

87

MISSION

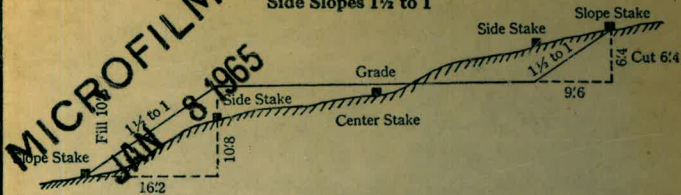
BAY

WITT

1881

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
 Roadway of any Width
 Side Slopes 1½ to 1

MICROFILMED
 JAN 8 1965



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	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
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

EUGENE DIETZGEN CO.

MBN-87

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SOUNDINGS MISSION BAY AREA FOR
SHOAL REMOVAL W.O. 65402

P.X. Sta 166+00 W 0+00 = N 6,000

Sound North

Dist	Sound	Elev.	Dist	Sound	Elev.
0+30	5.0	4.4	2+00	7.5	6.9
Time					
12:40	7.0	6.4		6.0	5.4
50	9.0	8.4		5.4	4.8
(0.6)	11.8	11.2		5.0	4.4
Tide	11.8	11.2		4.7	4.1
	11.6	11.0	50	4.6	4.0
	11.5	10.9		4.3	3.7
1+00	11.0	10.4		4.8	4.2
	12.2	11.6	(0.6)	5.5	4.9
	11.0	10.4		5.0	4.4
	10.4	9.8	3+00	5.6	5.0
	9.5	8.9	12:50	5.0	4.4
50	8.8	8.2		5.0	4.4
	8.0	7.4		4.5	3.9
	8.0	7.4		4.5	3.9
12:45	7.8	7.2	50	4.8	4.2
	7.6	7.0		5.0	4.4

NOTE: For Baseline layout see M.B. F.B. No. 86

Dist	Sound	Elev.	Dist	Sound	Elev.
	5.0	4.4		4.0	3.4
	5.2	4.6		4.0	3.4
	5.2	4.6	6+00	4.0	3.4
4+00	5.4	4.8		3.5	2.9
	5.5	4.9		3.2	2.6
	5.5	4.9		3.5	2.9
	5.7	5.1		3.5	2.9
	6.0	5.4	50	3.6	3.0
50	6.0	5.4		4.3	3.7
	5.4	4.8		4.0	3.4
	5.5	4.9		5.0	4.4
	5.5	4.9		6.7	6.1
	5.3	4.7	7+00	8.5	7.9
5+00	5.1	4.5		8.0	7.4
	5.8	5.2		8.0	7.4
(0.6)	6.5	5.9	(0.6)	8.0	7.4
12:55	4.0	3.4		6.5	5.9
	3.4	2.8	50	6.5	5.9
50	4.0	3.4	1:00	7.0	6.4
	4.3	3.7		7.2	6.6
	4.6	4.0		7.3	6.7

STA 166+00 W

Dist	Sound	Elev	Dist	Sound	Elev.
	7.7	7.1		5.0	4.4
8+00	7.8	7.2	10+00	5.5	4.9
	7.8	7.2		4.6	4.0
	7.8	7.2		5.0	4.4
	7.5	6.9		6.0	5.4
	6.5	5.9	(0.6)	6.3	5.7
50	5.6	5.0	50	6.5	6.0
	6.5	5.9		6.3	5.8
	6.2	5.6		6.5	6.0
	6.5	5.9	(0.5)	6.5	6.0
	4.5	3.9		6.7	6.2
9+00	7.4	6.8	11+00	6.7	6.2
	8.2	7.6		6.5	6.0
(0.6)	8.3	7.7		6.6	6.1
1:05	8.0	7.4		6.8	6.3
	4.0	3.4		7.0	6.5
50	4.4	3.8	50	6.8	6.3
	3.8	3.2	1:10	6.7	6.2
	4.8	4.2		6.8	6.3
	4.5	3.9		7.0	6.5

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(3)

Dist	Sound	Elev.	Dist	Sound	Elev
	7.0	6.5	14+00	10.5	10.0
12+00	6.8	6.3		10.0	9.5
	6.8	6.3		9.3	8.8
	6.9	6.4		10.0	9.5
	6.5	6.0		10.2	9.7
	6.6	6.1	50	7.8	7.3
50	7.5	7.0		7.8	7.3
	8.0	7.5	(0.5)	6.8	6.3
	8.0	7.5		5.0	4.5
	7.7	7.2		4.6	4.1
	7.4	6.9	15+00	4.0	3.5
13+00	7.2	6.7			
	7.3	6.8			
	7.3	6.8			
(0.5)	8.0	7.5			
	8.0	7.5			
50	8.0	7.5			
1:15	8.0	7.5			
	8.3	7.8			
	8.5	8.0			
	10.0	9.5			

Datum = U.S.C. & G.S. M.L.L.W.

NOTE: Elev's shown are

Minus unless

Preceded by a

Plus sign

P.X Sta 165+00 W 0+00 = N 6,000

Sound North					
Dist	Sound	Elev	Dist	Sound	Elev
8 0+50	5.7	5.0		8.0	7.3
1:48	7.3	6.6	50	8.0	7.3
	8.5	7.8		8.0	7.3
(0.7)	10.6	9.9		8.0	7.3
	13.0	12.3		8.0	7.3
1+00	12.5	11.8		7.5	6.7
	10.8	10.1	3+00	8.0	7.2
	11.0	10.3		7.0	6.2
	10.5	9.8		7.7	6.9
	10.7	10.0		7.0	6.2
50	10.5	9.8		7.0	6.2
	10.0	9.3	50	7.0	6.2
	9.5	8.8		7.0	6.2
	10.0	9.3		7.0	6.2
	10.0	9.3	1:55	7.0	6.2
2+00	9.0	8.3	(0.8)	6.1	5.3
	9.0	8.3	4+00	6.5	5.7
	9.0	8.3		6.0	5.2
	9.6	8.9		6.0	5.2

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(3)

Dist	Sound	Elev.	Dist	Sound	Elev.
	6.0	5.2		5.0	4.2
	6.0	5.2	50	4.9	4.1
50	6.3	5.5		5.7	4.9
	6.3	5.5		7.0	6.2
	6.3	5.5		8.0	7.2
	6.4	5.6		8.2	7.4
	6.5	5.7	7+00	8.2	7.4
5+00	6.6	5.8		8.2	7.4
	7.0	6.2		8.0	7.2
	8.0	7.2	(0.8)	7.5	6.7
	8.2	7.4		7.0	6.2
(0.8)	8.0	7.2	50	6.3	6.5
50	8.1	7.3		5.0	4.2
	8.0	7.2		6.0	5.2
2:00	7.0	6.2		6.0	5.2
	6.5	5.7		6.0	5.1
	6.0	5.2	8+00	4.4	3.5
6+00	6.3	5.5		5.3	4.4
	5.0	4.2	(0.9)	5.0	4.1
	5.0	4.2	2:05	7.0	6.1
	5.0	4.2		7.3	6.4

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Sta. 165+00 W

Dist Sound Elev

Dist	Sound	Elev	Dist	Sound	Elev
8+50	8.5	7.6	50	8.0	7.1
2:05	8.0	7.1	2:10	7.5	6.6
	7.5	6.6		7.0	6.1
	5.0	4.1		7.0	6.1
	4.5	3.6		7.3	6.4
9+00	4.7	3.8	11+00	7.3	6.4
	6.0	5.1		7.4	6.5
0.9	6.6	5.7		7.5	6.6
	6.6	5.7	0.9	7.2	6.3
	7.0	6.1		7.0	6.1
50	7.0	6.1	50	7.0	6.1
	7.3	6.4		7.0	6.1
	7.6	6.7		6.8	5.9
	6.0	5.1		7.5	6.6
	5.8	4.9		7.7	6.8
10+00	7.0	6.1	12+00	7.6	6.7
	7.2	6.3		7.8	6.9
	8.0	7.1		7.8	6.9
	8.3	7.4		7.5	6.6
	8.3	7.4		7.3	6.4

50 7.6 6.7

8.2 7.3

0.9 8.2 7.3

7.6 6.7

6.0 5.1

13+00 5.0 4.1

P.X. Sta 164+00W

0+00 = N 6,000 Sound North

Dist	Sound	Elev	Dist	Sound	Elev
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0+60	1.0	+0.2	50	9.8	8.6
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	3.3	2.1	2.35	9.0	7.8
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	7.5	6.3		9.2	8.0
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	9.0	7.8		9.0	7.8
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1+00	10.0	8.8		10.2	9.0
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	10.4	9.2	3+00	10.3	9.1
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	11.0	9.8		10.0	8.8
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2:30	11.5	10.3		10.3	9.1
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	11.3	10.1	(1.2)	10.5	9.3
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50	11.5	10.3		10.6	9.4
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	12.0	10.8	50	10.7	9.5
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(1.2)	11.4	10.2		10.3	9.1
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	11.0	9.8		10.0	8.8
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	11.2	10.0		10.0	8.8
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2+00	11.8	10.6		10.0	8.8
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	11.0	9.8	4+00	10.3	9.1
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	10.3	9.1		10.4	9.2
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	10.3	9.1		10.0	8.8
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	10.0	8.8		9.0	7.8
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(5)

Dist	Sound	Elev	Dist	Sound	Elev
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	9.0	7.7	50	6.0	4.6
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50	9.0	7.7		6.2	4.8
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	9.0	7.7		6.1	4.7
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	9.0	7.7		6.3	4.9
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(1.3)	9.2	7.9		7.0	5.6
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	9.6	8.3	7+00	7.5	6.1
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5+00	9.3	8.0		7.3	5.9
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	9.0	7.7	(1.4)	7.4	6.0
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	9.1	7.8		7.5	6.1
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2:40	8.0	6.7		7.5	6.1
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	8.2	6.9	50	7.5	6.1
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50	8.8	7.5	2+45	7.0	5.6
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	9.3	8.0		6.5	5.1
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	9.2	7.9		6.0	4.6
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	9.2	7.9		6.2	4.8
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	9.3	8.0	3+00	7.0	5.6
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6+00	9.0	7.7		7.0	5.6
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	8.1	6.8		7.1	5.7
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	6.2	4.9		7.0	5.6
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	6.0	4.7		7.2	5.8
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	5.8	4.5	50	6.0	4.6
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Sta 164+00 W

Dist	Sound	Elev	Dist	Sound	Elev
8+60	5.5	4.0		8.8	7.3
	5.1	3.6		8.7	7.2
	5.5	4.0		8.0	6.5
	6.5	5.0		8.0	6.5
9+00	7.5	6.0	11+00	7.8	6.3
	7.1	5.6		8.2	6.7
	5.4	3.9		9.0	7.5
(1.5)	6.3	4.8		8.7	7.2
	7.3	5.8		8.3	6.8
50	7.6	6.1	50	8.0	6.5
	7.5	6.0		8.0	6.5
	7.5	6.0	(1.5)	8.0	6.5
	8.0	6.5		7.8	6.3
	9.0	7.5		7.3	5.8
10+00	9.2	7.7	12+00	7.3	5.8
	9.3	7.8		7.5	6.0
2:50	9.5	8.0		7.5	6.0
	9.0	7.5		7.5	6.0
	9.0	7.5		7.4	5.9
50	9.0	7.5	50	7.2	5.7
			60	5.5	4.0

P.X.

4-19-55

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Sta 163+00 W 0+00 = N6,000

Sound North					
Dist	Sound	Elev	Dist	Sound	Elev
0+70	0.5	+1.3		10.3	8.4
	1.0	+0.8		10.4	8.5
3:10	5.0	3.2		10.3	8.4
1+00	8.0	6.2		9.8	7.9
	9.0	7.2	3+00	10.5	8.6
(1.8)	10.1	8.3		10.5	8.6
	11.2	9.4	(1.9)	10.5	8.6
	13.0	11.2		11.3	9.4
50	13.2	11.4		12.0	10.1
	13.3	11.5	50	12.0	10.1
	13.0	11.2		12.0	10.1
	13.0	11.1		11.3	9.4
(1.9)	13.0	11.1		11.0	9.1
2+00	13.0	11.1		10.3	8.6
3:15	13.0	11.1	4+00	10.0	8.1
	12.2	10.3		10.0	8.1
	12.0	10.1		10.3	8.4
	11.3	9.4		10.3	8.4
50	10.8	8.9	3:20	10.0	8.1

Sta / 63+00 W					
Dist	Sound	Elev	Dist	Sound	Elev
4+50	9.5	7.6	50	9.8	7.9
	9.7	7.8		9.8	7.9
3:20	9.2	7.3		9.5	7.6
	9.2	7.3		9.6	7.7
	9.1	7.2		9.6	7.7
5+00	9.2	7.3	7+00	9.8	7.9
	9.5	7.6		10.0	8.1
	9.3	7.4		10.2	8.3
(1.9)	9.0	7.1	(1.9)	10.0	8.1
	9.0	7.1		10.0	8.1
50	8.8	6.9	50	9.5	7.6
	9.0	7.1		9.1	7.2
	10.0	8.1		9.0	7.1
	10.3	8.4		9.0	7.1
	10.8	8.9		8.8	6.9
6+00	10.5	8.6	8+00	9.3	7.4
	10.2	8.3		10.0	8.1
	10.0	8.1		10.2	8.3
	9.5	7.6		10.0	8.1
	9.7	7.8		9.5	7.6

4-19-55 (7)					
Dist	Sound	Elev	Dist	Sound	Elev
50	9.3	7.3		10.3	8.2
	8.8	6.8		10.5	8.4
	9.0	7.0	3.30	10.4	8.3
	9.0	7.0		10.3	8.2
	9.0	7.0	11+00	10.0	7.9
9+00	9.0	7.0		9.8	7.7
	9.2	7.2		10.1	8.0
(2.0)	10.0	8.0		10.0	7.9
	10.0	8.0	(2.1)	10.1	8.0
	9.9	7.9	50	10.1	8.0
50	10.1	8.1		10.1	8.0
3:25	10.2	8.2		10.5	8.4
	10.3	8.3		11.1	9.0
	10.2	8.2		11.0	8.9
	10.2	8.2	11+00	10.0	7.9
10+00	10.6	8.6		8.2	6.1
	10.5	8.5		10.0	7.9
	11.0	9.0		6.8	4.7
	11.0	9.0		2.0	+0.1
	10.8	8.8	50		
50	10.3	8.3			

P.X.

Sta 162+00W 0+00 = N6,000

Sound North

Dist	Sound	Elev	Dist	Sound	Elev
0+90	1.0	+2.2	13.8	10.7	
1+00	1.8	+1.4	13.0	9.9	
10.20	2.8	+0.4	3+00	12.3	9.2
	5.0	1.8	10.25	12.2	9.1
	8.3	5.1		11.5	8.4
(3.2)	9.1	5.9	(3.1)	12.0	8.9
50	9.7	6.5		12.2	9.1
	10.3	7.1	50	12.3	9.2
	12.0	8.8		12.7	9.6
	12.5	9.3		12.4	9.3
	13.5	10.3		12.0	8.9
2+00	14.3	11.1		12.0	8.9
	15.0	11.8	4+00	12.0	8.9
	15.0	11.8		12.0	8.9
	15.2	12.0		12.3	9.2
	15.6	11.8		11.8	8.7
50	14.4	11.2		12.0	8.9
	14.0	10.8	50	11.3	8.2
	14.0	10.8		11.0	7.9

4-20-55

(8)

Dist	Sound	Elev	Dist	Sound	Elev
	10.7	7.7		10.7	7.7
10.30	10.3	7.3		10.4	7.4
	10.6	7.6	7+00	10.4	7.4
5+00	10.4	7.4		10.3	7.3
	10.2	7.2		10.4	7.4
	10.3	7.3		11.0	8.0
	10.2	7.2		12.0	9.0
	10.2	7.2	50	12.1	9.1
50	10.3	7.3		12.0	9.0
	10.8	7.8	(3.0)	11.8	8.8
(3.0)	10.5	7.5		11.8	8.8
	10.4	7.4	10:35	11.3	8.3
	10.7	7.7	8+00	11.0	8.0
6+00	10.9	7.9		11.0	8.0
	11.1	8.1		11.2	8.2
	11.2	8.2		11.4	8.4
	11.5	8.5		11.3	8.3
	11.4	8.4	50	11.0	8.0
50	11.1	8.1		9.5	6.5
	10.8	7.8		9.1	6.1
	11.0	8.0		9.0	6.0

Sta 162+00 W					
Dist	Sound	Elev	Dist	Sound	Elev
	9.0	6.1		11.5	8.6
9+00	9.0	6.1	11+00	11.8	8.9
	9.0	6.1		11.6	8.7
	9.3	6.4		11.4	8.5
	9.9	7.0		11.1	8.2
	10.2	7.3		11.1	8.2
50	10.5	7.6	50	11.0	8.1
	10.6	7.7		11.0	8.1
(2.9)	10.6	7.7	(2.9)	11.0	8.1
	10.8	7.9		10.3	7.4
	11.0	8.1		9.5	6.6
10+00	11.1	8.2	12+00	8.7	5.8
	11.2	8.3		7.0	4.1
	11.7	8.8		6.0	3.1
	12.1	9.2	10:45	3.1	0.2
	12.0	9.1			
50	12.0	9.1			
10:40	11.7	8.8			
	11.4	8.5			
	11.5	8.6			

PX 4-20-55 (9)

Sta 161+00 W 0+00 = N6,000					
Sound North					
Dist	Sound	Elev	Dist	Sound	Elev
1+30	0.4	+2.4		13.2	10.7
	1.0	+1.6		12.0	9.5
50	1.7	+0.9		12.0	9.5
	3.0	0.4	50	12.0	9.5
	6.8	4.2		12.5	10.0
(2.6)	9.0	6.4		13.0	10.5
	9.8	7.2	(2.5)	13.1	10.6
2+00	11.0	8.4		12.6	10.1
	12.0	9.4	4+00	12.6	10.1
11:00	13.2	10.6		12.0	9.5
	14.5	11.9	11:05	11.8	9.3
	15.2	12.6		11.5	9.0
50	15.5	12.9		11.5	9.0
	15.8	13.2	50	11.4	8.9
	16.0	13.4		11.3	8.8
	16.0	13.4		10.7	8.2
	15.5	12.9		11.0	8.5
3+00	15.3	12.7		12.1	9.6
	14.8	12.2	5+00	11.8	9.3

Sta 161+00 W					
Dist	Sound	Elev	Dist	Sound	Elev
	11.5	9.0		10.7	8.2
	11.4	8.9		11.5	9.0
11:10	11.2	8.7		11.8	9.4
	11.0	8.5		12.0	9.6
50	11.0	8.5	50	11.5	9.1
	10.9	8.4	11:15	10.6	8.2
	11.0	8.5		10.4	8.0
(2:5)	11.2	8.7	(2:4)	9.6	7.2
	11.2	8.7		10.0	7.6
6+00	11.1	8.6	8+00	9.6	7.2
	11.0	8.5		10.0	7.6
	11.0	8.5		9.5	7.1
	11.0	8.5		10.0	7.6
	11.4	8.9		10.5	8.1
50	11.2	8.7	50	11.1	8.7
	10.6	8.1		11.1	8.7
	11.0	8.5		11.5	9.1
	11.1	8.6		11.4	9.0
	10.8	8.3		10.8	8.4
7+00	10.5	8.0	9+00	10.7	8.3

