

MB 149



MICROFILMED

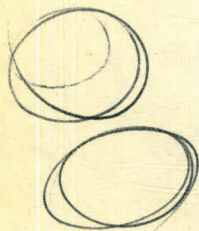
(68
30
32)

- N59 - W14860
- +50 - W14850
- N60 - W14840
- +50 - W14840
- N61 - W14850
- +50 - W14860
- N62 - W14850

MB No 149

THIS BOOK INDEXED 2-14-62

N69 = W7740
N71 = W7800
N73 = W7750
N75 = W7680



88.54
94

WLY

8760
BONE ISLAND

E'LY.

STAN 83

STA. N. 84

" N85

" N86

" N87

N N88

" N89

" N90

" N91

3-27-61

NOTE: NON-PAY 100 STAS. TAKEN WITH FATHOMETER
SOUNDINGS 55ELY CABRILLO & VICINITY.

(NOTE: See Baseline F.B. 145-Pg. 43-62)

STA. N. 68+00: 0+00 = W. 7,680 ; SOUND EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00				14.0	12.5
				13.7	12.2

1.5

50 13.0 11.5 5+00

				12.8	11.3
50	1.5	0.0		12.7	11.2
	11.3	9.8		12.6	11.1
10:55	12.1	10.6		12.7	11.2
	12.0	10.5	3+00	13.0	11.5
	12.0	}		13.1	11.6
1+00	12.0	}		13.1	11.6
	12.0	}		13.2	11.7
	12.7	11.2		13.2	11.7
	13.1	11.6	50	12.9	11.4
	13.2	11.7	ON FILL SLOPE	10.1	8.6
50	13.6	12.1		7.2	5.7
	13.8	12.3		7.6	6.1
	14.1	12.6		9.4	7.9
	14.5	13.0	4+00	10.8	9.3
	14.5	13.0		12.2	10.7
2+00	14.3	12.8		12.7	11.2
	14.1	12.6		11.3	9.8

STA. N. 68+00 - EAST

DIST SOUND ELEV

1.4	8.3	6.9
50	7.2	5.8
	5.8	4.4
11:00	5.4	4.0
	1.9	0.5

5+00

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STAN. 70400-100 = W. 7780 SOUND EAST

	DIST	Sound	Elev	DIST	Sound	Elev
	0+00			(12)	17.0	15.8
				50	17.0	}
					17.0	}
					17.0	}
					17.3	16.1
	50				17.3	16.1
				3+00	17.8	16.6
					17.8	16.6
11:10	2.5	1.3			17.9	16.7
	11.8	10.4			18.0	16.8
	11.0	9.8			18.0	16.8
1+00	9.6	8.4			18.0	16.8
	10.0	8.8	50	18.3	17.1	
	10.5	9.3			18.2	17.0
	10.9	9.7			18.5	17.3
	11.0	9.8			18.5	17.3
50	11.0	9.8			17.7	16.5
	11.6	10.4	4+00	17.2	16.0	
	12.6	11.4			15.0	13.8
	13.4	12.2			15.0	13.8
	15.6	14.4			15.1	13.9
2+00	16.4	15.2			17.0	15.8
	16.9	15.7	50	17.5	16.3	
	17.0	15.8			17.9	16.7
	17.0	15.8			18.0	16.8

STAN. 70400-EAST

	DIST	Sound	Elev	DIST	Sound	Elev
	(12)	18.0	16.8	(12)	15.9	14.7
		18.0	}		15.9	}
	5+00	18.0	}	50	15.9	}
		17.8	16.6		15.8	14.6
		17.9	16.7		15.6	14.4
		18.0	16.8		15.8	14.6
		17.8	16.6		15.2	14.0
	50	18.0	16.8	8+00	15.1	13.9
		18.0	}		15.0	13.8
		18.0	}		14.3	13.1
		18.0	}		13.2	12.0
		17.7	16.5		12.5	11.3
	6+00	17.5	16.3	50	11.8	10.6
		17.4	16.2			
		17.2	16.0			
11:15	16.9	15.7				
	16.8	15.6				
50	16.9	15.7				
	16.8	15.6				
	16.8	15.6				
	16.6	15.4				
	16.6	15.4				
7+00	16.5	15.3				
	16.2	15.0				
	15.9	14.7				

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STA. N. 72+00 DIST = N. 7770 SOUND EAST
 DIST SOUND ELEV DIST SOUND ELEV

	DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00				50	8.6	7.7
(0.9)				50	10.9	10.0
					13.9	13.0
					13.6	12.7
					13.8	12.9
50					14.0	13.1
				3+00	14.0	13.1
11:32	3.1	2.2			14.0	13.1
	6.1	5.2			14.0	13.1
	6.8	5.9			14.5	13.6
1+00	7.5	6.6			14.5	13.6
	7.7	6.8	50		14.2	13.3
	7.8	6.9	WHOLE SEC.		14.6	13.7
	7.9	7.0	SOUPY		14.6	13.8
	7.8	6.9			14.7	13.9
50	7.8	6.9			14.1	13.2
	7.8	6.9	4+00		14.2	13.3
	8.0	7.1			14.1	13.2
	7.9	7.0	11:35		14.8	13.9
	7.7	6.9			14.6	13.7
2+00	8.1	7.2			14.5	13.6
	8.1	7.2	50		14.6	13.7
	8.1	7.2			14.7	13.8
	8.4	7.5			15.0	14.1

STA. N. 72+00 - EAST

DIST SOUND ELEV DIST SOUND ELEV

	DIST	SOUND	ELEV	DIST	SOUND	ELEV
(0.9)		15.0	14.1			
		15.4	14.5			
5+00		15.8	14.9	50		
		16.0	15.1			
		16.0	15.1			
11:40		15.9	15.0			
		18.0	17.1			
50		18.8	17.9	8+00		
		18.7	17.8			
		18.6	17.7			
		18.5	17.6			
		18.3	17.9			
6+00		18.7	17.8			
		17.4	17.3			
		17.0	16.1			
		15.0	14.1			
		11.0	10.1			
50		5.3	4.4			
		3.8	2.9			
		2.5	1.6			
7+00						

