

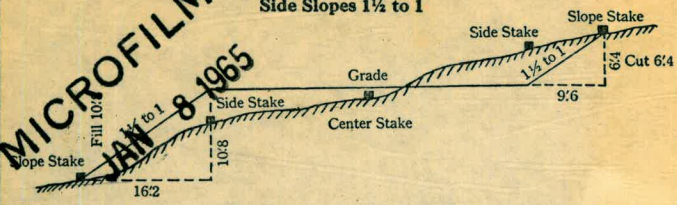
MISSION BAY

89

Mission Bay No 89

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

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$$W150+00 = N9,900$$

$$W149+00 = N9,840$$

$$W148+00 = N9,800$$

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$$W145+00 = N9,700$$

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PAGES

INDEX

DATE

Contd. from M.B.F.B. No 87-31

1- SOUNDINGS ELY $\frac{1}{2}$ TIERRA DEL FUEGO ISLAND

INDEXED

JUN 27 1955

Contd from M.B.F.B. No. 87 6-25-56

SOUNDINGS ELY 1/2 OF TIERRA DEL FUEGO

ISLAND, MISSION BAY W.O. 64724

Plotted
Roll
22A

W. 151+00; 0+00 = N 9,900 SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00 13.8 9.4

0.2 +4.2 13.8 9.4

12:35 0.7 +3.5 2+00 13.8 9.4

1.2 +3.2

1.7 +2.7

50 2.0 +2.4 (4.4)

1.3 +3.1

(4.4) 1.6 +2.8 50

1.7 +2.7

2.0 +2.4

1+00 3.0 +1.4

3.7 +0.7

5.0 0.6 3+00

9.0 4.6

11.8 7.4

50 13.0 8.6

13.4 9.0

13.8 9.4 50

6-25-56 Plotted Roll 22-A

W 150+00; 0+00 = N 9,900 SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00 0.6 +3.8 2+00 12.5 8.1

1.5 +2.9 13.3 8.9

12:42 2.1 +2.3 12:45 13.5 9.1

2.5 +1.9 13.3 8.9

2.6 +1.8 (4.4) 13.0 8.6

50 2.5 +1.9 50 13.0 8.6

2.5 +1.9

2.6 +1.8

(4.4) 2.6 +1.8

3.0 +1.4

1+00 3.4 +1.0

3.3 +1.1

3.3 +1.1

3.6 +0.8

4.0 +0.4

50 3.8 +0.6

3.7 +0.4

4.5 0.1

8.0 3.6

11.0 6.6

Stamper
Huffman
Blunt
Kelley

6-25-55

W149+00; 0+00 = N 9,840 SOUND NORTH			W148+00; 0+00 = N 9,800 SOUND NORTH		
Dist	Sound	Elev	Dist	Sound	Elev
0+00			2+00	3.5	+0.9
	0.6	+3.8		4.0	+0.4
<u>12:50</u>	1.2	+3.2		4.0	+0.4
	2.5	+1.9		3.3	+1.1
	2.8	+1.6		3.6	+0.8
50	2.8	+1.6	50	3.8	+0.6
	2.7	+1.7	(4.4)	3.8	+0.6
(4.4)	2.8	+1.6		4.2	+0.2
	2.9	+1.5		5.1	0.7
	2.8	+1.6	<u>12:54</u>	7.3	2.9
1+00	2.5	+1.9	3+00	9.9	5.5
	2.5	+1.9		12.2	7.8
	2.4	+2.0		13.1	8.7
	2.4	+2.0		13.4	9.0
	2.5	+1.9		13.8	9.4
50	2.4	+2.0	50	14.0	9.6
	2.8	+1.6			
	3.5	+0.9			
	3.5	+0.9			
	3.4	+1.0			

6-25-56 Plotted Roll 22-A

W148+00; 0+00 = N 9,800 SOUND NORTH			W148+00; 0+00 = N 9,800 SOUND NORTH		
Dist	Sound	Elev	Dist	Sound	Elev
0+00	2.0	+2.3	2+00	3.4	+0.9
(4.3)	2.0	+2.3	(4.3)	3.8	+0.5
<u>1:00</u>	2.1	+2.2		3.6	+0.7
	2.2	+2.1		3.4	+0.9
	2.5	+1.8		3.4	+0.9
50	2.5	+1.8	50	3.5	+0.8
	2.6	+1.7		3.3	+1.0
	2.8	+1.5		3.4	+0.9
	2.8	+1.5		3.8	+0.5
	2.9	+1.4		3.7	+0.6
1+00	2.9	+1.4	3+00	3.5	+0.8
	2.9	+1.4		4.0	+0.3
	3.0	+1.3		5.0	0.7
	3.1	+1.2	<u>1:03</u>	6.0	1.7
	3.2	+1.1		6.5	2.2
50	3.2	+1.1	50	6.3	2.0
	3.3	+1.0		5.5	1.2
	3.4	+0.9		5.5	1.2
	3.2	+1.1		5.5	1.2
	3.2	+1.1		8.0	3.7

W148+00 SOUND NORTH

DIST SOUND ELEV

4+00 10.8 6.5

(4.3) 12.8 8.5

13.2 8.9

103 13.5 9.2

13.8 9.5

50 14.0 9.7

6-25-56

(3)

W147+00; 0+00 = N 9780 SOUND NORTH

DIST SOUND ELEV DIST SOUND ELEV

0+00 1.9 +2.4 2+00 4.0 +0.2

113 2.0 +2.3 4.0 +0.2

2.1 +2.2 4.2 0.0

(4.3) 2.2 +2.1 (4.2) 4.3 0.1

2.2 +2.1 4.5 0.3

50 2.5 +1.8 50 4.2 0.0

2.5 +1.8 4.2 0.0

2.6 +1.7 4.3 0.1

2.6 +1.7 4.6 0.4

2.7 +1.6 5.0 0.8

1+00 2.7 +1.6 3+00 6.0 1.8

2.8 +1.5 7.0 2.8

3.0 +1.3 7.2 3.0

3.1 +1.2 7.2 3.0

3.1 +1.2 7.0 2.8

50 3.2 +1.1 50 6.9 2.7

115 3.3 +1.0 6.3 2.1

3.6 +0.7 118 6.0 1.8

3.4 +0.9 5.3 1.1

3.7 +0.6 5.0 0.8

W147+00 SOUND NORTH

DIST SOUND ELEV DIST SOUND ELEV

4+00	4.7	0.5		
(4.2)	4.5	0.3		
	4.2	0.0		
	4.3	0.1		
	4.6	0.4	50	
50	5.5	1.3		
<u>1:20</u>	7.8	3.6		
<u>2</u>	10.8	6.6		
	11.8	7.6		
	12.0	7.8		
5+00	12.3	8.1		
	12.7	8.5		
	12.5	8.3		
	12.5	8.3		
	12.5	8.3		
50	12.6	8.4		
6+00				

6-25-56 Plotted Roll 22-A

W146+00; 0+00 = N 9,700 SOUND NORTH

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00	1.3	+2.9	2+00	3.2	+1.0
(4.2)	1.5	+2.7	(4.2)	3.2	+1.0
<u>1:26</u>	1.6	+2.6		3.3	+0.9
	1.7	+2.5		3.4	+0.8
	1.8	+2.4		3.5	+0.7
50	1.8	+2.4	50	3.7	+0.5
	2.0	+2.2		3.8	+0.4
	2.0	+2.2		4.0	+0.2
	2.1	+2.1	<u>1:30</u>	4.2	0.0
	2.2	+2.0		4.2	0.0
1+00	2.3	+1.9	3+00	4.2	0.0
	2.5	+1.7		4.3	0.1
	2.5	+1.7		4.2	0.0
	2.7	+1.5		5.0	0.8
	2.6	+1.6		5.5	1.3
50	2.7	+1.5	50	6.5	2.3
	2.9	+1.3		7.0	2.8
	2.8	+1.4		7.0	2.8
	2.9	+1.3		7.3	3.1
	3.1	+1.1		7.2	3.0

W/46+00 SOUND NORTH					
Dist	Sound	Elev	Dist	Sound	Elev
4+00	6.8	2.6	(41)	10.0	5.9
(7.2)	6.3	2.1		11.5	7.4
	5.8	1.6		12.0	7.9
<u>1.33</u>	5.4	1.2		12.1	8.0
	4.8	0.6	50	12.2	8.1
50	4.0	+0.2		12.3	8.2
	4.1	+0.1	<u>137</u>	12.3	8.2
	3.9	+0.3		12.3	8.2
	4.0	+0.2		12.2	8.1
	4.0	+0.2	7+00	12.2	8.1
5+00	3.9	+0.3			
	3.5	+0.7			
	3.3	+0.9			
	3.0	+1.2			
	3.0	+1.2			
50	3.0	+1.2			
	2.9	+1.3			
<u>1.35</u>	3.3	+0.9			
	3.4	+0.8			
	4.0	+0.2			
6+00	7.0	2.8			

6-25-56 (5)					
W/45+00; 0+00 = 19700, SOUND NORTH					
Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.8	+2.3	2+00	3.6	+0.5
(41)	1.8	+2.3	(41)	3.8	+0.3
<u>1.43</u>	1.9	+2.2		3.8	+0.3
	2.0	+2.1		4.0	+0.1
	2.0	+2.1		4.0	+0.1
50	2.0	+2.1	50	4.0	+0.1
	2.1	+2.0		4.2	0.1
	2.3	+1.8		4.2	0.1
	2.3	+1.8		4.8	0.7
	2.2	+1.9		5.0	0.9
1+00	2.5	+1.6	3+00	5.2	1.1
	2.6	+1.5		5.6	1.5
	2.8	+1.3	<u>1.47</u>	5.8	1.7
	2.8	+1.3		6.0	1.9
	2.9	+1.2		6.0	1.9
50	3.0	+1.1	50	5.8	1.7
	3.0	+1.1		6.0	1.9
	3.1	+1.0		5.4	1.3
	3.2	+0.9		5.0	0.9
	3.3	+0.8		4.8	0.7

W145+00; SOUND NORTH

Dist	Sound	Elev	Dist	Sound	Elev
4+00	4.6	0.6		3.0	+1.0
	4.1	0.1		3.3	+0.7
(4.0)	4.0	0.0	(4.0)	3.4	+0.6
	3.8	+0.2		3.8	+0.2
	4.0	0.0	50	6.8	2.8
50	4.0	0.0		11.0	7.0
	3.7	+0.3		12.0	8.0
	4.0	0.0	1:52	12.0	8.0
	4.1	0.1		12.1	8.1
	3.4	+0.6	7+00	12.3	8.3
5+00	2.7	+1.3			
	2.5	+1.5			
11.50	2.3	+1.7			
2	2.3	+1.7			
	2.5	+1.5			
50	2.8	+1.2			
	2.8	+1.2			
	2.8	+1.2			
	2.7	+1.3			
	2.8	+1.2			
6+00	3.1	+0.9			

6-25-56 Plotted Roll 22-A ©

W144+00; 0410 = N10,000 SOUND NORTH					
Dist	Sound	Elev	Dist	Sound	Elev
0+00	2.0	+1.9	2+00	2.1	+1.8
(3.9)	2.1	+1.8	(3.9)	2.2	+1.7
<u>2+00</u>	2.5	+1.4		2.1	+1.8
	2.3	+1.6		2.5	+1.4
	2.8	+1.1		2.6	+1.3
50	3.1	+0.8	50	2.0	+1.9
	3.2	+0.7		2.8	+1.1
	3.2	+0.7		3.0	+0.9
	3.0	+0.9		3.7	+0.2
	3.5	+0.4		6.0	2.1
1+00	4.0	0.1	3+00	9.2	5.3
	3.8	+0.1		12.8	8.9
	3.8	+0.1		13.2	9.3
	3.8	+0.1		13.3	9.4
	3.7	+0.2	<u>203</u>	13.3	9.4
50	3.9	0.0	50	13.2	9.3
	3.8	+0.1			
	3.1	+0.8			
	2.1	+1.8			
	1.9	+2.0			

6-25-56

N 80+00; 0+00 = W/4, 550 SOUND EAST

Dist Sound Elev Dist Sound Elev

0+00

2+00

(3.7)

30

0.0

+3.7

~~2.25~~

1.0

+2.7

50

2.8

+0.9

50

LAST GROUND SHOT

4.3

0.6

1.0

3.3

12.0

8.3

12.5

8.8

1+00

12.8

9.1

3+00

13.1

9.4

13.5

9.8

14.0

10.3

14.0

10.3

50

14.1

10.4

W14400

(cont'd MB 94, Pg. 45)

Plotted Roll 22-A 6-25-56

N. 81+00; 0+00 = W/4, 460 SOUND EAST

Dist Sound Elev Dist Sound Elev

0+00

0.0

+3.7

2+00

(3.7)

1.5

+2.2

~~2.30~~

2.5

+1.2

4.0

0.3

~~35/2.3~~

8.0

4.3

50

11.0

7.3

12.0

8.3

13.0

9.3

13.5

9.8

13.5

9.8

1+00

13.6

9.9

W14360

(cont'd MB 94, Pg. 45)

50

Plotted Roll 22-A

N 82+00; 0+00 = W 14,430 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+00			2+00	13.5	9.9
(3.6)	0.6	+3.0			
	1.5	+2.1	(cont'd MB 94, Pg. 43)		
2.35	2.3	+1.3			
	3.1	+0.5			
50	3.8	0.2			
	5.0	1.4			
	5.5	1.9			
	7.3	3.7			
	9.0	5.4			
1+00	9.1	5.5			
	9.6	6.0			
	10.2	6.6			
	11.1	7.5			
	12.0	8.4			
50	12.8	9.2			
	13.0	9.4			
	13.4	9.8			
	13.8	10.2			
	13.5	9.9			

6-25-56

③

N 83+00; 0+00 = W 14,300 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
* 0+00	2.1	+1.5	2+00		
(3.6)	2.5	+1.1			
2.42	3.0	+0.6			
	4.1	0.5			
	5.2	1.6			
50	7.0	3.4	50		
	8.5	4.9			
	9.9	6.3			
	11.0	6.4			
	11.6	8.0			
1+00	12.5	8.9	3+00		
	13.0	9.4			
	13.2	9.6			
	13.5	9.9			
	13.6	10.0			
50	13.6	10.0			
(cont'd MB 94, Pg. 42)			W 14,150		
			12550		
			1600		

Plotted Roll 22-A

N 84+00; 0+00 = W. 14,200 SOUND EAST

Dist Sound Elev Dist Sound Elev

* 0+00 1.7 +1.8 2+00

(3.5) 2.2 +1.3

2.47 2.9 +0.63.7 0.2

5.0 1.5

50 7.0 3.5

8.2 4.7

9.9 6.4

11.0 7.5

12.1 8.6

1+00 12.9 9.4 450

12.9 9.4

13.0 9.5

13.0 9.5

13.1 9.6

50 13.3 9.8 W14050

(cont p 34) 12550

1500

6-25-56

③

N. 85+00; 0+00 = W. 14,100 SOUND EAST

Dist Sound Elev Dist Sound Elev

* 0+00 0.8 +2.6 2+00 12.0 W13900

(3.4) 1.7 +1.7 8.6

2.33 2.1 +1.3 (cont'd MB 94, p 96)3.0 +0.4

4.2 0.8

50 7.0 3.6

7.0 3.6

8.1 4.7

9.5 6.1

11.0 7.6

1+00 12.4 9.0

12.5 9.1

12.5 9.1

12.6 9.2

12.3 8.9

50 12.4 9.0

12.2 8.8

12.1 8.7

2:56 12.1 8.7

12.1 8.7

6-25-56 990

N86+00; 0+00 = W 13, 990 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.5	+1.8	2+00	11.2	7.9
(3.3)	2.0	+1.3	(3.3)	10.5	7.2 +
3.10	2.5	+0.8		11.0	7.7
2.14	3.2	+0.1		11.2	7.9
	4.6	1.3		10.5	7.2
50	6.5	3.2	50	10.3	7.0
	7.8	4.5		10.1	6.8
	9.2	5.9		10.0	6.7
	10.1	6.8		10.2	6.9
	10.8	7.5	<u>3.15</u>	10.0	6.7
1700	11.2	7.9	3+00	9.3	6.0
	12.0	8.7		9.0	5.7
	11.8	8.5		9.0	5.7
	11.8	8.5		8.5	5.2
	11.8	8.5		7.8	4.5
50	11.5	8.2	50	7.5	4.2
	11.3	8.0		7.5	4.2
	11.0	7.7		7.3	4.0
	11.3	8.0		7.1	3.8
	11.5	8.2		7.2	3.9