Sta 164+00 W (10)					
Dist	Sound	Elev	Dist	Sound	Elev
	10.0	7.7		11.3	9.0
	10.0	7.7		12.3	10.0
11:20	9.8	7.5		12.7	10.4
	10.0	7.7	50	13.0	10.7
50	9.8	7.5		13.0	10.7
	9.8	7.5	(2:3)	12.0	9.7
	9.5	7.2		10.3	8.0
(2:3)	9.2	6.9		8.8	6.5
	9.0	6.7	12+00	8.0	5.7
10+00	9.0	6.7		6.2	3.9
	9.1	6.8		5.0	2.7
	9.5	7.2			
	10.1	7.8			
	11.0	8.7	50		
50	11.4	9.1			
	12.0	9.7			
	11.8	9.5			
	11.5	9.2			
	11.2	8.9			
11+00	10.8	8.5			
	11.0	8.7			

STA 168+00 N 0+00 = N6,000
P.X. Sound North

Dist	Sound	Elev	Dist	Sound	Elev
0+00	13.0	12.1		8.0	7.2
	9.3	8.4	2+00	7.0	6.2
(0.9)	8.4	7.5		6.3	5.5
	8.5	7.6		6.5	5.7
	9.0	8.1	(0.8)	6.2	5.4
50	9.0	8.1		5.0	4.2
	9.0	8.1	50	3.0	2.2
1:15	8.0	7.9		4.0	3.2
	7.7	6.8		6.4	5.6
	8.0	7.1		5.5	4.7
1+00	7.0	6.1		3.0	2.2
	7.0	6.1	3+00	1.0	0.2
	6.1	5.2		2.2	1.4
	6.2	5.3	1:25	2.2	1.4
	6.5	5.6		3.0	2.2
50	7.7	6.8		5.2	4.4
	7.8	6.9	50	5.2	4.4
	8.5	7.6		6.0	5.2
	9.0	8.1		5.5	4.7

4-20-55 (11)

Dist	Sound	Elev	Dist	Sound	Elev
	7.5	6.7		7.5	6.7
	9.0	8.2	6+00	7.3	6.5
4+00	7.0	6.2		8.2	7.4
	10.0	9.2		8.8	8.0
	10.2	9.4		8.2	7.4
	9.0	8.2		8.8	8.0
	8.0	7.2	50	8.3	7.5
50	8.0	7.2		8.5	7.7
	7.9	7.1	(0.8)	10.0	9.2
(0.8)	8.0	7.2		9.8	9.0
	7.5	6.7		9.1	8.3
	6.3	5.5	7+00	9.8	9.0
5+00	6.5	5.7	1:35	10.0	9.2
	7.1	6.3		10.2	9.4
1:30	7.8	7.0		9.5	8.7
	7.0	6.2		9.8	9.0
	6.8	6.0	50	11.0	10.2
50	7.0	6.2		12.0	11.2
	7.0	6.2		12.2	11.4
	6.3	5.5		10.2	9.4
	8.0	7.2		10.0	9.2

Sta 168+00 W

Dist	Sound	Elev	Dist	Sound	Elev
8+00	12.0	11.2		10.0	9.2
	12.7	11.9		10.3	9.5
	13.0	12.2		10.2	9.4
	12.2	11.4		10.3	9.5
	11.1	10.3	50	9.8	9.0
50	10.0	9.2		9.0	8.2
	10.2	9.4		8.8	8.0
	9.7	8.9		8.3	7.5
11+40	10.0	9.2		8.0	7.2
	10.0	9.2	11+00	8.2	7.4
9+00	11.0	10.2	11+45	8.6	7.8
	10.1	9.3		10.0	9.2
(0.8)	10.5	9.7	(0.8)	9.5	8.7
	10.0	9.2		8.5	7.7
	8.8	8.0	50	9.0	8.2
50	8.0	7.2		9.8	9.0
	8.0	7.2		7.2	6.4
	9.2	8.4		7.5	6.7
	9.2	8.4		7.3	6.5
	8.0	7.2	12+00	5.5	4.7
10+00	8.0	7.2		7.0	6.2

4-20-55

(2)

Dist	Sound	Elev	Dist	Sound	Elev
	7.3	6.5		9.5	8.7
	7.2	6.4		9.2	8.4
	7.2	6.4	50	10.2	9.4
50	7.2	6.4	(0.8)	10.1	9.3
	7.5	6.7		10.5	9.7
	8.0	7.2	11.53	10.0	9.2
	8.0	7.2		10.1	9.3
	7.8	7.0	15+00	10.1	9.3
13+00	7.0	6.2			
	6.8	6.0			
	7.0	6.2			
(0.8)	8.0	7.2			
	8.7	7.9			
50	8.0	7.2			
11.50	8.2	7.4			
	7.8	7.0			
	8.0	7.2			
	8.2	7.4			
14+00	9.0	8.2			
	9.0	8.2			
	9.2	8.4			

4-20-55

(13)

STA 167+00 W 0+00 = N 6,000

P.V. Sound North

Dist	Sound	Elev	Dist	Sound	Elev	Dist	Sound	Elev
	4.6	3.6		4.5	3.4			
	4.6	3.6	6+00	4.8	3.7			
0+00	4.0	3.0		11.0	10.0	4+00	4.0	3.0
2:08	5.8	4.8	2+00	11.0	10.0		4.1	3.1
	9.0	8.0		11.8	10.8		4.5	3.5
	10.3	9.3		11.2	10.2	2:20	7.5	6.4
	11.0	10.0		7.0	6.0		7.0	5.9
50	11.0	10.0		4.0	3.0	50	9.0	7.9
	11.1	10.1	50	3.0	2.0	50	4.4	3.4
(1.0)	11.0	10.0		6.0	5.0	1.0	5.0	4.0
	10.0	9.0		5.0	4.0		5.5	4.4
	10.0	9.0	(1.0)	4.2	3.2		7.2	6.1
1+00	10.0	9.0		7.3	6.3	7+00	8.0	6.9
	9.5	8.5	3+00	3.3	2.3	5+00	9.0	7.9
	8.7	7.7		4.0	3.0		8.5	7.4
2:10	7.1	6.1		4.4	3.4	(1.1)	6.1	5.0
	6.0	5.0		4.4	3.4		5.0	3.9
50	3.0	2.0		5.0	4.0		5.5	4.4
	3.0	2.0	50	4.8	3.8	50	5.0	3.9
	7.4	6.4	2:15	4.8	3.8		4.3	3.2
	9.2	8.2		5.0	4.0		5.0	3.9
							7.0	5.9
							7.0	5.9

STA 167+00 W

Dist	Sound	Elev	Dist	Sound	Elev
8+00	8.0	6.9	10+00	6.0	4.9
	8.5	7.4		6.0	4.9
	9.0	7.9		7.0	5.9
	9.0	7.9		7.0	5.9
	8.0	6.9		7.1	6.0
50	8.0	6.9	50	7.0	5.9
	9.0	7.9		6.5	5.4
(1.1)	8.0	6.9		6.6	5.5
	9.0	7.9	(1.1)	7.0	5.9
	10.0	8.9		7.3	6.2
9+00	9.5	8.4	11+00	7.4	6.3
	9.1	8.0		7.4	6.3
	8.5	7.4		8.0	6.9
	8.0	6.9		9.0	7.9
2:25	8.0	6.9		9.0	7.9
50	6.0	4.9	50	9.0	7.9
	6.0	4.9		8.5	7.4
	9.0	7.9		8.0	6.9
	9.0	7.9		8.0	6.9
	7.0	5.9		8.0	6.9

4-20-55 (14)

Dist	Sound	Elev	Dist	Sound	Elev
12+00	8.0	6.9		11.0	9.8
	7.8	6.7		11.3	10.1
	7.7	6.6		11.3	10.1
	7.3	6.2		12.3	11.1
	7.2	6.1	50	12.3	11.1
50	7.0	5.9		13.0	11.8
2:30	7.2	6.0	(1.2)	13.0	11.8
	7.5	6.3		13.0	11.8
(1.2)	8.0	6.8		13.0	11.8
	8.0	6.8	15+00	13.0	11.8
13+00	8.5	7.3			
	9.0	7.8			
	9.0	7.8			
	9.0	7.8			
50	9.3	8.1			
	10.0	8.8			
	10.3	9.1			
	10.3	9.1			
	11.0	9.8			
14+00	11.3	10.1			

PX

Sound West

STA	62+00 N	0+00 = 16,600 W	Dist	Sound	Elev
0+00	9.0	7.2	2+00	7.7	5.9
	9.0	7.2		7.1	5.3
	6.0	4.2		7.0	5.2
3:15	9.0	7.2		6.8	5.0
	10.3	8.5		6.2	4.4
50	10.0	8.2	50	5.8	4.0
	11.0	9.2	3:20	5.3	3.5
(1.8)	12.0	10.2		5.0	3.2
	12.3	10.5	(7.8)	5.1	3.3
	12.0	10.2		5.2	3.4
1+00	11.5	9.7	3+00	5.3	3.5
	11.5	9.7		5.0	3.2
	11.0	9.2		5.0	3.2
	11.0	9.2		5.6	3.8
	11.0	9.2		4.5	2.7
50	10.8	4.0	50	5.0	3.2
	10.1	8.3		5.3	3.5
	9.8	8.0		5.3	3.5
	9.0	7.2		5.4	3.6
	8.0	6.2		6.0	4.2
			4+00	6.1	4.3

(15)

Dist	Sound	Elev
	6.5	4.7
4+20 @ Bridge	7.0	5.2

P.X.

STA 63+00 W 0+00 = 16,600 W

Sound West

Dist	Sound	Elev	Dist	Sound	Elev
0+00	9.0	4.9		4.3	0.3
	9.0	4.9	2+00	4.3	0.3
9:55	8.5	4.4	10:00	5.6	1.6
	8.0	3.9		6.3	2.3
	8.0	3.9		8.8	4.8
50	7.2	3.1		8.3	4.3
	7.3	3.2	50	8.1	4.1
(4.1)	6.8	2.7	(4.0)	9.2	5.2
	6.5	2.5		10.0	6.0
	9.0	4.9		10.0	6.0
1+00	10.0	5.9		9.0	5.0
	10.0	5.9	3+00	9.0	5.0
	7.2	3.1		9.0	5.0
	7.0	2.9		9.0	5.0
	6.0	1.9		9.0	5.0
50	5.8	1.7		8.0	4.0
	5.2	1.1	50	8.7	4.7
	5.0	0.9		8.8	4.8
	5.0	0.9		8.0	4.0

(16)

Dist Sound Elev Dist Sound

	8.1	4.1			
	8.0	4.0			
4+00	8.5	4.5			
	9.0	5.0			
	9.0	5.0			
	9.0	5.0			
	9.1	5.1			
50	10.0	6.0			
	10.7	6.7			
(4.0)	10.5	6.5			
	11.5	7.5			
	11.0	7.0			
5+00	11.6	7.6			
10:05	12.3	8.3			
	12.0	8.0			
@ Bridge	15.0	11.0			

P.X.

STA 64+00N 0+00=16,600W

Sound West

Dist	Sound	Elev	Dist	Sound	Elev
0+00	8.8	4.9		11.0	7.1
10:10	8.2	4.3	2+00	9.7	5.8
	8.0	4.1		9.0	5.1
	7.5	3.6		9.5	5.6
	7.3	3.4		8.5	4.6
50	7.3	3.4		7.5	3.6
(3.9)	7.5	3.6	50	9.5	5.6
	7.8	3.9		10.5	6.6
	8.0	4.1	(3.9)	10.3	6.4
	7.0	3.1		9.5	5.6
1+00	7.0	3.1		8.3	4.4
	6.5	2.6	3+00	8.0	4.1
	6.0	2.1		8.0	4.1
10:15	5.9	2.0		7.1	3.2
	6.0	2.1		8.3	4.4
50	6.3	2.4		9.2	5.3
	9.0	5.1	50	10.0	6.1
	11.5	7.6		11.0	7.1
	11.5	7.6		11.2	7.3

(17)

Dist	Sound	Elev	Dist	Sound	Elev
	12.0	8.2	10:25	23.0	19.3
	13.0	9.2		24.0	20.3
4+00	14.0	10.2	6+00	25.0	21.3
	14.2	10.4	(3.7)	26.0	22.3
	14.8	11.0		26.0	22.3
(3.8)	14.0	10.2		26.0	22.3
	12.7	8.9	10:28	26.0	22.3
50	14.0	10.2	50	26.0	22.3
10:20	14.7	10.9		@Bridge	
	16.0	12.2			
	16.0	12.2			
	16.5	12.7			
5+00	17.0	13.2			
	18.5	14.7			
	18.0	14.2			
	20.0	16.2			
	20.5	16.7			
50	22.0	18.2			
	23.0	19.2			
	23.5	19.7			

P.X.

S7A 65+00N 0+00 = 16,600W

Sound West

Dist	Sound	Elev	Dist	Sound	Elev
0+00	8.0	4.4		8.0	4.5
10:35	8.0	4.4	2+00	9.0	5.5
	7.0	3.4		9.0	5.5
(3.6)	7.0	3.4		8.0	4.5
	8.0	4.4	(3.5)	8.4	4.9
50	8.5	4.9		8.0	4.5
	8.3	4.7	50	8.7	5.2
	9.0	5.4		9.0	5.5
	10.5	6.9		10.3	6.8
	11.0	7.4		10.5	7.0
1+00	11.0	7.4		10.5	7.0
10:40	10.5	6.9	3+00	11.5	8.0
	10.0	6.4		12.1	8.6
	9.8	6.2		12.2	8.7
(3.5)	9.8	6.2		12.8	9.3
50	9.0	5.4		13.0	9.5
	10.0	6.4	50	12.7	9.2
	9.8	6.2		13.5	10.0
	9.3	5.8		13.5	10.0

(18)

Dist	Sound	Elev	Dist	Sound	Elev
10:45	13.7	10.3		19.0	15.7
	13.6	10.2		19.0	15.7
4+00	13.7	10.3	6+00	19.0	15.7
	14.0	10.6		19.0	15.7
	16.3	12.9	(3.3)	18.0	14.7
(3.4)	17.0	13.6		19.0	15.7
	17.0	13.6		18.5	15.2
50	17.3	13.9	50	19.0	15.7
	18.0	14.6	10:55	20.5	17.2
	18.0	14.6		21.0	17.7
	18.0	14.6		20.0	16.7
	18.0	14.6		19.7	16.4
5+00	18.0	14.6	7+00	19.0	15.7
	17.5	14.1		20.0	16.7
10:50	17.0	13.6		19.5	16.2
	17.0	13.6		19.0	15.7
	17.5	14.1		19.0	15.7
50	18.0	14.6	50	19.0	15.7
	18.0	14.6	10:59	19.0	15.7
	19.0	15.6			

PZ.

STA	66+00N	0+00	-17,400W	Dist	Sound	Elev
			Sound East			
Dist	Sound	Elev	Dist	Sound	Elev	
0+00	9.0	6.0		17.5	14.7	
11:15	9.0	6.0	2+00	16.5	13.7	
	9.0	6.0		17.0	14.2	
(3.0)	9.0	6.0		17.7	14.9	
	10.0	7.0		17.0	14.2	
50	10.0	7.0		18.0	15.2	
	10.7	7.7	50	17.0	14.2	
	11.0	8.0	11:25	16.0	13.2	
	13.0	10.1		16.0	13.2	
11:20	13.0	10.1	(2.8)	16.0	13.2	
1400	13.0	10.1		15.3	12.5	
	13.5	10.6	3+00	15.5	12.7	
	15.0	12.1		15.0	12.2	
(2.9)	15.5	12.6		15.0	12.2	
	16.5	13.6		15.0	12.2	
50	16.0	13.1		15.0	12.2	
	17.0	14.1	50	15.0	12.2	
	17.0	14.1		14.8	12.0	
	17.0	14.1		14.5	11.7	

(19)

Dist	Sound	Elev	Dist	Sound	Elev
	14.5	11.8		10.0	7.4
11:30	15.5	12.8		9.0	6.4
4+00	16.0	13.3	6+00	9.0	6.4
	15.8	13.1		8.0	5.4
	15.8	13.1	(2.6)	8.0	5.4
	16.1	13.4		9.0	6.4
	16.7	14.0		8.0	5.4
50	15.8	13.1	50	8.5	5.9
(2.7)	15.0	12.3		8.0	5.4
	15.0	12.3		8.0	5.4
	14.3	11.6		8.0	5.4
	14.1	11.4		6.8	4.2
5+00	13.0	10.3	7+00	6.0	3.4
	12.5	9.8	11:38		
	12.3	9.7			
11:35	11.5	8.9			
	10.8	8.2			
50	10.0	7.4			
(2.6)	10.0	7.4			
	10.2	7.6			

P.X.

STA 67+00 N 0+00 = 17400 W

Sound East

Dist Sound Elev Dist Sound Elev

0+10 2.0 0.5 11.0 9.6

1:00 5.0 3.5 2+00 10.0 8.6

7.0 5.5 9.0 7.6

7.5 6.0 9.3 7.9

50 8.0 6.5 (1.4) 9.2 7.8

(1.5) 8.0 6.5 10.0 8.6

8.5 7.0 50 11.3 9.9

7.8 6.3 12.1 10.7

8.7 7.2 13.0 11.6

1+00 9.0 7.5 13.0 11.6

9.7 8.2 13.5 12.1

1:05 10.0 8.5 3+00 13.1 11.7

10.2 8.7 1:15 13.5 12.1

11.0 9.5 13.0 11.6

50 11.0 9.5 13.0 11.6

10.8 9.3 12.8 11.4

11.0 9.5 50 12.5 11.1

1:10 11.0 9.5 12.3 10.9

12.8 11.4

Dist Sound Elev Dist Sound Elev

12.6 11.2 10.3 9.0

13.0 11.6 6+00 10.0 8.7

4+00 13.1 11.7 10.0 8.7

13.1 11.7 (1.3) 10.0 8.7

(1.4) 12.7 11.3 8.5 7.2

12.8 11.4 8.0 6.7

13.0 11.6 50 9.2 7.9

50 12.4 11.0 7:25 9.0 7.7

12.7 11.3 8.0 6.7

(1.3) 12.7 11.4 8.0 6.7

13.1 11.8 8.0 6.7

1:20 12.6 11.3 7+00 8.5 7.2

5+00 12.5 11.2 1:26

12.4 11.1

12.0 10.7

11.0 9.7

10.5 9.2

50 12.2 10.9

12.0 10.7

10.7 9.4

11.0 9.7

(2.0)

P.L.