(3)

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STA. N. 74+00 - WEST = W. 7720 SOUND EAST

Dist Sound Elev Dist Sound Elev

0+00 13 15.0 13.7

50 14.8 13.5

13 14.9 13.6

14.5 13.2

14.7 13.4

50 14.6 13.3

3+00 15.1 13.8

10:00 0.0 11.3 15.1 13.8

3.6 2.3 15.3 14.0

5.3 4.0 15.5 14.2

1+00 6.3 5.0 15.5 14.2

8.7 7.4 50 16.0 14.7

10.2 8.9 16.0 14.7

14.0 12.7 16.1 14.8

14.5 13.2 16.1 14.8

50 14.7 13.4 16.0 14.7

14.8 13.5 4+00 16.0 14.7

14.6 13.3 16.0 14.7

14.6 13.3 15.4 14.1

14.6 13.3 10:05 15.5 14.2

2+00 14.8 13.5 13.7 12.4

15.1 13.8 50 8.2 6.9

15.2 13.9 2.5 4.2

15.2 13.9

STA. N. 74+00 - EAST

Dist Sound Elev Dist Sound Elev

5+00 50

50

6+00

50

7+00

(2)

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STAN. 76+00; 0+00=W. 7710 SOUND EAST

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(13)	12.1	10.8
(13)			50	11.9	10.6
				12.0	10.7
				12.0	10.7
	0.0	+1.3		12.3	11.0
50	6.2	4.9		12.1	10.8
	8.9	7.6	3+00	12.0	10.7
<u>10+00</u>	10.5	9.2		12.2	10.9
	11.0	9.7		12.2	10.9
	11.9	10.6		12.9	11.6
1+00	12.1	10.8		12.5	11.2
	12.5	11.2	50	12.7	11.4
	12.5	11.2		11.8	10.5
	12.2	10.9		12.0	10.7
	12.2	10.9		12.4	11.1
50	12.3	11.0		12.1	10.8
	12.4	11.1	4+00	13.0	11.7
	12.4	11.1		12.7	11.4
	12.4	11.1		11.2	9.9
	12.4	11.1		1.2	+0.1
2+00	12.4	11.1			
	12.2	10.9	50		
	12.2	10.9			
	12.4	11.1			

⑤

STAN. 78+00; 0+00=W. 7770 SOUND EAST

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(13)	13.2	11.9
(13)	0.5	+0.8	50	11.5	10.3
	4.5	3.2	(12)	11.7	10.5
	7.3	6.0	1	11.6	10.4
	8.3	7.0	10+30	11.3	10.1
50	8.7	7.4	—	11.3	10.1
	10.4	9.1	3+00	11.0	9.8
<u>10+20</u>	11.1	9.8		11.0	9.8
	12.1	10.8		11.2	10.0
	12.2	10.9		11.1	9.9
1+00	12.9	11.6		11.1	9.9
	13.0	11.7	50	11.3	10.1
	13.0	11.7		11.2	10.0
	12.9	11.6		11.5	10.3
	13.3	12.0		10.9	9.7
50	12.8	11.5		11.1	9.9
	12.9	11.6	4+00	10.9	9.7
	13.1	11.8		10.8	9.6
	13.1	11.8		10.7	9.5
	13.0	11.7		10.3	9.1
2+00	13.1	11.8		10.0	8.8
	13.1	11.8	50	9.7	8.5
	13.1	11.8		8.2	7.0
	13.1	11.8		0.8	+0.4

STAN. 78+00 - EAST
 DIST SOUND ELEV

5+00

50

6+00

50

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(6)

STAN. 80+00; 0+00 - W. 8200 - SOUND EAST

DIST SOUND ELEV DIST SOUND ELEV

0+00 (17) 11.7 10.0

50 11.6 9.9

(17) 11.7 10.0

1.6 +0.1 11.7 10.0

3.3 1.6 11.5 9.8

50 4.9 3.2 11.5 9.8

8.6 6.9 3+00 11.6 9.9

1:00 9.2 7.5 11.6 9.9

9.8 8.1 11.6 9.9

10.0 8.3 11.5 9.8

1+00 9.0 7.3 11.3 9.6

8.9 7.2 50 11.3 9.6

9.0 7.3 11.1 9.4

7.0 5.3 11.1 9.4

10.0 8.3 11.0 9.3

50 10.0 8.3 11.0 9.3

10.1 8.4 1+00 11.0 9.3

10.7 9.0 10.9 9.2

10.8 9.1 10.8 9.1

11.0 9.3 10.9 9.2

2+00 11.1 9.4 10.9 9.2

11.6 9.9 50 10.9 9.2

11.9 10.2 10.8 9.1

11.8 10.1 10.9 9.2

STA. N. 80+00 - EAST			3-24-61			STA. N. 80+00 - EAST					
Dist	Sound	Elev	Dist	Sound	Elev	Dist	Sound	Elev	Dist	Sound	Elev
(1.7)	10.9	9.2	(1.7)	10.6	8.9						
	11.0	9.3		11.5	9.8						
5+00	11.1	9.4	50	11.3	9.6	10+00			50		
	10.9	9.2		11.8	10.1						
	10.9	9.2	<u>11.05</u>	11.9	10.2						
	11.0	9.3		11.3	9.6						
	11.0	9.3		11.3	9.6						
50	11.4	9.7	8+00	11.4	9.7	50			13+00		
	11.4	9.7		11.2	9.5						
	11.6	9.9		11.0	9.3						
	12.0	10.3		11.1	9.4						
	12.0	10.3		10.8	9.1						
6+00	11.6	9.9	50	8.7	7.0	11+00					
	10.6	8.9		4.5	2.8						
	10.3	8.6									
	10.4	8.7									
	10.3	8.6									
50	10.3	8.4	9+00			50					
	10.4	8.7									
	10.4	8.7									
	10.5	8.8									
	10.5	8.8									
7+00	10.4	8.7	50			12+00					
	10.6	8.9									
	10.6	8.9									