N86+00; SOUND EAST Plotted Roll 22-A⁽¹⁰⁾

Dist	Sound	Elev	Dist	Sound	Elev
4+00	7.5	4.3		8.7	5.5
	7.5	4.3	0	9.8	6.6
(3.2)	7.3	4.1		10.2	7.0
	7.1	3.9	(3.2)	10.8	7.6
	7.2	4.0	50	11.5	8.3
50	7.3	4.1		11.3	8.1
	7.5	4.3		12.0	8.8
	7.2	4.0		12.0	8.8
	7.3	4.1		12.0	8.8
	7.8	4.6	7+00	12.5	9.3
5+00	7.8	4.6		12.8	9.6
	7.6	4.4		11.8	8.6
	7.6	4.4		12.0	8.8
	7.8	4.6		12.2	9.0
	7.8	4.6	50	12.7	9.5
50	8.0	4.8	<u>3.25</u>	12.8	9.6
	8.2	5.0		13.2	10.0
	8.3	5.1		12.3	9.1
<u>3.20</u>	8.8	5.0		13.5	10.3
	8.5	5.3	8+00	13.1	9.9
6+00	8.8	5.6			

W 13.190

6-26-56

N. 87+00; 0+00 = W. 13,900 SOUND EAST

Dist Sound Elev Dist Sound Elev

* 0+00 1.7 +2.5 2+00 12.0 7.8

2.0 +2.2 11.8 7.6

1.53 2.5 +1.7 11.5 7.3

2.8 +1.4 (4.2) 11.7 7.5

(4.2) 3.7 +0.5 11.7 7.3

50 4.5 0.3 50 11.6 7.4

6.3 2.1 11.7 7.5

8.0 3.8 11.3 7.1

9.0 4.8 11.3 7.1

9.7 3.5 10.2 6.0

1400 10.0 5.8 3+00 10.0 5.8

10.8 6.6 10.0 }

11.3 7.1 10.0 }

11.8 7.6 1.58 10.0 }

12.2 8.0 10.0 5.8

50 12.0 7.8 50 9.8 5.6

1.55 12.0 7.8 9.3 5.1

12.5 8.5 8.8 4.6

12.4 8.2 8.2 4.0

12.0 7.8 8.0 3.8

N. 87+00; SOUND EAST

Dist Sound Elev Dist Sound Elev

4+00 8.0 3.8 (4.1) 9.1 5.0

(4.2) 7.8 3.6 2.05 9.4 5.3

7.7 3.5 9.7 5.6

2.00 7.8 3.6 9.8 5.7

8.2 4.0 50 9.6 5.5

50 7.8 3.6 9.8 5.7

7.8 3.6 9.9 5.8

7.8 3.6 10.8 6.7

8.1 3.9 11.5 7.4

8.0 3.8 7+00 12.0 7.9

5+00 8.1 3.9 12.4 8.3

8.0 3.8 12.5 8.4

8.0 3.8 12.4 8.3

8.0 3.8 12.6 8.5

8.1 3.9 50 13.1 9.0

50 8.5 4.3 12.8 8.7

2.03 8.8 4.6 12.7 8.6

8.8 4.6 12.8 8.7

9.0 4.8 13.1 9.0

9.0 4.8 8+00 13.8 9.7

6+00 9.0 4.8 14.0 9.9

N. 87+00 SOUND EAST

Dist	Sound	Elev	Dist	Sound	Elev
------	-------	------	------	-------	------

	13.9	9.8			
--	------	-----	--	--	--

(4.1)	12.8	8.7			
-------	------	-----	--	--	--

	13.8	9.7	50		
--	------	-----	----	--	--

50	13.0	8.9			
----	------	-----	--	--	--

	13.5	9.4			
--	------	-----	--	--	--

	13.4	9.3			
--	------	-----	--	--	--

	14.5	10.4			
--	------	------	--	--	--

	14.5	10.4			
--	------	------	--	--	--

9+00	14.8	10.7	W13000		
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2:10

50

10+00

(Contd. from MB 10-22-56 Plotted Roll 22-A (2)
 Fb N^o 90, Pg. 62)

N 98+00; 0+00 = W 11,880 SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
------	-------	------	------	-------	------

0+00	2.0	+4.8	2+00	15.2	8.4
------	-----	------	------	------	-----

10:20	3.0	+3.8		15.8	9.0
-------	-----	------	--	------	-----

	3.6	+3.2	(6.8)	16.0	9.2
--	-----	------	-------	------	-----

(6.8)	4.0	+2.8	10:23	16.0	
-------	-----	------	-------	------	--

	4.3	+2.5		16.0	
--	-----	------	--	------	--

50	4.5	+2.3	50	16.0	
----	-----	------	----	------	--

	4.8	+2.0		16.0	9.2
--	-----	------	--	------	-----

	5.0	+1.8		16.3	9.5
--	-----	------	--	------	-----

	5.2	+1.6		17.2	10.4
--	-----	------	--	------	------

	5.8	+1.0		17.8	11.0
--	-----	------	--	------	------

14+00	6.1	+0.7	3+00	18.0	11.2
-------	-----	------	------	------	------

	6.7	+0.1		17.8	11.0
--	-----	------	--	------	------

	7.8	1.0		17.8	11.0
--	-----	-----	--	------	------

	9.5	2.7		17.5	10.7
--	-----	-----	--	------	------

	11.1	4.3		17.3	10.5
--	------	-----	--	------	------

50	11.8	5.0	50	17.3	10.5
----	------	-----	----	------	------

	13.1	6.3		17.2	10.4
--	------	-----	--	------	------

	13.2	6.4		17.1	10.3
--	------	-----	--	------	------

	14.0	7.2		17.1	10.3
--	------	-----	--	------	------

	14.2	7.4		17.1	10.3
--	------	-----	--	------	------

N 98+00; SOUND WEST					
Dist	Sound	Elev	Dist	Sound	Elev
4+00	17.3	10.7		15.2	8.5
(6.7)	17.2	10.5	(6.7)	15.2	}
<u>10.25</u>	17.3	10.6		15.2	
	17.3	10.6		15.2	}
	17.3	10.6	50	15.2	
50	17.2	10.5		15.8	9.1
	17.2	10.5		16.0	9.3
	17.1	10.4		16.0	9.3
	17.0	10.3		15.9	9.2
	16.2	9.5	7+00	15.8	9.1
5+00	16.1	9.4	<u>10.28</u>	15.5	8.8
	16.0	9.3		15.5	8.8
	16.2	9.5		15.5	8.8
	16.7	10.0		15.8	9.1
	16.4	9.7	50	16.8	10.1
50	17.0	10.3		16.7	10.0
	16.8	10.1		16.8	10.1
	16.7	10.0		16.8	}
	16.4	9.7		16.8	
	16.2	9.5	8+00	16.8	}
6+00	15.5	8.8		16.8	

N 98+00 10-22-56 (23)					
Dist	Sound	Elev	Dist	Sound	Elev
	16.5	9.8		16.0	9.3
(6.7)	16.7	10.0	(6.7)	16.0	}
	16.8	10.1	50	16.0	
50	16.8	10.1		16.0	}
<u>10.30</u>	16.6	9.9		16.0	
	16.7	10.0		16.0	(corr'd MB87, p. 60)
	16.6	9.9		16.0	
	16.6	9.9	11+00	16.0	
9+00	16.5	9.8		15.8	
	16.2	9.5		15.3	
	15.8	9.1		14.7	
	15.8	9.1		12.4	
	16.0	9.3	50	9.5	
50	16.1	9.4	<u>10.33</u>	6.6	
	16.2	9.5		5.0	
	16.2	9.5		5.3	
	16.1	9.4		5.2	
	16.0	9.3	12+00	5.2	
10+00	16.0	}		5.3	
	16.0			5.6	
	16.0	9.3		5.7	

(Contd from 118
N. 90, P. 63)

10-22-56

(1100)

N. 99+00; 0+00 = W 11.850; SOUND WEST

Dist Sound Elev Dist Sound Elev

0+00 3.0 +3.6 2+00 13.2 6.6

(6.6) 3.6 +3.0 (6.6) 13.3 6.7

10.50 3.9 +2.7 14.0 7.4

4.2 +2.4 14.8 8.2

4.8 +1.8 15.5 8.9

50 5.1 +1.5 50 15.8 9.2

5.3 +1.3 15.8 9.2

5.6 +1.0 15.8 9.2

6.1 +0.5 15.9 9.3

6.5 +0.1 15.8 9.2

1+00 7.7 1.1 3+00 15.8 9.2

8.0 1.4 15.7 9.1

8.3 1.7 15.6 9.0

8.5 1.9 15.8 9.2

9.0 2.4 15.6 9.0

50 10.3 3.7 50 16.1 9.5

11.0 4.4 17.0 10.4

11.5 4.9 17.2 10.6

13.0 6.4 17.3 10.7

13.5 6.9 17.4 10.8

N. 99+00 SOUND WEST 10-22-56 (A)

Dist Sound Elev Dist Sound Elev

4+00 17.1 10.6 (6.5) 15.0 8.5

(6.5) 17.0 10.5 16.2 9.7

17.0 10.5 16.2 9.7

16.9 10.4 16.2 9.7

16.9 10.4 50 16.1 9.6

50 16.8 10.3 16.0 9.5

10.55 16.8 10.3 15.8 9.3

16.9 10.4 15.5 9.0

16.8 10.3 15.2 8.7

16.9 10.4 7+00 15.0 8.5

5+00 16.8 10.3 14.7 8.2

16.6 10.1 14.3 7.8

16.7 10.2 14.3 7.8

16.6 10.1 14.2 7.7

16.5 10.1 50 14.2 7.7

50 16.3 9.8 14.1 7.6

16.0 9.5 14.1 7.6

15.7 9.2 14.3 7.8

15.6 9.1 15.5 9.0

15.8 9.3 8+00 15.8 9.3

6+00 15.8 9.3 16.0 9.5

N 99+00; SOUND WEST 10-22-56

Dist	Sound	Elev	Dist	Sound	Elev
(64)	16.1	9.7	(64)	16.4	10.0
	16.2	9.8		16.4	10.0
	16.7	10.3	50	16.6	10.2
50	17.0	10.6		17.0	10.6
	17.0	10.6		17.0	10.6
	17.1	10.7		16.6	10.2
	17.0	10.6		16.5	10.1
	16.8	10.4	11+00	16.4	10.0
9+00	16.8	10.4	(cont'd MB 87, P 58)		
	17.0	10.6			
	17.0	10.6			
	16.7	10.3			
11:00	16.5	10.1			
50	16.3	9.9			
	16.2	9.8			
	16.2	9.8			
	16.2	9.8			
	16.1	9.7			
10+00	16.0	9.6			
	16.0	9.6			
	16.2	9.8			

(cont'd from MB)
F&N: 90, P 96V 10-22-56 Plotted Roll 22-A⁽²⁵⁾

N 96+00; 0+00=W. 12.000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.5	+4.8	2+00	19.0	12.7
(63)	1.3	+5.0	(63)	19.2	12.9
11:15	3.1	+3.2		19.5	13.2
	3.2	+3.1		19.5	13.2
	3.8	+2.5		19.4	13.1
30	4.2	+2.1	50	19.4	13.1
	4.8	+1.5		19.2	12.9
	5.2	+1.1		19.2	12.9
	5.8	+0.5		19.1	12.8
	6.8	0.5		19.0	12.7
1+00	10.5	4.2	3+00	18.5	12.2
	13.2	6.9		18.2	11.9
	14.3	8.0		17.9	11.6
	15.5	9.2		17.3	11.0
	16.1	9.8		15.6	9.3
50	17.1	10.8	50	14.4	8.1
	18.0	11.7		14.3	8.0
	18.1	11.8		14.6	8.3
	18.8	12.5		14.8	8.5
	19.0	12.7		14.9	8.6

N96+00; SOUND WEST 10-22-56			N96+00; SOUND WEST 10-22-56		
Dist	Sound	Elev	Dist	Sound	Elev
4+00	14.8	8.6	(6.2)	15.8	9.6
(6.2)	15.0	8.8		15.8	9.6
11:20	14.9	8.7		15.7	9.5
11:20	14.8	8.6		15.3	9.1
	14.8	8.6	50	15.2	9.0
50	14.9	8.7		15.1	8.9
	14.9	8.7		15.1	8.9
	14.8	8.6		15.0	8.8
	14.7	8.5		14.8	8.6
	14.9	8.7	7+00	14.9	8.7
5+00	15.0	8.8		14.8	8.6
	15.2	9.0		14.8	
	15.9	9.7		14.8	
	15.3	9.1		14.8	8.6
	15.1	8.9	50	15.0	8.8
50	16.0	9.8		15.0	8.8
	16.5	10.3		15.0	8.8
	16.5	10.3		16.2	10.0
	16.3	10.1		16.8	10.6
	16.0	9.8	8+00	17.0	10.8
6+00	15.8	9.6		16.7	10.5

N96+00; SOUND WEST 10-22-56 (16)		
Dist	Sound	Elev
(6.1)	16.2	10.1
11:25	16.0	9.9
11:25	15.8	9.7
50	15.8	9.7
	15.6	9.5
	15.5	9.4
	15.5	9.4
	14.7	8.6
9+00	15.8	9.7
	16.0	9.9
	16.0	9.9
	15.9	9.8
	15.9	9.8
50	16.3	10.2

(Contd MB 87
Pg. 64)

W12950

(Contd from MB
N 990, P 962)

10-22-56

N 97+00; 0+00 - W/2 000; SOUND WEST			SOUND WEST		
Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.6	+2.3	2+00	16.9	11.0
(5.9)	4.2	+1.7	(5.9)	17.5	11.6
11:43	4.6	+1.3		17.3	11.4
5.1	5.1	+0.8		17.6	11.7
50	5.8	+0.1		17.6	11.7
50	8.0	2.1	50	17.0	11.1
	10.1	4.2		16.8	10.9
	11.8	5.9		16.5	10.6
	12.5	6.6		16.5	10.6
1+00	13.0	7.1		16.5	10.6
1+00	13.2	7.3	3+00	16.4	10.5
	14.2	8.3		16.2	10.3
	14.8	8.9		16.3	10.4
	16.0	10.1		16.8	10.9
50	16.8	10.9		16.7	10.8
50	17.0	11.1	50	16.5	10.6
	16.9	11.0		15.8	10.9
	16.9	11.0		15.7	9.8
	16.8	10.9		15.7	9.8
	16.8	10.9		15.5	9.6

N 97+00; SOUND WEST 10-22-56 (7)

Dist	Sound	Elev	Dist	Sound	Elev
4+00	15.5	9.7	(5.8)	15.8	10.0
(5.8)	16.0	10.2	11.50	16.0	10.2
11.48	15.5	9.7	11.50	16.0	10.2
11.50	15.0	9.2		16.0	10.2
	14.8	9.0	50	15.8	10.0
50	15.1	9.3		15.8	10.0
	15.1	9.3		16.0	10.2
	14.9	9.1		16.0	10.2
	14.8	9.0		16.0	10.2
	14.3	8.5	7+00	15.9	10.1
5+00	14.2	8.4		15.9	10.1
	14.1	8.3		16.0	10.2
	14.1	8.3		15.9	10.1
	14.3	8.5		15.8	10.0
	15.5	9.7	50	15.8	10.0
50	15.8	10.0		15.7	9.9
	15.9	10.1		15.3	9.5
	15.6	9.8		15.0	9.2
	15.0	9.2	8+00	15.1	9.3
	15.3	9.5	8+00	15.4	9.6
6+00	15.8	10.0		15.5	9.7

N97+00; SOUND WEST 10-22-56

Dist	Sound	Elev
(5.7)	15.2	9.5
	15.2	9.5
50	15.3	9.6
50	14.8	9.1
1152	14.7	9.0
	14.8	9.1
	14.9	9.2
9+00	15.0	9.3
9+00	15.0	9.3
	15.1	9.4
	15.1	9.4
	15.2	9.5
50	15.2	9.5
50	15.7	9.0

(Cont'd NB 87, P. 62)

10-25-56 Plotted Roll 22-A (2)

N95+00; 0+00 = W12,000; SOUND WEST		
Dist	Sound	Elev
0+00	2+00	17.2 12.8
(4.3)	(4.4)	17.4 13.0
9:55	9:58	18.0 13.6
2	3	18.1 13.7
		18.5 14.1
50	50	18.8 14.4
0.8	+3.5	19.0 14.6
1.2	+3.1	19.3 14.9
1.5	+2.8	19.1 14.7
2.0	+2.3	19.2 14.8
1+00	2.8 +1.5	3+00 19.2 14.8
	3.2 +1.1	19.1 14.7
	3.8 +0.5	18.8 14.4
	4.2 +0.1	17.8 13.4
	9.0 4.7	16.6 12.2
50	12.8 8.5	50 15.0 10.6
	14.3 10.0	14.0 9.6
	15.4 11.1	13.2 8.8
	16.5 12.2	13.0 8.6
	17.0 12.7	13.0 8.6

N. 95+00; SOUND WEST			10-25-56		
Dist	Sound	Elev	Dist	Sound	Elev
4+00	13.0	8.6	(4.4)	14.0	9.6
(4.4)	13.0			13.8	9.4
<u>10:00</u>	13.0			13.6	9.2
	13.0			13.3	8.9
	13.0	8.6	50	13.3	8.9
50	13.2	8.8		13.4	9.0
	13.6	9.2	<u>10:03</u>	13.2	8.8
	13.8	9.4	<u> </u>	13.0	8.6
	13.8	9.4		13.1	8.7
	14.0	9.6	7+00	12.9	8.5
5+00	13.7	9.3			
	13.3	8.9			
	13.2	8.8			
	12.8	8.4			
	13.1	8.7			
50	14.4	10.0			
	14.3	9.9			
	14.3	9.9			
	14.3	9.9			
	14.2	9.8			
6+00	14.1	9.7			