STA 68+00 N			0+00 = 17,400 W			Dist Sound Elev			Dist Sound Elev		
Sound East									(2)		
Dist	Sound	Elev	Dist	Sound	Elev				Dist	Sound	Elev
						12.2	11.1	1:50	8.6	7.5	
						12.7	11.6	50	9.0	7.9	
0:45	0.4	+0.8		9.0	7.9	50	12.0	10.9	10.3	9.2	
1:35	1.2	0.0	50	10.0	8.9	1:45	10.5	9.4	(1.1)	11.0	9.9
	3.0	1.8		10.7	9.6		11.0	9.9		9.8	8.7
(1.2)	7.1	5.9		11.0	9.9		12.3	11.2		9.0	7.9
	7.0	5.8	(1.1)	11.1	10.0		12.5	11.4	7+00	8.0	6.9
1:00	7.5	6.3		11.0	9.9	5+00	12.0	10.9	1:52		
	8.0	6.8	3+00	11.0	9.9		12.0	10.9			
	9.0	7.8		10.8	9.7	(1.1)	13.4	12.3			
	9.7	8.5		10.0	8.9		14.4	13.3			
	10.0	8.9		10.7	9.6		13.5	12.4			
50	10.6	9.5		10.4	9.3	50	12.0	10.9			
1:40	11.0	9.1	50	10.4	9.3		11.6	10.5			
	11.1	10.0		10.0	8.9		11.7	10.6			
(1.1)	12.0	10.9		9.3	8.2		11.0	9.9			
	12.0	10.9		9.0	7.9		11.1	10.0			
2+00	12.0	10.9		9.0	7.9	6+00	12.2	11.1			
	11.1	10.0	4+00	9.0	7.9		12.0	10.9			
	11.2	10.1		10.0	8.9		11.2	10.1			
	10.3	9.2		11.5	10.4		10.3	9.2			

P.L.

STA 69+00 N 0+00 = 17400W

Sound East

Dist Sound Elev Dist Sound Elev

0+80 0.3 +0.7 10.2 9.2

2:00 2.0 1.0 9.8 8.8

1+00 3.8 2.8 8.3 7.3

5.8 4.8 3+00 6.5 5.5

(1.0) 6.5 5.5 6.8 5.8

7.0 6.0 6.7 5.7

8.5 7.5 7.0 6.0

50 9.5 8.5 6.5 5.5

10.4 9.4 50 6.0 5.0

10.8 9.8 6.0 5.0

11.2 10.2 6.2 5.2

12.7 11.7 6.5 5.5

2+00 13.5 12.5 6.0 5.0

14.1 13.1 4+00 9.0 8.0

14.3 13.3 11.8 10.8

13.5 12.5 2:10 10.8 9.8

2:05 13.0 12.0 10.0 9.0

50 12.0 11.0 9.8 8.8

11.0 10.0 50 9.6 8.6

(22)

Dist Sound Elev Dist Sound Elev

9.0 8.0 10.0 9.0

9.8 8.8 (1.0) 9.7 8.7

10.0 9.0 10.7 9.7

10.5 9.5 7+00 10.0 9.0

5+00 12.0 11.0 2:17

12.0 11.0

(1.0) 11.1 10.1

11.0 10.0

10.3 9.3

50 11.0 10.0

10.7 9.7

10.0 9.0

10.0 9.0

10.0 9.0

6+00 11.0 10.0

2:15 10.0 9.0

9.5 8.5

10.0 9.0

11.2 10.2

50 10.0 9.0

9.8 8.8

P.K.			STA 70+00 N 0+00 - 17,400W			Dist	Sound	Elev	Dist	Sound	Elev
Sound East											(23)
							8.0	6.8		7.5	6.3
Dist	Sound	Elev	Dist	Sound	Elev		8.0	6.8	(1.2)	7.2	6.0
0+90	1.0	+0.1		12.0	10.8		8.0	6.8	7+00	7.3	6.1
1+00	3.2	2.1		11.4	10.2	5+00	8.5	7.3	2:45		
2:25	5.3	4.2	3+00	10.7	9.5		8.3	7.1			
	6.8	5.7		10.2	9.0	2:40	9.2	8.0			
(1.1)	7.5	6.4		11.7	10.5		10.0	8.8			
	8.0	6.9	(1.2)	10.2	9.0	(1.2)	9.0	7.8			
50	9.1	8.0		11.0	9.8	50	8.0	6.8			
2:30	10.0	8.9	50	9.0	7.8		7.3	6.1			
	11.1	10.0	2:35	9.1	7.9		7.6	6.4			
	11.7	10.6		10.2	9.0		7.6	6.4			
	12.1	11.0		10.3	9.1		7.0	5.8			
2+00	13.0	11.9		10.1	8.9	6+00	8.0	6.8			
	13.0	11.9	4+00	10.8	9.6		9.2	8.0			
	12.2	11.1		11.0	9.8		10.5	9.3			
	12.0	10.9		9.2	8.0		8.3	7.1			
	11.5	10.4		10.2	9.0		8.0	6.8			
50	11.1	10.0		9.4	8.2	50	8.0	6.8			
	11.3	10.2	50	9.5	8.3		8.0	6.8			
	11.2	10.1		9.0	7.8		7.8	7.6			

P.L.

STA 71+00 N 0+00 = 17,400 W

Sound East

Dist Sound Elev Dist Sound Elev

0+80 1.3 0.0 11.0 9.7

2:55 4.6 3.3 11.2 9.9

1+00 6.4 5.1 11.0 9.7

7.5 6.2 3+00 10.5 9.2

(1.3) 8.8 7.5 10.1 8.8

9.0 7.7 (1.3) 12.0 10.7

10.5 9.2 11.0 9.7

50 11.4 10.1 10.0 7.7

12.0 10.7 50 9.0 7.7

12.0 10.7 10.0 8.7

12.2 10.9 10.2 8.9

3:00 12.2 10.9 11.0 9.7

2+00 12.0 10.9 11.0 9.7

13.0 11.7 4+00 11.0 9.7

12.5 11.2 7.5 6.2

12.0 10.7 8.0 6.7

12.0 10.7 8.0 6.7

50 12.6 11.3 9.0 7.7

12.0 10.7 50 9.6 8.3

Dist Sound Elev Dist Sound Elev

9.5 8.2 7.8 6.5

8.5 7.2 (1.3) 7.5 6.2

8.7 7.4 7.7 6.4

10.0 8.7 7+00 7.8 6.5

5+00 10.0 8.7 3.09

8.5 7.2

(1.3) 8.0 6.7

3:05 8.0 6.7

7.7 6.4

50 8.0 6.7

7.3 6.0

7.3 6.0

7.0 5.7

9.5 8.2

6+00 9.0 7.7

10.0 8.7

10.5 9.2

7.8 6.5

8.0 6.7

50 8.0 6.7

7.8 6.5

(24)

P.Y.

STA	72+00 N	0+0.0 = 17,400W	Dist	Sound	Elev
	Sound	East			
Dist	Sound	Elev	Dist	Sound	Elev
0+50	0.5	+1.1		12.0	10.3
3:25	2.0	0.4	50	11.4	9.7
	7.0	5.4	3:30	10.8	9.1
	8.5	6.9		10.0	8.3
	10.0	8.4	(1.7)	9.5	7.8
1+00	11.0	9.4		9.4	7.7
	11.3	9.7	3+00	8.5	6.8
(1.6)	11.4	9.8		9.5	7.8
	12.0	10.4		9.3	7.6
	13.0	11.4		9.7	8.0
50	12.0	10.4		9.1	7.4
	12.6	11.0	50	9.6	7.9
	12.3	10.7		8.5	6.8
	12.7	11.1		9.1	7.4
	13.0	11.4		8.0	6.3
2+00	13.0	11.4		8.3	6.6
	14.0	12.4	4+00	10.0	8.3
	13.0	11.4		9.0	7.3
	12.8	11.2		9.1	7.4

Dist	Sound	Elev	Dist	Sound	Elev
	8.0	6.3	-	7.4	5.7
	7.5	5.8	50	9.0	7.3
50	6.0	4.3		8.5	6.8
	8.0	6.3	(1.7)	9.0	7.3
	7.3	5.6		8.5	6.8
(1.7)	6.5	4.8		8.3	6.6
	5.2	3.5	7+00	8.0	6.3
5+00	6.0	4.3	3:40		
	7.5	5.8			
	7.0	5.3			
	7.0	5.3			
3:35	7.1	5.4			
50	9.3	7.6			
	10.0	8.3			
	11.0	9.3			
	10.0	8.3			
	8.3	6.6			
6+00	7.0	5.3			
	7.1	5.4			
	7.5	5.8			
	7.3	5.6			

(25)

P.X.

4-22-55

STA 73+00 N. 0+00 = 16,400 W

Sound West

Dist	Sound	Elev	Dist	Sound	Elev
0+00	2.1	+2.0	8+00	11.0	6.9
10:33	2.0	+2.1	2+00	10.5	6.4
	2.5	+1.6	0+00	10.5	6.4
	2.8	+1.3	8+00	10.5	6.4
	3.0	+1.1	2+00	10.5	6.4
50	3.5	+0.6	0+00	10.6	6.5
	4.2	0.1	50	11.0	6.9
(4.1)	5.3	1.2	10:40	11.0	6.9
	6.0	1.9	0+00	11.5	7.4
	6.8	2.7	(4.1)	11.5	7.4
1+00	7.5	3.4	0+00	11.5	7.4
10:35	8.5	4.4	3+00	11.5	7.4
	9.4	5.3	0+00	11.5	7.4
	10.0	5.9	0+00	11.5	7.4
	10.5	6.4	0+00	11.3	7.2
50	11.5	7.4	0+00	12.0	7.9
	11.5	7.4	50	12.5	8.4
	11.0	6.9	0+00	12.0	7.9
	11.0	6.7	0+00	12.0	7.9

(26)

Dist	Sound	Elev	Dist	Sound	Elev
	11.8	7.8		9.2	5.3
	11.2	7.2	6+00	11.0	7.1
4+00	11.0	7.0		12.0	8.1
	9.7	5.7	10:50	10.2	6.3
	10.0	6.0		8.4	4.5
(4.0)	12.0	8.0		6.3	2.4
	10.3	6.3	50	9.2	5.3
50	9.2	5.2		8.7	4.8
10:45	9.7	5.7	(3.9)	10.0	6.1
	9.5	5.5		10.0	6.1
	10.0	6.0		10.3	6.3
	10.0	6.0	7+00	10.7	6.6
5+00	9.5	5.5		10.2	6.2
	9.4	5.4		10.5	6.4
	10.0	6.0		10.5	6.4
	10.8	6.8		10.5	6.4
	10.0	6.0	50	10.7	6.6
50	9.5	5.5		11.8	7.9
	8.4	4.4		12.7	8.8
	9.7	5.7	10:55	13.0	8.1
	10.5	6.5		12.5	8.6

STA 73+00 N					
Dist	Sound	Elev	Dist	Sound	Elev
8+00	12.5	8.7		4.0	0.2
	14.0	10.2		3.3	+0.5
10:57	13.0	9.2		3.0	+0.8
	13.0	9.2		2.5	+1.3
	14.0	10.2	50		
50	16.0	12.2			
	15.2	11.4			
(3.8)	15.0	11.2			
	16.0	12.2			
	15.0	11.2			
9+00	15.2	11.4			
	14.8	11.0			
11:00	13.8	10.0			
	13.5	9.7			
	13.3	9.5			
50	13.4	9.6			
	13.0	9.2			
	12.5	8.7			
	12.0	8.2			
	10.8	7.0			
10+00	6.8	3.0			

PX 4-22-55 (27)					
STA 74+00 N 0+00 = 16,400 W					
Sound West					
Dist	Sound	Elev	Dist	Sound	Elev
1+00	0.0	+3.6		13.0	9.4
	1.0	+2.6	3+00	13.5	9.9
11:15	1.0	+2.6		13.5	9.9
	1.5	+2.1	11:20	13.3	9.7
(3.6)	1.8	+1.8		13.0	9.4
50	2.3	+1.3		12.5	8.9
	2.8	+0.8	50	12.0	8.4
	3.5	+0.1	(3.6)	12.0	8.4
	5.0	1.4		12.0	8.4
	6.5	2.9		12.0	8.4
2+00	8.3	4.7		11.2	7.6
	10.5	6.9	4+00	11.8	8.2
	12.5	8.9		11.8	8.2
	13.0	9.4		11.0	7.4
	13.0	9.4		10.2	6.6
50	13.2	9.6		11.2	7.6
	13.2	9.6	50	9.8	6.2
	13.0	9.4		10.0	6.4
	13.5	9.9		9.5	5.9

STA 74+00 N					
Dist	Sound	Elev	Dist	Sound	Elev
	10.0	6.5		10.0	6.6
	10.0	6.5	7+00	10.0	6.6
5+00	10.5	7.0		10.0	6.6
	9.0	5.5		10.5	6.9
	9.9	6.4		10.0	6.6
	9.7	6.2		9.8	6.4
	10.2	6.7	50	7.0	3.6
50	10.5	7.0	(3.4)	10.0	6.6
(3.5)	8.7	5.2		9.5	5.1
	7.2	3.7		7.5	4.1
	7.6	4.1	11:30	8.5	5.1
11:25	8.0	4.5	8+00	8.7	5.3
6+00	7.0	3.5		8.5	5.1
	8.1	4.6		10.0	6.6
	9.8	6.3		7.3	3.9
	9.0	5.5		8.0	4.6
	9.0	5.5	50	9.3	5.9
50	9.5	6.0		9.5	6.1
	10.7	7.2		10.5	7.1
	10.5	7.0		11.1	7.7
	10.7	7.2		11.5	8.1

4-22-55					
Dist	Sound	Elev	Dist	Sound	Elev
9+00	11.1	7.8		4.2	1.0
	12.7	9.4		4.0	0.8
	14.2	10.9		3.8	0.6
	15.0	11.7		3.8	0.6
	15.0	11.7	50	3.2	0.0
50	15.3	12.0	11:40	3.2	0.0
	15.4	12.1		2.5	+0.7
(3.3)	15.0	11.7	(3.2)	2.5	+0.7
	15.0	11.7		2.7	+0.5
11:35	15.3	12.0	12+00	2.8	+0.4
10+00	15.0	11.7		3.0	+0.2
	15.4	12.1		2.9	+0.3
	15.0	11.7		2.8	+0.4
	14.7	11.4		3.0	+0.2
	14.3	11.0	50	4.0	0.8
50	13.0	9.7		4.0	0.8
	12.0	8.7		4.5	1.3
	10.5	7.2		5.3	2.1
	8.0	4.7		6.0	2.8
	7.3	4.0	13+00	7.5	4.3
11+00	5.5	2.2		9.0	5.8

4-22-55

STA 74+00 N

Sound West

Dist	Sound	Elev	Dist	Sound	Elev
	10.0	6.8		12.0	8.9
11:45	11.0	7.8	11:50	12.0	8.9
	11.0	7.8		12.5	9.4
50	10.0	6.8		12.3	9.2
	10.0	6.8	50	13.2	10.1
	10.5	7.3		13.5	10.4
(3.2)	12.0	8.8	(3.1)	14.0	10.9
	12.0	8.8		13.7	10.6
14+00	12.5	9.3		13.2	10.1
	13.0	9.8	16+00	13.0	9.9
	12.5	9.3		13.0	9.9
	11.0	7.8		12.7	9.6
	11.0	7.8		12.0	8.9
50	10.5	7.3		11.3	8.2
	10.5	7.3	50	10.8	7.7
	10.0	6.8		10.7	7.6
	10.0	6.8		9.5	6.4
	10.3	7.1		8.3	5.2
15+00	11.0	7.8		6.0	2.9
			17+00	4.8	1.7

P.2.

STA 75+00 N 0+00 = 16,500 W

Sound West

Dist	Sound	Elev	Dist	Sound	Elev
1+00	6.5	+1.2		10.3	8.6
	1.0	+0.7	3+00	10.8	9.1
1:33	2.0	0.3	1:37	10.8	9.1
	4.0	2.3		11.0	8.3
(1.7)	5.3	3.6		11.0	8.3
50	7.0	5.3	(1.7)	10.3	8.6
	9.0	7.3	50	10.5	8.8
	10.4	8.7		9.3	7.6
	12.0	10.3		8.5	6.8
	12.7	11.0		7.8	6.1
2+00	13.5	11.8		7.9	6.2
	13.5	11.8	4+00	8.8	7.1
	13.3	11.6	1:40	8.0	6.3
	13.0	11.3		8.2	6.5
	12.6	10.9		7.5	5.8
50	11.5	9.8		7.3	5.6
	10.8	9.1	50	7.3	5.6
	10.4	8.7		6.3	4.6
	9.5	7.8		6.8	5.1

(29)

STA 75+00N					
DIST	Sound	Elev	DIST	Sound	Elev
	6.0	4.3		6.5	4.9
	6.0	4.3	7+00	6.0	4.4
5+00	5.7	4.0	1:47	5.3	3.7
	5.8	4.1		5.5	3.9
	6.0	4.3		5.8	4.2
	5.8	4.1		6.0	4.4
1:43	6.8	5.1	50	5.5	3.9
50	8.3	6.6		5.0	2.4
	6.8	5.1	(1.6)	4.8	3.2
	8.0	6.3		6.5	4.9
(1.7)	8.0	6.3		7.8	6.2
	6.1	4.4	8+00	7.8	6.2
6+00	10.4	8.7		7.5	5.9
	10.5	8.8		6.1	4.5
	10.0	8.3	1:50	5.0	3.4
	8.0	6.3		5.2	3.6
	7.7	6.0	50	7.0	5.4
50	8.0	6.3		7.0	5.4
	8.0	6.3		6.7	5.1
	7.3	5.6		6.3	4.7
	5.0	3.3		6.1	4.5

4-22-55 (30)					
DIST	Sound	Elev	DIST	Sound	Elev
9+00	6.0	4.4		7.5	6.0
	6.2	4.6		7.7	6.2
	6.5	4.9		7.5	6.0
	6.7	5.1		7.4	5.9
	6.8	5.2	50	8.0	6.5
50	8.0	5.4		8.2	6.7
	11.4	8.8		8.8	7.3
	12.0	10.4		10.5	9.0
(1.6)	12.7	11.1	(1.5)	11.5	10.0
	12.5	10.9	12+00	12.2	10.7
10+00	13.0	11.4		12.2	10.7
	12.0	10.4	2:00	11.8	10.3
155	11.5	9.9		11.3	9.8
	9.5	7.9		11.0	9.5
	9.1	7.5	50	11.0	9.5
50	9.0	7.4		11.1	9.6
	8.3	6.7		10.5	9.0
	8.0	6.4		10.0	8.5
	7.7	6.1		10.7	9.2
	7.3	5.7	13+00	11.3	9.8
11+00	7.2	5.6		11.7	10.2