(SEE STA. N82+00-P9.12)

SOUNDINGS TEGOLOTE CREEK
SEE B/L SKETCH, F.B. 145-P9, 61

STA. 4+03.17; 0400=N. 7237.86; SOUND 5.173414"E

Dist	Sound	Elev	Dist	Sound	Elev
0400			(0.5)	14.6	14.1
			50	11.2	16.7
(0.5)				6.9	6.4

50	7.7	7.2	
	14.0	13.5	3+00
1:07	15.0	14.5	
~	14.8	14.3	
	14.2	13.7	
1+00	15.0	14.5	
	15.1	14.6	50
	15.3	14.8	
	14.3	14.8	
	13.9	13.4	
50	14.0	13.5	
	14.0	13.5	4+00
	14.0	13.5	
1:10	14.4	13.9	
~	14.2	13.7	
2+00	14.2	13.7	
	14.3	13.8	
	14.8	14.3	
	14.6	14.1	

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(8)

STA. 5+02.24; 0400=N. 7267.77; SOUND 5.173414"E

Dist	Sound	Elev	Dist	Sound	Elev
0400			(0.5)	15.5	15.0
			50	15.3	14.8
(0.5)				9.5	9.0

50	5.2	4.7	
	14.8	14.3	3+00
1:17	15.9	15.4	
~	15.7	15.2	
	14.8	14.3	
1+00	15.1	14.6	
	15.1	14.6	50
	15.3	14.8	
	15.3	14.8	
	15.4	14.9	
50	15.4	14.9	
	15.3	14.8	4+00
	15.3	14.8	
1:20	15.2	14.7	
~	15.4	14.9	
2+00	15.6	15.1	
	15.4	14.9	
	15.5	15.0	
	15.6	15.1	

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STA. 6+00' CHD = N. 72° 34' 14" E

Dist	Sound	Elev	Dist	Sound	Elev
0+00			(05)	13.6	13.1
(05)			50	10.4	9.9
				3.6	3.1

50	5.4	4.9			
	8.2	7.7	3+00		
1:25	14.4	13.9			
	15.1	14.6			
	15.3	14.8			
1+00	15.1	14.6			
	15.5	15.0	50		
	15.1	14.6			
	15.0	14.5			
	15.0	14.5			
50	15.0	14.5			
	15.0	14.5	4+00		
	15.0	14.5			
	15.0	14.5			
	14.7	14.2			
2+00	14.5	14.0			
	14.3	13.8			
	14.3	13.8			
	14.3	13.8			

②

STA. 7+00' CHD = N. 73° 27' 47" E

Dist	Sound	Elev	Dist	Sound	Elev
0+00			(06)	14.6	14.0
			50	12.0	11.4
(0.6)				6.7	6.1
				1.9	1.3

	0.7	0.1			
50	7.0	6.4			
	9.6	9.0	3+00		
	14.8	14.2			
1:35	15.4	14.8			
	15.3	14.7			
1+00	15.3	14.7			
	15.2	14.6	50		
	15.2	14.6			
	14.9	14.3			
	15.0	14.4			
50	15.0	14.4			
	15.1	14.5	4+00		
	15.0	14.4			
	14.7	14.1			
	14.6	14.0			
2+00	14.8	14.2			
	14.8	14.2			
	14.8	14.2			
	14.8	14.2			

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STA 8+00; 0+00 = N. 7357.66; SOUND 5.17 34 1/4" E

DIST SOUND ELEV DIST SOUND ELEV

0+00 (0.6) 12.2 11.6

10.6 50 11.3 10.7

8.8 8.2

0.0 10.6

50 8.5 7.9

11.8 11.2 3+00

12.8 12.2

1:40 12.5 11.9

13.0 12.4

1+00 13.0 12.4

12.7 12.1 50

12.7 12.1

12.8 12.2

12.8 12.2

50 12.6 12.0

12.9 12.3 4+00

13.1 12.5

13.1 12.5

13.5 12.9

2+00 13.1 12.5

13.0 12.4

13.0 12.4

12.5 11.9

(10)

STA 9+00; 0+00 = N. 7387.84; SOUND 5.17 34 1/4" E

DIST SOUND ELEV DIST SOUND ELEV

0+00 (0.6) 5.2 4.6

NOTE: Rip Rap is 50 4.5 3.9

Being Placed in 1.8 1.2

This Area on N. Side

(0.6)

50 0.0 10.6

2.0 1.4 3+00

2.5 1.9

1:50 4.0 3.4

3.0 2.4

1+00 1.5 0.9

6.3 5.7 50

9.0 8.4

10.1 9.5

11.2 10.6

50 12.0 11.4

12.3 11.7 4+00

12.5 11.9

12.5 11.9

12.0 11.4

2+00 11.4 10.8

8.3 7.7

7.7 7.1

6.9 6.3

TOE SECTION

STA. 9+40.12; 0+00 = N. 73° 09' 00" S; SOUND S. 17° 34' 44" E

DIST SOUND ELEV DIST SOUND ELEV

0+00

50

50

3+00

1+00

50

50

4+00

2+00

SEE SKETCH. FB. 145 3-27-61

STA. 9+ = NLY TOE SEC. SOUND S. 72° 25' 46" W

DIST SOUND ELEV DIST SOUND ELEV

0+00

50

50

1+00

STA. 9+40 = SEC. 65' SLY. OF N. TOE; SOUND S. 72° 25' 46" W

0+00

(09)