N. 94+00; 0+00 = W 12,090 SOUND WEST			10-25-56 Plotted Roll 22-A		
Dist	Sound	Elev	Dist	Sound	Elev
0+00			2+00	19.7	15.2
(4.5)	1.0	+3.5	(4.5)	19.7	15.2
<u>10:12</u>	1.7	+2.8		19.2	14.7
<u> </u>	1.8	+2.7	<u>10:15</u>	19.2	14.7
	2.3	+2.2	<u> </u>	19.5	15.0
50	3.0	+1.5	50	19.1	14.6
	3.3	+1.2		19.0	14.5
	4.0	+0.5		18.2	13.7
	4.7	0.2		16.2	11.7
	9.0	4.5		15.5	11.0
1+00	12.5	8.0	3+00	15.0	10.5
	13.2	8.7		14.2	9.7
	15.1	10.6		14.0	9.5
	16.0	11.5		14.0	9.5
	17.0	12.5		14.1	9.6
50	17.8	13.3	50	14.3	9.8
	19.2	14.7		14.2	9.7
	19.6	15.1		14.2	9.7
	20.0	15.5		14.3	9.8
	20.0	15.5		14.2	9.7

N. 94+00; SOUND WEST 10-25-56

DIST SOUND ELEV DIST SOUND ELEV

4+00	14.2	9.7	14.4	9.9
(4.5)	14.0	9.5		
	14.2	9.7		
	14.2	9.7		
	14.2	9.7		
50	15.0	10.5		
	16.1	11.6		
	16.2	11.7		
	16.1	11.6		
	16.2	11.7		
5+00	16.3	11.8		
	16.0	11.5		
	15.1	10.6		
10/18	14.8	10.3		
<u>14.8</u>	14.8	10.3		
50	14.5	10.0		
	14.7	10.2		
	15.1	10.6		
	15.0	10.5		
	15.0	10.5		
6+00	15.0	10.5		

~~3309~~ 10-25-56 580 (20)

N. 93+00; 0+00 = W 12,150 SOUND WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00	1.2	+3.4	2+00	19.9	15.3
(4.6)	1.8	+2.8	(4.6)	19.5	14.9
1028	2.1	+2.5		19.3	14.7
<u>2.5</u>		+2.1		18.9	14.3
	2.8	+1.8	1030	18.0	13.4
50	3.3	+1.3	50	17.2	12.6
	3.8	+0.8		16.7	12.1
	4.3	+0.3		16.3	11.7
	11.3	6.7		16.2	11.6
	13.5	8.9		16.5	11.9
1+00	14.2	9.6	3+00	16.4	11.8
	15.8	11.2		15.9	11.3
	17.0	12.4		15.2	10.6
	17.2	12.6		14.8	10.2
	18.7	14.1		14.2	9.6
50	19.0	14.4	50	14.0	9.4
	19.2	14.6		13.8	9.2
	19.6	15.0		13.8	9.2
	19.7	15.1		13.9	9.3
	20.0	15.4		14.0	9.4

N. 93+00; SOUND WEST. 10-25-56

Dist	Sound	Elev	Dist	Sound	Elev
4+00	13.9	9.2			
(4.7)	13.5	8.8			
	13.5	8.8			
	14.9	10.2			
	15.0	10.3			
50	15.0	10.3			
	15.1	10.4			
	15.0	10.3			
10.33	15.0	10.3			
<u> </u>	14.9	10.2			
5+00	14.8	10.1			
	14.9	10.2			
	14.8	10.1			
	14.3	9.6			
	14.5	9.8			
50	14.3	9.6			
	14.1	9.4			
	14.0	9.3			
	14.1	9.4			
	14.4	9.7			
6+00	14.5	9.8			

(Copied from 10-25-56 Plotted Roll 22-A
Pg 33)
N. 92+00; 0+00 = W. 12200 SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.3	+3.4	2+00	21.0	16.2
(4.7)	2.0	+2.7	(4.8)	21.2	16.4
10.40	2.3	+2.4		21.0	16.2
<u> </u>	2.8	+1.9		20.5	15.7
	3.2	+1.5		19.7	14.9
50	3.8	+0.9	50	19.0	14.2
	4.5	+0.2	10.45	18.1	13.3
	6.5	1.8	<u> </u>	17.5	12.7
	11.3	6.6		17.2	12.4
	13.0	8.3		16.8	12.0
1+00	14.8	10.1	3+00	16.3	11.5
	15.5	10.8		16.0	11.2
	16.2	11.5		16.0	11.2
	17.2	12.5		15.6	10.8
	17.8	13.1		15.1	10.3
50	18.3	13.6	50	15.0	10.2
	20.0	15.3		14.9	10.1
	20.7	16.0		14.7	9.9
	21.0	16.3		14.4	9.6
	21.0	16.3		14.5	9.7

N. 92+00; SOUND WEST 10-25-56

Dist Sound Elev Dist Sound Elev

4+00 14.9 10.1

(4.8) 15.0 10.2

15.1 10.3

15.1 10.3

15.0 10.2

50 14.3 9.5

(Contd from 1933) 10-25-56

N. 91+00; 0+00 = W 12.250 SOUND WEST

Dist Sound Elev Dist Sound Elev

0+00 1.8 +3.1 2+00 21.2 16.3

(4.9) 2.2 +2.7 (4.9) 21.3 16.4

10.53 2.8 +2.1 21.8 16.9

3.1 +1.8 21.9 17.0

3.5 +1.4 22.0 17.1

50 4.0 +0.9 50 21.8 16.9

4.8 +0.1 21.0 16.1

7.1 2.2 20.0 15.1

9.1 4.2 19.0 14.1

12.0 7.1 18.2 13.3

14.0 14.1 9.2 3+00 17.1 12.2

16.5 11.6 16.4 11.5

17.5 12.6 10.58 15.2 10.3

18.8 13.9 15.1 10.2

19.1 14.2 15.3 10.4

50 20.0 15.1 50 15.5 10.6

20.0 15.1 15.3 10.4

20.5 15.6 15.4 10.5

20.8 15.9 15.2 10.3

21.1 16.2 15.2 10.3

4+00 15.2 10.3

N 90+00; 6+00 = W 12160 SOUND WEST

(Contd from Pg 33)
Dist Sound Elev

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.7	+4.3	(3.0)	4.8	+0.2
(3.0)	1.4	+3.6	11:12	5.5	0.5
11:08	2.0	+3.0		9.5	4.5
	2.6	+2.4		13.0	8.0
	2.9	+2.1	50	15.2	10.2
50	2.2	+2.8		16.9	11.9
	2.5	+2.5		18.5	13.5
	3.0	+2.0		19.0	14.0
	4.2	+0.8		19.0	14.0
	4.3	+0.7	3+00	19.5	14.5
1+00	3.5	+1.5		20.5	15.5
	3.6	+1.4		21.0	16.0
	4.0	+1.0		22.5	17.5
	4.0	+1.0		23.3	18.3
	4.1	+0.9	50	23.5	18.5
50	4.2	+0.8	11:15	23.2	18.2
	4.2	+0.8		22.5	17.5
	4.8	+0.2		21.5	16.5
	4.5	+0.5		21.2	16.2
	3.5	+1.5	4+00	21.0	16.0
2+00	4.2	+0.8		19.1	14.1

11-25-56

(23)

N 90+00; SOUND WEST Plotted Roll 22-A

Dist	Sound	Elev	Dist	Sound	Elev
(5.0)	17.0	12.0			
	16.1	11.1			
	15.9	10.9			
50	15.5	10.5			
	15.0	10.0			
50	14.3	9.3			
	14.0	9.0			
	14.2	9.2			
5+00	14.1	9.1			
	14.8	9.8			
	14.7	9.7			
	14.8	9.8			
	15.5	10.5			
50	17.0	12.0			
	18.3	13.3			
	18.0	13.0			
	17.0	12.0			
	14.5	9.5			
6+00	18.0	13.0			

(Contd from Pg 33) 10-25-56

N 89+00; SOUND WEST 10-25-56

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.2	+4.9	2+00	1.5	+3.6
(5.1)	0.2	+4.9	(5.1)	1.2	+3.9
	0.3	+4.8		1.2	
<u>11:30</u>	0.3	+4.8		1.2	
	0.4	+4.7		1.2	+3.9
50	0.5	+4.6	50	1.4	+3.7
	0.4	+4.6		1.5	+3.6
	0.8	+4.3		1.7	+3.4
	1.8	+3.3	<u>11:35</u>	2.0	+3.1
	2.9	+2.2		2.1	+3.0
1+00	3.6	+1.5	3+00	2.0	+3.1
	4.0	+1.1		2.0	
	4.1	+1.0		2.0	
	4.0	+1.1		2.0	+3.1
	3.9	+1.2		2.1	+3.0
50	3.1	+2.0	50	2.2	+2.9
	2.8	+2.3		2.8	+2.3
	2.3	+2.8		2.9	+2.2
	2.0	+3.1		2.9	+2.2
	1.8	+3.3		2.9	+2.2

N 89+00; SOUND WEST 10-25-56 (24)

Dist	Sound	Elev	Dist	Sound	Elev
4+00	3.1	+2.1	(5.2)	21.0	15.8
(5.2)	3.4	+1.8	<u>11:42</u>	20.1	14.9
	4.0	+1.2		19.7	14.5
<u>11:38</u>	4.2	+1.0		18.1	12.9
	4.8	+0.4	50	17.1	11.9
50	6.7	-1.5		17.0	11.8
	9.0	3.8		16.4	11.2
	12.0	6.8		15.8	10.6
	13.2	8.0		15.0	9.8
	15.3	10.1	7+00	15.3	10.1
5+00	17.1	11.9		15.5	10.3
	18.0	12.8		15.8	10.6
	19.5	14.3		15.7	10.5
	20.5	15.3		15.8	10.6
	22.0	16.8	50	15.6	10.4
50	22.3	17.1		15.0	9.8
	23.0	17.8		15.1	9.9
	22.8	17.6		15.3	10.1
	22.3	17.1		16.0	10.8
	22.2	17.0	8+00	16.1	10.9
6+00	21.8	16.6			

(900)

10-25-56

N 88+00; 0+00 = W 12000; SOUND WEST

Dist Sound Elev Dist Sound Elev

0+00 2.2 +3.1 2+00

(5.3) 3.8 +1.511.57 4.1 +1.2

Plotted Roll 22-A

4.1 +1.2

4.0 +1.3

50 3.8 +1.5

3.8 +1.5

3.2 +2.1

2.5 +2.8

1.5 +3.8

1+00 1.2 +4.1

N 87+00; 0+00 = W 12000; SOUND EAST

0+00 2.0 +3.3 3.2 +2.1

3.0 +2.3 1.0 +4.3

12.03 3.0 +2.3 1+003.2 +2.1

3.8 +1.5

50 3.8 +1.5

3.5 +1.8

3.5 +1.8

N 86+00; 0+00 = W 12000 SOUND EAST (25)

Dist Sound Elev Dist Sound Elev

0+00 1.6 +3.7

(5.3) 2.1 +3.212.13 0.8 +4.50.5 +4.8

0.6 +4.7

50 1.0 +4.3

2.9 +2.4

3.6 +1.7

3.4 +1.9

3.2 +2.1

1+00 3.6 +1.7

3.2 +2.1

2.0 +3.3

Set Lath 0.0 +5.3

Cont'd from Pg 33) 10-25-56

N 88+00; 0+00 = W 12400			SOUND WEST		
Dist	Sound	Elev	Dist	Sound	Elev
0+00			2+00	19.0	13.7
(3.4)	0.5	+4.9	(53)	19.2	13.9
1.40	0.8	+4.6		19.8	14.5
<u>2.0</u>	2.0	+3.4	<u>1.43</u>	20.5	15.2
	2.5	+2.9		20.4	15.1
50	2.7	+2.7	50	20.6	15.3
	3.7	+1.7		20.8	15.5
	2.8	+2.6		20.3	15.0
	3.2	+2.2		20.0	14.7
	3.5	+1.9		19.0	13.7
1700	3.8	+1.6	3+00	18.5	13.2
	4.0	+1.4		18.7	13.4
	4.8	+0.6		17.8	12.5
	5.0	+0.4		16.8	11.5
	10.2	4.8		16.1	10.8
50	12.0	6.6	50	16.0	10.7
	14.1	8.7		16.0	10.7
	15.2	9.8		16.0	10.7
	16.3	10.9		16.2	10.9
	17.5	12.1		16.2	10.9

N. 88+00; SOUND WEST 10-25-56 (26)

Dist	Sound	Elev	Dist	Sound	Elev
4+00	16.0	10.7			
(5.3)	15.5	10.2			
1.45	15.2	9.9			
<u>2.0</u>	16.0	10.7			
	15.5	10.2			
50	15.6	10.3			
	15.5	10.2			
	15.7	10.4			
	15.8	10.5			
	14.9	9.6			
5+00	16.0	10.7			

Plotted Roll 22-A

Cont'd from p. 39) 10-25-56

N 87+00; 0+00 = W 12.500			SOUND WEST		
Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.7	+4.5	2+00	20.0	14.8
(52)	2.0	+3.2	(52)	21.0	15.8
<u>21.00</u>	2.0	+3.2		21.0	15.8
<u>2</u>	2.5	+2.7		21.2	16.0
	2.8	+2.4		21.0	15.8
50	2.8	+2.4	50	22.2	17.0
	2.8	+2.4		22.2	17.0
	3.0	+2.2		22.2	17.0
	3.5	+1.7		22.5	17.3
	3.9	+1.3		22.5	17.3
1+00	4.5	+0.7	3+00	22.5	17.3
	5.0	+0.2		22.0	16.8
	6.1	0.9		21.2	16.0
	8.2	3.0		20.8	15.6
	12.0	6.8		19.3	14.1
50	13.8	8.6	50	19.2	14.0
	14.8	9.6		18.8	13.6
	16.7	11.5		18.5	13.3
	17.8	12.6		18.2	13.0
	19.2	14.0		17.1	11.9

N 87+00; SOUND WEST 10-25-56 (27)

Dist	Sound	Elev	Dist	Sound	Elev
4+00	17.0	11.8			
(52)	16.8	11.6			
	16.5	11.3			
	16.1	10.9			
	15.8	10.6			
50	16.0	10.8			
	16.1	10.9			
	15.8	10.6			
<u>2105</u>	15.9	10.7			
<u>5</u>	15.6	10.4			
5+00	15.5	10.3			
	15.5	10.3			
	14.8	9.6			
50					
6+00					

(Contd from Pg. 34) 10-25-56

N. 86+00; 0+00 = W 12,600 SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.8	+4.3	2+00	10.8	5.7
(5.1)	1.5	+3.6	(5.1)	9.8	4.7
<u>2:17</u>	2.0	+3.1	<u>2:20</u>	10.0	4.9
	2.3	+2.8		10.5	5.4
	2.5	+2.6		11.0	5.9
50	2.5	+2.6	50	12.5	7.4
	2.6	+2.5		14.0	8.9
	2.8	+2.3		14.4	9.3
	3.0	+2.1		15.3	10.2
	2.8	+2.3		16.0	10.9
1+00	3.0	+2.1	3+00	16.5	11.4
	3.1	+2.0		17.0	11.9
	3.5	+1.6		17.0	11.9
	3.6	+1.5		17.5	12.4
	4.0	+1.1		18.5	13.4
50	4.5	+0.6	50	18.2	13.1
	4.8	+0.3		18.2	13.1
	7.0	1.9		18.2	13.1
	10.0	4.9		18.0	12.9
	11.2	6.1		17.5	12.4

N. 86+00; SOUND WEST Plotted Roll 22-A⁽²⁸⁾

Dist	Sound	Elev	Dist	Sound	Elev
4+00	17.5	12.4			
(5.0)	16.8	11.8			
	16.5	11.3			
	16.0	11.0			
	15.5	10.5			
50	16.2	11.2			
	16.2	11.2			
<u>2:25</u>	16.0	11.0			
	16.1	11.1			
	16.0	11.0			
5+00	15.7	10.7			
	15.2	10.2			
	15.8	10.8			
	15.1	10.1			
	14.7	9.7			
50	14.8	9.8			
	14.8	9.8			
	14.5	9.5			
	14.5	9.5			
	14.2	9.2			
6+00	14.5	9.5			

contd. MB 89-10

10-29-56
N109+00; 0+00 = W12,000

Sta	+	H.I	-	Elev
0		14.11	10.8	3.3
W100			10.5	3.6
W200			10.3	3.8
W300			10.3	3.8
W370				
W375 (Contd Pg 40)			10.2	3.9

N. 108+00; 0+00 = W12,000

0 (Contd from MB91, Pg 53)			11.2	2.9
W100			11.2	2.9
W133			11.0	3.1
W200			9.7	4.4
W300			9.6	4.5
W335			9.9	4.2