STA 75+00 N					
Dist	Sound	Elev	Dist	Sound	Elev
	11.3	9.8		10.4	8.9
	11.0	9.5		10.5	9.0
	10.8	9.3	50	10.5	9.0
50	8.3	6.8		10.7	9.2
	8.0	6.5		10.7	9.2
	8.0	6.5		10.5	9.0
(1.5)	7.5	6.0		10.4	8.9
	8.0	6.5	16+00	10.0	8.5
14+00	8.0	6.5		9.5	8.0
	8.1	6.6	(1.5)	9.3	7.5
2:05	8.6	7.1		8.5	7.0
	9.5	8.0		8.3	6.8
	9.7	8.2	50	7.8	6.3
50	9.4	7.9		7.5	6.0
	9.4	7.9	2:10	7.5	6.0
	9.4	7.9		7.0	5.5
	9.5	8.0		5.5	4.0
	9.7	8.2	17+00	4.5	3.0
15+00	10.0	8.5		4.0	2.5
	10.5	9.0		3.7	2.2
	10.6	9.1			

P.X. 4-22-55 (31)					
STA 76+00 N 0+00 = 16,500 W					
Sound West					
Dist	Sound	Elev	Dist	Sound	Elev
1+40	0.3	+1.1		9.8	8.9
50	1.0	+0.4		9.0	7.6
	2.0	0.6	50	9.5	8.1
	3.5	2.1		7.8	6.4
2:28	5.0	2.6		7.0	5.6
	7.0	4.6		7.1	5.7
2+00	9.0	7.6		7.5	6.1
	11.0	9.6	4+00	8.0	6.6
(1.4)	11.8	10.4		8.2	6.8
	12.7	11.3		8.5	7.1
	12.6	11.2	(1.4)	8.0	6.6
50	12.8	11.4		7.5	6.1
	12.8	11.4	50	8.0	6.6
	12.1	10.7		8.5	7.1
2:30	11.0	9.6		8.0	6.6
	10.5	9.1	2:35	7.0	5.6
3+00	9.6	8.2		7.0	5.6
	9.2	7.8	5+00	6.5	5.1
	9.8	8.4		7.0	5.6

STA 76+00 N					
Dist	Sound	Elev	Dist.	Sound	Elev
	7.1	5.7		7.0	5.6
	7.1	5.7		7.1	5.7
	7.1	5.7	50	7.7	6.3
50	6.8	5.4	2:40	9.0	7.6
	6.0	4.6		9.5	8.1
	6.5	5.1		9.1	7.7
	7.0	5.6		8.5	7.1
	7.0	5.6	8+00	7.2	5.8
6+00	7.3	5.9		7.0	5.6
	7.0	5.6		7.3	5.9
(1.4)	6.1	4.7	(1.4)	7.2	5.8
	5.5	4.1		7.0	5.6
	6.1	4.7	50	7.5	6.1
50	7.5	6.1	2:45	7.2	5.8
	5.0	3.6		6.5	5.1
	5.0	3.6		6.5	5.1
	6.0	4.6		6.8	5.4
	6.0	4.6	9+00	7.0	5.6
7+00	6.0	4.6		7.0	5.6
	6.1	4.7		6.4	5.0
	5.5	4.1		6.2	4.8

4-22-55 (32)					
Dist	Sound	Elev	Dist	Sound	Elev
	6.4	5.0	50	9.5	8.1
50	7.0	5.6	2:52	9.0	7.6
2:48	7.0	5.6		8.7	7.3
	6.8	5.4		8.4	7.0
	6.5	5.1		9.0	7.6
	6.8	5.4	12+00	9.8	8.4
10+00	7.5	6.1		11.0	9.6
	8.0	6.6		12.0	10.6
	8.2	6.8	(1.4)	12.0	10.6
(1.4)	8.5	7.1		11.8	10.4
	8.5	7.1	50	11.8	10.4
50	8.6	7.2		11.5	10.1
	9.0	7.6		11.2	9.8
	9.2	7.8	2:54	11.0	9.6
	9.5	8.1		10.3	8.9
	9.5	8.1	13+00	10.0	8.6
11+00	10.0	8.6		10.0	8.6
	10.0	8.6		10.0	8.6
	10.0	8.6		10.3	8.9
	10.0	8.6		10.8	9.4
	10.0	8.6	50	11.0	9.6

STA 76+00 N.

P.T. 78+00 N. 4-25-55
STA 77+00 N. 0+00 = 16,600 W

checked 4-18-58 T.A.S.
Sound West

Dist	Sound	Elev	Dist	Sound	Elev
	11.0	9.6		9.5	8.1
	10.0	8.6	2:58	10.0	8.6
	9.8	8.4		10.2	8.8
2:55	9.0	7.6	16+00	10.3	8.9
14+00	9.5	8.1		10.2	8.8
	9.8	8.4		10.2	8.8
	10.0	8.6		9.7	8.3
(1.4)	10.1	8.7	(1.4)	9.5	8.1
	10.3	8.9	50	9.5	8.1
50	11.0	9.6		9.2	7.8
	11.0	9.6	3:00	9.3	7.9
	11.0	9.6		9.4	8.0
	10.5	9.1		9.5	8.1
	9.8	8.4	17+00	9.5	8.1
15+00	9.5	8.1		9.1	7.7
	9.5	8.1		8.0	6.6
	9.7	8.3		6.3	4.9
	10.0	8.6		5.2	3.8
	9.5	8.1	50	3.8	2.4
50	9.3	7.9			
	9.5	8.1			

Dist	Sound	Elev	Dist	Sound	Elev
0+60	0.2	+1.8	50	9.5	7.5
	0.8	+1.2		9.0	7.0
10:30	1.5	+0.5		8.0	6.0
	3.0	1.0		9.5	7.5
1+00	4.5	2.5		9.5	7.5
	5.3	3.3	3+00	8.5	6.5
(2.0)	6.8	4.8		10.3	8.3
	8.4	6.4	(2.0)	11.0	9.0
	9.0	7.0		10.3	8.3
50	8.0	6.0		9.0	7.0
	7.0	5.0	50	9.5	7.5
	7.0	5.0		8.5	6.5
	7.5	5.5		9.0	7.0
	7.8	5.8		8.5	6.5
2+00	8.0	6.0		9.0	7.0
	8.8	6.8	4+00	9.5	7.5
	9.0	7.0		9.5	7.5
	9.8	7.8		9.3	7.3
	10.5	8.5		9.0	7.0

STA 77+00 N					
Dist	Sound	Elev	Dist	Sound	Elev
	9.1	7.0	7-50	8.5	6.4
50	9.0	6.9		8.8	6.7
	9.5	7.4		9.2	7.1
10:35	9.2	7.1	(2.1)	9.8	7.7
	8.0	5.9		10.0	7.9
	8.2	6.1	7+00	10.3	8.2
5+00	7.5	5.4		10.5	8.4
	8.0	5.9		10.5	8.4
(2.1)	8.3	6.2		10.2	8.0
	8.5	6.4		10.0	7.8
	9.0	6.9	50	9.8	7.6
50	8.8	6.7		9.8	7.6
	8.3	6.2	(2.2)	10.0	7.8
	8.0	5.9		9.8	7.6
	8.8	6.7	10:40	9.8	7.6
	9.5	7.4	8+00	9.4	7.2
6+00	9.3	7.2		9.2	7.0
	9.2	7.1		9.5	7.3
	9.0	6.9		9.4	7.2
	8.5	6.4		9.3	7.1
	8.8	6.7	50	9.4	7.2

4-25-55 (39)					
Dist	Sound	Elev	Dist	Sound	Elev
	9.8	7.6		11.0	8.8
	9.8	7.6		11.2	9.0
	9.3	7.1		11.3	9.1
	9.8	7.6	11+00	11.3	9.1
9+00	9.7	7.5		11.2	9.0
	10.5	8.3		11.0	8.8
	10.3	8.1	(2.2)	10.8	8.6
(2.2)	9.8	7.6		10.7	8.5
	9.5	7.3	50	10.5	8.3
50	9.3	7.1		10.0	7.8
	8.5	6.3		9.8	7.6
	8.3	6.1		9.3	7.1
	8.3	6.1		9.2	7.0
	8.3	6.1	12+00	9.0	6.8
10+00	9.0	6.8	10:45	9.0	6.8
	9.5	7.3		9.0	6.8
	10.0	7.8		9.0	6.8
10:43	9.9	7.7		9.2	7.0
	9.8	7.6	50	9.2	7.0
50	10.2	8.0		9.0	6.8
	10.7	8.5		9.0	6.8

STA 77+00 N					
Dist	Sound	Elev	Dist	Sound	Elev
	10.0	7.7		8.0	5.7
	10.3	8.0	15+00	6.5	4.2
13+00	10.5	8.2	(2.3)	4.5	2.2
	10.8	8.5		4.5	2.2
10+47	11.0	8.7			
	11.0	8.7	10:50		
	11.2	8.9	50		
50	11.0	8.7			
	10.8	8.5			
(2.3)	10.3	8.0			
	10.1	7.8			
	10.3	8.0	16+00		
14+00	10.0	7.7			
	9.8	7.5			
	10.5	8.2			
	10.8	8.5			
	10.8	8.5			
50	10.7	8.4			
	10.5	8.2			
	10.0	7.7			
	9.0	6.7			

P.L. 79+00 N			(35)		
STA 78+00 N; 0+00 = 1.6, 550 W					
Sound West					
Dist	Sound	Elev	Dist	Sound	Elev
10+70	0.2	+2.3		7.0	4.5
	0.6	+1.9		7.0	4.5
11:00	1.3	+1.2	(2.5)	8.0	5.5
1+00	2.7	0.2		9.0	6.5
	4.1	1.6	3+00	11.0	8.5
(2.5)	5.0	2.5		11.2	8.7
	5.4	2.9		12.0	9.5
	5.8	3.3		11.5	9.0
50	6.1	3.6		10.0	7.5
	7.0	4.5	50	9.0	6.4
	7.5	5.0		9.0	6.4
	8.0	5.5		9.0	6.4
	8.8	6.3	(2.6)	9.4	6.8
2+00	9.0	6.5	11:08	9.0	6.4
	9.0	6.5	4+00	8.8	6.2
11:05	8.5	6.0		9.2	6.6
	8.5	6.0		9.1	6.5
	8.2	5.7		9.8	7.2
50	7.3	4.8		9.5	6.9

STA 78+00 N.					
Dist	Sound	Elev	Dist	Sound	Elev
50	9.7	7.1		9.3	6.6
	10.8	8.2		9.3	6.6
	11.4	8.8		9.3	6.6
	11.2	8.6		9.2	6.5
	10.5	7.9	7+00	9.2	6.5
5+00	11.0	8.4		9.0	6.3
	10.9	8.3		8.5	5.8
(2.6)	9.5	6.9	(2.7)	8.5	5.8
	8.8	6.2		8.3	5.6
	8.4	5.8	50	8.3	5.6
56	7.2	4.6		10.0	7.3
	8.8	6.2		11.1	8.4
	9.5	6.9		10.0	7.3
	8.4	5.8		8.0	5.3
	8.0	5.4	8+00	10.0	7.3
6+00	8.3	5.6	11/5	9.0	6.3
(2.7)	8.7	6.0		8.5	5.8
	8.7	6.0		8.3	5.6
11/13	9.2	6.5		8.3	5.6
	9.5	6.8	50	8.3	5.6
50	9.5	6.8		8.7	6.0

4-25-55 (36)					
Dist	Sound	Elev	Dist	Sound	Elev
	9.0	6.3		10.5	7.8
	9.0	6.3		10.7	8.0
	9.0	6.3	11+00	10.5	7.8
9+00	9.0	6.3		11.0	8.3
	9.5	6.8		11.0	8.3
	9.8	7.1	(2.7)	11.0	8.3
(2.7)	9.3	6.6		11.5	8.8
	9.0	6.3	50	11.4	8.7
50	8.0	5.3	11:20	11.2	8.5
11/17	8.0	5.3		11.2	8.5
	9.0	6.3		11.2	8.5
	10.2	7.5		11.0	8.3
	10.3	7.6	12+00	10.8	8.1
10+00	9.8	7.1		10.8	8.1
	10.0	7.3		11.1	8.4
	9.8	7.1		11.1	8.4
	9.0	6.3		11.0	8.3
	8.8	6.1	50	11.0	8.3
50	9.2	6.5		11.0	8.3
11/18	10.3	7.6		10.8	8.1
	10.8	8.1		10.8	8.1

STA 78+00 N ✓

Dist	Sound	Elev	Dist	Sound	Elev
	11.0	8.2	15+00	3.0	0.8
13+00	10.8	8.0			
	11.0	8.2			
	11.0	8.2			
11:23	11.0	8.2			
	11.0	8.2			
50	11.0	8.2			
	11.0	8.2			
(2.8)	10.7	7.9			
	10.7	7.9			
	10.5	7.7			
14+00	10.3	7.5			
	10.0	7.2			
	9.8	7.0			
	9.8	7.0			
11:25	9.8	7.0			
50	9.7	6.9			
	9.5	6.7			
	9.4	6.6			
	7.2	4.4			
	4.0	1.2			

Pt. 80+00 N

(37)

STA 79+00 N, 0+00 = 16, 550 W

Sound West

Dist	Sound	Elev	Dist	Sound	Elev
0+20	0.5	+3.0	10.2	6.6	
1240	1.2	+2.3	10.4	6.8	
	1.9	+1.6	10.5	6.9	
50	2.8	+0.7	12.1	8.5	
	3.4	+0.1	50	13.0	9.4
(3.5)	4.5	1.0	14.0	10.4	
	5.4	1.9	(3.6)	14.0	10.4
	5.8	2.3	13.0	9.4	
1+00	6.3	2.8	12.5	8.9	
	7.0	3.5	3+00	11.0	7.4
	7.8	4.3	11.7	8.1	
	7.8	4.2	11.0	7.4	
	8.0	4.4	10.6	7.0	
50	8.5	4.9	10.0	6.4	
	9.0	5.4	50	10.2	6.6
(3.6)	9.2	5.6	11.0	7.4	
12.45	9.2	5.6	11.0	7.4	
	9.2	5.6	12.48	10.0	6.4
2+00	10.0	6.4	9.8	6.2	

STA	75+00 N	Elev	Dist	Sound	Elev
4+00	11.2	7.6		9.5	5.9
	11.2	7.6		9.5	5.9
	10.5	6.9		9.5	5.9
	9.6	6.0		9.6	6.0
	9.7	6.1	50	10.0	6.4
50	10.5	6.9		9.8	6.2
	10.2	6.6		9.8	6.2
(3.6)	9.3	5.7	(3.6)	9.8	6.2
	9.5	5.9		10.0	6.4
	9.7	6.1	7+00	10.0	6.4
5+00	10.3	6.7		10.2	6.6
	9.7	6.1		10.3	6.7
	9.5	5.9		10.4	6.8
	10.0	6.4		10.2	6.6
	9.8	6.2	50	9.9	6.3
50	9.8	6.2		9.7	6.1
	9.0	5.4		9.6	6.0
12:50	9.2	5.6		9.3	5.7
	9.1	5.5	12:53	9.0	5.4
	9.6	6.0	8+00	9.2	5.6
6+00	9.8	6.2		9.2	5.6

4-25-55					
Dist	Sound	Elev	Dist	Sound	Elev
	9.2	5.6		10.2	6.6
	9.3	5.7		10.5	6.9
	9.8	6.2	50	10.4	6.8
50	9.8	6.2		10.4	6.8
	9.8	6.2		10.5	6.9
	10.0	6.4	(3.6)	10.5	6.9
(3.6)	10.1	6.5		10.5	6.9
	10.2	6.6	11+00	11.0	7.4
9+00	10.8	7.2		11.3	7.7
	11.0	7.4		11.8	8.2
	11.1	7.5		11.5	7.9
	11.1	7.5		11.5	7.9
12:55	11.0	7.4	50	12.0	8.4
50	10.5	6.9		12.4	8.8
	10.0	6.4		12.5	8.9
	10.2	6.6	12:58	12.0	8.4
	10.0	6.4		11.8	8.2
	10.2	6.6	12+00	12.7	9.1
10+00	10.1	6.5		12.5	8.9
	10.1	6.5		12.0	8.4
	10.1	6.5		11.8	8.2

STA 80+00N					
Dist	Sound	Elev	Dist	Sound	Elev
	11.7	8.1	50	3.1	+0.5
50	11.4	7.8		2.5	+1.1
	11.5	7.9			
	11.3	7.7			
	11.4	7.8			
11+00	11.3	7.7			
13+00	11.2	7.6			
	10.8	7.2			
	10.3	6.7			
(3.6)	10.2	6.6			
	9.8	6.2			
50	9.2	5.6			
	9.0	5.4			
	9.0	5.4			
	9.0	5.4			
	9.0	5.4			
14+00	9.0	5.4			
	8.8	5.2			
	8.3	4.7			
	7.5	3.9			
	5.3	1.7			

P.X. 81+00N 4-25-55 (39)					
STA 81+00N ; 0+00=16, 500W					
Sound West					
Dist	Sound	Elev	Dist	Sound	Elev
0+30	0.0	+3.7		10.5	6.8
1+13	1.0	+2.7		10.8	7.1
50	1.8	+1.9		10.8	7.1
	2.2	+1.5	50	10.8	7.1
(3.7)	4.0	0.3		10.7	7.0
	5.8	2.1	(3.7)	10.7	7.0
	6.5	2.8		10.8	7.1
1+00	7.0	3.3		10.5	6.8
	8.0	4.3	3+00	10.5	6.8
	8.0	4.3		10.5	6.8
	8.0	4.3		10.2	6.5
	8.0	4.3		10.3	6.6
50	8.2	4.5		12.0	8.3
	9.0	5.3	50	13.0	9.3
1+15	9.5	5.8		13.2	9.5
	9.5	5.8		13.0	9.3
	9.8	6.1		12.2	8.5
2+00	10.0	6.3		11.2	7.5
	10.3	6.6	4+00	10.8	7.1

Dist	Sound	Elev	Dist	Sound	Elev
	10.2	6.5		9.8	6.2
	10.0	6.3		10.0	6.4
1.20	10.1	6.4		10.2	6.6
=	10.2	6.5	50	10.2	6.6
50	10.1	6.4		10.0	6.4
	10.0	6.3		9.8	6.2
	10.0	6.3	(3.6)	9.5	5.9
(3.7)	10.0	6.3		9.3	5.7
	10.0	6.3	7+00	9.3	5.7
5+00	10.0	6.3	1.25	9.4	5.8
	10.0	6.3	=	9.3	5.7
	10.0	6.3		9.6	6.0
	9.8	6.1		9.8	6.2
	9.3	5.6	50	9.9	6.3
50	9.4	5.7		9.8	6.2
	9.2	5.5		9.5	5.9
1.23	9.0	5.3		9.8	6.2
=	9.0	5.3		10.0	6.4
	9.0	5.3	8+00	10.0	6.4
6+00	9.0	5.3		10.0	6.4
	9.3	5.6		9.8	6.2

