.0		9.9	8.0
	+1.0	+2.9	14+00	9.2	7.3
	+0.9	+2.8		9.0	7.1
<u>11.40</u>	+0.4	+2.3		9.0	7.1
	+0.1	+2.0	<u>11.45</u>	9.1	7.2
50	+0.1	+2.0		9.1	
	0.0	+1.9	50	9.1	
	0.2	+1.7		9.1	7.2
	0.5	+1.4		9.5	7.6
	1.7	+0.2		9.8	7.9
13+00	2.9	1.0		9.9	8.0
	4.2	2.3	15+00	10.0	8.1
	5.9	4.0		9.9	8.0
	7.7	5.8		10.6	8.7
	8.2	6.3		10.7	8.8
50	9.0	7.1		10.8	8.9

N 97+00 CONTD EAST (57)					
Dist	Sound	Elev	Dist	Sound	Elev
50	10.8	8.9	1.9	10.1	8.2
1.9	10.6	8.7	50	10.1	
	10.1	8.2		10.0	
	10.0	8.1		10.1	
	9.5	7.6		10.1	8.2
16+00	9.9	8.0		10.0	8.1
	9.8	7.9	18+00	10.1	8.3
	9.9	8.0		10.0	8.1
	9.9	8.0		10.1	8.2
	9.7	7.8		10.2	8.3
50	9.8	7.9		10.0	8.1
	9.5	7.6	50	10.0	8.1
	9.5	7.6		9.8	7.9
	9.8	7.9		9.5	7.6
	10.0	8.1		9.8	7.9
17+00	9.9	8.0		10.1	8.2
	9.9	8.0	19+00	10.3	8.4
	10.1	8.2		10.7	8.8
	10.1	8.2		10.5	8.6

N.97+00 CONTD EAST 1-10-57

Dist	Sound	Elev	Dist	Sound	Elev
(1.9)	10.4	8.5	(1.9)	9.3	7.4
<u>1.52</u>	10.2	8.3		9.1	7.2
50	10.8	8.9		9.8	7.9
	10.8	8.9	50	10.0	8.1
	10.3	8.4		10.0	8.1
	9.5	7.6		9.9	8.0
	9.0	7.1		9.8	7.9
20+00	9.0	7.1		9.8	7.9
	9.0	7.1	22+00	9.3	7.4
	8.9	7.0		9.4	7.5
	9.0	7.1		9.5	7.6
	9.0	7.1		9.5	7.6
50	9.0	7.1		9.6	7.7
	9.1	7.2	50	9.6	7.7
	9.8	7.9		9.1	7.2
	9.7	7.8		9.1	7.2
	9.2	7.3		9.5	7.6
21+00	9.8	7.9		9.3	7.4
	9.5	7.6	23+00	9.3	7.4

N.97+00 CONTD EAST

(58)

Dist	Sound	Elev	Dist	Sound	Elev
(2.0)	9.2	7.2	25+00	9.1	7.1
<u>1.55</u>	9.0	7.6	(2.0)	9.0	7.0
	8.2	6.2		9.1	7.1
	8.0	6.0		9.0	7.0
50	8.0			9.0	7.0
	8.0		50	9.5	7.5
	8.0	6.0		9.9	7.9
	7.9	5.9		9.5	7.5
	7.9	5.9		9.9	7.9
24+00	7.9	5.9		10.4	8.4
	8.0	6.0	26+00	10.9	8.9
	8.0			11.0	9.0
	8.0			11.3	9.3
	8.0	6.0		11.2	9.2
50	8.1	6.1		11.2	9.2
	8.2	6.2	50	10.9	8.9
	9.0	7.0		11.4	9.4
	10.0	8.0		11.4	9.4
	9.5	7.5		11.3	9.3

N 97+00 CONTD EAST 1-10-57

Dist Sound Elev Dist Sound Elev

Dist	Sound	Elev	Dist	Sound	Elev
(2.0)	11.0	9.0	(2.0)	8.3	6.3
27+00	10.8	8.8	28+90	8.0	6.0
<u>21:00</u>	10.2	8.2			
<u>2</u>	9.3	7.3			
	9.5	7.5			
	9.9	7.9			
50	10.1	8.1			
	9.9	7.9			
	9.0	7.0			
	9.0	7.0			
	9.1	7.1			
28+00	9.1	7.1			
	9.2	7.2			
	9.1	7.1			
	9.1	7.1			
	9.1	7.1			
50	9.0	7.0			
	9.0	7.0			
	8.8	6.8			

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(59)