6.8 5.9

8.9 8.0

10.5 9.6

50 10.4 9.5

11.5 10.6

2:20 12.1 11.2

13.0 12.1

13.2 12.3

1+00 13.1 12.2

13.0 12.1

(09) 13.0 12.1

13.0 12.1

13.0 12.1

50 13.2 12.3

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STA. 9+40 = SEC. 130' SLY. OF N. TO E; SOUND S. 72° 25' 46" W

	DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00				(10)	12.9	11.9
(1.0)	4.2	3.2			13.1	12.1
	6.1	5.1			13.0	12.0
	8.3	7.3			13.6	12.6
	12.0	11.0	50	13.8	12.8	
50	12.1	11.1				
	12.4	11.4				
2:25	13.0	12.0				
<u> </u>	12.7	11.7				
	12.9	11.9				
1+00	12.9	11.9				

STA. 9+20 = SLY. TO E SEC. SOUND S. 72° 25' 46" W

	DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00				(10)	12.0	11.0
(1.0)	1.3	0.3			11.2	10.2
	6.1	5.1			10.8	9.8
	7.0	6.0	50	12.5	11.5	
	5.4	4.4				
50	6.1	5.1				
	8.2	7.2				
2:30	10.0	9.0				
<u> </u>	10.6	9.6				
	12.0	11.0				
1+00	12.7	11.7				
	12.2	11.2				

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(12)

STA. N. 82° 40' 00" CHOD = N. 8,760 ; SOUND EAST

	DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00				(79)	12.1	10.2
(19)				50	12.0	10.1
	1.1	+0.8			11.9	10.0
	1.8	+0.1			11.8	9.9
	4.1	2.2			11.5	9.6
50	6.4	4.5			11.1	9.2
	7.0	5.1	3+00	12.0	10.1	
1:35	10.0	8.1		12.4	10.5	
<u> </u>	10.2	8.3		12.9	11.0	
	10.9	9.0		13.0	10.1	
1+00	11.4	9.5		13.0	11.1	
	12.0	10.1	50	13.3	11.4	
	12.5	10.6		13.0	11.1	
	12.0	10.1		13.2	11.3	
	9.8	7.9		13.1	11.2	
50	7.7	5.8		13.0	11.1	
	7.8	5.9	4+00	13.0	11.1	
	7.4	5.5		12.8	10.9	
	7.8	5.9		12.8	10.9	
	9.5	7.6		12.8	10.9	
2+00	12.0	10.1		13.4	11.5	
	12.1	10.2	50	13.9	12.0	
	12.2	10.3		14.1	12.2	
	12.2	10.3		14.0	12.1	

STA. N. 82400-EAST 3-24-61

DIST	Sound	ELEV	DIST	Sound	ELEV
(19)	14.0	12.1	(21)	4.1	2.0
	13.8	11.9		7.0	4.9
5400	13.1	11.2	50	9.8	7.7
	12.9	11.0		10.7	8.6
	13.0	11.1	1150	12.5	10.4
	12.4	10.5		12.1	10.0
	10.9	9.0		12.2	10.1
50	9.8	7.9	8400	12.1	10.0
	7.1	5.2		12.2	10.1

WLY BONE ISLAND



6400			50	12.1	10.0
				11.9	9.8
				11.9	9.8
				11.8	9.7
				11.8	9.7
50			9400	11.6	9.5
				11.8	9.7
				11.7	9.6
				11.8	9.7
				12.0	9.9
7400			50	12.1	10.0
ELY BONE ISLAND				12.3	10.2
	1.0	10.9		12.1	10.0

STA. N. 82400-EAST

DIST	Sound	ELEV	DIST	Sound	ELEV
(21)	12.1	10.0	(21)	11.0	8.9
	12.0	9.9		11.0	8.9
10400	12.0	9.9	50	11.0	8.9
	11.9	9.8		11.3	9.2
	11.6	9.5	1155	11.1	9.0
	10.1	8.0		11.1	9.0
	10.1	8.0		11.0	8.9
50	10.3	8.2	13400	11.0	8.9
	10.5	8.4		10.8	8.7
	11.0	8.9		10.6	8.5
	11.5	9.4		10.5	8.4
	12.0	9.9		10.4	8.3
11400	12.5	10.4	50	10.0	7.9
	12.8	10.7		10.0	7.9
	12.4	10.3		9.6	7.5
	12.0	9.9		8.1	6.0
	11.2	9.1		3.1	1.0
50	11.1	9.0	10400		
	11.1	9.0			
	11.1	9.0			
	11.0	8.9			
	11.0	8.9			
12400	11.4	9.3	50		
	11.0	8.9			
	11.0	8.9			

STA. N. 82400 - EAST
Dist Sound Elev

15400

(FROM BONE ISLAND) 3-24-61

STA. N. 84400; CHD-W. 8320; SOUND WEST

Dist Sound Elev Dist Sound Elev

0400

(2.3)

(23) 10.7 8.4

50 10.6 8.3

10.7 8.4

10.8 8.5

12.0 9.7

50 10.8 8.5 13.0 10.7

11.1 8.8 3400 12.8 10.5

2115 11.0 8.7 12.6 10.3

11.0 8.7 12.6 10.3

11.0 8.7 12.6 10.3

1400 11.1 8.8 12.6 10.3

11.1 8.8 50 13.0 10.7

11.0 8.7 12.9 10.6

11.1 8.8 12.8 10.5

11.1 8.8 12.6 10.3

50 11.0 8.7 12.9 10.6

11.0 8.7 4400 12.9 10.6

11.0 8.7 12.9 10.6

11.0 8.7 13.0 10.7

11.0 8.7 12.8 10.5

2400 10.9 8.6 12.6 10.3

10.8 8.5 50 12.5 10.2

10.9 8.6 12.3 10.0

10.7 8.4 12.3 10.0

STAIN. 8400-WEST 3-24-61

DIST SOUND ELEV DIST SOUND ELEV

DIST	SOUND	ELEV	DIST	SOUND	ELEV
(2A)	12.1	9.7			
	11.9	9.5			
5+00	12.0	9.6	50		
	12.0	9.6			
	13.7	11.3			
	12.1	9.7			
	12.5	10.1			
50	12.0	9.6	8+00		
	11.7	9.3			
	11.5	9.1			
	11.9	9.5			
	11.9	9.5			
6+00	11.6	9.2	50		
	11.7	9.3			
	10.9	8.5			
<u>2:20</u>	11.5	9.1			
	11.4	9.0			
50	11.0	8.6			
	11.0	8.6			
	11.0	8.6			
	11.0	8.6			
	10.6	8.2			
7+00	6.0	3.6			
	2.7	0.3			