Dist	Sound	Elev	Dist	Sound	Elev
	9.4	5.8		10.0	6.4
	9.5	5.9	50	10.0	6.4
50	9.7	6.1		10.5	6.9
	10.0	6.4		11.1	7.5
	9.8	6.2		11.0	7.4
(3.6)	9.8	6.2		10.5	6.9
	9.9	6.3	11+00	10.3	6.7
9+00	9.9	6.3		10.5	6.9
1.28	9.9	6.3	(3.6)	10.7	7.1
=	9.8	6.2		10.5	6.9
	10.0	6.4		10.6	7.0
	10.0	6.4	50	11.0	7.4
50	9.8	6.2		10.8	7.2
	9.9	6.3		11.0	7.4
	10.0	6.4		11.0	7.4
	10.0	6.4		11.3	7.7
	10.0	6.4	12+00	12.0	8.4
10+00	10.0	6.4		12.2	8.6
	10.0	6.4		12.8	9.2
	9.8	6.2		13.0	9.4
	9.9	6.3		13.0	9.4

~~STA 80+00 N~~
81+00 N

Dist	Sound	Elev	Dist	Sound	Elev
12+50	13.0	9.4		5.3	1.7
	12.8	9.2	14+70	3.1	+0.5
<u>1:33</u>	12.0	8.4	1:37		
	11.0	7.4			
	11.2	7.6	15+00		
13+00	11.8	8.2			
	11.8	8.2			
	11.3	7.7			
(3.6)	11.2	7.6			
	11.4	7.8			
50	11.5	7.9			
	11.5	7.9			
	11.0	7.4			
	10.5	6.9			
<u>1:35</u>	10.5	6.9			
14+00	10.0	6.4			
	10.0	6.4			
	9.8	6.2			
	9.7	6.1			
	8.8	5.2			
50	8.0	4.4			

QUIVERA-BASIN W. OF BRIDGE (41)

STA 22+00; 0+00 = N 5834.61 W 16,741.85
Sound N.W. @ 90° To B/L. (see F.B.M.B 86 Pg. 2)

Dist	Sound	Elev	Dist	Sound	Elev
0+90	0.0	+3.5		7.3	3.9
1+00	1.5	+2.0		7.0	3.6
<u>2:12</u>	3.0	+0.5	3+00	6.5	3.1
	6.0	2.5		6.3	2.9
(3.5)	9.0	5.5	(3.4)	6.0	2.6
	11.0	7.5	<u>2:15</u>	5.3	1.9
50	10.8	7.3		5.2	1.8
	10.3	6.8	50	5.0	1.6
	11.0	7.5		4.8	1.4
	10.8	7.3		4.8	1.4
	10.8	7.3		4.6	1.2
2+00	10.2	6.7		4.2	0.8
	10.3	6.8	4+00	4.2	0.8
	10.0	6.5		4.0	0.6
	10.0	6.5		4.0	0.6
	9.7	6.2		4.0	0.6
50	9.6	6.1		4.0	0.6
	8.8	5.3	50	3.8	0.4
	8.2	4.7		3.8	0.4

57A 22+00 @ 90° To B/L

Dist	Sound	Elev	Dist	Sound	Elev
	3.5	0.1		16.5	13.1
	3.5	0.1		17.5	14.1
	3.4	0.0	7+00	18.5	15.1
5+00	3.4	0.0		20.0	16.6
	3.4	0.0		20.5	17.1
	3.3	+0.1		21.7	18.3
	3.2	+0.2	(3.4)	21.5	18.1
	3.1	+0.3	50	21.0	17.6
50	3.2	+0.2		21.7	18.3
	3.2	+0.2	2:25	22.7	19.3
(3.4)	3.1	+0.3		22.3	18.9
	3.1	+0.3		22.1	18.7
	3.4	0.0	8+00	22.2	18.8
6+00	4.3	0.9		22.4	19.0
2:20	6.3	2.9		22.4	19.0
	7.1	3.7		22.3	18.9
	8.1	4.7		22.0	18.6
	10.0	6.6	50	21.8	18.4
50	12.0	8.6		21.0	17.6
	14.0	10.6		20.5	17.1
	15.8	12.4		19.0	15.6

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Dist	Sound	Elev
	18.2	14.9
9+00	17.3	14.0
	16.8	13.5
	16.8	13.5
	16.3	13.0
	16.0	12.7
50	15.4	12.1
	14.5	11.2
(3.3)	14.0	10.7
	13.0	9.7
	12.8	9.5
10+00	10.3	7.0
	9.3	6.0
	7.2	3.9
2:30	5.5	2.2
40	3.0	+0.3

P.X.

A-25-55

(43)

STA 21+00; 0+00 = B/L. N.B. FB N°86 Dist Sound Elev Dist Sound Elev

Sound N.W. @ 90° To B/L.

Dist	Sound	Elev	Dist	Sound	Elev	Dist	Sound	Elev
	3.5	0.3		7.2	4.0			
	3.7	0.5		8.0	4.8			
0+90	2.0	+1.2		6.4	3.2		7+00	8.5 5.3
1+00	4.0	0.8		5.2	2.0	5+00	3.5	0.3 10.0 6.8
<u>2:38</u>	5.5	2.3	3+00	5.0	1.8		3.4	0.2 11.0 7.8
	5.8	2.6		4.8	1.6		3.7	0.5 14.0 10.8
(3.2)	7.0	3.8		4.8	1.6		3.7	0.5 16.0 12.8
	7.8	4.6	2:40	4.8	1.6	2:45	3.6	0.4 50 18.3 15.1
50	6.5	3.3		4.6	1.4	50	3.4	0.2 19.0 15.8
	6.5	3.3	50	4.8	1.6	(3.2)	3.5	0.3 19.3 16.1
	6.6	3.4		4.0	0.8		3.5	0.3 (3.2) 20.2 17.0
	7.4	4.2	(3.2)	4.0	0.8		3.7	0.5 20.3 17.1
<u>2:40</u>	8.0	4.8		4.3	1.1		4.0	0.8 8+00 20.8 17.6
2+00	6.8	3.6		4.2	1.0	6+00	4.4	1.2 20.8 17.6
	7.5	4.3	4+00	4.0	0.8		5.0	1.8 20.3 17.1
	7.0	3.8		3.8	0.6		5.0	1.8 20.3 17.1
	7.1	3.9		3.8	0.6		5.4	2.2 2:50 20.4 17.2
	6.0	2.8		3.8	0.6		5.5	2.3 50 20.0 16.8
50	5.5	2.3		3.5	0.3	50	6.0	2.8 20.0 16.8
	5.8	2.6	50	3.7	0.5		6.5	3.3 20.0 16.8
	6.5	3.3		3.5	0.3		7.1	3.9 20.0 16.8

STA 21+00					
Dist	Sound	Elev	Dist	Sound	Elev
	19.4	16.3			
9+00	19.0	15.9			
	19.0	15.9			
	18.5	15.4			
	18.1	15.0			
	18.0	14.9			
50	15.9	12.8			
	14.3	11.2			
(3.1)	12.8	9.7			
	13.0	9.9			
	12.5	9.4			
10+00	11.5	8.4			
	10.5	7.4			
	11.5	8.4			
2:55	10.0	6.9			
<u>2</u>	9.5	6.4			
50	8.8	5.7			
	8.8	5.7			
	6.0	2.9			
10+80	3.0	+0.1			

4-25-55					
STA 20+00; 0+00 = B/L. See MB. FBN#86					
Sound N.W. @ 90° To B/L.					
Dist	Sound	Elev	Dist	Sound	Elev
0+70	0.0	+3.1		5.4	2.3
3:00	1.8	+1.3		4.7	1.6
<u>2</u>	3.7	0.6		4.3	1.2
1+00	5.5	2.4		4.2	1.1
	6.0	2.9	3+00	4.0	0.9
(3.1)	5.8	2.7	3:05	4.6	1.5
	6.7	3.6	<u>2</u>	4.2	1.1
	6.0	2.9	(3.1)	4.2	1.1
50	5.8	2.7		4.2	1.1
	5.4	2.3	50	3.9	0.8
	5.3	2.2		4.2	1.1
	5.0	1.9		4.2	1.1
	4.8	1.7		4.3	1.2
2+00	4.6	1.5		4.3	1.2
	5.0	1.9	4+00	4.0	0.9
	5.5	2.4		4.0	0.9
	5.2	2.1		3.9	0.8
	5.5	2.4		4.0	0.9
50	5.0	1.9		4.0	0.9

STA 20+00

Dist	Sound	Elev	Dist	Sound	Elev
	4.2	1.2		7.5	4.5
	4.3	1.3		8.3	5.3
	4.5	1.5		9.0	6.0
	5.0	2.0		10.0	7.0
	4.5	1.5	7+00	10.5	7.5
5+00	5.0	2.0		10.6	7.6
	4.8	1.8		10.3	7.3
	4.8	1.8		10.2	7.2
(3.0)	5.3	2.3	(3.0)	11.0	8.0
	5.5	2.5	50	12.0	9.0
50	5.7	2.7		12.7	9.7
	5.5	2.5		13.4	10.4
	6.0	3.0		14.5	11.5
	6.0	3.0		15.7	12.7
	6.3	3.3	8+00	17.3	14.3
6+00	6.6	3.6		17.0	14.0
	7.1	4.1		17.8	14.8
	7.4	4.4		17.8	14.8
	7.0	4.0		17.4	14.4
3+00	7.0	4.0	50	17.9	14.9
50	7.3	4.3		17.7	14.7

Dist	Sound	Elev	Dist	Sound	Elev
	18.0	15.0		11.8	8.8
	17.6	14.6		11.4	8.4
	18.1	15.1	11+00	12.0	9.0
9+00	17.5	14.5		11.5	8.5
	17.4	14.4	(3.0)	11.3	8.3
	17.2	14.2		11.0	8.0
(3.0)	16.4	13.4	3+00	9.6	6.6
	16.3	13.3	50	7.6	4.6
50	16.2	13.2		5.8	2.8
3+00	16.0	13.0	11+00	3.0	0.0
=	15.4	12.4			
	15.2	12.2			
	14.8	11.8			
10+00	14.8	11.8			
	13.6	10.6			
	13.0	10.0			
	12.8	9.8			
	11.3	8.3			
50	11.5	8.5			
	11.7	8.7			
	12.7	9.7			

P.X.

STA 2+00; 0+00=200' NWLY OF B/L STA

2+00 SOUND NELLY (see MBFBN #86)

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00	7.2	4.4		13.5	10.7
12:53	6.5	3.7	2+00	14.2	11.4
	8.0	5.2		14.3	11.5
(28)	7.5	4.7	12:57	14.1	11.3
	7.5	4.7		13.7	10.9
50	8.5	5.7	(28)	13.1	10.3
	8.3	5.5	50	10.5	7.7
	8.2	5.4		10.3	7.5
	8.0	5.2		10.2	7.4
	9.0	6.2	1:00	10.2	7.4
1+00	9.0	6.2		10.0	7.2
	9.4	6.6	3+00	9.7	6.9
	9.6	6.8			
	9.8	7.0			
	10.0	7.2			
50	10.4	7.6			
	11.3	8.5			
	11.0	8.2			
	11.5	8.7			

P.X.

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(46)

STA 3+00; 0+00=300' NWLY OF B/L STA

2+00 SOUND NELLY

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00	5.0	2.1		8.8	5.9
	5.0	2.1	2+00	11.0	8.1
1:05	5.0	2.1		13.2	10.3
	5.0	2.1	(29)	13.3	10.4
(29)	5.4	2.5		13.3	10.4
50	5.5	2.6	1:10	12.8	9.9
	5.3	2.4	50	11.8	8.9
	5.7	2.8		10.1	7.2
	5.7	2.8		8.5	5.6
	5.9	3.0		7.5	4.6
1+00	6.0	3.1		7.1	4.2
	6.0	3.1	3+00	7.7	4.8
	6.2	3.3			
	6.1	3.2			
	6.5	3.6			
50	6.6	3.7			
	7.0	4.1			
	7.4	4.5			
	7.9	5.0			

P.K.

STA 4+00; 0+00 = 400' NWLY OF B/L

STA 21+00 SOUND NELY

Dist Sound Elev Dist Sound Elev

0+00 4.0 1.0 4.7 1.7

4.7 1.7 2+00 6.0 3.0

1115 4.0 1.0 1120 8.1 5.1

3.8 0.8 9.2 6.2

(3.0) 3.8 0.8 (3.0) 10.0 7.0

50 3.9 0.9 9.8 6.8

4.0 1.0 50 10.3 7.3

3.9 0.9 9.5 6.5

4.0 1.0 8.5 5.1

4.0 1.0 9.5 7.0 4.0

1+00 3.9 0.9 6.5 3.5

4.0 1.0 3+00 6.5 3.5

4.0 1.0

4.0 1.0

4.1 1.0

50 4.1 1.1

4.5 1.5

4.1 1.1

4.2 1.2

P.L.

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(47)

STA 5+00; 0+00 = 500' NWLY OF B/L STA

21+00 SOUND NELY

Dist Sound Elev Dist Sound Elev

0+00 3.5 0.4 3.0 +0.1

125 3.5 0.4 2+00 3.0 +0.1

3.5 0.4 5.0 1.9

(3.1) 3.5 0.4 (3.1) 6.0 2.9

3.3 0.2 7.0 3.9

50 3.1 0.0 7.3 4.2

3.2 0.1 50 8.0 4.9

3.2 0.1 9.0 5.9

3.5 0.4 8.5 5.4

3.2 0.1 7.5 4.4

1+00 3.4 0.3 1:30 7.5 4.4

3.2 0.1 3+00 8.3 5.2

3.2 0.1

3.2 0.1

3.2 0.1

50 3.2 0.1

3.1 0.0

3.0 +0.1

3.0 +0.1

PX

STA 6+00; 0+00=600' NWLY OF B/L

STA 2+00 SOUND NELY

Dist	Sound		Dist	Sound	
0+00	4.5	1.3		11.8	8.6
<u>1:33</u>	4.0	0.8	2+00	13.0	9.8
	4.0	0.8		14.5	11.3
	4.0	0.8		16.1	12.9
(3.2)	4.0	0.8	(3.2)	16.0	12.8
50	4.0	0.8		16.2	13.0
	3.8	0.6	50	17.2	14.0
3	4.0	0.8		16.5	13.3
	4.0	0.8		16.5	13.3
	4.0	0.8		15.5	12.3
1+00	4.0	0.8		14.0	10.8
<u>1:37</u>	3.9	0.7	3+00	12.5	9.3
	4.0	0.8		15.0	11.8
	3.8	0.6	1:47	15.0	11.8
	4.0	0.8		14.5	11.3
50	5.0	1.8			
	8.0	4.8			
	9.1	5.9			
10.3	7.1				

PX

4-26-55

(48)

STA 7+00; 0+00=700' NWLY OF B/L

STA 2+00 SOUND NELY

Dist	Sound		Dist	Sound	
0+00	7.5	4.3		21.0	17.8
	8.0	4.8	2+00	21.9	18.7
<u>1:45</u>	8.5	5.3		22.7	19.5
	9.3	6.1	(3.2)	24.0	20.8
(3.2)	9.7	6.5		25.2	22.0
50	11.2	8.0	1:50	26.6	23.4
	12.5	9.3	50	26.8	23.6
	15.0	11.8		26.9	23.7
	17.0	13.8		26.9	23.7
	17.8	14.6		26.2	23.0
1+00	17.0	13.8		25.5	22.3
	17.5	14.3	3+00	25.3	22.1
	18.0	14.8		24.5	21.3
	18.0	14.8	1:53	23.2	20.0
	18.1	14.9		23.4	20.2
50	18.2	15.0		24.4	21.2
	18.7	15.3	50	21.5	18.3
	20.2	17.0			
	20.8	17.6			

STA 19+00; 0+00 = B/L STA
 @ 90° TO B/L.
 Sound N.W. See MB FB N^o 86

Dist	Sound	Elev	Dist	Sound	Elev
0+40	0.0	+3.4		4.9	1.5
50	2.5	+0.9		4.5	1.1
<u>2:07</u>	4.5	1.1	50	5.1	1.7
	4.5	1.1		5.0	1.6
	5.0	1.6	(3.4)	4.8	1.4
	5.2	1.8		4.9	1.5
1+00	4.8	1.4		5.2	1.8
	4.8	1.4	3+00	6.0	2.6
(3.4)	5.0	1.6		5.5	2.1
	5.0	1.6		6.1	2.7
	5.1	1.7		6.0	2.6
50	4.8	1.4		6.4	3.0
	4.8	1.4	50	6.0	2.6
2:10	5.3	1.9		6.0	2.6
	4.9	1.5		6.7	3.3
	5.0	1.6		6.2	2.8
2+00	4.9	1.5		6.1	2.7
	4.8	1.4	4+00	6.1	2.7
	4.8	1.4		6.0	2.6

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Dist	Sound	Elev	Dist	Sound	Elev
	6.5	3.1		10.5	7.1
<u>2:15</u>	6.5	3.1		11.8	8.4
	6.2	2.8	50	12.5	9.1
50	6.3	2.9		13.0	9.6
	6.6	3.2	2:20	13.2	9.8
	6.5	3.1	(3.4)	13.2	9.8
(3.4)	6.4	3.0		13.3	9.9
	6.8	3.4	7+00	13.3	9.9
5+00	6.9	3.5		12.5	9.1
	6.8	3.4		11.4	8.0
	7.0	3.6		11.8	8.4
	6.8	3.4		11.8	8.4
	7.1	3.7	50	12.1	8.7
50	7.8	4.4		12.8	9.4
	7.5	4.1		13.2	9.8
	8.6	5.2		13.5	10.1
	7.8	4.4		13.7	10.3
	8.3	4.9	8+00	14.2	10.8
6+00	9.1	5.7		14.8	11.4
	9.5	6.1		14.8	11.4
	9.4	6.0		15.0	11.6

STA 18+00; 0+00 = B/L. See MB.F.b. N^o 86

Sound NWLY @ 90° To B/L. For Tan

Dist Sound Elev Dist Sound Elev

0+20 0.0 +3.4 7.0 3.6

2:32 2.0 +1.4 7.3 3.9

3.5 0.1 8.0 4.6

50 4.0 0.6 (34) 7.5 4.1

3.8 0.4 50 7.8 4.4

3.8 0.4 7.7 4.3

(3.4) 4.2 0.8 7.9 4.5

4.2 0.8 7.8 4.4

1+00 4.2 0.8 7.4 4.0

4.7 1.3 3+00 7.4 4.0

4.2 0.8 7.3 3.9

4.4 1.0 7.0 3.6

5.5 1.1 7.5 4.1

50 5.3 1.9 7.5 4.1

5.7 2.3 50 7.3 3.9

6.0 2.6 7.4 4.0

2:35 6.6 3.2 7.3 3.9

7.0 3.6 7.0 3.6

2+00 7.0 3.6 7.5 4.1

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(50)