N. 98+00: 0+00 = W. 20053.62: SOUND EAST

Dist Sound Elev Dist Sound Elev

Dist	Sound	Elev	Dist	Sound	Elev
0+40	0.1	+2.0	(2.1)	10.2	8.1
(2.1)	1.0	+1.1	<u>2:20</u>	10.3	8.2
<u>2:18</u>	2.1	0.0	<u>2</u>	10.7	8.6
<u>2</u>	5.2	3.1	50	10.8	8.7
	6.0	3.9		10.9	8.8
	7.1	5.0		10.9	8.8
1+00	8.0	5.9		10.8	8.7
	8.9	6.8		10.3	8.2
	9.5	7.4	3+00	10.4	8.3
	10.0	7.9		10.4	8.3
	10.9	8.8		10.4	8.3
50	11.2	9.1		10.5	8.4
	11.8	9.7		10.8	8.7
	11.5	9.4	50	10.9	8.8
	11.0	8.9		11.2	9.1
	10.9	8.8		11.3	9.2
2+00	10.5	8.4		11.3	9.2
	10.3	8.2		11.3	9.2

N. 98+00 CONTD EAST 1-10-57

Dist Sound Elev Dist Sound Elev

4+00 11.4 9.3 (2.1) 12.0 9.9

(2.1) 11.3 9.2 6+00 12.1 10.0

11.3 9.2 12.1 10.0

11.2 9.1 12.1 10.0

11.0 8.9 12.0 9.9

50 11.1 9.0 12.0 9.9

11.1 9.0 50 12.1 10.0

11.2 9.1 11.5 9.4

11.2 9.1 11.2 9.1

11.2 9.1 11.1 9.0

5+00 11.3 9.2 11.2 9.1

11.5 9.4 7+00 11.5 9.4

11.7 9.6 (Boats & Pier on Line)

12.0 9.9 (Contd West Pg. 69)

12.0 9.9 (see Pg. 67 for Sta.

12.0 9.9 N. 98 E 1/4 from E 1/4

50 12.0 9.9 Side El Carmel Pt.)

2125 12.1 10.0 50

12.0 9.9

12.0 9.9

✓ 1-10-57

(60)

N. 92+00; 0+00 = W/T 213.21, SOUND WEST

Dist Sound Elev Dist Sound Elev

0+50 (2.3) 6.2 3.9

(2.3) 5.9 3.6

2155 50 5.0 2.7

9.0 6.7

8.5 6.2

1+00 0.2 +2.1 8.7 6.4

0.6 +1.7 9.8 7.5

1.5 +0.8 3+00 10.3 8.0

2.0 +0.3 13.2 10.9

3.9 1.6 14.5 12.2

50 4.0 1.7 14.7 12.4

4.2 1.9 14.2 11.9

4.7 2.4 50 14.5 12.2

5.2 2.9 14.6 12.3

6.5 4.2 12.5 10.2

2+00 6.8 4.5 12.8 10.5

6.7 4.4 13.2 10.9

6.5 4.2 4+00 13.5 11.2

N. 92+00 SOUND WEST 1-10-57

Dist	Sound	Elev	Dist	Sound	Elev
(2.4)	13.9	11.5	6+00	10.0	7.5
<u>3:00</u>	13.7	11.3	(2.5)	10.0	7.5
	13.3	10.9		9.7	7.2
	13.0	10.6		9.8	7.3
50	11.0	8.6		9.9	7.4
	12.1	9.7	50	9.7	7.2
	10.8	8.4		9.6	7.1
	10.2	7.8	<u>3:05</u>	9.5	7.0
	9.9	7.5		9.5	7.0
5+00	9.3	6.9		9.3	6.8
	9.6	7.2	7+00	9.1	6.6
	9.8	7.4	+10	9.3	6.8
	9.4	7.0			
	9.5	7.1			
50	10.0	7.6			
	10.0	7.6			
	10.1	7.7			
	10.3	7.9			
	10.0	7.6			

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(2)

N. 93+00; 0+00 = W/17, 213.21; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+50			(2.5)	6.8	4.3
			(2.5)	6.0	3.5
<u>3:15</u>	0.3	+2.2	50	7.0	4.5
	1.0	+1.5		9.0	6.5
	1.6	+0.9		10.0	7.5
1+00	2.5	0.0		10.1	7.6
	4.0	1.5		12.0	9.5
	4.2	1.7	3+00	12.8	10.3
	4.8	2.3		12.7	10.2
	4.9	2.4		12.8	10.3
50	5.2	2.7		12.8	10.3
	6.0	3.5		12.5	10.0
	7.0	4.5	50	12.2	9.7
	7.5	5.0		12.2	9.7
	8.0	5.5		13.1	10.6
2+00	7.8	5.3	<u>3:20</u>	13.3	10.8
	7.3	4.8		13.8	11.3
	7.1	4.6	4+00	13.8	11.3