(FROM BONE ISLAND)

3-27-61

(15)

STAIN. 8400: 0400=11.7980; SOUND EAST

DIST SOUND ELEV DIST SOUND ELEV

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(12)	11.1	9.9
(1.2)			50	11.3	10.1
				11.0	9.8
	0.5	40.7		10.8	9.6
	4.8	3.6		10.7	9.5
50	8.4	7.2		10.6	9.4
	9.6	8.4	3+00	10.7	9.5
2:45	10.2	9.0		10.9	9.7
<u>—</u>	10.3	9.1		10.9	9.7
	10.3	9.1		10.7	9.5
1+00	10.7	9.5		10.7	9.5
	10.6	9.4	50	10.6	9.4
	10.6	9.4		10.3	9.1
	10.7	9.5		10.3	9.1
	10.8	9.6		10.3	9.1
50	10.7	9.5		10.4	9.2
	10.9	9.7	4+00	10.4	9.2
	11.0	9.8		10.3	9.1
	11.1	9.9		10.2	9.0
	11.0	9.8		10.2	9.0
2+00	11.0	9.8		10.2	9.0
	11.0	9.8	50	10.3	9.1
	11.0	9.8		10.1	8.9
	11.0	9.8		10.1	8.9

STA. N. 84+00 - EAST 3-27-61

DIST	SOUND	ELEV	DIST	SOUND	ELEV
1.2	10.0	8.8			
	10.0	8.8			
5+00	9.9	8.7			
	9.9	8.7			
2:50	9.7	8.5			
	9.6	8.4			
	9.4	8.2			
50	9.1	7.9			
	8.7	7.5			
	7.8	6.6			
	5.6	4.4			
5+90	0.9	10.3			

FROM BONE ISLAND 3-29-61

(16)

STA. N. 86+00; 0+00 = W. 8, 110 ; SOUND EAST					
DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00	(2.9)	12.8		10.4	
(124)	50	13.6		11.2	
		13.4		11.0	
	0.7	11.7		13.4	11.0
	2.3	11.1		13.2	10.8
50	11.3	8.9		13.2	10.8
	11.5	9.1	3+00	13.5	11.1
11:10	11.5	9.1		13.4	11.0
	11.6	9.2		13.4	11.0
	12.0	9.6		13.5	11.1
1+00	12.3	9.9		13.3	10.9
	12.9	10.5	50	12.3	9.9
	13.5	11.1		12.9	10.5
	13.3	10.9		13.5	11.1
	13.2	10.8		13.5	11.1
50	13.2	10.8		13.7	11.3
	13.3	10.9	4+00	13.5	11.1
	13.4	11.0		13.5	11.1
	13.8	11.4	11:15	13.3	10.9
	13.9	11.5		13.3	10.9
2+00	13.9	11.5		13.2	10.8
	13.7	11.3	50	13.3	10.9
	13.3	10.9		13.5	11.1
	13.1	10.7		13.4	11.0

STA. N. 86+00 - EAST 3-25-61

DIST	Sound	Elev
(2A)	13.3	10.9
	13.2	10.8
5+00	13.3	10.9
	13.2	10.8
	13.0	10.6
	13.1	10.7
	13.3	10.9
50	13.1	10.7
	13.1	10.7
	13.3	10.9
	13.2	10.8
	13.2	10.8
6+00	13.3	10.9
	12.9	10.5
	12.6	10.2
	12.6	10.2
	12.7	10.3
50	12.0	9.6
	12.0	9.6
	11.8	9.4
	4.4	2.0
	1.2	+1.2

7+00

FROM BONE ISLAND 3-24-61

(17)
 STA. N. 86+00.0+00 = W. 8.340 ; SOUND WEST

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(25)	11.0	8.5
(2.5)			50	11.0	8.5
				11.0	8.5
				10.8	8.3
	1.5	+1.0		10.8	8.3
50	5.0	2.5		10.7	8.2
	8.9	6.4	3+00	10.7	8.2
2.25	10.0	7.5		10.3	7.8
	10.1	7.6		10.1	7.6
	10.4	7.9		12.0	9.5
1+00	10.9	8.4		13.0	10.5
	11.0	8.5	50	13.1	10.6
	10.8	8.3		13.0	10.5
	10.9	8.4		13.0	10.5
	10.9	8.4		13.0	10.5
50	11.0	8.5		13.0	10.5
	11.0	8.5	4+00	12.9	10.4
	11.2	8.7		12.6	10.1
	11.1	8.6		12.5	10.0
	11.1	8.6		12.5	10.0
2+00	11.1	8.6		12.5	10.0
	11.0	8.5	50	12.5	10.0
	11.0	8.5		12.5	10.0
	11.0	8.5		12.1	9.6

STA. N. 86+00 - WEST 3-24-61

DIST	Sound	Elev	DIST	Sound	Elev
(25)	12.0	9.5	(25)	12.2	9.7
	11.8	9.3		12.2	9.7
5+00	11.5	9.0	50	12.4	9.9
	11.3	8.8		12.4	9.9
	12.0	9.5		12.3	9.8
2:30	11.5	9.0		12.1	9.6
	12.2	9.7		12.3	9.8
50	12.3	9.8	8+00	12.9	10.4
	11.7	9.2		13.1	10.6
	12.0	9.5		13.1	10.6
	12.0	9.5		13.0	10.5
	12.0	9.5		12.9	10.4
6+00	12.0	9.5	50	12.9	10.4
	12.4	9.9		13.0	10.5
	12.0	9.5		13.2	10.7
	12.0	9.5		13.0	10.5
	12.0	9.5		13.0	10.5
50	12.1	9.6	9+00	13.0	10.5
	12.0	9.5		13.0	10.5
	12.1	9.6		13.0	10.5
	12.1	9.6		13.3	10.8
	11.9	9.4		11.2	8.7
7+00	12.0	9.5	50	10.9	8.4
	11.8	9.3		6.9	4.4
	12.2	9.7		4.8	2.3