(Contd Pg 40)

STA 110+00; 0+00 = W12,000 10-29-56 (29)
CROSS SECTION LAPATERA ISLAND

Sta	+	H.I	-	Elev
TBM.				6.20 W12000
		1.51	7.71	
TP.			5.00	2.71

		11.40	14.11	
0 (Contd from MB93, Pg. 38)				
0			10.2	3.9
W100			9.9	4.2
W200			9.8	4.3
W300			10.0	4.1
W400			11.2	2.9

(Contd Pg. 39)

(Plotted R-18)

W12,400
(Set Hub)

(Plotted Roll 18)

(W12330 set stake)

(MB90, Pg. 62)
"2X2" Hub
N. 9500

N. 111+00; 0+00 = W. 12,000 10-29-56

Sta	H.I.	Elev
	14.11	
0		8.4 5.7
E 60		7.3 6.8
E 100		9.0 5.1
E 183		10.2 3.9
E 200		11.8 2.3
W 100		8.9 5.2
W 200		9.2 4.9
W 300		9.9 4.2
W 400		10.3 3.8

W12400
Set 5/16

N. 112+00; 0+00 = W. 12,000 10-29-56 (30)

Sta	H.I.	Elev
0	14.11	6.6 7.5
E 100		6.2 7.9
E 200 (Contd from MB93, P926)		7.7 6.4
E 270		12.0 2.1
W 100		7.8 6.3
W 200		8.5 5.6
W 300		9.4 4.7
W 400		10.0 4.1

Plotted
Roll 18

Set 5/16.
W12400

N. 113+00; 0+00 = W. 12,000

0		5.8 8.3
E 70		4.4 9.7
E 100		5.3 8.8
E 200		6.7 7.4
E 290		9.6 4.5
E 300		10.3 3.8
W 100		6.6 7.5
W 170		5.8 8.3
W 200		6.5 7.6
W 300		8.4 5.7
W 400		9.6 4.5

Set 5/16.
W12400

N. 114+00; 0+00 = W 12,000 10-29-56

Sta	+	H.I	-	Elev
0		14.11	2.9	11.2 (Plotted Roll 1B)
E 100			4.3	9.8
E 130			3.7	10.4
E 200			5.6	8.5
E 300 (cont'd from MB 91, P 933)			9.0	5.1
W 40			1.8	12.3
W 100			4.1	10.0
W 180			4.1	10.0
W 200			4.5	9.6
W 300			7.5	6.6
W 400			9.3	4.8

Set stk.
W 12400

N. 115+00; 0+00 = W. 12,000

(31)

Sta	+	H.I	-	Elev
0		14.11	3.3	10.8
E 100			4.5	9.6
E 160			3.6	10.5
E 200			5.5	8.6
E 300			8.2	5.9
E 380			10.5	3.6
W 100			1.9	12.2
W 200			4.0	10.1
W 300			7.0	7.1
W 400			9.0	5.1

Set stk.
W 12400

N.116+00; 0+00 = W12,000 10-29-56

Sta	+	H.I.	-	Elev
0		14.11	4.3	9.8
E 100			4.9	9.2
E 200			6.1	8.0
E 300			8.5	5.6
E 350 (Contd from MB9, P93)			9.6	4.5
W 100			4.4	9.7
W 190			4.5	9.6
W 200			6.0	8.1
W 300			8.0	6.1
W 400			10.0	4.1

Set stk.
W12400

N.117+00; 0+00 = W.12,000

Sta	+	H.I.	-	Elev
0		14.11	8.0	6.1
E 100			8.3	5.8
E 200			8.5	5.6
E 300			9.9	4.2
W 100			7.9	6.2
W 200			8.2	5.9
W 300			8.8	5.3
W 370			10.9	3.2

set stk
W12370

N.118+00; 0+00 = W12,000

0 (Contd from MB9, P928)			9.8	4.3
W 100			9.1	5.0
W 200			9.3	4.8
W 300			10.7	3.4

(Contd P938)

T.B.M.			7.61	6.50
T.B.M.			3.39	10.72

"2x2" Hubs
N11,104 0/3
W12,000
N11,600
W12,000

(Lapatera Island)

N 96+00; 0+00 = W 12,000 10-30-56

Sta	+	H.I	-	Elev
T.B.M.	3.78	9.98		6.20 ^{N 95+00} W 12000

0				
W 13		5.4		4.6

N 95+00; 0+00 = W 12,000

0		5.1		4.9
W 57		5.3		4.7

N 94+00; 0+00 = W 12,000

W 90		5.2		4.8
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W 93		5.4		4.6
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N 93+00; 0+00 = W 12,000

0		5.1		4.9
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W 100		5.1		4.8
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W 136		5.5		4.5
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W 150		6.6		3.4 ^{stk.} W 12150
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N 92+00; 0+00 = W 12,000 Plotted Roll 22A

W 100		5.6		4.4
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W 188		5.2		4.8
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W 200 (cont'd Pg. 21)		6.5		3.5
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N 91+00; 0+00 = W 12,000

Sta	+	H.I	-	Elev
0		9.98		5.2 4.8

W 100		5.1		4.9
-------	--	-----	--	-----

W 200		5.0		5.0
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W 241 (cont'd Pg. 22)		5.6		5.5 ^{set site} W 12240
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N 90+00; 0+00 = W 12,000 Plotted Roll 22A

W 100		5.0		5.0
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W 160 (cont'd Pg. 23)		5.6		4.4 ^{stk} W 12160
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N 89+00; 0+00 = W 12,000

0		5.3		4.7
---	--	-----	--	-----

W 82		6.4		3.6
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W 96 (cont'd Pg. 24)		8.1		1.9
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N 88+00; 0+00 = W 12,000

W 100		6.0		4.0
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W 260 ^(see Soundings Pg. 25)		5.4		4.6
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W 300		5.2		4.8
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W 400 (cont'd Pg. 26)		5.0		5.0
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T.P.		3.32		6.66
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3.84 10 50

N 87+00; 0+00 = W 12000 10-30-56

Sta	H. I	Elev
0	10.50	7.5 3.0
W 100		6.0 4.5
W 200		6.0 4.5
W 300		5.5 5.0
W 400		5.3 5.2
W 500 (cont'd Pg. 27)		6.0 4.5

N 86+00; 0+00 = W 12,000 Plotted Roll 22-A

W 100	5.6	4.9
W 200	5.4	5.1
W 300	5.5	5.0
W 400	5.2	5.3
W 500	5.0	5.5
W 600 (cont'd Pg. 28)	6.2	4.3

N 85+00; 0+00 = W 12,000

0	5.6	4.9
W 100	5.4	5.1
W 200	5.4	5.1
W 300	5.2	5.3
W 400	5.2	5.3
W 500	4.9	5.6
W 600 (cont'd MB 94 Pg. 5)	5.8	4.7

Set Stk.
W 12600

N 84+00; 0+00 = W 12,000

Plotted Roll 22-A

Sta	H. I	Elev
W 100	10.50	5.3 5.2
W 200		5.2 5.3
W 300		5.1 5.4
W 400		4.9 5.6
W 500		5.0 5.5
W 550 (cont'd MB 94 Pg. 7)		5.5 5.0

(Set Lath)
W 12550

N 83+00; 0+00 = W 12,000

0	5.4	5.1
W 100	5.2	5.3
W 200	5.1	5.4
W 300	4.7	5.8
W 400	4.8	5.7
W 480 (cont'd MB 94 Pg. 9)	5.3	5.2

(Set Lath)
W 12480

N 82+00; 0+00 = W 12,000 Plotted Roll 22-A

W 100	5.1	5.4
W 200	4.8	5.7
W 300	4.8	5.7
W 400	5.0	5.5

(Set Lath)
W 12400

cont MB 94 Pg. 9)

N 81+00; 0+00 = W 12000 10-30-56

Sta	+	H.I	-	Elev
0		10.50	5.1	5.4
W 100			4.9	5.6
W 200	303		4.7	5.8
W 300			4.9	5.6
W 330 (Cont'd MB 94, P 910)			5.1	5.4

(Set last) W 12330

N 80+00; 0+00 = W 12,000

W 100			4.7	5.8
W 200			4.6	5.9
W 260 (Cont'd MB 94, P 910)			5.0	5.5

N 79+00; 0+00 = W 12,000

0			4.4	6.1
W 100			4.4	6.1
W 170 (Cont'd MB 94, P 911)			4.8	5.7

N 78+00; 0+00 = W 12,000

W 70			4.40	6.1
TBM			3.45	7.05

N 8,000
W 12,000
2x2 Hub
(MB 90 P 95)

N 125+00; 0+00 = W 12,000 10-30-56 (35)

Sta	+	H.I	-	Elev
TBM	0.15	10.87		10.72
TP	4.12	10.63	4.36	6.51
0 (Cont'd P 9, 49)			8.1	2.5
E 100			7.9	2.7
E 200			6.9	3.7
E 300			5.9	4.7
E 400			5.2	5.4
E 500			5.6	5.0
E 600			6.3	4.3
E 630			6.6	4.0
E 700			7.5	3.1
E 800			8.5	2.1

N 11600
W 12000

N 126+00; 0+00 = W 11,800 (Plotted Roll 23)

0 (Cont'd from MB 91, P 918)			6.4	4.2
E 100			4.0	6.6
E 200			3.3	7.3
E 300			2.6	8.0
E 400			4.5	6.1
E 420			5.6	5.0

N. 127+00; 0+00 = W. 12,000 10-30-56

N. 129+00; 0+00 = W. 12,000 10-31-56 (36)

Sta	+	H.I.	-	Elev
0	(Cont'd P9.50)	10.63	7.8	2.8
E 65			5.2	5.4
E 100			6.2	4.4
E 200			5.0	5.6
E 300			3.7	6.9
E 400			3.4	7.2
E 500			3.4	7.2
E 600			3.1	7.5
E 700			5.4	5.2
E 800			7.6	3.0

N. 128+00; 0+00 = W. 12,000 (Plotted Roll 23)

0	(Cont'd P9.51)	7.9	2.7
E 50		6.3	4.3
E 100		5.1	5.5
E 140		3.6	7.0
E 200		2.9	7.7
E 300		2.7	7.9
E 400		3.0	7.6
E 500		4.8	5.8
E 600		4.4	6.2
E 700		3.8	6.8
E 800	Cont'd from N.B. 23 P9.16)	6.2	4.4

Sta	+	H.I.	-	Elev
T.B.M.		10.63	1.43	9.20
		1.43	10.63	
T.P.			4.12	6.51
		4.80	11.31	
T.B.M.			0.59	10.72
T.B.M.	3.10	12.30		9.20
0	(Cont'd P9.51)		8.4	3.9
E 100			7.3	5.0
E 170			5.3	7.0
E 200			5.4	6.9
E 300			5.2	7.1
E 400			5.8	6.5
E 500			6.6	5.7
E 600			7.2	5.1
E 700			5.2	7.1
E 750			3.9	8.4
E 800			6.3	6.0
E 870			8.7	3.5

Nail Top 6x6"
Post N. 12800
W. 11,874

(Contd from MS9), Pg 26

10-31-56

N120+00; 0+00 = W12000 SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.3	+1.2	2+00	8.2	3.9
<u>955</u>	3.2	+1.3	(43)	9.0	4.7
<u>2</u>	3.2	+1.3		10.0	5.7
(45)	3.3	+1.2		11.1	6.8
	3.2	+1.3		11.2	6.9
50	3.1	+1.4	50	11.2	6.9
	3.0	+1.5		11.0	6.7
	3.0	+1.5		10.8	6.5
	3.0	+1.5		10.0	5.7
	2.9	+1.6		8.5	4.2
1+00	3.1	+1.4	3+00	7.0	2.7
	3.0	+1.5		5.2	0.9
	3.2	+1.3	<u>9:58</u>	4.5	0.2
	3.8	+0.7		3.2	+1.1
	4.0	+0.5		2.5	+1.8
50	3.2	+1.3	50	1.2	+3.1
	3.2	+1.3	(contd Pg. 53)		
	3.7	+0.8			
	5.0	0.5			
	7.0	2.5			

10-31-56

(37)

N119+00; 0+00 = W12000 SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.2	+3.0	2+00	2.2	+2.0
10:03	1.8	+2.4	(42)	2.1	+2.1
(42)	1.5	+2.7		2.1	+2.1
	1.5	+2.7		2.9	+1.3
	1.8	+2.4		3.6	+0.6
50	1.7	+2.5	50	5.3	1.1
	1.7	+2.5		7.0	2.8
	1.7	+2.5		9.2	5.0
	1.6	+2.6		10.8	6.6
	1.8	+2.4		11.5	7.3
1+00	1.9	+2.3	3+00	12.2	8.0
	1.9	+2.3		12.3	8.1
	2.0	+2.2		12.1	7.9
<u>10:05</u>	2.0	+2.2		11.6	7.4
	2.2	+2.0		10.8	6.6
50	2.3	+1.9	50	9.5	5.7
	2.2	+2.0		8.5	4.3
	2.1	+2.1		7.2	3.0
	2.1	+2.1		5.3	1.1
	2.2	+2.0		3.8	+0.4

N. 119+00; SOUND WEST 10-31-56

Dist Sound Elev Dist Sound Elev

4+00 2.9 +1.2

(4.1) 2.0 +2.1

10:10. 0.8 +3.3

(Set Lath) 0.3 +3.8 (cont'd Pg. 53)

N. 118+00; 0+00 = W 12,300; SOUND WEST

0+00 2.2 +3.4 (5.6) 8.3 2.7

(5.6) 2.9 +2.7 6.0 0.4

10:07 3.2 +2.4 4.2 +1.4

4.3 +1.3 3.5 +2.1

5.8 0.2 2+00 2.0 +3.6

50 8.8 3.2 (cont'd Pg. 53)

10.0 4.4

11.5 5.9

12.3 6.7

13.0 7.4

1+00 13.2 7.6

13.2 7.6

13.2 7.6

13.0 7.4

12.3 6.7

50 11.0 5.4

10-31-56

(33)

N. 121+00; 0+00 = W 12,000; SOUND WEST

Dist Sound Elev Dist Sound Elev

0+00 2.3 +1.7 2+00 9.7 5.8

(4.0) 2.3 +1.7 (3.9) 9.5 5.6

10:17 2.2 +1.8 8.8 4.9

2.2 +1.8 7.8 3.9

2.1 +1.9 7.2 3.3

50 2.1 +1.9 50 6.8 2.9

2.0 +2.0 5.9 2.0

2.0 +2.0 4.9 1.0

2.0 +2.0 3.9 0.0

1.8 +2.2 3.1 +0.8

1+00 1.9 +2.1 3+00 1.8 +2.1

2.1 +1.9 1.1 +2.8

2.8 +1.2 0.8 +3.1

4.0 0.0 0.6 +3.3

5.7 1.7 0.2 +3.7

50 7.2 3.2 50 (Set Lath)

8.3 4.3 (cont'd Pg. 53)

8.6 4.6

9.1 5.1

9.6 5.6

11-2-56

N 122+00; 0+00 = W 12,000; SOUND WEST

(Contd from Pg. 29)

10-31-56 (Plotted R-18) (39)

N 110+00; 0+00 = W 12,400; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev	Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.2	+2.3	2+00	8.8	3.4	0+00	0.6	+3.0	2+00	13.0	9.4
(5.5)	3.1	+2.4	(5.4)	7.3	1.9	(3.6)	1.0	+2.6			
<u>10.15</u>	3.1	+2.4	<u>10.18</u>	6.8	1.4	<u>10.33</u>	1.3	+2.3			
	3.2	+2.3		6.3	0.9		1.9	+1.7			
	3.3	+2.2		5.0	+0.4		2.3	+1.3			
50	3.2	+2.3	50	4.1	+1.3	50	3.0	+0.6	50		
	3.1	+2.4		3.2	+2.2		3.5	+0.1			
	3.8	+1.7		2.1	+2.3		6.8	3.2			
	3.5	+2.0		1.8	+3.6		10.0	6.4			
	3.9	+1.6		1.5	+3.9		11.1	7.5			
1+00	4.7	+0.8	3+00	1.4	+4.0	1+00	11.5	7.9	3+00		
	5.4	+0.1		1.3	+4.1		11.7	8.1			
	6.5	1.0		1.0	+4.5		12.0	8.4			
	8.2	2.7		0.8	(set lot 1) W 12330 + 4.6		12.1	8.5			
	9.0	3.5	(Contd Pg 53)				12.2	8.6			
50	9.6	4.1				50	12.3	8.7			
	9.8	4.3					12.8	9.2			
	9.8	4.3					12.9	9.3			
	9.8	4.3					12.9	9.3			
	9.2	3.7					13.0	9.4			