N. 93+00 CONTD WEST

	Dist	Sound	Elev	Dist	Sound	Elev
	(2.5)	13.7	11.2	6+00	10.1	7.5
		13.0	10.5	(2.6)	10.3	7.7
		12.2	9.7		10.3	7.7
		12.0	9.5		10.4	7.8
50		11.0	8.5		10.3	7.7
		10.1	7.6	50	10.2	7.6
		10.0	7.5		10.1	7.5
		9.8	7.3		10.1	7.5
		9.7	7.2		10.2	7.6
5+00		9.2	6.7		10.2	7.6
		9.2	6.7	7+00	10.2	7.6
		9.0	6.5		10.0	7.4
		9.8	7.3		10.0	
		10.0	7.5	<u>3.25</u>	10.0	
50		10.7	8.2		10.0	7.4
		10.9	8.4	50	10.1	7.5
		10.9	8.4			
		10.9	8.4			
		10.5	8.0			

¹⁰⁻⁸⁻⁵⁷
N. 94+00; 0+00 = W. 17071. 46 Sound West (62)

	Dist	Sound	Elev	Dist	Sound	Elev
					9.0	3.5
		9:57		50	9.9	4.4
0+70		0.0	+5.5		10.3	4.8
(5.5)		1.0	+4.5	(5.5)	10.9	5.4
		1.4	+4.1		11.0	5.5
1+00		2.1	+3.4		11.0	5.5
		2.7	+2.8	3+00	10.8	5.3
		3.0	+2.5		9.5	4.0
		3.3	+2.2		7.9	2.4
		4.0	+1.5		10.4	4.9
50		4.5	+1.0		12.2	6.7
		5.4	+0.1	50	11.6	6.1
		6.8	1.3		12.0	6.5
		7.6	2.1	<u>10.03</u>	12.7	7.2
		8.0	2.5		12.9	7.5
2+00		7.8	2.3	(5.4)	13.9	8.5
		8.1	2.6	4+00	14.2	8.8
10.02		8.8	3.3		14.2	8.8
<u>2</u>		9.0	3.5		14.8	9.4

N. 94+00 Cont'd West

Dist	Sound	Elev	Dist	Sound	Elev
	15.0	9.6		12.8	7.4
(5.4)	16.1	10.7	(5.4)	13.1	7.7
50	16.1	10.7		14.0	8.6
	16.7	11.3	50	14.2	8.8
<u>10:05</u>	15.3	9.9		14.2	8.8
	16.8	11.4	<u>10:08</u>	13.6	8.2
	16.8	11.4		13.5	8.1
5+00	16.1	10.7		13.1	7.7
	16.1	10.7	7+00	13.0	7.6
	13.0	7.6		13.0	
	13.5	8.1		13.0	
	13.5	8.1		13.0	
50	13.7	8.3		13.0	7.6
	13.7	8.3	50	13.2	7.8
	13.7	8.3		13.0	7.6
	13.2	7.8		13.0	7.6
	13.0	7.6		12.9	7.5
6+00	12.8	7.4		12.9	7.5
	12.8	7.4	8+00	12.9	7.5

N 94+00 West

63

Dist	Sound	Elev
(5.4)	12.8	7.4
<u>10:10</u>	12.6	7.2
	12.2	6.8
	12.8	7.4
50	13.5	8.1
	13.4	8.0
	13.2	7.8
	12.8	7.4
	12.8	7.4
9+00	12.7	7.3

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N 95+00; 0+00 = W 16930.04; Sound West

	Dist	Sound	Elev	Dist	Sound	Elev
				(5.1)	7.8	2.7
				(5.1)	8.5	3.4
(5.1)				50	9.0	3.9
					9.0	3.9
<u>10:23</u>				<u>10:25</u>	9.4	4.3
1+00	0.0	+5.1			10.5	5.4
	1.0	+4.1			10.5	5.4
	1.5	+3.6	3+00		10.2	5.1
	2.0	+3.1			10.2	5.1
	2.0	+3.1			10.2	5.1
50	2.5	+2.6			9.8	4.7
	3.0	+2.1			9.5	4.4
	3.0	+2.1	50		9.0	3.9
	3.6	+1.5			9.0	3.9
	4.0	+1.1			8.2	3.1
2+00	4.8	+0.3			11.1	6.0
	5.1	0.0			11.0	5.9
	6.5		4+00		10.8	5.7

N 95+00 West

(64)

	Dist	Sound	Elev	Dist	Sound	Elev
				6+00	12.5	7.4
(5.1)				(5.1)	11.9	6.8
					11.9	6.8
					11.9	6.8
50					11.8	6.7
				50	12.0	6.9
					12.0	6.9
					11.6	6.5
					12.0	6.9
5+00				<u>10:30</u>	12.4	7.3
				7+00	13.0	7.9
					13.6	8.5
					13.5	8.4
					13.8	8.7
50					13.8	8.7
				50	13.2	8.1
<u>10:28</u>					13.0	7.9
					13.0	7.9
					13.0	7.9