(18)
STA. N. 86+00 - WEST

DIST	Sound	Elev
	2.2	+0.3

3-24-61

STA. N. 88+00: 0+00 = N. 8,430 ; SOUND WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			26	10.5	7.9
26			50	10.6	8.0
				10.6	8.0
	0.9	41.7		10.1	7.5
	3.0	0.4		10.0	7.4
50	7.0	4.4		10.2	7.6
	9.2	6.6	3+00	10.2	7.6
2:40	10.2	7.6		11.2	8.6
	10.3	7.7		12.9	10.3
	10.1	7.5		13.0	10.4
1+00	10.1	7.5		12.7	10.1
	10.6	8.0	50	12.9	10.3
	10.7	8.1		12.7	10.1
	10.7	8.1		12.6	10.0
	10.6	8.0		12.7	10.1
50	10.7	8.1		12.6	10.0
	10.8	8.2	4+00	12.7	10.1
	10.7	8.1		12.6	10.0
	10.6	8.0		12.6	10.0
	10.7	8.1		12.7	10.1
2+00	10.6	8.0		12.6	10.1
	10.6	8.0	50	12.4	9.8
	10.6	8.0		12.6	10.0
	10.5	7.9		12.4	9.8

STA. N. 88+00 - WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
26	12.2	9.6	26	13.1	10.5
	11.9	9.3		12.9	10.3
5+00	12.0	9.4	50	13.1	10.5
	11.8	9.2		12.3	9.7
	12.0	9.4		13.0	10.4
	12.8	10.2		12.6	10.0
	12.8	10.2		12.5	9.9
50	12.7	10.1	8+00	12.4	9.8
	11.4	8.8		13.0	10.4
2:45	12.0	9.4		12.3	9.7
	12.0	9.4		12.7	10.1
	11.7	9.1		12.9	10.3
6+00	11.2	8.6	50	12.3	9.7
	11.9	9.3		13.1	10.5
	10.9	8.3		13.2	10.6
	11.3	8.7		13.1	10.5
	11.0	8.4		13.0	10.4
50	11.9	9.3	9+00	13.0	10.4
	11.9	9.3		13.0	10.4
	11.4	8.8		13.0	10.4
	12.0	9.4		13.2	10.6
	12.8	10.2		13.2	10.6
7+00	12.3	9.7	50	13.5	10.9
	13.0	10.4		13.9	11.3
	12.9	10.3		12.4	9.8

(19)

STA. N 88+00 - WEST 3-24-61

DIST SOUND ELEV DIST SOUND ELEV

(27)	12.4	9.7		
	12.1	9.4		
10+00	11.7	9.0	50	
	12.3	9.6		
<u>2:50</u>	12.6	9.9		
	12.3	9.6		
	12.6	9.9		
50	11.8	9.1	13+00	
	11.1	8.4		
	10.1	7.4		
	8.8	6.1		
	9.0	6.3		
11+00	5.6	2.9		
	2.3	+0.4		

50

12+00

(FROM BONE ISLAND) 3-29-61

(20)

STA. N 88+00' 0+00 = N. 8.200 ; SOUND EAST

DIST SOUND ELEV DIST SOUND ELEV

0+00			(27)	13.4	10.7
(27)			50	13.1	10.4
				13.4	10.7
	0.2	+2.5		13.4	10.7
	3.1	0.4		13.1	10.4
50	7.0	4.3		13.3	10.6
	10.0	7.3	3+00	12.9	10.2
11:00	12.2	9.5		13.0	10.3
	12.9	10.2		13.0	10.3
	13.4	10.7		13.0	10.3
1+00	13.0	10.3		12.6	9.9
	13.0	10.3	50	12.5	9.8
	13.0	10.3		12.0	9.3
	13.0	10.3		12.0	9.3
	12.8	10.1		11.9	9.2
50	13.5	10.8		12.0	9.3
	13.7	11.0	4+00	11.5	8.8
	13.9	11.2		11.7	9.0
	14.0	11.3		12.0	9.3
	14.0	11.3		12.4	9.7
2+00	14.0	11.3		12.9	10.2
	13.0	10.3	50	12.3	9.6
	13.8	11.1		13.0	10.3
	13.9	11.2		13.2	10.5

STA. N. 88+00 - EAST 3-29-61

DIST SOUND ELEV DIST SOUND ELEV

(27)	13.0	10.3	(27)	10.3	7.6
	13.8	11.1		5.2	2.5
5+00	13.5	10.8	50	1.1	+1.6
	13.5	10.8			
	13.6	10.9			
	13.0	10.3			
	12.9	10.2			
50	13.0	10.3			
	13.0	10.3			
	12.8	10.1			
	12.8	10.1			
	13.0	10.3			
6+00	13.0	10.3			
	13.0	10.3			
	12.7	10.0			
	12.9	10.2			
	12.9	10.2			
50	13.0	10.3			
	13.0	10.3			
	12.9	10.2			
	11.8	9.1			
	12.0	9.3			
7+00	11.6	8.9			
	11.4	8.7			
	11.0	8.3			

3-29-61

(2)