(Contd from P940) 10-31-56

N. 109+00; 0+00 = W 12,370; SOUND WEST

Dist Sound Elev Dist Sound Elev

0+00 2+00 12.0 8.5

(3.5) 0.8 +2.7

10:42 1.5 +2.0

2.2 +1.3

3.0 +0.5

50 3.9 0.4

8.8 5.3

11.1 7.6

11.8 8.3

12.0 8.5

1+00 11.9 8.4

11.9

11.9 8.4

12.0 8.5

12.0

50 12.0 8.5

12.1 8.6

12.2 8.7

12.2 8.7

12.1 8.6

(Contd from P929) 10-31-56

(Plotted R-18) (20)
N. 108+00; 0+00 = W 12,330; SOUND WEST

Dist Sound Elev Dist Sound Elev

0+00 2+00 12.1 8.9

(3.2) 1.0 +2.2

10:50 1.8 +1.4

2.3 +0.9

3.3 0.1

50 7.8 4.6

10.5 7.3

11.5 8.3

11.6 8.4

12.0 8.8

1+00 12.0

12.0 8.8

12.0 8.8

12.1 8.9

12.3 9.1

50 12.4 9.2

12.6 9.4

12.6 9.4

12.5 9.3

12.2 9.0

(contd from NB 23, Pg. 45) 10-31-56

N. 104+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	5.7	2.7	2+00	7.2	4.3
(30)	5.9	2.9	(2.9)	9.0	6.1
<u>11:00</u>	6.0	3.0		11.1	8.2
<u> </u>	5.9	2.9		11.8	8.9
	5.8	2.8		12.2	9.3
50	5.8	2.8	50	12.7	9.8
	5.9	2.9		12.5	9.6
	5.8	2.8		12.0	9.1
	5.5	2.5		12.1	9.2
	5.5	2.5		12.3	9.4
1+00	5.6	2.6	3+00	12.2	9.3
	5.2	2.2		12.3	9.4
	4.8	1.8		12.8	9.9
	3.8	0.8	11:05	12.8	9.9
	3.0	0.0		12.8	3
50	2.5	+0.5	50	12.8	9.9
	2.4	+0.6			
	2.8	+0.2			
	2.7	+0.3			
	4.0	1.0			

(2)

N. 103+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	6.3	3.5	2+00	12.2	9.5
(2.8)	5.5	2.7	(2.7)	12.1	9.4
<u>11:10</u>	5.5	2.7		11.9	9.2
<u> </u>	5.2	2.4		12.0	9.3
	5.1	2.3		12.1	9.4
50	5.2	2.4	50	12.0	9.3
	5.5	2.7		11.5	8.8
	5.8	3.0		11.8	9.1
	5.5	2.7		11.9	9.2
	5.2	2.4		11.9	9.2
1+00	5.3	2.5	3+00	12.0	9.3
	5.7	2.9		12.0	
	5.7	2.9		12.0	
	5.5	2.7		12.0	9.3
	5.5	2.7		12.1	9.4
50	6.6	3.8	50	12.0	9.3
	9.8	7.0	11:15	12.0	
	11.5	8.7	<u> </u>	12.0	
	12.8	10.0		12.0	
	12.5	9.7		12.0	9.3

N. 103+00; SOUND WEST 10-31-56

Dist	Sound	Elev	Dist	Sound	Elev
4+00	11.9	9.2	(2.6)	12.8	10.2
(2.7)	11.9	9.2		12.7	10.1
11:17	11.8	9.1		11.0	8.4
<u> </u>	11.4	8.7		10.0	7.4
	11.3	8.6	50	10.0	}
50	11.4	8.7		10.0	7.4
	11.8	9.1		10.1	7.5
	11.9	9.2		11.1	8.5
	12.0	9.3		10.1	7.5
	12.1	9.4	7+00	10.1	7.5
5+00	12.2	9.5		10.0	7.4
	12.1	9.4		10.1	7.5
	12.0	9.3	11:20	10.3	7.7
	12.1	9.4	<u> </u>	10.3	7.7
	12.3	9.6	50	10.5	7.9
50	12.4	9.7		10.8	8.2
	12.5	9.8		10.8	8.2
	12.6	9.9		10.6	8.0
	12.4	9.7		10.6	8.0
	12.5	9.8	8+00	10.6	8.0
6+00	12.5	9.8		10.7	8.1

N 103+00; SOUND WEST

Dist	Sound	Elev
(2.5)	10.9	8.4
	12.0	9.5
	11.9	9.4
50	11.8	9.3
	11.7	9.2
	11.6	9.1
	11.8	9.3
	12.0	9.5
9+00	12.2	9.7
	12.2	9.7
	12.1	9.6
	12.1	9.6
	12.1	9.6
50	12.2	9.7
	12.2	9.7
11:23	12.1	9.6
<u> </u>	12.1	9.6
	12.1	9.6
10+00	11.8	9.3

10-31-56

N102+00; SOUND WEST

(43)

N. 102+00; 0+00 = W/12,000			SOUND WEST			N102+00; SOUND WEST					
Dist	Sound	Elev	Dist	Sound	Elev	Dist	Sound	Elev	Dist	Sound	Elev
0+00	8.0	5.6	2+00	12.3	10.0	4+00	10.8	8.5	(2.1)	10.4	8.3
(2.4)	8.0	5.6	(2.3)	12.8	10.5	(2.3)	11.0	8.7	11.40	10.5	8.4
11.33	8.0	5.6	11.35	12.8	10.5		11.3	9.0	~	10.3	8.2
~	7.8	5.4	~	13.0	10.7		11.6	9.3		10.2	8.1
	7.5	5.1		12.9	10.6	50	11.8	9.5	50	10.3	8.2
50	7.3	4.9	50	12.8	10.5		11.9	9.6		10.3	8.2
	7.2	4.8		12.5	10.2		12.0	9.7		11.0	8.9
	6.9	4.5		12.4	10.1		12.0			11.0	8.9
	6.3	3.9		12.3	10.0		12.0			10.5	8.4
	5.9	3.5		12.3	10.0	5+00	12.0	9.7	7+00	10.6	8.5
1+00	5.8	3.4	3+00	12.2	9.9		12.0	9.7		10.4	8.3
	7.8	5.4		12.3	10.0		12.2	9.9		10.9	8.8
	10.1	7.7		12.3	10.0		12.2	9.9		10.9	8.8
	11.5	9.1		12.3	10.0		12.1	9.8		10.8	8.7
	12.0	9.6		12.3	10.0		12.2	9.9	50	10.4	8.3
	12.0	9.6		12.5	10.2	50	12.2	9.9		10.4	8.3
50	12.1	9.7	50	12.6	10.3		12.1	9.8		10.4	8.3
	12.3	9.9		12.6	10.3		12.0	9.7		11.0	8.9
	12.3	9.9		12.6	10.3		12.2	9.9		11.7	9.6
	12.3	9.9		12.0	9.7		11.5	9.2		11.6	9.5
	12.1	9.7		10.8	8.5		10.8	8.5	8+00	11.3	9.2
	12.0	9.6		10.8	8.5	6+00	10.4	8.1		11.2	9.1

N102+00; SOUND WEST

Dist Sound Elev

(2.0) 11.0 9.0

10.8 8.8

10.8 8.8

50 10.8 8.8

10.9 8.9

10.9 8.9

10.9 8.9

11.0 9.0

9+00 11.0 9.0

11.0 9.0

11.45 11.3 9.3

check 11.2 9.2

11.1 9.1

50 11.1 9.1

10+00

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44

N.101+00; 0+00=W.12,000; SOUND WEST

Dist Sound Elev Dist Sound Elev

0+00 6.2 4.3 2+00 11.5 9.7

(1.9) 6.5 4.6 (1.8) 11.8 10.011.53 6.5 4.6 11.8 10.0

6.5 4.6 11.9 10.1

6.7 4.8 11.8 10.0

50 6.8 4.9 50 11.5 9.7

7.0 5.1 11.6 9.8

8.2 6.3 11.6 9.8

10.0 8.1 11.3 9.5

11.0 9.1 11.2 9.4

1+00 10.7 8.8 3+00 11.2 9.411.57 10.3 8.5 11.1 9.3(1.8) 10.5 8.7 11.0 9.2

10.5 8.7 10.7 8.8

10.5 8.7 10.7 8.8

50 10.6 8.8 50 10.8 9.0

10.8 9.0 11.0 9.2

10.8 9.0 11.0 9.2

10.1 8.3 11.1 9.3

11.3 9.5 11.1 9.3

N.101+00; SOUND WEST 10-31-56

Dist	Sound	Elev	Dist	Sound	Elev
4+00	11.2	9.5		9.7	8.0
(1.7)	11.3	9.6	(1.7)	9.5	7.8
1200	11.4	9.7		9.8	8.1
	11.8	10.1		9.7	8.0
	12.0	10.3	50	9.4	7.7
50	12.0	10.3		9.5	7.8
	12.0	10.3		9.5	7.8
	12.0	10.3		9.8	8.1
	12.1	10.4		11.0	9.3
	12.0	10.3	7+00	10.5	8.8
5+00	12.0	10.3		11.8	10.1
	12.0	10.3		11.8	10.1
	11.8	10.1		11.7	10.0
	11.8	10.1		11.3	9.6
	10.5	8.8	50	11.1	9.4
50	10.0	8.3		11.1	9.4
	10.0	}		10.8	9.1
	10.0			10.8	9.1
	10.0			10.9	9.2
	10.0			11.1	9.4
6+00	10.0	8.3	8+00	11.0	9.3

N.101+00; SOUND WEST

(25)

Dist	Sound	Elev
(1.7)	11.1	9.4
	11.1	9.4
	11.0	9.3
50	11.1	9.4
	11.1	9.4
	11.0	9.3
	11.9	10.2
	10.7	9.0
(CHK)	9+00	10.6
	10.3	8.6
	10.1	8.4
	10.0	8.3
	9.7	8.0
50	9.3	7.6

N. 130+00; 0+00 = W 12,000 10-31-56
 (Cont'd from) Sta + H. I - Elev (Plotted Roll 22)

Sta	H. I	Elev
0	12.30	8.6
E 100		6.9
E 200		4.1
E 300		5.9
E 400		6.4
E 500		6.7
E 600		7.6
E 700		7.7
E 720		7.7
E 785		6.6
E 800		6.9
E 850		8.3

N. 133+00; 0+00 = W 12,000

Sta	H. I	Elev
0	10.7	1.6
E 100		9.6
E 200		8.6
E 300		8.0
E 400		9.0
E 500		9.0
E 600		8.8

N. 131+00; 0+00 = W 12,000

Sta	H. I	Elev
0	12.30	9.6
E 100		7.1
E 200		5.5
E 265		3.9
E 300		5.0
E 400		6.6
E 500		7.2
E 600		8.0
E 700		8.3

N. 132+00; 0+00 = W 12,000 (Plotted Roll 23)

Sta	H. I	Elev
0		9.7
E 100		8.1
E 200		7.0
E 300		7.0
E 400		7.9
E 500		8.0
E 530		8.1

T.B.M. 3.10 12.30 9.20 (see P. 36)

T.B.M. 5.65 6.65 N 12,800 W 12,500

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N. 107+00; 0+00 = W. 12,000; SOUND WEST					
Dist	Sound	Elev	Dist	Sound	Elev
0+00	4.2	+2.0	2+00	2.2	+3.9
(6.2)	4.0	+2.2	(6.1)	2.1	+4.0
<u>9:30</u>	3.7	+2.5	<u>9:35</u>	2.1	+4.0
	3.8	+2.4		2.0	+4.1
	3.7	+2.5		1.8	+4.3
50	3.9	+2.3	50	1.4	+4.7
	3.6	+2.6		1.2	+4.9
	3.3	+2.9		1.3	+4.8
	3.5	+2.7		1.7	+4.4
	3.4	+2.8		3.0	+3.1
1+00	3.3	+2.9	3+00	4.0	+2.1
	3.2	+3.0		4.8	+1.3
	3.2			5.1	+1.0
	3.2			6.0	+0.1
	3.2			9.0	2.9
50	3.2		50	13.0	6.9
	3.2	+3.0		14.4	8.3
	3.0	+3.2		14.8	8.7
	3.0	+3.2		14.9	8.8
	2.5	+3.7		14.9	8.8
				14.8	8.7

N. 106+00; 0+00 = W. 12,000; SOUND WEST. (47)					
Dist	Sound	Elev	Dist	Sound	Elev
0+00	7.3	1.3	2+00	2.5	+3.4
(6.0)	6.5	0.5	(5.9)	2.8	+3.1
<u>9:43</u>	6.8	0.8		3.1	+2.8
<u>9:47</u>	6.0	0.0		3.3	+2.6
	5.3	+0.7		3.9	+2.0
50	4.8	+1.2	50	4.2	+1.7
	4.1	+1.9		4.6	+1.3
	3.5	+2.5		5.1	+0.8
	3.5	+2.5		5.8	+0.1
	3.5	+2.5		10.0	4.1
1+00	3.8	+2.2	3+00	12.3	6.4
	3.9	+2.1		13.8	7.9
	3.9	+2.1	<u>9:47</u>	13.4	7.5
	3.4	+2.6	<u>9:47</u>	13.7	7.8
	3.0	+3.0		14.9	9.0
50	2.7	+3.3	50	14.8	8.9
	2.5	+3.5		14.3	8.4
	2.7	+3.3		13.7	7.8
	2.5	+3.5		14.4	8.5
	2.5	+3.5		14.5	8.6
	2.5	+3.5	4+00	14.5	8.6

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N. 105+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	8.8	2.9	2+00	4.0	+1.7
(5.9)	8.9	3.0	(5.7)	4.1	+1.6
<u>9:53</u>	8.3	2.4		4.8	+0.9
	8.5	2.6		5.2	+0.5
	8.5	2.6		5.8	0.1
50	8.2	2.3	50	9.8	4.1
	7.2	1.3		13.1	7.4
	7.0	1.1		14.4	8.7
	6.7	0.8		14.7	9.0
	6.0	0.1		14.6	8.9
1+00	5.7	+0.2	3+00	14.7	9.0
	5.1	+0.8		14.9	9.2
	4.2	+1.7	<u>9:57</u>	14.8	9.1
	3.4	+2.5	<u>2</u>	14.9	9.2
	3.1	+2.8		14.8	9.1
50	3.1	+2.8	50	14.8	9.1
	3.0	+2.9		14.9	9.2
	3.0	+2.9		14.9	9.2
	3.1	+2.8		15.2	9.5
	3.5	+2.4		14.7	9.0
			4+00	14.6	8.9

N. 123+00; 0+00 = W. 12,000; SOUND WEST (2)

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.1	+2.2	(5.2)	8.3	3.1
(5.3)	3.0	+2.3		8.0	2.8
<u>10:26</u>	2.9	+2.4		6.8	1.6
	2.9	+2.4	<u>10:30</u>	5.0	+0.2
	3.1	+2.2	<u>50</u>	3.7	+1.5
50	3.0	+2.3		2.0	+3.2
	3.2	+2.1		1.5	+3.7
	3.3	+2.0		1.0	+4.2
	3.8	+1.5		0.9	+4.3
	4.0	+1.3	3+00	0.9	(set lath) W. 12,300
1+00	4.8	+0.5			+4.3
	5.9	0.6			
	7.2	1.9			
	8.3	3.0			
	9.0	3.7			
50	9.2	3.9			
	9.5	4.2			
	9.8	4.5			
	10.0	4.7			
	10.0	4.7			
2+00	9.6	4.3			

(Contd from NB 93, P. 21) 11-2-56

N 124+00; 0+00 = W 12,000; SOUND WEST

Dist Sound Elev Dist Sound Elev

0+00 2.8 +2.3 2+00 9.1 4.0

(5.1) 2.8 } (5.1) 8.3 3.2

10.37 2.8 } 7.1 2.0

 2.8 } 5.8 0.7

2.8 +2.3 } 4.5 +0.6

50 2.9 +2.2 50 3.2 +1.9

3.0 +2.1 } 2.0 +3.1

3.0 +2.1 } 1.5 +3.6

3.2 +1.9 } 1.0 +4.1

3.4 +1.7 } 0.9 +4.2

1+00 4.0 +1.1 3+00 0.9 (set Lath) W 12,300

5.7 0.6 } +4.2

8.0 2.9 (Contd P. 54)

9.3 4.2

10.0 4.9

50 10.3 5.2

10.5 5.4

10.3 5.2

10.2 5.1

9.8 4.7

(Contd from P. 35) 11-2-56

N 125+00; 0+00 = W 12,000 SOUND WEST

Dist Sound Elev Dist Sound Elev

0+00 2.5 +2.4 2+00 8.8 4.0

(4.9) 2.5 +2.4 (4.8) 7.9 3.1

10.47 2.5 +2.4 10.50 6.5 1.7

 2.8 +2.1 4.5 +0.3

2.8 +2.1 } 3.2 +1.6

50 2.8 +2.1 50 2.2 +2.6

2.7 +2.2 } 1.3 +3.5

2.8 +2.1 } 1.0 +3.8

2.9 +2.0 } 0.9 (set Lath) W 12,280

3.2 +1.7 } +3.9

1+00 4.0 +0.9 3+00

5.1 0.2

7.3 2.4

8.3 3.4

9.3 4.4

50 10.0 4.1

10.0 }

10.0 }

10.0 4.1

9.7 4.8

(Contd from MB 93, Pg 18) 11-2-56 (Plotted Roll 123)