N95+00 Cont'd West

Dist	Sound	Elev	Dist	Sound	Elev
(5.1)	13.0	7.9	(5.0)	13.0	8.0
8+00	13.0	7.9		13.0	8.0
	13.1	8.0	10+00	13.0	8.0
	13.2	8.1	1033	13.2	8.2
	13.2	8.1		13.2	8.2
	13.0	7.9		13.0	8.0
50	13.0	}		13.2	8.2
	13.0		50	13.0	8.0
	13.0	7.9	60	13.0	8.0
	12.8	7.7			
	12.8	7.7			
9+00	13.0	7.9			
	13.0	7.9			
	13.0	7.9			
	12.8	7.7			
	13.0	7.9			
50	13.3	8.2			
	13.5	8.4			
	13.5	8.4			

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(65)

N96+00; 0+00 = W. 16788.62; Sound West

Dist	Sound	Elev	Dist	Sound	Elev
(4.8)	0.0	+4.8	(4.8)	8.0	3.2
1+00	0.5	+4.3		8.8	4.0
1043	1.0	+3.8		9.0	4.2
	1.8	+3.0	3+00	9.0	4.2
	1.8	+3.0		9.5	4.7
	2.0	+2.8		10.0	5.2
50	2.4	+2.4		10.0	5.2
	2.7	+2.1		10.8	6.0
	3.0	+1.8	50	10.8	6.0
	3.0	+1.8		10.5	5.7
	3.7	+1.1		10.5	5.7
2+00	4.1	+0.7		10.8	6.0
	4.5	+0.3		10.5	5.7
1045	5.0	0.2	4+00	10.8	6.0
	6.0	1.2		10.6	5.8
	6.1	1.3		11.1	6.3
50	7.0	2.2		11.0	6.2
	7.2	2.4		13.0	8.2

N. 96+00 Cont'd West 10-8-57					
Dist	Sound	Elev	Dist	Sound	Elev
50	12.8	8.0	(4.8)	14.9	10.1
(4.8)	12.0	7.2	50	14.0	9.2
	12.2	7.4		13.1	8.3
	12.4	7.6		12.6	7.8
	12.8	8.0		12.0	7.2
5+00	13.1	8.3		11.8	7.0
	13.9	9.1	7+00	12.0	7.2
	14.0	9.2	10:50	11.7	6.9
<u>10:48</u>	14.0	9.2		11.0	6.2
	14.2	9.4		11.0	6.2
50	14.4	9.6		11.2	6.4
	14.2	9.4	50	11.8	7.0
	14.8	10.0		11.8	7.0
	15.0	10.2		11.9	7.1
	15.0	10.2		12.0	7.2
6+00	15.0	10.2		12.0	7.2
	15.0	10.2	8+00	12.0	7.2
	14.9	10.1		12.0	7.2
	14.9	10.1		12.0	7.2

N 96+00 West (66)					
Dist	Sound	Elev	Dist	Sound	Elev
(4.6)	12.2	7.6	(4.6)	12.0	7.4
	12.2	7.6	10:55	12.0	7.4
50	12.4	7.8		12.0	7.4
	12.8	8.2	50	12.0	7.4
	12.5	7.9		11.7	7.1
	12.5	7.9		11.2	6.6
	12.8	8.2		11.0	6.4
9+00	12.8	8.2		10.7	6.1
	12.8	8.2	11+00	10.0	5.4
<u>10:53</u>	13.0	8.4		10.0	5.4
	13.0	8.4		10.1	5.5
	12.8	8.2		10.2	5.6
50	12.8	8.2		10.2	5.6
	12.3	7.7	50	10.2	5.6
	12.5	7.9		10.2	5.6
	12.5	7.9		10.0	5.4
	12.5	7.9	10:57	10.3	5.7
10+00	12.3	7.7		10.8	6.2
	12.0	7.4	12+00	10.8	6.2
			+10	10.4	5.8
			+20	10.8	6.2

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N. 97+00; 0+00 = W 16647.20; Sound West

Dist	Sound	Elev	Dist	Sound	Elev
0+00			(4.3)	4.0	+0.3
<u>11.12</u>				5.2	0.9
(4.4)	0.0	+4.4	2+00	6.5	2.2
	0.6	+3.8		6.8	2.5
	0.9	+3.5		7.2	2.9
50	0.9	+3.5	<u>11.15</u>	8.1	3.8
	1.0	+3.4		8.2	3.9
	1.0	+3.4	50	8.5	4.2
	1.0	+3.4		8.9	4.6
	1.2	+3.2		9.0	4.7
1+00	1.4	+3.0		9.0	4.7
	1.8	+2.6		9.2	4.9
	2.0	+2.4	3+00	9.6	5.3
	2.3	+2.1		10.0	5.7
	2.6	+1.8		10.7	6.4
50	2.9	+1.5		10.6	6.3
	3.2	+1.2		10.5	6.2
	3.9	+0.5	50	10.6	6.3