STA. N. 90+00 - WEST W. 8.530 SOUND WEST

DIST SOUND ELEV DIST SOUND ELEV

0+00			(33)	14.0	10.7
			50	14.7	11.4
(33)	0.2	+3.1		14.8	11.5
	2.9	+0.4		13.5	10.2
	8.0	4.7		14.1	10.8
50	10.4	7.1		14.9	11.6
	13.6	10.3	3+00	14.9	11.6
10:25	14.0	10.7		13.9	10.6
	13.7	10.4		14.9	11.6
	14.2	10.9		14.1	10.8
1+00	13.9	10.6		13.5	10.2
	14.5	11.2	50	13.2	9.9
	12.9	9.6		13.1	9.8
	14.0	10.7		13.2	9.9
	13.6	10.3		13.2	9.9
50	14.5	11.2		13.2	9.9
	13.9	10.6	4+00	13.2	9.9
	14.2	10.9		13.0	9.7
	13.8	10.5		13.1	9.8
	14.6	11.3		13.3	10.0
2+00	14.9	11.6		13.1	9.8
	14.0	10.7	50	13.0	9.7
	14.9	11.6		12.8	9.5
	14.2	10.9		12.6	9.3

STA. N. 90+00 - WEST 3-29-61

DIST	Sound	Elev	DIST	Sound	Elev
(32)	12.7	9.5	(32)	11.7	8.5
	12.7	9.5		11.7	8.5
5+00	12.5	9.3	50	12.1	8.9
	12.4	9.2		13.1	9.9
	12.2	9.0		12.4	9.2
10.30	12.0	8.8		13.0	9.8
~	11.8	8.6		13.0	9.8
50	11.5	8.3	8+00	13.6	10.4
	12.0	8.8		13.9	10.7
	12.2	9.0		14.0	10.8
	12.0	8.8		14.0	10.8
	12.2	9.0		13.7	10.5
6+00	12.0	8.8	50	13.9	10.7
	11.5	8.3		13.6	10.4
	11.8	8.6		13.3	10.1
	12.0	8.8		13.2	10.0
	11.8	8.6		13.0	9.8
50	11.6	8.4	9+00	13.0	9.8
	11.9	8.7		13.0	9.8
	12.0	8.8		12.6	9.4
	12.0	8.8		13.1	9.9
	12.0	8.8		13.0	9.8
7+00	12.0	8.8	50	13.0	9.8
	11.9	8.7		13.1	9.9
	11.9	8.7		13.0	9.8

STA. N. 90+00 - WEST

(22)

DIST	Sound	Elev	DIST	Sound	Elev
(31)	12.8	9.7			
	13.1	10.0			
10+00	12.7	9.6	50		
	13.0	9.9			
	13.0	9.9			
	13.1	10.0			
	13.5	10.4			
50	13.5	10.4	13+00		
	12.9	9.8			
	13.4	10.3			
	16.0	12.9			
	16.0	12.9			
11+00	16.1	13.0	50		
	15.7	12.6			
	15.2	12.1			
10.35	15.6	12.5			
~	16.0	12.9			
50	16.2	13.1	14+00		
	16.0	12.9			
	11.7	8.6			
	5.5	2.4			
	2.4	10.7			
12+00			50		

(FROM BONE ISLAND) 3-29-61

STA. N. 90+00: 0+00 = W. 8.240 ; SOUND EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(29)	13.0	10.1
(29)			50	13.0	10.1
				12.7	9.8
	0.8	+2.1		13.0	10.1
	7.0	4.1		13.1	10.2
50	10.3	7.4		13.0	10.1
	11.5	8.6	3+00	12.6	9.7
10:45	11.9	9.0		12.9	10.0
	12.2	9.3		13.2	10.3
	12.9	10.0		13.3	10.4
1+00	12.9	10.0		13.5	10.6
	13.1	10.2	50	13.6	10.6
	13.0	10.1		13.4	10.5
	12.8	9.9		13.5	10.6
	13.2	10.3		13.2	10.3
50	13.0	10.1		13.4	10.5
	13.0	10.1	4+00	13.0	10.1
	13.0	10.1		13.2	10.3
	12.9	10.0		13.7	10.8
	13.2	10.3		13.9	11.0
2+00	12.7	9.8		13.6	10.7
	13.3	10.4	50	13.0	10.1
	12.6	9.7		12.9	10.0
	13.5	10.6		13.4	10.5

STA. N. 90+00 - EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
(28)	13.5	10.7	(28)	7.4	4.6
	12.9	10.1		2.0	+0.8
5+00	13.8	11.0	50		
	13.5	10.7			
	13.1	10.3			
10:50	13.6	10.8			
	13.3	10.5			
50	13.2	10.4	8+00		
	13.4	10.6			
	13.4	10.6			
	13.3	10.5			
	13.4	10.6			
6+00	13.5	10.7			
	13.4	10.6			
	13.4	10.6			
	13.3	10.5			
	13.3	10.5			
50	13.3	10.5			
	13.1	10.3			
	12.7	9.9			
	12.3	9.5			
	12.2	9.4			
7+00	11.8	9.0			
	11.4	8.6			
	10.2	7.4			

(FROM E. SHORE)

3-29-61

STA. N. 92400; CHOO = W. 7,540 ; SOUND WEST

DIST SOUND ELEV DIST SOUND ELEV

0+00

(20)

(20)

50

12.0 10.0

12.0 10.0

12.0 10.0

12.0 10.0

12.3 10.3

12.5 10.5

3+00

12.5 10.5

12.0 10.0

12.7 10.7

12.3 10.3

11.5 9.5

50

12.4 10.4

12.1 10.1

11:30

11.1 9.1

10.1 8.1

11.0 9.0

4+00

11.0 9.0

11.0 9.0

11.0 9.0

11.1 9.1

11.1 9.1

50

11.0 9.0

10.9 8.9

11.5 9.5

STA. N. 92400 - WEST

DIST SOUND ELEV DIST SOUND ELEV

(20)