N. 126+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	2.4	+2.3	2+00	7.7	3.1
(4.7)	2.3	+2.4	(4.6)	6.9	2.3
<u>10:57</u>	2.5	+2.2		6.2	1.6
	2.4	+2.3	<u>11:00</u>	5.1	0.5
	2.4	+2.3		3.7	+0.9
50	2.5	+2.2	50	2.6	(3rd Lath) W12250
	2.6	+2.1			+2.0
	2.8	+1.9			
	2.8	+1.9			
	3.0	+1.7			
1+00	3.6	+1.1			
	5.0	0.3			
	6.8	2.1			
	8.0	3.3			
	8.8	4.1			
50	9.0	4.3			
	9.1	4.4			
	9.0	4.3			
	8.8	4.1			
	8.1	3.4			

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(50)

N. 127+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.7	+2.8	2+00	6.2	1.7
(4.5)	1.9	+2.6	(4.5)	5.4	0.9
<u>11:05</u>	2.1	+2.4		4.7	0.2
	2.2	+2.3		3.1	+1.4
	2.0	+2.5		2.0	+2.5
50	2.2	+2.3	50	1.8	(3rd Lath) W12250
	2.5	+2.0			+2.7
	2.9	+1.6			
	2.9	+1.6			
	3.1	+1.4			
1+00	3.5	+1.0			
	4.0	+0.5			
	5.0	0.5			
	6.8	2.3			
	7.8	3.3			
50	8.2	3.7			
	8.3	3.8			
	8.1	3.6			
	7.8	3.3			
	7.0	2.5			

Contd from P936)

11-2-56

N. 128+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.6	+2.7	2+00	5.8	2.5
(4.3)	1.5	+2.8	(4.3)	5.1	0.8
<u>11:15</u>	1.6	+2.7		4.3	0.0
	1.8	+2.5		3.5	+0.8
	2.0	+2.3		2.1	+2.2
50	2.0	+2.3	50	1.9	(set Lath) W12250
	2.1	+2.2	(contd P955)		+2.4
	2.2	+2.1			
	2.3	+2.0			
	2.9	+1.4			
1+00	3.1	+1.2			
	3.7	+0.6			
	4.8	0.5			
	6.2	1.9			
	7.1	2.8			
50	7.8	3.5			
	7.8	3.5			
	7.4	3.1			
	7.1	2.8			
	6.2	1.9			

(Contd from P936)

11-2-56

N. 129+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.2	+3.9	2+00	7.0	3.0
(4.1)	0.5	+3.6	(4.0)	6.8	2.8
<u>11:22</u>	0.7	+3.4		6.2	2.2
	1.0	+3.1	<u>11:25</u>	5.8	1.8
	1.2	+2.9		5.0	1.0
50	1.3	+2.8	50	4.2	0.2
	1.5	+2.6		3.8	+0.2
	1.8	+2.3		2.9	+1.1
	2.0	+2.1		2.0	+2.0
	2.3	+1.8		1.5	+2.5
1+00	2.7	+1.4	3+00	1.0	(set Lath) W12300
	3.5	+0.6			+3.0
	4.3	0.2	(contd P955)		
	5.3	1.2			
	6.2	2.1			
50	7.0	2.9			
	7.2	3.1			
	7.2	3.1			
	7.3	3.2			
	7.2	3.1			

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11-2-56 (Plotted Roll 23)

N. 130+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.0	+3.8	2+00	6.0	2.2
(3.8)	0.1	+3.7	(3.8)	5.7	1.9
<u>11.30</u>	0.3	+3.5		5.0	1.2
	0.7	+3.1		4.2	0.4
	1.1	+2.7		3.5	+0.3
50	1.4	+2.4	50	2.8	+1.0
	1.8	+2.0		1.5	+2.3
	2.0	+1.8		1.3	(set Lath) W 12270
	2.1	+1.7			+2.5
	2.4	+1.4			(Cont'd Pg. 55)
1+00	3.0	+0.8	3+00		
	3.3	+0.5			
	4.3	0.5			
	5.1	1.3			
	6.0	2.2			
50	6.9	3.1			
	7.3	3.5			
	7.3	3.5			
	7.1	3.3			
	6.5	2.7			

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N. 131+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.8	+2.8	2+00	5.8	2.2
(3.6)	1.0	+2.6	(3.6)	4.9	1.3
<u>11.38</u>	1.2	+2.4		4.1	0.5
	1.2	+2.4		3.3	+0.3
	1.5	+2.1		2.6	+1.0
50	1.8	+1.8	50	1.8	(set Lath) W 12250
	2.0	+1.6			+1.8
	2.0	+1.6			(Cont'd Pg. 55)
	2.2	+1.4			
	2.8	+0.8			
1+00	3.5	+0.1	3+00		
	4.3	0.7			
	5.1	1.5			
	5.9	2.3			
	6.3	2.7			
50	7.0	3.4	50		
	7.5	3.9			
	7.2	3.6			
	6.8	3.2			
	6.2	2.6			

N. 118+00; 0+00 = W. 12,500 11-2-56

Sta	+	H.1	-	Elev	"2x2" Hub N12800 W12500 (Pg. 46)
TBM.	6.35	13.00		6.65	
0 (contd from Pg. 38)	9.5	3.5			
W 100		8.4		4.6	
W 200		8.9		4.1	
W 230		9.3		3.7	(set Lath) W12730

N. 119+00; 0+00 = W. 12,500

0		7.8		5.2	
E 70 (contd from Pg. 38)	9.2			3.8	
W 100		6.1		6.9	
W 200		8.1		4.9	
W 260		9.5		3.5	(set Lath) W12760

N. 120+00; 0+00 = W. 12,500

0		6.5		6.5	
E 100		8.0		5.0	
E 150 (contd from Pg. 37)	9.9			3.1	
W 7.5		6.1		6.9	
W 100		6.5		6.5	
W 200		8.2		4.8	
W 300		10.2		2.8	(set Lath) W12800

N. 121+00; 0+00 = W. 12,500, 11-2-56 (53)

Sta	+	H.1	-	Elev	
0		13.00		6.4	6.6
E 100				7.3	5.7
E 150 (contd from Pg. 38)	9.0			4.0	
W 100		7.2		5.8	
W 200		8.5		4.5	
W 300		9.7		3.3	(set Lath) W12800

N. 122+00; 0+00 = W. 12,500

0		5.2		7.8	
E 100		6.4		6.6	
E 170 (contd from Pg. 39)	8.5			4.5	
W 100		6.5		6.5	
W 200		8.2		4.8	
W 300		9.6		3.4	(set Lath) W12,800

N. 123+00; 0+00 = W. 12,500

0		4.5		8.5	
E 100		5.9		7.1	
E 200		8.8		4.2	
W 100		6.1		6.9	
W 200		8.1		4.9	
W 300		9.4		3.6	(set Lath) W12800

N.124+00; 0+00 = W.12,500 // 2-56

Sta	+	H.1	-	Elev
0		13.00	4.8	8.2
E 100			5.8	7.2
E 200 (cont'd from P.49)			8.8	4.2
W 100			6.5	6.5
W 200			8.3	4.7
W 300			9.9	3.1

(set Lath)
W.12800

N.125+00; 0+00 = W.12,500

0			4.7	8.3
E 100			5.9	7.1
E 200			8.5	4.5
E 220			9.1	3.9
W 100			5.6	7.4
W 200			7.8	5.2
W 300			9.9	3.1

N.126+00; 0+00 = W.12,500

Sta	+	H.1	-	Elev
0		13.00	5.3	7.7
E 100			6.2	6.8
E 200			8.7	4.3

Plotted Roll 123

E 250 (cont'd from p.50) 11.0 2.0

W 70			3.0	10.0
W 100			4.6	8.4
W 200			7.8	5.2
W 300			9.7	3.3

(set Lath)
W.12800

N.127+00; 0+00 = W.12,500

0			6.2	6.8
E 100			7.2	5.8
E 200			9.3	3.7
E 250 (cont'd from p.50)			10.3	2.7
W 100			5.1	7.9
W 200			8.3	4.7
W 300			10.5	2.5

(set Lath)
W.12800

N. 128+00; 0+00 = W. 12,500 11-2-56

Sta	+	H.I	-	Elev
0		13.00	7.4	5.6
E 100			7.7	5.3
E 200			9.7	3.3
E 250 (cont'd from P. 51)			10.6	2.4
W 100			7.9	5.1
W 200			9.7	3.3

(Plotted Roll 23)

(set lath) W12,700

W. 129+00; 0+00 = W. 12,500

0			7.7	5.3
E 100			7.5	5.5
E 200 (cont'd from P. 51)			10.1	2.9
W 100			8.9	4.1
W 200			10.5	2.5

(set lath) W12,700

N. 130+00; 0+00 = W. 12,500 (Plotted 23)

0			8.2	4.8
E 100			7.5	5.5
E 200			9.8	3.2
E 230 (cont'd from P. 52)			10.5	2.5
W 100			10.3	3.7

(set lath) W12,600

N. 131+00; 0+00 = W. 12,500

Sta	+	H.I	-	Elev
0		13.00	10.2	2.8
E 100			8.2	4.8
E 200			9.4	3.6
E 220			9.6	3.4
E 250			11.2	1.8

(cont'd from P. 52)

(P. 32)

T.B.M. 2.30 10.70 ~ 10.72

11-5-56 (Plotted Roll 23)

N132+00; 0+00 = W12000 SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.2	+2.7	2+00	8.3	2.4
(5.9)	3.3	+2.6	(5.9)	7.8	1.9
<u>10:30</u>	3.4	+2.5		7.2	1.3
	3.5	+2.4		6.7	0.8
	3.7	+2.2		6.2	0.3
50	3.9	+2.0	50	5.8	+0.1
	4.1	+1.8		5.0	+0.9
	4.8	+1.1		4.5	+1.4
	5.8	+0.1		4.0	+1.9
	6.2	0.3		3.1	+3.8
1+00	7.0	1.1	3+00	3.1	+3.8
	7.5	1.6		3.1	+3.8
	8.4	2.5		2.8	+3.1
	9.0	3.1		2.2	+3.7
	9.3	3.4		2.2	+3.7
50	9.8	3.9	50	2.2	+3.7
	10.0	4.1		2.0	+3.9
	10.0	4.1		2.0	+3.9
	9.8	3.9		2.0	+3.9
	9.1	3.2		2.1	+3.8

N132+00; SOUND WEST (56)

Dist	Sound	Elev	Dist	Sound	Elev
4+00	2.0	+3.9		6.0	0.1
(5.9)	2.0	+3.9	(5.9)	6.0	0.1
<u>10:35</u>	2.0	+3.9		6.0	0.1
	2.2	+3.7		6.1	0.2
	3.0	+2.9	50	6.2	0.3
50	3.1	+2.8		6.3	0.4
	3.3	+2.6		6.3	0.4
	3.9	+2.0		6.2	0.3
	3.6	+2.3		6.2	0.3
	4.0	+1.9	7+00	6.3	0.4
5+00	4.0	+1.9		6.7	0.8
	4.1	+1.8		6.7	0.8
	4.2	+1.7		6.8	0.9
	4.5	+1.4		6.8	0.9
	4.9	+1.0	50	6.8	0.9
50	5.1	+0.8		6.9	1.0
<u>10:40</u>	5.3	+0.6		7.0	1.1
	5.9	0.0		7.1	1.2
	6.0	0.1		7.1	1.2
	6.0	0.1	8+00	7.2	1.3
6+00	6.0	0.1		7.2	1.3

N. 132+00; SOUND WEST 11-5-56

Dist	Sound	Elev	Dist	Sound	Elev
(5.8)	7.2	1.4	(5.8)	14.2	8.4
	7.1	1.3		14.2	8.4
	7.2	1.4	50	14.0	8.2
50	7.3	1.5		14.0	}
	7.3	1.5		14.0	
	7.3	1.5		14.0	8.2
	8.0	2.2		13.9	8.1
	7.8	2.0	11+00	13.9	8.1
9+00	8.0	2.2			
	7.2	1.4			
	7.3	1.5			
<u>10.45</u>	7.0	1.2			
	6.8	1.0			
50	6.5	0.7			
	6.5	0.7			
	7.5	1.7			
	10.8	4.9			
	13.3	7.5			
10+00	14.5	8.7			
	14.5	8.7			
	14.5	8.7			

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(57)

N. 133+00; 0+00 = W 12000 SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	3.8	+1.9	2+00	6.5	0.9
(5.7)	3.9	+1.8	(5.6)	6.2	0.6
11:00	4.1	+1.6	11:03	6.3	0.7
<u> </u>	4.5	+1.2	<u> </u>	6.3	0.7
	4.9	+0.8		6.2	0.6
50	5.0	+0.7	50	5.9	0.3
	5.5	+0.2		5.8	0.2
	5.9	0.2		5.4	+0.2
	6.0	0.3		5.0	+0.6
	6.3	0.6		4.6	+1.0
1+00	7.0	1.3	3+00	4.2	+1.4
	7.5	1.8		4.0	+1.6
	8.0	2.3		3.8	+1.8
	8.3	2.6		3.5	+2.1
	8.5	2.8		3.5	+2.1
50	9.0	3.3	50	3.4	+2.2
	8.8	3.1		3.1	+2.5
	8.0	2.3		3.0	+2.6
	7.5	1.8		3.1	+2.5
	7.0	1.3		3.2	+2.4

N. 133+00; SOUND WEST 11-5-56

Dist	Sound	Elev	Dist	Sound	Elev
4+00	3.5	+2.1			
(5.6)	3.7	+1.9			
<u>11:06</u>	3.8	+1.8			
<u> </u>	4.0	+1.6			
	4.8	+0.8	50		
50	4.5	+1.1			
	4.8	+0.8			
	4.9	+0.7			
	5.2	+0.4			
	5.8	0.2	7+00		
5+00	5.9	0.3			
	8.2	2.6			
	12.1	6.5			
	13.1	7.5			
	16.8	11.2	50		
50	17.8	12.2			
	18.2	12.6			
	19.0	13.4			
	19.0	{			
	19.0	}	8+00		
6+00	19.0	13.4			

N. 134+00; 0+00 = W/E, 000 SOUND WEST (50)

Dist	Sound	Elev	Dist	Sound	Elev
0+00	5.5	0.0		6.1	0.6
(5.5)	5.7	0.2	(5.5)	5.9	0.4
<u>11:15</u>	6.0	0.5		5.9	0.4
<u> </u>	6.2	0.7		6.5	1.0
	6.9	1.4	50	6.5	1.0
50	7.1	1.6		6.2	0.7
	7.2	1.7	<u>11:18</u>	6.0	0.5
	8.0	2.5	<u> </u>	5.7	0.2
	8.2	2.7		6.0	0.5
	8.8	3.3	3+00	5.8	0.3
1+00	8.9	3.4		5.5	0.0
	8.8	3.3		5.4	+0.1
	8.4	2.9		5.1	+0.4
	8.0	2.5		5.1	+0.4
	7.2	1.7	50	5.0	+0.5
50	6.8	1.3		5.1	+0.4
	6.4	0.9		5.8	0.3
	6.2	0.7		5.5	0.0
	6.5	1.0		5.9	0.4
	6.2	0.7	4+00	5.9	0.4
2+00	5.9	0.4		5.9	0.4

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N. 134+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
(5.5)	5.7	0.2			
<u>11:20</u>	5.8	0.3			
	5.9	0.4			
50	5.8	0.3			
	6.1	0.6			
50	6.1	0.6			
	6.2	0.7			
	6.4	0.9			
5+00	8.8	3.3			
	11.0	5.5			
12+00	14.4	8.9	37+00		
	17.0	11.5			
	18.0	12.5			
50	18.2	12.7			
	18.8	13.3			
50	18.5	13.0	50		
	18.2	12.7			
	18.2	12.7			
(7+00)	18.1	12.6			

N. 135+00; 0+00 = W. 12,000; SOUND WEST (59)

Dist	Sound	Elev	Dist	Sound	Elev
0+00	6.8	1.5		6.1	0.8
(5.3)	6.9	1.6	(5.3)	6.8	1.5
<u>11:30</u>	7.1	1.8		6.5	1.2
	7.3	2.0		6.5	1.2
	7.8	2.5	50	6.6	1.3
50	8.0	2.7		6.5	1.2
	7.9	2.6		6.7	1.4
	7.9	2.6	<u>11:33</u>	6.5	1.2
	7.9	2.6		6.8	1.5
	7.0	1.7	3+00	6.9	1.6
1+00	6.5	1.2		7.2	1.9
	6.0	0.7		7.2	1.9
	5.9	0.6		7.0	1.7
	6.2	0.9		7.0	
	6.0	0.7	50	7.0	
50	6.0	0.7		7.0	1.7
	5.8	0.5		7.1	1.8
	6.1	0.8		7.2	1.9
	6.1	0.8		7.3	2.0
	6.0	0.7	4+00	7.5	2.2
2+00	6.0	0.7		7.4	2.1