(see pg. 59 for Sta. 98 Ely. from W. Shore) (67)

N. 98+00; 0+00 = W 18669.25 Sound East

Dist	Sound	Elev	Dist	Sound	Elev
0+00	2.0	+1.7	(3.6)	10.5	6.9
(3.7)	2.8	+0.9		10.4	6.8
<u>11.45</u>	3.0	+0.7	2+00	10.6	7.0
	3.9	0.2		10.6	7.0
	8.4	4.7		11.0	7.4
50	9.8	6.1		11.0	
	10.9	7.2		11.0	
	11.1	7.4	50	11.0	
	11.7	8.0	<u>11.48</u>	11.0	
	12.0	8.3		11.0	
1+00	11.8	8.1		11.0	7.4
	11.3	7.6		11.4	7.8
	11.5	7.8	3+00	11.4	7.8
	11.4	7.7		11.8	8.2
	11.4	7.7		11.6	8.0
50	11.0	7.3		11.6	8.0
	10.8	7.1		11.0	7.4
	10.8	7.1	50	11.0	7.4

N98+00 CONTD East 10-8-57

Dist	Sound	Elev	Dist	Sound	Elev
(3.0)	11.1	7.5	50	11.0	7.5
	11.5	7.9	(3.5)	11.0	7.5
	12.0	8.4		10.9	7.4
	12.5	8.9		10.9	7.4
4+00	12.0	8.4		11.0	7.5
	11.9	8.3	6+00	11.0	
	11.8	8.2		11.0	
	11.1	7.5		11.0	
	10.5	6.9		11.0	
50	10.9	7.3		11.0	7.5
	11.0	7.4	50	11.1	7.6
	11.1	7.5		11.1	7.6
<u>11:50</u>	11.2	7.6	<u>11:53</u>	11.2	7.7
	11.2	7.6		11.0	7.5
5+00	11.1	7.5		10.9	7.4
	11.0	7.4	7+00	10.8	7.3
	11.2	7.6		10.8	7.3
	11.0	7.4		10.9	7.4
	11.0	7.4		10.8	7.3

N98+00 EAST

(68)

Dist	Sound	Elev	Dist	Sound	Elev
(3.5)	11.0	7.5	(3.4)	9.2	5.8
50	11.2	7.7		9.6	6.2
	11.0	7.5	50	9.2	5.8
	11.0	7.5		9.0	5.6
	10.6	7.1		9.1	5.7
	10.6	7.1		9.3	5.9
8+00	10.4	6.9		9.7	6.3
	10.6	7.1	10+00	10.0	6.6
<u>11:55</u>	11.0	7.5		9.9	6.5
	11.2	7.7		10.0	6.6
	11.2	7.7		10.2	6.8
50	11.3	7.8		10.2	6.8
	11.8	8.3	50	10.2	6.8
	11.6	8.1	<u>11:58</u>	10.2	6.8
	11.0	7.5		10.0	6.6
	10.5	7.0		11.5	8.1
9+00	10.0	6.5		11.5	8.1
	9.9	6.4	11+00	10.5	7.1
	9.3	5.8		10.3	6.9

N98+00 CONTD EAST

Dist	Sound	Elev	Dist	Sound	Elev
(3.4)	10.2	6.8	(33)	11.8	8.5
	10.3	6.9		12.0	8.7
	10.5	7.1		12.4	9.1
50	10.4	7.0		12.1	8.8
	10.4	7.0	50	12.7	9.4
	10.2	6.8		12.7	9.4
12+00	10.0	6.6		12.7	9.4
	10.0	6.6	1203	12.7	9.4
12+00	10.0	6.6		12.0	8.7
	9.9	6.5	14+00	12.1	8.8
	9.9	6.5		12.1	8.8
	9.9	6.5		12.0	8.7
	9.9	6.5		12.0	8.7
50	9.7	6.3		11.6	8.3
	9.8	6.4	50	11.2	7.9
	10.2	6.8		11.0	7.7
	10.6	7.2		11.0	7.7
	10.0	6.6		11.3	8.0
13+00	10.7	7.3		11.1	7.8

N98+00 EAST.