Dist Sound Elev Dist Sound Elev

4+00 7.0 3.4 12.5 9.1

2:40 7.3 3.9 12.6 9.2

7.3 3.9 2:45 12.8 9.4

7.5 4.1 12.7 9.3

7.0 3.6 .50 12.8 9.4

50 7.7 4.3 13.3 9.9

7.1 3.7 13.1 9.7

7.4 4.0 (34) 13.0 9.6

(34) 8.0 4.6 12.4 9.0

8.3 4.9 7+00 11.8 8.4

5+00 8.2 4.8 10.5 7.1

7.5 4.1 10.4 7.0

9.0 5.6 10.6 7.2

11.0 7.6 10.7 7.3

12.0 8.6 50 10.8 7.4

50 12.0 8.6

11.8 8.4

12.8 9.4

13.0 9.6

12.3 8.9 8+00

6+00 12.5 9.1

P.X.
 STA 18+00; 0+00 = B/L See M.B.
 FB No 86 Sound SWLY @ 90° To back Tail

	Dist	Sound		Dist	Sound
	0+30	0.5 +2.9		7.1	3.7
	<u>2:52</u>	2.1 +1.3		7.1	3.7
	50	3.1 +0.3		7.5	4.1
		3.0 +0.4	50	7.9	4.5
		3.5 0.1		8.0	4.6
	<u>3.4</u>	3.3 +0.1		7.8	4.4
		4.0 0.6	<u>3.4</u>	8.2	4.8
	1+00	4.5 1.1		8.5	5.1
		5.5 2.1	3+00	8.6	5.2
		6.0 2.6		8.7	5.3
		6.6 3.2		9.4	6.0
	<u>2:53</u>	7.0 3.6		10.1	6.7
	50	7.4 4.0		10.0	6.6
		7.5 4.1	50	9.6	6.2
		7.8 4.4		9.8	6.4
		8.5 5.1		9.7	6.3
		8.5 5.1	<u>3:00</u>	9.5	6.1
	2+00	8.8 5.4		9.2	5.8
		8.0 4.6	4+00	9.2	5.8

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	Dist	Sound	Elev	Dist	Sound	Elev
		8.7	5.4		10.3	7.0
		8.1	4.8		10.6	7.3
		8.9	5.6		11.0	7.7
		8.5	5.2	50	10.5	7.2
	50	10.0	6.7	<u>3.3</u>	8.6	5.3
		10.5	7.2		8.2	4.9
		10.2	6.9		7.8	4.5
	<u>3.3</u>	11.0	7.7		7.7	4.4
		11.3	8.0	7+00	7.0	3.7
	5+00	11.1	7.8			
		11.0	7.7			
		11.0	7.7			
		11.5	8.2			
		11.1	7.8	50		
	50	10.4	7.1			
		10.3	7.0			
	<u>3:05</u>	10.5	7.2			
		10.7	7.4			
		10.5	7.2			
	6+00	10.3	7.0			
		10.2	6.9			

P.X.

STA 19+00; 0+00 = B/L (See MB FRN 286)

Sound SWLY @ 45° To B/L

Dist Sound Elev Dist Sound Elev

0+70 0.2 0.3 4.3 4.4

0.8 0.9 4.3 4.4

(-0.1) 1.0 1.1 4.3 4.4

1+00 1.0 1.1 4.6 4.7

0.8 0.9 3+00 5.0 5.1

8.48 1.0 1.1 4.7 4.8

1.0 1.1 4.2 4.3

1.0 1.0 (-0.1) 4.0 4.1

50 1.0 1.0 4.3 4.4

0.8 0.9 50 4.5 4.6

0.8 0.9 4.8 4.9

0.8 0.9 5.0 5.1

0.6 0.7 4.7 4.8

2+00 1.5 1.6 5.0 5.1

2.0 2.1 4+00 5.1 5.2

3.0 3.1 5.0 5.1

8.52 3.4 3.5 5.0 5.1

4.2 4.3 5.0 5.1

50 4.0 4.1 5.5 5.6

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Dist Sound Elev Dist Sound Elev

50 5.5 5.6 7.1 7.3

5.2 5.3 7.3 7.5

5.0 5.1 7.5 7.7

5.0 5.1 7.4 7.6

5.0 5.1 7+00 7.3 7.5

5+00 4.8 4.9 7.2 7.4

4.4 4.5 7.2 7.4

5.1 5.2 (-0.2) 7.1 7.3

(-0.1) 6.0 6.1 7.1 7.3

8.56 7.0 7.1 50 6.3 6.5

50 7.2 7.3 5.0 5.2

8.0 8.1 9.00 3.3 3.5

8.0 8.1 3.0 3.2

7.7 7.8 3.1 3.3

7.8 7.9 8+00 3.0 3.2

6+00 8.2 8.3

8.2 8.3

7.0 7.1

7.5 7.6

8.0 8.1

50 6.8 6.7

P.X.

STA 20+00:0+00 = B/L (See M.B.F.B. N° 86)

Sound SWLY @ 45° To B/L

Dist Sound Elev Dist Sound Elev

1+00 0.0 0.2 1.5 1.7

1.7 1.9 3+00 1.3 1.5

9:07 1.6 1.8 2.2 2.4

2.3 2.5 2.5 2.7

2.1 2.3 2.8 3.0

50 2.0 2.2 9:11 3.5 3.7-0.2 2.0 2.2 50 3.4 3.6

1.9 2.1 4.0 4.2

1.9 2.1 -0.2 4.5 4.7

1.4 1.6 4.3 4.5

2+00 1.5 1.7 4.0 4.2

1.3 1.5 4+00 4.0 4.2

1.3 1.5 4.0 4.2

1.2 1.4 4.0 4.2

1.1 1.3 4.0 4.2

50 1.3 1.5 4.0 4.2

1.0 1.2 50 4.2 4.4

1.1 1.3 3.9 4.1

1.1 1.3 4.2 4.4

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(53)

Dist Sound Elev Dist Sound Elev

4.0 4.2 8.4 8.6

4.1 4.3 7+00 8.1 8.3

4.2 4.4 7.5 7.7

4.2 4.4 7.7 7.9

4.2 4.4 7.5 7.6

4.4 4.6 7.5 7.6

4.4 4.6 50 7.4 7.5

50 4.2 4.4 8.0 8.1

4.6 4.7 -0.1 8.8 8.9-0.2 3.9 4.1 8.3 8.4

5.0 5.2 8.2 8.3

5.1 5.3 8+00 7.9 8.0

6+00 5.9 6.1 6.5 6.6

6.1 6.3 9:20 6.0 6.1

6.5 6.7 5.3 5.4

7.2 7.4 4.9 5.0

8.6 8.8 50 4.8 4.9

50 7.5 7.7 4.8 4.9

8.0 8.2 4.8 4.9

7.8 8.0 4.3 4.4

8.0 8.2 3.3 3.4

P.X.

STA 21+00; 0+00 = B/L. (See MBFBN# 86)

Sound SWLY @ 45° TO B/L.

Dist	Sound	Elev	Dist	Sound	Elev
1+10	0.0	+2.9	3+00	4.7	1.8
	1.5	+1.4		4.8	1.9
<u>2:02</u>	5.0	2.1		5.0	2.1
	5.2	2.3		4.9	2.0
50	6.5	3.6		4.7	1.8
	6.0	3.1	50	5.0	2.1
(2.9)	7.0	4.1		4.5	1.6
	6.3	3.4	(2.9)	4.6	1.7
	6.5	3.6		4.9	2.0
2+00	6.1	3.2		4.4	1.5
	5.9	3.0	4+00	4.8	1.9
	5.5	2.6		5.8	2.9
	5.4	2.5		5.5	2.6
	5.5	2.6		6.3	3.4
50	5.0	2.1		6.2	3.3
<u>2:05</u>	5.3	2.4	50	6.2	3.3
	4.9	2.0		6.8	3.9
	4.8	1.9		6.8	3.9
	4.7	1.8		6.8	3.9

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Dist	Sound	Elev	Dist	Sound	Elev
	6.3	3.3	7+00	9.5	6.3
5+00	6.8	3.8		10.5	7.5
	6.7	3.7		11.2	8.2
	6.8	3.8	(3.0)	11.5	8.5
(3.0)	6.9	3.9		11.7	8.7
	6.7	3.7	50	11.6	8.6
50	6.2	3.2		11.5	8.5
<u>2:10</u>	7.0	4.0		11.0	8.0
	7.2	4.2		10.9	7.9
	6.9	3.9		11.3	8.3
	7.0	4.0	8+00	11.8	8.8
6+00	7.1	4.1		11.5	8.5
	7.3	4.3		11.1	8.1
	7.1	4.1	2:15	11.1	8.1
	7.1	4.1		11.2	8.2
	7.1	4.1	50	11.2	8.2
50	7.6	4.6		11.8	8.8
	8.1	5.1		11.0	8.0
	8.1	5.1		10.0	7.0
	9.0	6.0		9.8	6.8
	8.2	5.2	9+00	9.0	6.0
				9.0	6.0
				8.5	5.5

P.X.

STA 22+00; 0+00 = B/L (see MBFB No 86)

Sound SWLY @ 45° To B/L

Dist Sound Elev Dist Sound Elev

1+30 1.5 +1.6 5.8 2.7

2.20 2.7 +0.4 5.5 2.4

50 4.5 1.4 5.3 2.2

5.4 2.3 50 5.4 2.3

6.0 2.9 2:25 5.0 1.9

(3.1) 6.5 3.4 5.2 2.1

7.0 3.9 (3.1) 5.0 1.9

2+00 7.5 4.4 5.2 2.1

6.8 3.7 4+00 5.0 1.9

6.8 3.7 4.8 1.7

7.4 4.3 4.5 1.4

7.1 4.0 4.8 1.7

50 6.8 3.7 4.5 1.4

6.5 3.4 50 4.5 1.4

7.0 3.9 4.5 1.4

6.5 3.4 4.8 1.7

6.2 3.1 4.8 1.7

3+00 5.5 2.4 4.8 1.7

5.8 2.7 5+00 4.8 1.7

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(55)

Dist Sound Elev Dist Sound Elev

5.0 1.9 2:30 7.3 4.1

4.9 1.8 7.1 3.9

5.4 2.4 6.8 3.6

5.1 2.0 50 7.2 4.0

50 6.0 2.9 8.8 5.6

5.8 2.7 10.5 7.3

(3.1) 6.0 2.9 (3.2) 11.8 8.6

6.0 2.9 12.0 8.8

5.8 2.7 8+00 11.5 8.3

6+00 6.2 3.1 12.9 9.7

6.4 3.3 12.5 9.3

6.3 3.1 12.5 9.3

6.0 2.8 12.5 9.3

(3.2) 6.5 3.3 50 12.1 8.9

50 6.1 2.9 12.0 8.8

6.8 3.6 11.4 8.1

6.8 3.6 12.0 9.8

7.0 3.8 12.5 9.3

7.0 3.8 9+00 12.5 9.3

7.3 4.1 12.8 9.6

7+00 7.3 4.1 12.2 9.0

7.1 3.9 9.5 6.3

9.2 6.0

8.8 5.6

8.8 5.6

STA 23+00; 0+00 = 282.84 NW. OF B/L STA

21+00 Sound SWLY @ 45° to B/L

Dist Sound Dist Sound

0+00 5.0 4.1

5.1 2+00 4.0

2:28 5.1 4.0

5.0 4.5

4.9 4.8

50 4.8 4.8

4.5 50 4.9

4.5 5.5

4.5 6.0

4.5 5.5

1+00 4.3 6.0

2:30 4.5 3+00 6.5

4.2 6.0

4.2 6.7

4.0 5.9

50 4.1 6.0

4.2 50 6.2

4.4 6.2

4.0 6.2

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Dist Sound Dist Sound

6.1 10.1

6.1 6+00 11.0

4+00 6.2 12.0

7.0 12.0

2:35 6.5 11.3

7.0 10.8

6.9 10.7

50 7.2 E 11.0

7.0 11.0

6.9 10.9

6.5 10.5

7.0 7+00 10.2

5+00 7.1 10.0

7.0 2:40 10.9

7.3 10.8

8.0 11.0

7.3 50 10.5

50 8.2 10.3

9.0 10.4

8.6 10.4

10.0 10.5

8+00 10.5

WOLF
HOLE
IN
THE
ROAD

PLC

PX.

STA 24+00; 0+00 = 424.26 NW OF
B/L STA 21+00 SOUND SWLY

Dist	Sound	Dist	Sound
0+00	4.2 0.7	6.3 2.8	
3:15	4.5 1.0	2+00 6.6 3.1	
	4.2 0.7	6.9 3.4	
(3.5)	4.2 0.7	7.0 3.5	
	4.2 0.7	(3.5) 7.2 3.7	
50	4.2 0.7	7.8 4.3	
	4.1 0.6	50 7.7 4.2	
	4.1 0.6	3:20 7.5 4.0	
	4.1 0.6	7.5 4.0	
	4.1 0.6	7.0 3.5	
1+00	4.1 0.6	6.3 2.8	
	4.0 0.5	3+00 7.0 3.5	
	4.0 0.5	7.3 3.8	
	4.5 1.0	8.0 4.5	
	5.1 1.6	9.6 6.1	
50	5.0 1.5	10.1 6.6	
	5.2 1.7	50 11.1 7.6	
	5.8 2.3	11.2 7.7	
	6.0 2.5	11.8 8.3	

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Dist	Sound	Dist	Sound
	11.5 7.9	13.5 9.9	
	11.5 7.9	6+00 13.2 9.6	
4+00	11.5 7.9		
	11.5 7.9		
	11.5 7.9		
	11.4 7.8		
(3.6)	11.8 8.2		
50	11.7 8.1		
	11.9 8.3		
	12.0 8.4		
	12.2 8.6		
	12.5 8.9		
5+00	14.2 10.6		
	14.3 10.7		
	14.4 10.8		
	14.2 10.6		
3:25	14.0 10.4		
50	14.2 10.6		
	14.0 10.4		
	14.0 10.4		
	13.7 10.1		

PX

STA 25+00; 0+00 = 565.68' N.W. OF
B/L STA 21+00; Sound SWLY

	Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.5	0.4		11.0	7.8	
2+48	3.7	0.6	2+00	10.6	7.4	
	4.0	0.9		10.6	7.4	
<u>2+55</u>	4.7	1.6	(3.2)	11.1	7.9	
	4.6	1.5		11.0	7.8	
50	5.5	2.4		11.0	7.8	
(3.1)	5.5	2.4	50	12.0	8.8	
	6.0	3.9		12.8	9.6	
	6.2	3.1	<u>3:00</u>	13.3	10.1	
	6.7	3.6		14.1	10.9	
1+00	7.0	3.9		14.5	11.3	
	7.3	4.2	3+00	15.0	11.8	
	8.0	4.9		15.6	12.4	
	8.7	5.6		15.5	12.3	
	9.1	6.0		15.6	12.4	
50	9.3	6.2		15.7	12.5	
	9.8	6.7	50	15.5	12.3	
	10.1	7.0		15.5	12.3	
	10.3	7.2		15.2	12.0	

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Dist	Sound	Elev	Dist	Sound	Elev
	15.2	12.0			
	15.2	12.0	6+00		
4+00	15.3	12.1			
	15.1	11.9			
(3.2)	15.0	11.8			
	14.8	11.6			
	14.7	11.5			
50	14.3	11.1			
	14.6	11.4			
	14.2	11.0			
	13.9	10.7			
	13.5	10.3			
5+00	13.5	10.3			

PX

STA 26+00; 0+00 = 707.10 NW OF
B/L STA 21+00 Sound SWLY

Dist	Sound	Elev	Dist	Sound	Elev
0+00	8.5	5.2	<u>3:17</u>	18.5	15.1
<u>3:10</u>	10.5	7.2	2+00	18.2	14.8
	11.0	7.7			
(3.3)	12.8	9.5			
	14.0	10.7			
50	15.5	12.2			
	16.0	12.7	50		
	17.2	13.9			
	19.0	15.7			
	19.2	15.8			
1+00	18.7	15.2			
	18.5	15.1	3+00		
(3.4)	18.5	15.1			
<u>3:15</u>	18.5	15.1			
	18.7	15.3			
50	18.8	15.4			
	18.4	15.0	50		
	18.0	14.6			
	18.2	14.8			

PX

4-28-55 (50)
STA 23+00; 0+00 = 782.84 NW OF B/L
STA 21+00 Sound SWLY @ 45° TO B/L

Dist	Sound	Dist	Sound
0+00	5.5 2.1	4.5	1.1
<u>3:23</u>	5.5 2.1	2+00	4.6 1.2
	5.5 2.1		4.3 0.9
(3.4)	5.0 1.6	(3.4)	5.0 1.6
	4.9 1.5		4.9 1.5
50	5.0 1.6		5.4 2.0
	4.9 1.5	50	5.2 1.8
	4.9 1.5		5.3 1.9
<u>3:23</u>	5.0 1.6		5.8 2.4
	4.8 1.4		6.0 2.6
1+00	4.5 1.1		6.0 2.5
	4.8 1.4	3+00	6.2 2.7
	4.8 1.4		6.2 2.7
	4.5 1.1	(3.5)	6.7 3.2
	4.3 0.9		6.3 2.8
50	4.8 1.4		6.9 3.4
	4.9 1.5	50	6.9 3.4
	4.5 1.1		7.0 3.5
	4.4 1.0		7.1 3.6

QUIVERA STA 23+00 BASIN					
DIST	SOUND	ELEV	DIST	SOUND	ELEV
	7.5	4.0		12.0	8.5
	7.6	4.1	6+50	11.0	7.5
4+00	8.7	5.2		10.4	6.9
	8.8	5.3		10.2	6.7
	8.7	5.2	(3.5)	10.3	6.8
<u>3:30</u>	9.2	5.7		10.2	6.7
	8.9	5.4	50	10.4	6.9
50	8.7	5.2	<u>333</u>	11.0	7.5
	10.2	6.7		10.7	7.2
(3.5)	11.2	7.7		10.0	6.5
	13.0	9.5		10.0	6.5
	13.2	9.7	7+00	10.0	6.5
5+00	13.2	9.7			
	13.3	9.8			
	13.7	10.2			
	13.9	10.4			
	13.9	10.4			
50	14.0	10.5			
	13.6	10.1			
	13.5	10.0			
	12.8	9.3			

PANA 5-03-55 AREA (59)					
STA 7.3+00 ; 0+00 = B/L (See MB.F.B.N. 86)					
Sound NWLY					
DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00	3.9	0.1		10.1	6.3
<u>942</u>	3.7	+0.1	2+00	9.8	6.0
	3.5	+0.3		10.0	6.2
	3.5	+0.3		9.9	6.1
	3.4	+0.4		9.9	6.1
50	3.5	+0.3		9.8	6.0
	4.0	0.2	50	9.5	5.7
(3.8)	5.5	1.7		9.7	5.9
	6.8	3.0	(3.8)	9.7	5.9
	8.6	4.8		9.3	5.5
1+00	9.5	5.7		8.8	5.0
	10.0	6.2	3+00	8.0	4.2
	10.5	6.7		6.0	2.2
<u>2:45</u>	10.7	6.9		3.7	+0.1
	10.9	7.1		2.8	+1.0
50	10.5	6.7		1.4	+1.9
	10.5	6.7	50	1.5	+2.3
	10.2	6.4			
	10.0	6.2			