N/135+00; SOUND WEST 11-5-56

Dist	Sound	Elev	Dist	Sound	Elev
(5.3)	6.8	1.5			
<u>11.35</u>	6.9	1.6			
	6.9	1.6			
50	7.0	1.7			
	6.5	1.2			
	7.2	1.9			
	7.1	1.8			
	7.1	1.8			
5+00	7.0	1.7			
	7.1	1.8			
	7.2	1.9			
	8.1	2.8			
	11.0	5.7			
50	14.3	9.0			
	15.6	10.3			
	16.0	10.7			
	17.0	11.7			
	17.1	11.8			
6+00	17.3	12.0			

(60)

N.136+00; 0+00 = W/12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	6.4	1.3	2+00	6.8	1.7
(5.1)	6.2	1.1	(5.1)	7.0	1.9
<u>11.45</u>	6.5	1.4		7.2	2.1
	6.2	1.1		7.5	2.4
	6.0	0.9		7.2	2.1
50	6.1	1.0	50	7.4	2.3
	6.2	1.1		7.2	2.1
	5.9	0.8	11.48	7.5	2.4
	5.9	0.8		7.2	2.1
	6.0	0.9		7.0	1.9
1+00	6.0	0.9	3+00	7.8	2.7
	6.0	0.9		7.2	2.1
	5.9	0.8		7.2	2.1
	6.0	0.9		7.5	2.4
	6.0	0.9		7.8	2.8
50	6.0	0.9	50	7.8	2.8
	6.1	1.0		7.9	2.8
	6.4	1.3		7.8	2.7
	6.6	1.5		7.8	2.7
	6.5	1.4		7.8	2.7

N. 136+00; SOUND WEST

Dist	Sound	Elev
4+00	7.7	2.6
(5.1)	7.7	2.6
1150	7.4	2.3
	7.4	
	7.4	
50	7.4	
	7.4	
	7.4	2.3
	7.5	2.4
	7.8	2.7
5+00	7.8	
	7.8	
	7.8	
	7.8	2.7
	7.9	2.8
50	8.1	3.0
	9.4	4.3
	12.2	7.1
	14.5	9.4
	15.0	9.9
6+00	15.1	10.0

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(2)

N. 137+00; 0+00 = N. 12000; SOUND WEST					
Dist	Sound	Elev	Dist	Sound	Elev
0+00	5.5	0.6	2+00	8.0	3.1
(4.9)	6.1	1.2	(4.9)	8.0	3.1
12'00	5.9	1.0		7.5	2.6
	5.5	0.6		6.8	1.9
	5.5	0.6		6.8	1.9
50	6.2	1.3	50	6.8	1.9
	6.1	1.2		6.0	1.1
	6.2	1.3		5.5	0.6
	6.9	2.0		5.1	0.2
	7.0	2.1		5.1	
1+00	7.0	2.1	3+00	5.1	
	7.1	2.2		5.1	0.2
	7.1	2.2		5.2	0.3
	7.8	2.9		5.1	0.2
	7.5	2.6		5.1	0.2
50	7.1	2.2	50	5.0	0.1
	8.0	3.1		4.9	0.0
	8.2	3.3		4.8	+0.1
	8.0	3.1		4.7	+0.2
	8.0	3.1		4.8	+0.1

N.137+00: SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
4+00	4.5	+0.4	(4.9)	15.0	10.1
(4.9)	4.5	+0.4	<u>12.07</u>	15.2	10.3
<u>12:03</u>	4.3	+0.6		15.0	10.1
	4.2	+0.7		15.1	10.2
	4.2	+0.7	50	15.2	10.3
+50	4.3	+0.6			
	4.4	+0.5			
	4.3	+0.6			
12:03	4.2	+0.7			
	4.2	+0.7			
5+00	4.3	+0.6			
	4.5	+0.4			
	4.5	+0.4			
	4.8	+0.1			
	4.9	0.0			
+50	4.9	0.0			
	6.0	1.1			
	6.8	1.9			
	8.2	3.3			
	12.1	7.2			
6+00	14.5	9.6			

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(62)

N.138+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	7.2	2.4	2+00	5.2	0.4
(4.8)	7.2	2.4	(4.8)	5.1	0.3
<u>12:11</u>	7.3	2.5		5.1	0.3
	7.5	2.7		5.0	0.2
	7.5	2.7		4.9	0.1
50	7.7	2.9	50	4.9	
	7.8	3.0		4.9	
	7.9	3.1		4.9	0.1
	7.8	3.0		4.8	0.0
	7.8	3.0		4.8	0.0
1+00	7.8	3.0	3+00	4.7	+0.1
	7.7	2.9		4.3	+0.5
	7.7	2.9		4.8	0.0
	7.8	3.0		4.5	+0.3
	7.8	3.0		4.7	+0.1
50	7.5	2.7	50	4.4	+0.4
	7.0	2.2		4.2	+0.6
	5.3	0.5		4.1	+0.7
	5.0	0.2		4.0	+0.8
	5.0	0.2		3.9	+0.9

N. 138+00: SOUND WEST					
Dist	Sound	Elev	Dist	Sound	Elev
4+00	4.0	+0.7		9.4	4.7
(47)	4.0	+0.7	(47)	11.9	7.2
<u>1215</u>	4.1	+0.6		13.3	8.6
<u>2</u>	4.0	+0.7		13.8	9.1
	3.9	+0.8	50	14.0	9.3
50	4.0	+0.7		13.8	9.1
	3.9	+0.8		13.8	9.1
	4.0	+0.7		14.1	9.4
	3.8	+0.9		14.2	9.5
	3.8	}	7+00	14.8	10.1
5+00	3.8				
	3.8	+0.9			
	3.9	+0.8			
	3.8	+0.9			
	3.8	+0.9			
50	4.0	+0.7			
	4.3	+0.4			
	4.8	0.1			
	4.9	0.2			
	5.5	0.8			
6+00	6.5	1.8			

11-5-56			(63)		
N. 139+00: 0+00 = W. 12,000 SOUND WEST					
Dist	Sound	Elev	Dist	Sound	Elev
0+00	7.3	2.7	2+00	8.3	3.8
(46)	7.2	2.6	(45)	8.1	3.6
<u>1223</u>	7.1	2.5		8.2	3.7
<u>2</u>	7.2	2.6	<u>1225</u>	8.1	3.6
	7.2	2.6	<u>2</u>	7.8	3.3
50	7.2	2.6	50	6.5	2.0
	7.8	3.2		6.0	1.5
	8.8	4.2		6.0	1.5
	9.2	4.6		5.7	1.1
	9.5	4.9		5.0	0.5
1+00	9.7	5.1	3+00	5.1	0.6
	9.8	5.2		5.5	1.0
	9.4	4.8		5.5	1.0
	9.5	4.9		5.6	1.1
	9.2	4.6		5.5	1.0
50	9.0	4.4	50	5.5	1.0
	8.8	4.2		6.0	1.5
	8.8	4.2		6.0	1.5
	8.7	4.1		5.5	1.0
	8.2	3.6		5.8	1.3

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N. 139+00; 0+00 = W. 12,000 SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
4+00	6.0	1.5	6+00	13.8	9.3
(4.5)	5.8	1.3			
	6.0	1.5			
	6.4	1.9			
	7.8	3.3			
50	8.2	3.7			
	9.0	4.5			
	9.5	5.0			
	9.7	5.2			
	10.2	5.7			
5+00	11.0	6.5			
	11.0	6.5			
	11.2	6.7			
	12.0	7.5			
	12.8	8.3			
50	13.2	8.7			
12.28	13.5	9.0			
	13.5	9.0			
	13.3	8.8			
	13.4	8.9			

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N. 140+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	7.6	3.2	2+00	12.9	8.5
(4.4)	7.8	3.4			
12.33	7.5	3.1			
	7.3	2.9			
	7.8	3.4			
50	8.0	3.6	50		
	8.3	3.9			
	8.8	4.4			
	9.2	4.8			
	9.3	4.9			
1400	10.3	5.9	3+00		
	11.5	7.1			
	11.5	7.1			
	12.1	7.7			
	12.8	8.4			
50	12.9	8.5			
	13.0	8.6			
	13.2	8.8			
	13.2	8.8			
	13.2	8.8			

11-5-56 Plotted Roll 22-A

N. 100+00; 0+00 = W. 12,000; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	9.2	6.1	2+00	12.0	8.9
(3.1)	9.1	6.0	(3.1)	11.9	8.8
<u>1:38</u>	8.9	5.8		12.0	8.9
	9.9	6.8		12.0	
	12.2	9.1		12.0	
50	12.5	9.4	50	12.0	8.9
	12.4	9.3		12.2	9.1
	12.3	9.2		12.5	9.4
	12.0	8.9		13.1	10.0
	12.0	8.9		13.2	10.1
1+00	11.9	8.8	3+00	13.3	10.2
	12.0	8.9		13.8	10.7
	12.0	8.9		14.0	10.9
	12.0	8.9		13.8	10.7
	11.9	8.8		13.8	10.7
50	12.0	8.9	50	13.9	10.8
	12.0			13.9	10.8
	12.0			13.8	10.7
	12.0	8.9		13.8	10.7
	11.9	8.8		13.6	10.5

N. 100+00; SOUND WEST (65)

Dist	Sound	Elev	Dist	Sound	Elev
4+00	13.7	10.7		11.5	8.5
(3.0)	13.4	10.4	(3.0)	11.1	8.1
<u>1:48</u>	13.3	10.3		11.0	8.0
	13.2	10.2		11.1	8.1
	13.2	10.2	50	12.1	9.1
50	13.2	10.2	<u>1:47</u>	12.8	9.8
	13.1	10.1		13.0	10.0
	13.0	10.0		12.9	9.9
	13.0	10.0		13.1	10.1
	12.9	9.9	7+00	13.3	10.3
5+00	12.8	9.8		13.3	10.3
	12.3	9.3		13.4	10.4
	12.1	9.1		13.2	10.2
	11.8	8.8		13.1	10.1
	12.0	9.0	50	13.0	10.0
50	12.2	9.2		13.0	10.0
	12.1	9.1		12.8	9.8
	12.0	9.0		12.8	
	12.0	9.0		12.8	
	12.1	9.1	8+00	12.8	
6+00	11.9	8.9		12.8	9.8

N. 100+00; SOUND WEST 11-5-56

Dist Sound Elev

<u>2.9</u>	13.0	10.1
<u>1.48</u>	12.9	10.0
	12.5	9.6
50	12.3	9.4
	12.3	9.4
	12.1	9.2
	12.2	9.3
	12.3	9.4
9+00	12.3	9.4
	12.9	10.0
	12.7	9.8
	12.4	9.5
	12.2	9.3
10-50	12.2	9.3
	12.3	9.4
	12.3	9.4
	12.8	9.9
	13.0	10.1
10+00	12.9	10.0

(Contd from P. 930) 11-9-56

(66)

N. 111+00; 0+00 = W. 12,400 SOUND WEST

Dist Sound Elev Dist Sound Elev

0+00			2+00	13.0
<u>3.9</u>	0.1			
<u>10:00</u>	0.1			
	0.2			
	0.5			
50	1.2		50	
	1.8			
	2.2			
	2.8			
	3.5			
1+00	4.2			
	6.0			
	10.0			
	11.4			
	12.2			
50	12.7			
	13.0			
	13.0			
	13.0			
	13.0			

Cont'd from F930 11-9-56

N. 112+00; 0+00 = W 12,400 SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00			2+00	12.7	8.8
(3.9)			(3.9)	12.9	9.0
				13.0	9.1
<u>10.10</u>	0.0	+3.9		13.0	9.1
	0.1	+3.8		13.2	9.3
50	0.2	+3.7	50	13.3	9.4
	0.3	+3.6		13.8	9.9
	0.3	+3.6		13.7	9.8
	0.8	+3.1		13.7	9.8
	1.2	+2.7	<u>10.13</u>	13.6	9.7
1+00	1.8	+2.1	3+00	13.5	9.6
	2.1	+1.8			
	2.8	+1.1			
	3.2	+0.7			
	4.0	0.1			
50	4.8	0.9			
	9.0	5.1			
	11.0	6.1			
	11.8	7.9			
	12.3	8.4			

(Cont'd from F930)

N. 113+00; 0+00 = W 12,400; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00			2+00	7.0	3.1
(3.9)			(3.9)	10.4	6.5
				11.8	7.9
				12.4	8.5
				12.5	8.6
			50	12.8	8.9
	0.0	+3.9		12.8	}
	0.1	+3.8		12.8	
<u>10.20</u>	0.2	+3.7		12.8	
	0.2	+3.7		12.8	8.9
1+00	0.3	+3.6	3+00	12.9	9.0
	0.3	+3.6		13.0	9.1
	0.8	+3.1		13.1	9.2
	1.2	+2.7		13.2	9.3
	1.7	+2.2		13.0	9.1
50	2.0	+1.9	50	13.0	}
	2.6	+1.3		13.0	
	3.0	+0.9		13.0	
	3.7	+0.2		12.9	9.0
	4.7	0.8		12.9	9.0
			4+00	12.9	9.0

(67)

(Contd from P 31) 11-9-56

N. 114+00; 0+00 = W. 12,400; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00			2+00	2.2	+1.8
(4.0)			(4.0)	2.9	+1.1
				3.2	+0.8
				4.0	0.0
				4.6	0.6
50			50	6.1	2.1
	0.0	+4.0		11.2	7.2
	0.1	+3.9		12.6	8.6
10:30	0.3	+3.7		13.5	9.5
	0.3	+3.7		13.8	9.8
1+00	0.5	+3.5	3+00	14.0	10.0
	0.6	+3.4		14.0	10.0
	0.7	+3.3		14.0	10.0
	0.9	+3.1		13.9	9.9
	0.9	+3.1		13.9	9.9
50	0.8	+3.2	50	14.0	10.0
	0.7	+3.3		14.0	10.0
	1.2	+2.8		13.9	9.9
	1.5	+2.5		13.9	9.9
	2.0	+2.0		14.0	10.0
			4+00	14.0	10.0

(Contd from P 31)

N. 115+00; 0+00 = W. 12,400; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00			2+00	2.9	+1.1
(4.0)			(4.0)	3.1	+0.9
				3.5	+0.5
				4.2	0.2
				5.2	1.2
50			50	6.0	2.0
				6.8	2.8
	0.0	+4.0		7.2	3.2
10:30	0.1	+3.9		9.3	5.3
	0.3	+3.7		12.0	8.0
1+00	0.6	+3.6	3+00	14.0	10.0
	0.8	+3.8		15.0	11.0
	0.9	+3.1		14.8	10.8
	0.7	+3.3		14.0	10.8
	1.1	+2.9		13.1	9.1
50	1.3	+2.7	50	13.0	9.0
	1.7	+2.3		13.2	9.2
	2.0	+2.0		13.5	9.5
	2.2	+1.8		13.4	9.4
	2.6	+1.4		13.0	9.0
			4+00	13.0	9.0

62

(Contd from Pg. 32) 11-9-56

N. 116+00; 0+00 = W. 12,400; SOUND WEST

Dist Sound Elev Dist Sound Elev

0+00 2+00 11.0 6.9

(4.1) (4.1) 11.0 6.9

0.1 +4.0 10.8 6.7

10:50 0.1 +4.0 10.5 6.4

0.3 +3.8 10.1 6.0

50 0.9 +3.2 50 9.9 5.8

1.0 +3.1 9.6 5.5

1.3 +2.8 9.0 4.9

1.9 +2.2 8.3 4.2

2.0 +2.1 7.3 3.2

1+00 2.5 +1.6 3+00 6.5 2.4

3.2 +0.9 5.2 1.1

4.3 0.2 6.0 1.9

6.3 2.2 8.3 4.2

8.0 3.9 11.0 6.9

50 9.0 4.9 50 12.0 7.9

10.2 6.1 12.3 8.2

11.0 6.9 12.2 8.1

11.0 6.9 12.3 8.2

11.1 7.0 12.4 8.3

4+00 12.6 8.5

(Contd from Pg. 32)

N. 117+00; 0+00 = W. 12,370; SOUND WEST

Dist Sound Elev Dist Sound Elev

0+00 0.9 +3.2 2+00 5.3 1.2

(4.1) 1.1 +3.0 (4.1) 4.1 0.0

11:02 1.5 +2.6 3.5 +0.6

1.9 +2.2 2.9 +1.2

2.9 +1.2 2.8 +1.3

50 3.6 +0.5 50 2.8 +1.3

5.3 1.2 2.8 +1.3

6.8 2.7 2.7 +1.4

8.2 4.1 2.8 +1.3

9.1 5.0 2.7 +1.4

1+00 9.8 5.7 3+00 2.8 +1.3

10.5 6.4 3.0 +1.1

11.0 6.9 3.1 +1.0

11.0 6.9 3.2 +0.9

11.1 7.0 3.5 +0.6

50 11.2 7.1 50 3.8 +0.3

11.1 7.0 4.2 0.1

10.8 6.7 4.3 0.2

9.7 5.6 4.7 0.6

7.9 3.8 7.0 2.9

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N. 117+00; CONTD; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
4+00	9.2	5.1			
(4.1)	11.3	7.2			
	12.1	8.0			
11:07	12.1	8.0			
	12.3	8.2			
50	12.5	8.4			
	12.8	8.7			
	12.9	8.8			
	13.2	9.1			
	13.4	9.3			
5+00	13.7	9.6			
	13.9	9.8			
	14.1	10.0			
	14.0	9.9			
	14.0	9.9			
50	14.0	9.9			