Dist	Sound	Elev	Dist	Sound	Elev
15+00	11.0	7.7	<u>Sound West</u>		
(3.3)	11.0	7.7	0+10	1.8	+1.9
1203	11.0	7.7	11.45	0.9	+2.8
	11.0	7.7	(3.7)	0.5	+3.2
	11.1	7.8	0+10	0.0	+3.7
50	11.2	7.9	<u>E. Shore El Carmel Pt.</u>		
	11.5	8.2	<u>Sound West</u>		
	11.5	8.2	0+00 = N.98+00		
	11.8	8.5	W 19.020		
	11.2	7.9	W 19.020		
	11.5	8.2	W 19.020		
	11.8	8.5	0+00		
	11.2	7.9		0.0	+2.3
16+00	11.5	8.2	11.50	0.9	+1.4
	11.4	8.1	(2.3)	1.5	+0.8
	11.0	7.7	50	2.9	0.6
	10.9	7.6	50	5.8	3.5
	11.0	7.7		7.3	5.0
50	11.7	8.4		8.2	5.9
	11.1	7.8		8.5	6.2
	11.0	7.7	1+00	9.5	7.2
				9.8	7.5

N. 98+00 CONTD EAST 10-21-57

	Dist	Sound	Elev	WEST	Dist	Sound	Elev
(2.3)	9.7	7.4		(Pier & Boats)			
	9.9	7.6		(on Line)			
<u>12:00</u>	10.0	7.9					
50	10.0	7.9					
(2.1)	9.9	7.8		50			
	9.8	7.7		3+60			
	10.0	7.9					
	10.0	7.9					
2+00	10.1	8.0					
	10.1	8.0					
	10.1	8.0					
	10.0	7.9					
	9.8	7.7					
50	9.8	7.7					
	9.9	7.8					
	10.2	8.1					
	10.1	8.0					
	10.3	8.2					
3+00	10.2	8.1					

10-21-57

(70)

N. 99+00; 0+00 = W. 20075.48; SOUND EAST

	Dist	Sound	Elev	Dist	Sound	Elev
1+30	0.0	+3.3		(3.2)	4.7	1.5
	0.3	+3.0			4.6	1.4
<u>11:07</u>	0.5	+2.8			4.8	1.6
50	0.8	+2.5			5.0	1.8
(3.3)	1.1	+2.2		50	5.2	2.0
	1.2	+2.1			5.0	1.8
	1.3	+2.0			5.1	1.9
2+00	1.4	+1.9			5.2	2.0
	1.8	+1.5			5.9	2.7
	1.9	+1.4		4+00	6.1	2.9
	2.3	+1.0			6.1	2.9
<u>11:10</u>	2.8	+0.5			6.0	2.8
50	3.1	+0.1			6.0	2.8
(3.2)	3.4	0.2			6.4	3.2
	3.5	0.3		50	7.0	3.8
	3.6	0.4			7.3	4.1
	4.0	0.8			7.3	4.1
3+00	4.2	1.0			7.4	4.2

N. 99+00 CONTD EAST 10-21-57					
Dist	Sound	Elev	Dist	Sound	Elev
	7.7	4.6		10.7	7.7
5+00	8.0	4.9		10.7	7.7
(3.1)	8.3	5.2	7+00	10.9	7.8
	8.6	5.5	<u>11.15</u>	11.0	7.9
	8.7	5.6	(3.1)	11.2	8.1
	9.1	6.0		11.2	8.1
50	9.9	6.8		11.3	8.2
	10.2	7.1	50	11.0	7.9
	10.2	7.1		10.7	7.6
	10.0	6.9		10.6	7.5
	9.4	6.3		10.6	7.5
6+00	9.6	6.5		10.6	7.5
	9.7	6.6	8+00	10.9	7.8
	9.3	6.2		11.0	7.9
	9.4	6.3		11.2	8.1
	9.8	6.7		11.0	7.9
50	10.1	7.0		11.0	7.9
	10.3	7.2	50	10.9	7.8
	10.7	7.6		10.8	7.7

N 99+00, EAST		
Dist	Sound	Elev
(3.1)	10.8	7.7
	10.8	7.7
	10.8	7.7
9+00	10.8	7.7
	10.6	7.5
	10.0	6.9
	9.0	5.9
	8.0	4.9
50	7.6	4.5
	6.5	3.4
	4.0	0.9
	1.4	+1.7

10-23-57

N. 99+00: 0+00 = W 18.601.75; SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.0	1.4	(-0.4)	7.0	7.4
(-0.4)	3.3	1.7		7.0	7.4
<u>2:45</u>	4.5	4.9	2+00	7.1	7.5
	5.2	5.6		7.2	7.6
	5.7	6.1		7.7	8.1
50	5.9	6.3		8.3	8.7
	6.7	7.1		8.9	9.3
	7.4	7.8	50	8.3	8.7
	7.7	8.1		7.0	7.4
	7.6	8.0		6.8	7.2
1+00	7.0	7.4		6.9	7.3
	6.6	7.0		6.6	7.0
	6.9	7.3	3+00	6.6	7.0
	6.9	7.3		6.3	6.7
	7.0	7.4		6.5	6.9
50	7.1	7.5		6.8	7.2
	6.8	7.2		7.1	7.5
	6.9	7.3	50	7.8	8.2

N. 99+00 EAST

(72)