PX 5-03-55
STA 74+00; 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.5	+0.1	2+00	9.0	5.4
<u>9:57</u>	3.5	+0.1		9.0	5.4
	3.5	+0.1	<u>10:00</u>	9.0	5.4
	3.9	0.3		9.0	5.4
	4.2	0.6		9.0	5.4
50	4.9	1.3	50	9.1	5.5
	5.2	1.6		9.0	5.4
(3.6)	6.0	2.4	(3.6)	8.8	5.2
	7.0	3.4		8.3	4.7
	8.2	4.6		8.2	4.6
1+00	9.0	5.4	3+00	7.8	4.2
	9.8	6.2		6.8	3.8
	9.9	6.3		3.5	+0.1
	10.0	6.4		2.5	+1.1
	10.0	6.4		1.5	+2.1
50	10.0	6.4	50	1.5	+2.1
	10.0	6.4			
	9.8	6.2			
	9.4	5.8			
	9.4	5.8			

PX 5-03-55 (60)
STA 75+00; 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.0	0.4	2+00	8.2	4.7
<u>10:06</u>	4.0	0.4	<u>10:10</u>	8.1	4.6
	4.2	0.6		7.8	4.3
	4.3	0.7		7.4	3.9
	4.5	0.9		7.5	4.0
50	4.6	1.0	50	8.2	4.7
	5.1	1.5		8.0	4.5
(3.6)	6.0	2.4	(3.5)	7.7	4.2
	7.1	3.5		7.1	3.6
	9.1	5.5		7.0	3.5
1+00	10.0	6.4	3+00	6.5	3.0
	10.2	6.6		6.1	2.6
	10.0	6.4		4.0	0.5
	10.0	6.4		2.8	+0.7
	9.8	6.2		1.8	+1.7
50	9.8	6.2	50	1.4	+2.1
	9.5	5.9			
	9.2	5.6			
	9.0	5.4			
	8.8	5.2			

P.X. 5-03-53

STA 76+00, 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.2	0.8	2+00	8.2	4.8
	4.0	0.6		7.5	4.1
<u>10:18</u>	4.0	0.6		6.9	3.5
	4.1	0.7		7.0	3.6
	4.1	0.7		5.2	1.8
50	4.2	0.8	50	4.5	1.1
	5.0	1.6		3.1	+0.3
	5.5	2.1	(34)	2.8	+0.6
(34)	7.8	4.4		2.1	+1.3
	9.5	6.1		2.0	+1.4
1+00	9.8	6.4	3+00	2.0	+1.4
	9.9	6.5		1.8	+1.6
<u>10:20</u>	9.1	5.7		1.8	+1.6
	8.5	5.1		1.8	+1.6
	9.7	6.3		1.7	+1.7
50	9.3	5.9	50	1.6	+1.8
	9.3	5.9			
	9.1	5.7			
	9.2	5.8			
	9.1	5.7			

PX 5-03-55 (61)

STA 77+00, 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.5	0.2	2+00	6.0	2.7
<u>10:27</u>	3.5	0.2		5.8	2.5
	3.3	0.0		5.5	2.2
	3.5	0.2		3.9	0.6
	4.1	0.8		3.0	+0.3
50	4.2	0.9	50	2.9	+0.4
	5.0	1.7		2.5	+0.8
(33)	5.5	2.2		2.2	+1.1
	7.5	4.2	(33)	2.2	+1.1
	9.3	6.0		2.0	+1.3
1+00	10.0	6.7	3+00	2.0	+1.3
	10.0	6.7		2.0	+1.3
	10.0	6.7		2.0	+1.3
	9.4	6.1		2.5	+0.8
10:30	9.2	5.9		2.8	+0.5
50	8.9	5.6	50	2.7	+0.6
	8.3	5.0		2.5	+0.8
	8.2	4.9	<u>10:35</u>	2.3	+1.0
	7.8	4.5		2.3	+1.0
	6.5	3.2		2.1	+1.2
			4+00	2.0	+1.3

P.X. 5-03-55
 STA 78+00; 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.5	0.3	2+00	4.7	1.5
<u>10:38</u>	3.1	+0.1		5.0	1.8
	3.2	0.0		5.0	1.8
	3.5	0.3		4.2	1.0
	4.0	0.8		3.9	0.7
50	4.2	1.0	50	3.5	0.3
	4.5	1.3		2.9	+0.3
(3.2)	5.8	2.6		2.8	+0.9
	7.2	4.0	(3.2)	2.6	+0.6
	8.5	5.3		2.5	+0.7
1+00	9.1	5.9	3+00	2.1	+1.1
<u>10:40</u>	9.5	6.3		2.3	+0.9
	10.0	6.8		2.6	+0.6
	10.1	6.9		2.1	+1.1
	10.2	7.0	<u>10:45</u>	2.0	+1.2
50	10.3	7.1	50	1.5	+1.7
	9.8	6.6			
	9.1	5.9			
	6.5	3.3			
	5.4	2.2			

P.X. 5-03-55
 STA 79+00; 0+00 = B/L SOUND NW

(62)

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.1	0.0	2+00	9.3	6.2
<u>10:48</u>	3.2	0.1		9.2	6.1
	3.5	0.4		8.9	5.8
	3.5	0.4		8.8	5.7
	3.8	0.7		8.5	5.4
50	4.2	1.1	50	7.9	4.8
	5.0	1.9		7.0	3.9
(3.1)	6.0	2.9		5.8	2.7
	7.5	4.4	(3.1)	3.8	0.7
	8.7	5.6		3.0	+0.1
1+00	9.2	6.1	3+00	2.5	+0.6
	9.9	6.8		2.1	+1.0
<u>10:50</u>	10.0	6.9		1.9	+1.2
	10.0	6.9		1.9	+1.2
	10.0	6.9	<u>10:50</u>	2.0	+1.1
50	10.0	6.9	50	2.0	+1.1
	10.0	6.9		1.9	+1.2
	10.0	6.9			
	9.8	6.7			
	9.8	6.7			

P.X. 5-03-55

STA 80+00; 0+00 = B/L SOUND NW

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.5	0.5	2+00	9.7	6.7
<u>10.57</u>	3.8	0.8	<u>11.00</u>	9.7	6.7
	3.8	0.8		9.1	6.1
	4.0	1.0		9.0	6.0
	4.0	1.0		9.1	6.1
50	4.2	1.2	50	8.8	5.8
	5.0	2.0		8.0	5.0
	6.0	3.0	(3.0)	7.0	4.0
(3.0)	7.5	4.5		5.8	2.8
	8.6	5.6		4.5	1.5
1+00	9.3	6.3	3+00	4.3	1.3
	9.5	6.3		3.8	0.8
	9.5	6.5		2.8	+0.2
	9.8	6.8		2.0	+1.0
	10.0	7.0	<u>11.03</u>	1.5	+1.5
50	9.9	6.9	50	1.0	+2.0
	10.0	7.0			
	10.0	7.0			
	9.9	6.9			
	9.8	6.8			

P.X. 5-03-55 (63)

STA 81+00; 0+00 = B/L SOUND NW

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.8	0.9	2+00	9.5	6.6
<u>11.07</u>	3.8	0.9		9.2	6.3
	3.8	0.9		9.2	6.3
	4.0	1.1		9.0	6.1
	4.0	1.1		8.9	6.0
50	4.2	1.3	50	8.7	5.8
	5.2	2.3		8.4	5.5
	6.0	3.1	(2.9)	8.2	5.3
(2.9)	8.0	5.1		8.2	5.3
	8.8	5.9		7.9	5.0
1+00	9.1	6.2	3+00	6.3	3.4
	9.5	6.6		3.5	0.6
	9.8	6.9		2.8	+0.1
	9.9	6.9	<u>11.15</u>	2.0	+0.9
	9.9	6.9		1.5	+1.4
50	9.8	6.9	50		
	9.8	6.9			
	9.8	6.9			
	9.8	6.9			
	9.8	6.9			

P.X

5-03-55

STA 82+00; 0+00 = B/L SOUND N.W.

DIST	Sound	Elev	DIST	Sound	Elev
0+00	3.5	0.7	2+00	9.5	6.8
<u>11:17</u>	3.6	0.8		9.5	6.8
	3.8	1.0		9.0	6.3
	4.0	1.2		9.0	6.3
	4.0	1.2		9.0	6.3
50	4.6	1.6	50	8.7	6.0
	5.0	2.2		8.3	5.6
	5.7	2.9		8.0	5.3
<u>(2.8)</u>	7.1	4.3	<u>(2.7)</u>	8.0	5.3
	8.5	5.7		7.9	5.2
1+00	9.2	6.4	3+00	7.5	4.8
	9.5	6.7		7.0	4.3
	9.8	7.0		4.5	1.8
	10.0	7.2		3.1	0.4
	10.0	7.2	<u>11:25</u>	2.0	+0.7
50	10.1	7.3	50	1.8	+0.9
<u>11:20</u>	9.8	7.0			
	9.8	7.0			
	9.7	6.9			
	9.7	6.9			

P.X

(64)

STA 83+00; 0+00 = B/L SOUND N.W.

DIST	Sound	Elev	DIST	Sound	Elev
0+00	3.5	0.8	2+00	9.4	6.7
<u>11:27</u>	4.0	1.3		9.3	6.6
	4.0	1.3	<u>11:30</u>	9.2	6.5
	4.0	1.3		9.1	6.4
	4.0	1.3		9.1	6.4
50	4.2	1.5	50	9.1	6.4
	5.0	2.3		8.8	6.1
<u>(2.7)</u>	5.5	2.8	<u>(2.7)</u>	8.8	6.1
	7.5	4.8		8.4	5.7
	8.8	6.1		8.2	5.5
1+00	9.1	6.4	3+00	7.9	5.2
	9.8	7.1		6.5	3.8
	10.0	7.3		5.5	2.8
	9.9	7.2		4.6	1.9
	9.9	7.2	<u>11:33</u>	4.0	1.3
50	9.8	7.1	50	3.0	0.3
	9.8	7.1		2.0	+0.7
	9.7	7.0			
	9.7	7.0			
	9.6	6.9			

PT. 5-03-55 DE ANZA

STA 84+00; 0+00=B/L SOUND NW

DIST	Sound	Elev	DIST	Sound	Elev
0+00	3.5	0.6	2+00	9.4	6.9
<u>11:35</u>	3.8	1.2		9.4	6.9
	4.0	1.4		9.4	6.9
	4.0	1.4		9.1	6.6
	4.0	1.4		9.0	6.5
50	4.2	1.6	50	8.8	6.3
	4.6	2.0		8.5	6.0
(2.6)	5.8	3.2		8.4	5.9
	7.0	4.4	(2.5)	7.8	5.3
	8.7	6.1		6.8	4.3
1+00	9.5	6.9	3+00	5.5	3.0
	9.8	7.2		4.8	2.3
	9.8	7.2	<u>11:40</u>	3.9	1.4
	9.8	7.2		3.1	0.6
	9.8	7.2		2.3	+0.2
50	9.8	7.2	50	1.9	+0.6
	9.7	7.1			
	9.8	7.2			
	9.7	7.1			
	9.5	6.9			

PT. 5-03-55 DE ANZA (65)

STA 85+00; 0+00=B/L SOUND N.W.

DIST	Sound	Elev	DIST	Sound	Elev
0+00	3.8	1.3	2+00	9.3	6.8
<u>11:42</u>	4.0	1.5		9.8	7.3
	4.0	1.5		9.5	7.0
	4.1	1.6		9.0	6.5
	4.1	1.6		8.8	6.3
50	4.2	1.7	50	8.5	6.0
	4.7	2.2		8.4	5.9
(2.5)	5.5	3.0	(2.5)	8.4	5.9
	7.0	4.5		8.1	5.6
	8.8	6.3		8.0	5.5
1+00	8.2	5.7	3+00	7.8	5.3
	9.2	6.7		6.8	4.3
	9.3	6.8		5.8	3.3
	9.5	7.0		4.6	2.1
	9.5	7.0		3.7	1.2
50	9.5	7.0	50	2.5	0.0
	9.2	6.7		1.7	+0.8
	9.4	6.9			
	9.5	7.0			
	9.3	6.8			

P.X

STAB 1+00 N; 0+00 = 16,500 W SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+40	0.0	+1.2		9.2	8.0
50	2.0	0.8	50	8.7	7.5
<u>1.58</u>	3.2	2.0		8.3	7.1
	4.0	2.8		8.0	6.8
	4.8	3.6		8.0	6.8
	5.2	4.0		8.0	6.8
1+00	5.2	4.0	3+00	7.8	6.6
	5.5	4.3		7.8	6.6
<u>1.2</u>	6.0	3.8	<u>1.2</u>	7.5	6.3
	6.8	5.6		7.5	6.3
	7.1	5.9		7.0	5.8
50	7.2	6.0	50	7.1	5.9
	7.2	6.0		7.3	6.1
	7.1	5.9		7.5	6.3
	8.0	6.8		7.9	6.7
	8.5	7.3		8.0	6.8
2+00	9.0	7.8	4+00	9.0	7.8
	9.5	8.3		8.9	7.7
<u>2.00</u>	9.7	8.5		8.5	7.3
	9.7	8.5		8.5	7.3

5-03-55 (66)

Dist	Sound	Elev	Dist	Sound	Elev
	9.0	7.8	50	7.7	6.5
50	9.0	7.8		7.3	6.1
	9.1	7.9		7.2	6.0
	9.1	7.9		7.2	6.0
	9.0	7.8		7.1	5.9
	9.0	7.8	7+00	7.1	5.9
5+00	8.8	7.6		7.0	5.8
	9.0	7.8		7.0	5.8
	8.5	7.3		7.2	6.0
<u>1.2</u>	8.0	6.8	<u>1.2</u>	7.1	5.9
	7.8	6.6	50	7.1	5.9
50	8.0	6.8		7.1	5.9
<u>2.05</u>	7.5	6.3		7.0	5.8
	7.5	6.3		7.0	5.8
	7.5	6.3		7.0	5.8
	7.8	7.6	8+00	6.9	5.7
6+00	7.8	7.6		7.0	5.8
	8.0	6.8		7.0	5.8
	8.0	6.8	2:09	7.0	5.8
	8.1	6.9		7.0	5.8
	7.8	6.6	50	7.2	6.0

STA 81+00					
Dist	Sound		Dist	Sound	
	8.0	6.8		7.1	5.9
2:10	8.1	6.9		7.2	6.0
	8.1	6.9		7.5	6.3
	8.0	6.8	11+00	7.5	6.3
9+00	7.5	6.3		7.8	6.6
	7.8	6.6		8.0	6.8
	7.6	6.4	(1.2)	8.0	6.8
(1.2)	7.6	6.4	2:15	7.8	6.6
	7.5	6.3	50	7.7	6.5
50	7.5	6.3		7.8	6.6
	7.3	6.1		8.0	6.8
	7.4	6.2		8.2	7.0
	7.5	6.3		8.5	7.3
	7.4	6.2	12+00	8.8	7.6
10+00	7.5	6.3		8.7	7.5
	7.5	6.3		9.1	7.9
	7.6	6.4		9.8	8.6
	7.5	6.3		10.1	8.9
	7.2	6.0	50	10.2	9.0
50	7.0	5.8		10.1	8.9
	7.0	5.8			

P.X. 5-04-55 (67)					
STA 82+00N; 0+00=16,500W; SOUND WEST					
Dist	Sound	Elev	Dist	Sound	Elev
0+60	0.6	+1.0		8.8	7.2
2:13	1.5	+0.1		8.3	6.7
	3.0	1.4		8.1	6.5
	3.7	2.1		8.2	6.6
1+00	4.2	2.6	3+00	8.2	6.6
	5.0	3.4		8.8	7.2
(1.6)	5.8	4.2	(1.6)	8.9	7.3
	6.5	4.9		8.5	6.9
	7.5	5.9		8.4	6.8
50	9.0	7.4	50	8.5	6.9
	9.5	7.9		8.7	7.1
	9.8	8.2		8.5	6.9
	9.8	8.2		9.1	7.5
2:15	9.0	7.4		9.3	7.7
2+00	8.8	7.2	4+00	9.5	7.9
	9.0	7.4		10.1	8.5
	9.1	7.5		10.3	8.7
	9.2	7.6		10.4	8.8
	9.2	7.6		10.8	9.2
50	9.1	7.5	50	11.0	9.4

STA 82+00N

Dist	Sound	Elev	Dist	Sound	Elev
	11.0	9.4		9.7	8.1
<u>2:20</u>	11.0	9.4		9.3	7.7
	10.5	8.9		9.1	7.5
	9.5	7.9	7+00	8.9	7.3
5+00	9.0	7.4	<u>2:25</u>	8.8	7.2
	8.9	7.3		9.1	7.5
	9.0	7.4		8.8	7.2
(1.6)	8.8	7.2	(1.6)	8.3	6.7
	8.5	6.9	50	7.8	6.2
50	8.2	6.6		7.8	6.2
	8.2	6.6		7.5	5.9
	8.2	6.6		7.7	6.1
	8.2	6.6		7.4	5.8
	8.0	6.4	8+00	7.2	5.6
6+00	8.0	6.4		7.8	6.2
	8.0	6.4		7.8	6.2
	7.9	6.3		7.7	6.1
	8.3	6.7		8.0	6.4
	9.0	7.4	50	8.8	7.2
50	9.8	8.2		7.6	6.0
	9.8	8.2		7.1	5.5

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(68)

Dist	Sound	Elev	Dist	Sound	Elev
	8.9	7.3		8.9	7.3
	8.8	7.2	11+00	8.4	6.8
9+00	8.0	6.4		8.1	6.5
	7.9	6.3		8.0	6.4
	8.5	6.9		8.0	6.4
(1.6)	9.5	7.9	(1.6)	8.2	6.6
	9.0	7.5	50	8.5	6.9
50	9.0	7.5		8.8	7.2
	8.5	6.9		8.8	7.2
	8.5	6.9		8.8	7.2
	8.5	6.9		8.8	7.2
	8.5	6.9	12+00	9.0	7.4
10+00	8.8	7.2		9.0	7.4
	8.8	7.2		9.0	7.4
2:30	8.8	7.2		9.5	7.9
<u>2</u>	8.9	7.3		10.1	8.5
	9.0	7.4	50	10.5	8.9
50	9.1	7.5		10.8	9.2
	9.0	7.4		10.5	8.9
	9.0	7.4		10.5	8.9
	9.0	7.4		10.1	8.5
	9.0	7.4	13+00	10.0	8.4