Contd from Pg. 53

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N. 118+00; 0+00 = W. 12, 730; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.5	+3.6	2+00	13.6	9.5
(4.1)	1.3	+2.8			
11:15	1.8	+2.3			
	2.0	+2.1			
	2.3	+1.8			
50	3.0	+1.1			
	3.5	+0.6			
	4.2	0.1			
	5.1	1.0			
	9.8	5.7			
1+00	11.8	7.7			
	13.7	9.6			
	14.2	10.1			
	14.6	10.5			
	14.8	10.7			
50	14.9	10.8			
	14.9	10.8			
	14.9	10.8			
	14.7	10.6			
	14.0	9.9			

Cont'd from Pg. 53) 11-9-56

N. 119+00; 0+00 = W. 12,760; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.5	+3.6	2+00	13.4	9.3
(4.1)	1.0	+3.1			
11:22	1.5	+2.6			
<u>2</u>	1.7	+2.4			
	1.9	+2.2			
50	2.2	+1.9			
	2.8	+1.3			
	3.2	+0.9			
	3.9	+0.2			
	4.5	0.4			
1+00	7.0	2.9			
	10.0	5.9			
	12.0	7.9			
	12.8	8.7			
	13.0	8.9			
50	13.1	9.0			
	13.2	9.1			
	13.1	9.0			
	13.2	9.1			
	13.2	9.1			

Cont'd from Pg. 53

N. 120+00; 0+00 = W. 12,800; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.2	+3.0	2+00	14.9	10.7
(4.2)	1.2	+3.0			
11:28	1.3	+2.9			
<u>2</u>	1.3	+2.9			
	1.7	+2.5			
50	2.0	+2.2			
	2.3	+1.9			
	2.9	+1.3			
	3.2	+1.0			
	3.9	+0.3			
1+00	4.8	0.6			
	8.8	4.6			
	11.7	7.5			
	13.2	9.0			
	13.9	9.7			
50	14.0	9.8			
	14.2	10.0			
	14.5	10.3			
	14.8	10.6			
	14.9	10.7			

Cont'd from pg 53)

11-9-56

N. 121+00; 0+00 = W. 12,800; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.7	+3.5	2+00	14.4	10.2
(4.2)	0.7	+3.5	(4.2)	14.4	10.2
<u>11.37</u>	0.8	+3.4		14.1	9.9
	1.0	+3.2	<u>11.40</u>	14.0	9.1
	1.0	+3.2		14.0	9.1
50	1.1	+3.1	50	14.0	9.1
	1.1	+3.1			
	1.2	+3.0			
	1.2	+3.0			
	1.5	+2.6			
1+00	2.0	+2.2			
	2.2	+2.0			
	2.9	+1.3			
	3.4	+0.8			
	4.1	+0.1			
50	5.0	0.8			
	10.5	6.3			
	12.7	8.5			
	14.2	10.0			
	14.2	10.0			

Cont'd from pg 53)

(72)

N. 122+00; 0+00 = W. 12,800; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.6	+3.6	2+00	10.1	5.9
(4.2)	1.0	+3.2	(4.2)	11.8	7.6
<u>11.95</u>	0.9	+3.3		13.0	8.8
	1.1	+3.1		13.1	8.9
	1.1			13.2	9.0
50	1.1		50	13.4	9.2
	1.1	+3.1		13.5	9.3
	1.2	+3.0		13.5	9.3
	1.3	+2.9		13.7	9.5
	1.4	+2.8		13.8	9.6
1+00	1.5	+2.7	3+00	13.9	9.7
	1.5	+2.7			
	1.4	+2.8			
	1.8	+2.4			
	2.1	+2.1			
50	2.7	+1.5			
	3.1	+1.1			
	4.0	+0.2			
	4.5	0.3			
	6.0	1.8			

(Contd from Pg 53) 11-9-56

N. 123+00; 0+00 = W. 12,800; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.5	+3.7	2+00	2.8	+1.4
(42)	1.0	+3.2	(42)	3.2	+1.0
<u>11:53</u>	1.0	+3.2	<u>11:55</u>	4.0	+0.2
	1.2	+3.0		4.9	0.7
	1.3	+2.9		6.8	2.6
50	1.3	+2.9	50	11.9	7.7
	1.3	+2.9		13.0	8.8
	1.4	+2.8		16.2	12.0
	1.6	+2.6		16.0	11.8
	1.6	+2.6		15.0	10.8
1+00	1.7	+2.5	3+00	14.5	10.3
	1.8	+2.4			
	1.9	+2.3			
	2.0	+2.2			
	2.0	+2.0			
50	2.1	+2.1			
	2.2	+2.0			
	2.1	+2.1			
	2.2	+2.0			
	2.5	+1.7			

(Contd from Pg 54)

N. 124+00; 0+00 = W. 12,800; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.0	+3.2	2+00	2.8	+1.4
(4.2)	1.0	+3.2	(4.2)	3.0	+1.2
<u>12:02</u>	1.1	+3.1		2.9	+1.3
	1.3	+2.9		3.0	+1.2
	1.5	+2.7		3.2	+1.0
50	1.5	+2.7	50	4.0	+0.2
	1.6	+2.6		4.8	0.6
	1.7	+2.5		6.8	2.6
	1.8	+2.4		10.0	5.8
	1.8	+2.4		12.0	7.8
1+00	1.8	+2.4	3+00	12.5	8.3
	1.9	+2.3		13.0	8.8
	2.0	+2.2		13.0	8.8
	2.1	+2.1		13.0	8.8
	2.2	+2.0		13.1	8.9
50	2.3	+1.9	50	13.2	9.0
	2.4	+1.8			
	2.5	+1.7			
	2.8	+1.4			
	2.8	+1.4			

Contd from Pg 54) 11-9-56

N. 125+00; 0+00 = W. 12,800; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.1	+3.2	2+00	2.7	+1.6
(4.3)	1.2	+3.1	(4.3)	2.8	+1.5
<u>1210</u>	1.3	+3.0		3.0	+1.3
	1.3	+3.0		3.2	+1.1
	1.5	+2.8		3.3	+1.0
50	1.7	+2.6	50	3.3	
	1.8	+2.5		3.3	
	1.8	+2.5		3.3	
	1.9	+2.4		3.3	+1.0
	2.0	+2.3		3.7	+0.6
1+00	2.0	+2.3	3+00	4.1	+0.2
	2.1	+2.2		4.9	0.6
	2.1	+2.2		8.0	3.7
	2.2	+2.1		11.1	6.8
	2.4	+1.9		13.0	8.7
50	2.5	+1.8	50	13.4	9.1
	2.5	+1.8		13.5	9.2
	2.7	+1.6		13.4	9.1
	2.7	+1.6	1213	13.2	8.9
	2.7	+1.6	<u> </u>	13.2	8.9
			4+00	13.0	8.7

Contd from Pg. 54)

N. 126+00; 0+00 = W. 12,800; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	0.9	+3.4	2+00	3.0	+1.3
(4.3)	1.1	+3.2	(4.3)	3.0	+1.3
<u>1218</u>	1.2	+3.1		3.0	+1.3
	1.2	+3.1	<u>1220</u>	3.1	+1.2
	1.5	+2.8		3.3	+1.0
50	1.7	+2.6	50	3.4	+0.9
	1.9	+2.4		3.5	+0.8
	2.0	+2.3		3.4	+0.9
	2.0	+2.3		3.4	+0.9
	2.2	+2.1		3.7	+0.6
1+00	2.2	+2.1	3+00	3.8	+0.5
	2.3	+2.0		3.9	+0.4
	2.2	+2.1		3.9	+0.4
	2.3	+2.0		3.8	+0.5
	2.3	+2.0		3.9	+0.4
	2.5	+1.8	50	4.2	+0.2
50	2.6	+1.7		5.1	0.8
	2.8	+1.5		9.0	4.7
	2.8	+1.5		12.0	7.7
	2.9	+1.4		13.1	8.8
	2.9	+1.4	4+00	13.2	8.9
				13.2	8.9
				13.2	8.9
				13.1	8.8
				13.0	8.7
			50	13.0	8.7

Contd from Pg. 54) 11-9-56

N. 127+00; 0+00 = W. 12,800; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.6	+2.7	2+00	3.8	+0.5
(4.3)	1.8	+2.5	(4.3)	3.8	+0.5
<u>12:35</u>	1.8	+2.5		3.8	+0.5
	2.0	+2.3		3.9	+0.4
	2.1	+2.2		3.9	+0.4
50	2.1	+2.2	50	3.8	+0.5
	2.2	+2.1		3.8	+0.5
	2.3	+2.0		3.8	+0.5
	2.5	+1.8		3.7	+0.6
	2.6	+1.7		3.6	+0.7
1+00	2.9	+1.4	3+00	3.9	+0.4
	3.0	+1.3		3.8	+0.5
	3.2	+1.1		3.7	+0.6
	3.4	+0.9		3.8	+0.5
	3.3	+1.0	50	3.9	+0.4
50	3.4	+0.9	50	3.9	+0.4
	3.5	+0.8		3.9	+0.4
	3.4	+0.9		3.8	+0.5
	3.6	+0.7		4.0	+0.3
	3.6	+0.7		4.8	0.5
			4+00	5.0	0.7
				7.1	2.8
				10.1	5.8
				12.5	8.2
				13.2	8.9
			50	13.2	8.9
				13.1	8.8
				13.0	8.7
			<u>12:40</u>	12.9	8.6
				12.7	8.4
			5+00	12.5	8.2

Contd from Pg. 55)

N. 128+00; 0+00 = W. 12,700; SOUND WEST

(Plotted Roll 23)

(25)

Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.0	+3.3	2+00	3.0	+1.3
(4.3)	0.9	+3.4	(4.3)	3.1	+1.2
<u>12:45</u>	1.1	+3.2		3.2	+1.1
	1.2	+3.1		3.3	+1.0
	1.5	+2.8		3.4	+0.9
50	1.7	+2.6	50	3.5	+0.8
	1.7	+2.6		3.8	+0.5
	1.8	+2.5		4.0	+0.3
	1.8	+2.5		4.1	+0.2
	1.9	+2.4		4.0	+0.3
1+00	2.1	+2.2	3+00	4.1	+0.2
	2.1	+2.2		4.1	
	2.2	+2.1		4.1	
	2.3	+2.0		4.1	
	2.3	+2.0		4.1	+0.2
	2.5	+1.8		4.0	+0.3
50	2.5	+1.8	50	4.1	+0.2
	2.6	+1.7		4.2	+0.1
	2.6	+1.7		4.0	+0.3
	2.8	+1.5		4.0	+0.3
	3.0	+1.3		4.0	+0.3

N. 128+00 CONTD; SOUND WEST

Dist	Sound	Elev	Dist	Sound	Elev
4+00	4.0	+0.3			
(43)	4.1	+0.2			
	4.0	+0.3			
<u>12:28</u>	4.1	+0.2			
<u>50</u>	4.1	+0.2	50		
50	4.0	+0.3			
	4.0	+0.3			
	4.2	+0.1			
	4.1	+0.2			
	4.1	+0.2			
5+00	4.8	0.5			
	5.2	0.9			
	10.0	5.7			
	12.0	7.7			
	13.0	8.7			
50	13.1	8.8			
	13.2	8.9			
	13.2	8.9			
	13.1	8.8			
	13.1	8.8			
6+00	13.0	8.7			

(Contd from P9.55) 11-9-56

N. 129+00; 0+00 - W 12,700; SOUND WEST					
Dist	Sound	Elev	Dist	Sound	Elev
0+00	1.8	+2.5	2+00	3.4	+0.9
(43)	1.9	+2.4	(43)	3.5	+0.8
<u>12:57</u>	2.0	+2.3		3.8	+0.5
<u>50</u>	2.0			4.0	+0.3
50	2.0			4.4	0.1
50	2.0	+2.3	50	4.5	0.2
	2.1	+2.2		4.5	0.2
	2.1	+2.2		4.5	0.2
	2.3	+2.0	<u>11:00</u>	4.6	0.3
	2.6	+1.7		4.6	0.3
1+00	2.6	+1.7	3+00	4.5	0.2
	2.7	+1.6		4.5	0.2
	2.7	+1.6		4.5	0.2
	2.9	+1.4		4.5	0.2
	2.9	+1.4		4.8	0.5
50	2.9	+1.4	50	4.5	0.2
	3.0	+1.3		4.6	0.3
	3.0	+1.3		4.6	
	3.1	+1.2		4.6	
	3.3	+1.0		4.6	0.3

N. 129+00; CONTD; WEST 11-9-56

DIST SOUND ELEV DIST SOUND ELEV

4+00 4.6 0.3

(43) 4.6 0.3

4.5 0.2

1:03 4.5 0.2

50 4.8 0.5 50

50 6.7 2.4

10.5 6.2

12.0 7.7

13.0 8.7

13.3 9.0 7+00

5+00 13.5 9.2

13.5 9.2

13.2 8.9

13.1 8.8

13.1 8.8

50 13.1 8.8

6+00

(Contd from P. 55)

N. 130+00; 0+00=W. 12,600; SOUND WEST

DIST SOUND ELEV DIST SOUND ELEV

0+00 1.6 +2.7 2+00 3.4 +0.9

(43) 1.5 +2.8 (43) 3.4 +0.9

1:12 1.0 +3.3 3.5 +0.8

50 1.8 +2.5 3.6 +0.7

1.7 +2.6 3.6 +0.7

50 1.8 +2.5 50 3.8 +0.5

1.9 +2.4 4.0 +0.3

1.9 +2.4 4.2 +0.1

2.0 +2.3 4.0 +0.3

2.2 +2.1 4.2 +0.1

1+00 2.2 +2.1 3+00 4.2 +0.1

2.4 +1.9 4.1 +0.2

2.6 +1.7 4.1

2.6 +1.7 4.1

2.7 +1.6 4.1 +0.2

50 2.8 +1.5 50 4.2 +0.1

2.9 +1.4 4.2 +0.1

3.1 +1.2 4.3 0.0

3.1 +1.2 4.2 +0.1

3.2 +1.1 4.3 0.0

11-9-56

N. 130+00 CONTD WEST; 11-9-56

DIST	SOUND	ELEV	DIST	SOUND	ELEV
4+00	4.4	0.1	6+00	13.0	8.7
(4.3)	4.5	0.2			
<u>11.15</u>	4.4	0.1			
<u>4.4</u>	4.4	0.1			
	4.3	0.0			
50	4.3	0.0			
	4.5	0.2			
	4.4	0.1			
	4.4	0.1			
	4.7	0.4			
5+00	6.0	1.7			
	9.5	5.2			
	11.5	7.2			
	12.5	8.2			
	12.9	8.6			
50	13.0	8.7			
	13.0	8.7			
	13.1	8.8			
	13.0	8.7			
	13.0	8.7			

(Cont'd from Pg. 55)

N. 131+00; 0+00=W. 12,500; SOUND WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00	1.3	+3.0	2+00	3.1	+1.2
(4.3)	1.5	+2.8	(4.3)	3.3	+1.0
<u>11.25</u>	1.9	+2.4		3.8	+0.5
<u>2.0</u>	+2.3			4.1	+0.2
	2.1	+2.2		4.2	+0.1
50	2.3	+2.0	50	4.4	0.1
	2.5	+1.8		4.3	0.0
	2.5	+1.8		4.4	0.1
	2.4	+1.9		4.3	0.0
	2.3	+2.0		4.3	0.0
1+00	2.3	+2.0	3+00	4.4	0.1
	2.5	+1.8		4.3	0.0
	2.6	+1.7		4.2	+0.1
	2.7	+1.6		4.4	0.1
	2.8	+1.5		4.3	0.0
50	3.0	+1.3	50	4.3	0.0
	2.9	+1.4		4.5	0.2
	3.0	+1.3		4.5	0.2
	3.1	+1.2		4.5	0.2
	3.0	+1.3		4.4	0.1

N. 131+00 CONTD WEST 11-9-56

Dist	Sound	Elev	Dist	Sound	Elev
4+00	4.5	0.2	(4.3)	12.7	8.4
(4.3)	4.6	0.3		12.5	8.2
	4.7	0.4		12.5	8.2
<u>1130</u>	4.5	0.2		12.5	8.2
	4.5	0.2	50	12.8	8.5
50	4.7	0.4		12.8	8.5
	4.7	0.4		12.7	8.4
	4.5	0.2	<u>1133</u>	12.8	8.5
	4.5	0.2		12.8	8.5
	4.6	0.3	7+00	12.8	8.5
5+00	4.6	0.3			
	4.4	0.1			
	4.7	0.4			
	5.2	0.9			
	7.5	3.2	50		
50	10.0	5.7			
	11.9	7.6			
	12.3	8.0			
	12.5	8.2			
	12.5	8.2			
6+00	12.5	8.2			

N133 + W12000

N100 = W12950