Dist	Sound	Elev	Dist	Sound	Elev
(-0.4)	7.8	8.2	50	6.0	6.4
	7.2	7.6	(-0.4)	5.9	6.3
	6.7	7.1		6.3	6.7
<u>2:50</u>	6.4	6.8		6.4	6.8
4+00	6.5	6.9		6.7	7.1
	6.6	7.0	6+00	6.7	7.1
	6.8	7.2		6.8	7.2
	6.7	7.1		7.0	7.4
	6.6	7.0		6.8	7.2
50	6.3	6.7		6.4	6.8
	6.1	6.5	50	5.9	6.3
	5.7	6.1		6.1	6.5
	5.8	6.2		6.4	6.8
	5.9	6.3		6.5	6.9
5+00	5.9	6.3		6.7	7.1
	5.8	6.2	7+00	6.1	6.5
	5.7	6.1			
	5.8	6.2			
	6.0	6.4			

10-23-57

N.100+00: 0+00=W18634.24; SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+20	1.4	2.1	(-0.7)	7.0	7.7
(-0.7)	3.4	4.1			
	4.9	5.6	50	6.8	7.5
50	5.5	6.2			
	6.1	6.8		6.7	7.4
3:15	6.3	7.0			
	6.7	7.4		6.7	7.4
	6.8	7.5		6.6	7.3
1+00	6.9	7.6		6.5	7.2
	7.2	7.9	3+00	6.4	7.1
	7.2	7.9		6.0	6.7
	7.5	8.2		6.1	6.8
	7.2	7.9		6.3	7.0
50	7.2	7.9		6.1	6.8
	7.1	7.8	50	6.0	6.7
	7.2	7.9		6.2	6.9
	7.4	8.1		6.3	7.0
	7.1	7.8		6.0	6.7
2+00	7.1	7.8		6.0	6.7
	7.1	7.8	4+00	5.6	6.3
	7.5	8.2		5.7	6.2
	7.2	7.9		5.1	5.8

N.100+00 EAST

(73)

Dist	Sound	Elev	Dist	Sound	Elev
(-0.7)	5.3	6.0	(-0.7)	7.1	7.8
3:20	5.2	5.9		7.4	8.1
50	5.4	6.1		7.7	8.4
	5.5	6.2	50	8.1	8.8
	5.7	6.4	50	8.4	9.1
	5.8	6.5		8.5	9.2
	5.8	6.5		8.4	9.1
5+00	6.9	7.6		8.9	9.6
	6.9	7.6	7+00	8.7	9.4
	7.0	7.7		8.5	9.2
	7.2	7.9	3:25	8.8	9.5
	7.1	7.8		9.1	9.8
50	7.2	7.9		8.9	9.6
	7.2	7.9	50	8.0	8.7
	7.1	7.8			
	6.8	7.5			
	6.9	7.6			
6+00	6.9	7.6			
	7.1	7.8			

10-31-57

N. 102+00; 0+00 = W. 18799.22; SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+50			(3.6)	11.8	8.2
(3.6)			945	11.9	8.3
<u>9:40</u>			50	11.9	8.3
0.9	+2.7			11.7	8.1
1.6	+2.0			11.5	7.9
1+00	2.2	+1.4		11.4	7.8
	2.9	+0.7		11.5	7.9
	4.1	0.5	3+00	11.2	7.6
	6.8	3.2		11.4	7.8
	9.0	5.4		11.2	7.6
50	9.4	5.8		11.0	7.4
	10.2	6.6		11.5	7.9
	10.3	6.7	50	11.5	7.9
	10.5	6.9		11.8	8.2
	10.6	7.0		11.7	8.1
2+00	10.7	7.1		12.0	8.4
	10.7	7.1		11.7	8.1
	10.9	7.3	4+00	11.2	7.6

N. 102+00 EAST

(74)

Dist	Sound	Elev	Dist	Sound	Elev
(3.5)	10.9	7.4	6+00	11.3	7.8
	11.2	7.7	(3.5)	11.5	8.0
	11.2	7.7		11.8	8.3
	11.1	7.6		12.0	8.5
50	11.0	7.5		11.9	8.4
	11.2	7.7	50	11.5	8.0
	11.3	7.8		11.5	8.0
	11.2	7.7		11.3	7.8
	11.2	7.7		11.3	7.8
5+00	11.0	7.5		11.2	7.7
	10.9	7.4	7+00	11.2	7.7
	10.9	7.4		11.2	7.7
	10.9	7.4		11.3	7.8
	10.8	7.3		11.4	7.9
50	10.8	7.3		11.3	7.8
<u>9:50</u>	10.8	7.3	50	11.3	7.8
	11.0	7.5	<u>9:53</u>	11.2	7.7
	11.0	7.5		11.2	7.7
	11.0	7.5		10.8	7.3
	11.0	7.5		11.1	7.6
			8+00	11.3	7.8