PX ANZA CHANNEL SEC'S CONTD
 STA 72+00; 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.2	0.1	2+00	11.2	7.1
<u>9:53</u>	4.1	0.0		11.1	7.0
	4.1	0.0		11.2	7.1
	4.2	0.1		11.0	6.9
	4.5	0.4		11.1	7.0
50	4.8	0.7	50	11.0	6.9
	4.8	0.7		11.0	6.9
(4.1)	5.8	1.7	(4.1)	10.9	6.8
	7.5	3.6		10.7	6.6
	9.1	5.0		10.1	6.0
1+00	10.1	6.0	3+00	9.2	5.1
	10.5	6.4		7.0	2.9
	10.6	6.5	<u>10:00</u>	4.2	0.1
	10.8	6.7		3.6	+0.5
	11.1	7.0		2.9	+1.2
50	11.3	7.2	50	2.5	+1.6
	11.4	7.3		2.2	+1.9
<u>9:58</u>	11.4	7.3		2.2	+1.9
	11.1	7.0			
	11.1	7.0			

PX 5-04-55 (69)
 STA 71+00; 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.0	+0.1	2+00	11.6	7.6
	4.0	+0.1		11.6	7.6
<u>10:03</u>	4.1	0.0		11.5	7.5
	4.1	0.0		11.5	7.5
	4.2	0.1		11.3	7.3
50	4.5	0.4	50	11.3	7.3
	4.4	0.3		11.3	7.3
(4.1)	5.1	1.0	(4.0)	11.2	7.2
	7.0	2.9		11.1	7.1
	9.2	5.1		10.8	6.8
1+00	10.1	6.0	3+00	10.0	6.0
	10.5	6.4		8.3	4.3
	10.7	6.6		5.5	1.5
	10.8	6.7		4.0	0.0
	11.0	6.9		3.2	+0.8
50	11.2	7.1	50	3.0	+1.0
<u>10:05</u>	11.2	7.1		2.7	+1.3
	11.4	7.3			
	11.4	7.3			
	11.5	7.4			

PX

STA 70+00; 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.0	0.0	2+00	11.5	7.5
<u>10:11</u>	4.0	0.0		11.6	7.6
	4.0	0.0		11.8	7.8
	4.0	0.0		11.8	7.8
	4.0	0.0		11.7	7.7
50	4.1	0.1	50	11.6	7.6
	4.5	0.5		11.7	7.7
	5.5	1.5		11.5	7.5
(4.0)	7.0	3.0	(4.0)	11.2	7.2
	9.2	5.2		10.9	6.9
1+00	10.2	6.2	3+00	10.0	6.0
	10.3	6.3		8.1	4.1
	10.5	6.5		5.5	1.5
	10.8	6.8		4.4	0.4
	10.9	6.9	<u>10:15</u>	3.5	+0.5
50	11.0	7.0	50	3.2	+0.8
	11.2	7.2		3.1	+0.9
	11.4	7.4		3.0	+1.0
	11.5	7.5			
	11.5	7.5			

PX 5-04-55 (70)

STA 69+00; 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.8	+0.1	2+00	11.5	7.6
<u>10:18</u>	3.8	+0.1		11.7	7.8
	4.0	0.1		11.8	7.9
	3.9	0.0		11.8	7.9
	3.9	0.0		11.8	7.9
50	3.8	+0.1	50	11.7	7.8
	4.0	0.1		11.8	7.9
	5.0	1.1		11.8	7.9
(3.9)	7.0	3.1		11.6	7.7
	9.2	5.3	(3.9)	11.3	7.4
1+00	10.1	6.2	3+00	11.0	7.1
	10.5	6.6		9.0	5.1
	10.5	6.6		6.1	2.2
	10.8	6.9		5.1	1.2
	10.8	6.9		4.8	0.9
50	10.8	6.9	50	4.1	0.2
	10.9	7.0		4.0	0.1
	11.1	7.2	<u>10:23</u>	3.7	+0.2
	11.2	7.3			
	11.4	7.5			

DE ANZA P.X.

STA 86+00, 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	5.2	1.5	2+00	10.4	6.7
	5.5	1.8		10.3	6.6
10.40	5.7	2.0		10.2	6.5
	5.7	2.0		10.0	6.3
	5.9	2.2		9.9	6.2
50	6.0	2.3	50	9.8	6.1
	6.1	2.4		9.6	5.9
(3.7)	6.5	2.8		9.5	5.8
	7.3	3.6		9.3	5.6
	9.1	5.4		8.1	4.4
1+00	10.9	7.2	3+00	7.3	3.9
	11.5	7.8		6.8	3.1
	11.5	7.8	(3.7)	6.5	2.8
	11.3	7.6		5.8	2.1
	11.2	7.5	10.45	4.8	1.1
50	11.0	7.3	50	3.4	+0.3
	10.8	7.1			
	10.8	7.1			
	10.7	7.0			
	10.4	6.7			

P.X.

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(71)

STA 87+00, 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	5.0	1.4	2+00	10.2	6.6
10.48	5.0	1.4		10.0	6.4
	5.1	1.5		10.0	6.4
	5.0	1.4		9.9	6.3
	5.2	1.6		9.8	6.2
50	5.3	1.7	50	9.8	6.2
	5.9	2.3		9.5	5.9
(3.6)	6.5	2.9	(3.6)	9.5	5.9
	8.0	4.4		9.1	5.5
	9.8	6.2		8.9	5.3
1+00	10.3	6.7	3+00	8.0	4.4
	10.9	7.3		7.5	3.9
	10.8	7.2		7.0	3.4
	10.5	6.9		6.0	2.4
	10.2	6.6		5.0	1.4
50	10.2	6.6	50	3.2	+0.4
	10.1	6.5			
	10.4	6.8			
	10.2	6.6			
	10.1	6.5			

P.X.

STA 88 +00; 0+00: B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.5	1.3	2+00	9.7	6.5
<u>11:32</u>	4.6	1.4		9.5	6.3
	4.6	1.4		9.4	6.2
	4.8	1.6	<u>11:35</u>	9.2	6.0
	5.0	1.8		9.2	6.0
50	4.9	1.7	50	9.0	5.8
	5.1	1.9		8.9	5.7
(3.2)	6.0	2.8	(3.2)	8.8	5.6
	7.5	4.3		8.8	5.6
	9.0	5.8		8.3	5.1
1+00	9.5	6.3	3+00	7.8	4.6
	10.0	6.8		7.0	3.8
	9.8	6.6		6.8	3.6
	10.0	6.8		6.0	2.8
	9.8	6.6		5.0	1.8
50	9.8	6.6	50		
	9.8	6.6			
	9.8	6.6			
	9.7	6.5			
	9.8	6.6			

P.X. 5-04-55 (72)

STA 89+00; 0+00: B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.5	1.4	2+00	9.1	6.1
<u>11:40</u>	4.5	1.4		9.0	6.0
	4.6	1.5		8.8	5.8
	4.6	1.5		8.8	5.8
	4.6	1.5		8.7	5.7
50	4.8	1.7	50	8.3	5.3
	5.0	1.9		8.2	5.2
(3.1)	6.0	2.9		8.1	5.1
	7.1	4.0	(3.0)	8.1	5.1
	8.1	5.0		7.8	4.8
1+00	8.8	5.7	3+00	7.2	4.2
	9.0	5.9		7.0	4.0
	9.0	5.9		6.5	3.5
	9.3	6.2		5.5	2.5
	9.3	6.2	<u>11:45</u>	4.0	1.0
50	9.3	6.2	50	2.8	+0.2
	9.7	6.6			
	9.7	6.6			
	9.2	6.1			
	9.2	6.1			

P.X.

STA 90+00; 0+00=B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	5.1	1.0	2+00	9.5	5.4
<u>10:15</u>	5.2	1.1		9.4	5.3
	5.2	1.1		9.5	5.4
	5.3	1.2		9.5	5.4
(4.1)	5.4	1.3		9.3	5.2
50	5.8	1.7	50	9.2	5.1
	6.0	1.9	<u>10:20</u>	9.1	5.0
	6.5	2.4		9.2	5.1
	8.0	3.9	(4.1)	9.0	4.9
	9.1	5.0		8.8	4.7
1+00	10.0	5.9	3+00	8.5	4.4
	10.0	5.9		8.3	4.2
	10.0	5.9		7.2	3.1
	9.9	5.8		6.5	2.4
	9.9	5.8		5.1	1.0
50	9.8	5.7	50	3.8	+0.3
	9.7	5.6		2.8	+1.3
	9.7	5.6			
	9.7	5.6			
	9.6	5.5			

P.X. 5-05-55 (73)

STA 91+00; 0+00=B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	5.0	1.0	2+00	9.5	5.5
<u>10:25</u>	5.0	1.0		9.5	5.5
	5.1	1.1		9.3	5.3
	5.1	1.1		9.2	5.2
	5.1	1.1		9.1	5.1
50	5.3	1.3	50	9.0	5.0
	5.8	1.8		9.0	5.0
(4.0)	6.8	2.8		8.8	4.8
	8.1	4.1	(4.0)	8.8	4.8
	9.2	5.2		8.8	4.8
1+00	9.5	5.5	3+00	8.3	4.3
	9.6	5.6		8.0	4.0
	9.5	5.5		7.5	3.5
	9.5	5.5		6.5	2.5
	9.5	5.5	<u>10:30</u>	5.2	1.2
50	9.3	5.3	50	3.9	+0.1
	9.5	5.5		3.0	+1.0
	9.4	5.4		2.8	+1.2
	9.7	5.7			
	9.5	5.5			

P.X.

STA 92+00; 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	5.0	1.0	2+00	9.7	5.8
<u>10.33</u>	5.0	1.0		9.3	5.4
	5.1	1.1		9.3	5.4
	5.2	1.2		9.2	5.3
	5.2	1.2		9.2	5.3
50	5.2	1.2	50	9.2	5.3
	5.8	1.8		9.2	5.3
(4.0)	6.2	2.2		9.6	5.7
	8.0	4.0	(39)	9.5	5.6
	9.1	5.1		9.1	5.2
1+00	9.9	5.9	3+00	8.2	4.3
	9.9	5.9		7.3	3.4
<u>10.35</u>	9.9	5.9		6.7	2.8
	9.9	5.9	10.40	6.1	2.2
	9.9	5.9		5.0	1.1
50	10.0	6.0	50	3.6	+0.3
	10.0	6.0		2.9	+1.0
	9.8	5.8		2.0	+1.9
	9.7	5.7			
	9.7	5.7			

P.X. 5-05-55

STA 93+00; 0+00 = B/L SOUND N.W. (94)

Dist	Sound	Elev	Dist	Sound	Elev
0+00	5.0	1.1	2+00	9.8	5.9
<u>10.42</u>	5.0	1.1		9.7	5.8
	5.0	1.1		9.6	5.7
	5.2	1.3		9.8	5.9
	5.0	1.1	<u>10.45</u>	9.5	5.6
50	5.1	1.2	50	9.4	5.5
	5.2	1.3		9.5	5.6
(3.9)	6.5	2.6	(3.9)	9.4	5.5
	8.2	4.3		9.1	5.2
	9.3	5.4		8.8	4.9
1+00	9.8	5.9	3+00	8.0	4.1
	9.9	6.0		7.5	3.6
	10.0	6.1		6.8	2.9
	10.1	6.2		6.0	2.1
	10.0	6.1		4.9	1.0
50	10.0	6.1	50	3.5	+0.4
	10.0	6.1		2.5	+1.4
	10.0	6.1			
	10.0	6.1			
	9.9	6.0			

P.X.

STA 94+00; 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.9	1.0	2+00	8.8	5.0
	4.9	1.0		8.8	5.0
10:50	5.0	1.1		8.6	4.8
	5.0	1.1		8.6	4.8
	5.0	1.1		8.8	5.0
50	5.0	1.1	50	8.5	4.7
	5.1	1.2		8.2	4.4
(3.9)	5.8	1.9		8.2	4.4
	7.2	3.3	(3.8)	8.1	4.3
	8.5	4.6		7.9	4.1
1+00	9.0	5.1	3+00	7.8	4.0
	9.1	5.2		7.5	3.7
	9.1	5.2		7.0	3.2
	9.1	5.2		6.3	2.5
	9.2	5.3	10:55	5.5	1.7
50	9.2	5.3	50	4.0	0.2
	9.3	5.4		2.8	+1.0
	9.2	5.3		1.8	+2.0
	9.1	5.2			
	8.9	5.0			

P.X. 5-05-55 (75)

STA 95+00; 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.6	0.8	2+00	8.3	4.5
11:00	4.7	0.9		8.2	4.4
	4.8	1.0		8.3	4.5
	4.7	0.9		8.2	4.4
	4.8	1.0		8.1	4.3
50	4.9	1.1	50	8.0	4.2
	5.0	1.2		8.2	4.4
(3.8)	6.0	2.2	(3.8)	7.9	4.1
	7.2	3.4		7.6	3.8
	8.1	4.3		7.5	3.7
1+00	8.5	4.7	3+00	7.0	3.2
	8.8	5.0		6.5	2.7
	8.8	5.0		5.9	2.1
	8.5	4.7		4.5	0.7
	8.5	4.7	11:05	3.3	+0.5
50	8.8	5.0	50	2.5	+1.3
	9.0	5.2		2.0	+1.8
	9.0	5.2			
	8.9	5.1			
	8.5	4.7			

PX

STA 96+00; 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.3	0.6	2+00	8.2	4.5
<u>11:08</u>	4.3	0.6		8.2	4.5
	4.3	0.6		8.0	4.3
	4.5	0.8		8.0	4.3
	4.6	0.9		8.0	4.3
50	4.7	1.0	50	8.0	4.3
	5.0	1.3		8.0	4.3
(3.7)	5.7	2.0	(3.7)	8.0	4.3
	7.3	3.6		7.8	4.1
	8.1	4.4		7.5	3.8
1+00	8.4	4.7	3+00	7.2	3.5
<u>11:10</u>	8.6	4.9		7.0	3.3
	8.6	4.9		6.5	2.8
	8.4	4.7	<u>11:13</u>	5.8	2.1
	8.4	4.7		5.0	1.3
50	8.4	4.7	50	4.0	0.3
	8.6	4.9		3.0	+0.7
	8.5	4.8		2.0	+1.7
	8.3	4.6			
	8.2	4.5			

PX 5-05-55

STA 97+00; 0+00 = B/L SOUND N.W. (76)

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.0	0.3	2+00	8.3	4.6
<u>11:17</u>	4.0	0.3		8.1	4.4
	4.0	0.3		8.2	4.5
	4.2	0.5		8.0	4.3
	4.3	0.6		8.1	4.4
50	4.4	0.7	50	8.0	4.3
	5.0	1.3	11:20	8.2	4.5
(3.7)	5.6	1.9	(3.7)	8.3	4.6
	7.4	3.7		8.3	4.6
	8.3	4.6		8.0	4.3
1+00	8.4	4.7	3+00	7.7	4.0
	8.3	4.6		7.4	3.7
	8.3	4.6		7.0	3.3
	8.2	4.5		6.3	2.6
	8.2	4.5		5.6	1.9
50	8.2	4.5	50	4.0	0.3
	8.2	4.5		3.0	+0.7
	8.2	4.5		2.0	+1.7
	8.3	4.6			
	8.1	4.4			

P.X.

STA 98+00; 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.0	0.4	2+00	8.6	5.0
	4.0	0.4		8.6	5.0
<u>11:27</u>	4.0	0.4	<u>11:30</u>	8.7	5.1
	4.0	0.4		8.6	5.0
	4.5	0.9		8.8	5.2
50	4.6	1.0	50	8.8	5.2
	4.8	1.2		8.9	5.3
(3.6)	5.3	1.7	(3.6)	8.8	5.2
	7.2	3.6		8.6	5.0
	8.0	4.4		8.5	4.9
1+00	8.4	4.8	3+00	8.0	4.4
	8.9	5.3		7.8	4.2
	8.5	4.9		7.7	4.1
	8.5	4.9		7.0	3.4
	8.4	4.8		5.9	2.3
50	8.4	4.8	50	5.8	2.2
	8.4	4.8		4.6	1.0
	8.5	4.9		3.2	+0.4
	8.6	5.0		2.5	+1.1
	8.5	4.9			

P.X. 5-05-55

STA 99+00; 0+00 = B/L SOUND N.W. (77)

Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.0	0.5	2+00	8.2	4.7
<u>11:35</u>	4.0	0.5		8.2	4.7
	4.0	0.5	(3.5)	8.4	4.9
(3.5)	4.0	0.5		8.5	5.0
	4.0	0.5		8.5	5.0
50	4.5	1.0	50	8.7	5.2
	4.6	1.1		8.8	5.3
	5.1	1.6		8.8	5.3
	6.6	3.1		8.9	5.4
	7.9	4.4		9.0	5.5
1+00	8.2	4.7	3+00	9.2	5.7
	8.5	5.0		9.2	5.7
	8.5	5.0	11:40	9.2	5.7
	8.6	5.1		9.2	5.7
	8.4	4.9		9.3	5.8
50	8.5	5.0	50	9.3	5.8
	8.5	5.0		8.7	5.2
	8.6	5.1		7.6	4.1
	8.5	5.0		6.7	3.2
	8.5	5.0		5.6	2.1
			4+00	4.5	1.0
				3.1	+0.4

P.X. 5-05-55

STA 100+00, 0+00 = B/L SOUND N.W.

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.8	0.4	2+00	8.8	5.4
<u>11.45</u>	3.8	0.4		8.8	5.4
	4.0	0.6		8.8	5.4
	4.0	0.6		8.9	5.5
	4.1	0.7		9.0	5.6
50	4.2	0.8	50	9.2	5.8
	4.8	1.4		9.3	5.9
(34)	6.0	2.6		9.5	6.1
	7.8	4.4	(34)	9.5	6.1
	8.2	4.8		9.5	6.1
1+00	8.7	5.3	3+00	9.7	6.3
	8.5	5.1		9.8	6.4
	8.5	5.1		9.8	6.4
	8.5	5.1		9.9	6.5
	8.5	5.1		9.8	6.4
50	8.3	4.9	50	9.8	6.4
	8.5	5.1		9.4	6.0
	8.5	5.1	<u>11.50</u>	9.3	5.9
	8.5	5.1		9.1	5.7
	8.8	5.4		9.0	5.6
			4+00	9.1	5.7

Sta. 21+00 B/L @ 45 (78)

	141.42
	141.42
23+00 =	282.84
	141.42
24+00 =	424.26
	141.42
25+00 =	565.68
	141.42
26+00 =	707.10

Contd in M.B. F.B. No 86

Dist	Sound	Elev
	9.0	5.7
	8.8	5.5
(33)	8.3	5.0
	7.8	4.5
50	7.4	4.1
	7.1	3.8
	6.5	3.2
<u>11.53</u>	5.8	2.5
	5.0	1.7
5+00	4.0	0.7
	3.0	+0.3