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N.104+00; 0+00 = W.18864.21; SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+50			(35)	10.9	7.4
(35)			50	10.4	6.9
<u>10.03</u>	0.2	+3.3	<u>10.07</u>	10.9	7.4
	1.0	+2.5		11.2	7.7
	2.0	4.5		11.1	7.6
1+00	2.6	+0.9		11.7	8.2
	3.6	3.1	3+00	11.5	8.0
	8.0	4.5		11.6	8.1
	9.2	5.7		12.0	8.5
	9.4	5.9		11.7	8.0
50	9.7	6.1		11.7	8.2
	10.1	6.6	50	11.7	8.2
	10.3	6.8		11.5	8.0
	10.5	7.0		11.5	8.0
	10.5	7.0		11.3	7.8
2+00	11.1	7.6		11.3	7.8
	11.3	7.8	4+00	11.4	7.9
	11.3	7.8		11.7	8.2
	11.3	7.8		11.7	8.2

(15)

N.104+00 EAST

Dist	Sound	Elev.	Dist	Sound	Elev
(35)	11.5	8.0	(35)	10.0	6.5
<u>10.10</u>	11.0	7.5		10.3	6.8
50	10.4	6.9		10.4	6.9
	10.4	6.9	50	10.4	6.9
	10.5	7.0		10.5	7.0
	10.6	7.1		10.8	7.3
	10.2	6.7		10.8	7.3
5+00	10.6	7.1		10.7	7.2
	11.0	7.5	7+00	10.7	7.2
	11.0	7.5		10.6	7.1
	10.8	7.3		11.0	7.5
	10.9	7.4		11.0	7.5
50	10.9	7.4		11.2	7.7
	10.7	7.2	50	10.8	7.3
	10.7	7.2		11.2	7.7
	10.7	7.2		11.2	7.7
	10.5	7.0		11.2	7.7
6+00	10.2	6.7		11.0	7.5
	10.0	6.5	8+00	10.8	7.3

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N.104+00 CONTD EAST

Dist Sound Elev

(34)	11.0	7.6
	11.0	7.6
<u>1015</u>	11.1	7.7
	11.1	7.7
50	12.0	8.6
	11.8	8.4
8+70	12.1	8.7

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(76)

N.106+00; 0+00=W.18929.19; SOUND EAST

Dist Sound Elev Dist Sound Elev

0+00			(34)	12.2	8.8
				12.1	8.7
<u>1028</u>	0.2	+3.2	2+00	12.1	8.7
	0.6	+2.8		11.6	8.2
	0.9	+2.5		11.5	8.1
50	1.1	+2.3		11.3	7.9
	1.6	+1.8		11.0	7.6
	2.0	+1.4	50	10.9	7.5
	2.4	+1.0		11.0	7.6
	3.0	+0.4		10.7	7.3
1+00	4.9	1.5		10.8	7.4
	8.0	4.6		11.2	7.8
	8.7	5.3	3+00	11.2	7.8
	10.2	6.8		11.0	7.6
<u>1040</u>	10.5	7.1		10.4	7.0
50	11.4	8.0		10.1	6.7
	11.3	7.9		10.0	6.6
	12.5	9.1	4.50	10.1	6.7

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N.106+00 CONTD EAST

Dist	Sound	Elev	Dist	Sound	Elev
(34)	9.8	6.4	30	11.3	7.9
	9.9	6.5	(39)	11.2	7.8
	9.5	6.1		11.3	7.9
	9.2	5.8		11.5	8.1
4+00	9.0	5.6		11.4	8.0
	9.1	5.7	6+00	11.4	8.0
<u>10335</u>	9.3	6.9		11.4	8.0
	10.3	6.9		11.3	7.9
	10.5	7.1		11.7	8.3
50	10.3	6.9		11.2	7.8
	10.5	7.1	50	11.7	8.3
	10.4	7.0		11.6	8.2
	10.4	7.0		11.9	8.5
	10.6	7.2		11.9	8.5
5+00	10.8	7.4		11.7	8.3
	10.7	7.3	7+00	11.3	7.9
	10.7	7.3		11.2	7.8
	10.9	7.5		11.2	7.8
	11.2	7.8		11.8	8.4

N.106+00 EAST

⑦

Dist	Sound	Elev	Dist	Sound	Elev
(34)	12.3	8.9	30	11.3	7.9
450	12.4	9.0			
1038	12.3	8.9			
<u>1038</u>	12.5	9.1			
	12.5	9.1			
	12.2	8.8			
8+00	12.2	8.8			
	12.0	8.6			
	12.3	8.9			
	12.0	8.6			
	12.1	8.7			
50	12.3	8.9			
	12.0	8.6			
	12.2	8.8			
50	12.0	8.6			
	11.5	8.1			
9+00	11.6	8.2			
	11.5	8.1			
	11.4	8.0			

18 669.25

3.1