11.7 9.7

12.0 10.0

12.2 10.2

12.4 10.4

12.6 10.6

12.1 10.1

12.5 10.5

50

12.8 10.8

12.8 10.8

12.8 10.8

12.0 10.0

12.9 10.9

6+00

11.9 9.9

11.9 9.9

13.0 11.0

11.8 9.8

12.2 10.2

50

12.8 10.8

12.5 10.5

12.0 10.0

11.9 9.9

12.3 10.3

7+00

12.7 10.7

12.6 10.6

12.5 10.5

(24)

50

11.8 9.8

11.3 9.3

11.6 9.6

10.6 8.6

11.8 9.8

11.9 9.9

11.2 9.2

12.0 10.2

12.1 10.1

50

12.0 10.0

11.6 9.6

11.4 9.9

11.1 9.1

11.2 9.2

9+00

10.9 8.9

10.9 8.9

11.0 9.0

10.9 8.9

11.2 9.2

50

11.0 9.0

11.0 9.0

11.3 9.3

STA. N. 92+00 - WEST 3-29-61

Dist	Sound	Elev	Dist	Sound	Elev
(19)	11.6	9.7	(19)	12.0	10.1
	11.8	9.9		12.0	10.1
10+00	11.7	9.8	50	12.0	10.1
	12.0	10.1		12.1	10.2
	12.0	}		12.5	10.6
11:35	12.0	}		12.5	10.6
	12.0	}		11.9	10.0
50	12.3	10.4	13+00	11.5	9.6
	11.9	10.0		11.7	9.8
	11.2	9.3		11.8	9.9
	11.4	9.5		12.0	10.1
	11.4	9.5		12.2	10.3
11+00	11.0	9.1	50	12.7	10.8
	10.8	8.9		12.9	11.0
	11.0	9.1		11.9	10.0
	12.0	10.1		11.5	9.6
	11.8	9.9		12.0	10.1
50	12.3	10.4	14+00	12.5	10.6
	12.4	10.5		12.4	10.5
	12.0	10.1		12.0	10.1
	12.0	}		12.1	10.2
	12.0	}		12.6	10.7
12+00	12.4	10.5	50	12.5	10.6
	12.4	}		12.5	10.6
	12.4	}		12.0	10.1

STA. N. 92+00 - WEST (25)

Dist	Sound	Elev	Dist	Sound	Elev
(18)	12.0	10.2	(18)	13.8	12.0
	12.0	10.2		14.4	12.6
15+00	11.8	10.0	50	14.4	12.6
	12.0	10.2		14.1	12.3
	12.0	}		14.0	12.2
	12.0	}		13.3	11.5
	11.6	9.8		13.1	11.3
50	11.9	10.1	18+00	13.3	11.5
	11.0	9.2		14.0	12.2
	11.4	9.6		14.1	12.3
	11.7	9.9		14.5	12.7
	11.1	9.3		14.8	13.0
16+00	11.6	9.8	50	14.3	12.5
	11.4	9.6		13.8	12.0
	11.2	9.4		12.5	10.7
11:40	11.1	9.3		10.3	8.5
	12.0	10.2		11.7	9.9
50	12.2	10.4	19+00	12.8	11.0
	12.1	10.3		13.0	11.2
	12.1	10.3	11:45	14.2	12.4
	12.0	10.2		14.6	12.8
	12.0	10.2		14.5	12.7
17+00	11.8	10.0	50	14.5	12.7
	11.4	9.6		14.3	12.5
	11.4	9.6		14.1	12.3

STA. N. 92+00 - WEST 3-29-61

	DIST	Sound	Elev	DIST	Sound	Elev
(17)	14.0	12.3	(17)	15.2	13.5	
	14.0	12.3		15.5	13.8	
20+00	14.2	12.5	50	15.2	13.5	
	14.0	12.3		15.2	13.5	
	14.1	12.4		15.6	13.9	
	14.1	12.4		15.8	14.1	
	14.0	12.3		15.6	13.9	
50	14.0	}	23+00	15.0	13.3	
	14.0	}		12.0	10.3	
	14.2	12.5		10.8	9.1	
	14.2	12.5		3.7	2.0	
	13.9	11.2				
21+00	14.0	12.3	50			
	14.1	12.4				
	13.8	12.1				
	14.0	12.3				
	14.0	12.3				
50	13.7	12.0	24+00			
	13.8	12.1				
	14.1	12.4				
	14.4	12.7				
	15.0	13.3				
22+00	15.8	14.1				
	15.8	14.1				
	15.8	14.1				

(E. FROM BIG ISLAND) 3-29-61 (26)

STA. N. 94+00; 0+00 = W. 10050; SOUND EAST

	DIST	Sound	Elev	DIST	Sound	Elev
0+00				(0.6)	15.1	14.5
(0.6)				50	15.1	14.5
					15.0	14.4
	2.9	2.3			15.0	14.4
	7.9	7.3			15.5	14.9
.50	11.5	10.9			15.3	14.7
	13.2	12.6	3+00		15.0	14.4
1+40	14.2	13.6			14.0	13.4
-	13.8	13.2			13.1	12.5
	13.5	12.9			13.1	12.5
1+00	13.9	13.3			13.0	12.4
	14.0	13.4	50		13.4	12.8
	14.0	}			13.8	13.2
	14.0	}			13.8	}
	14.2	13.6			13.8	}
50	14.4	13.8			13.0	12.4
	14.5	13.9	4+00		13.9	13.3
	14.3	13.7			13.6	13.0
	14.2	13.6			13.0	12.4
	14.8	14.2	1+45		13.0	}
2+00	15.3	14.7	-		13.0	}
	14.6	14.0	50		13.0	}
	14.8	14.2			12.8	12.2
	15.0	14.4			12.5	11.9

STA. N. 94+00-EAST 3-29-61

DIST	Sound	Elev	DIST	Sound	Elev
(.06)	12.5	11.9	(.05)	12.8	12.3
	12.2	11.6		12.6	12.1
5+00	12.2	11.6	50	12.0	11.5
	12.5	11.9		12.0	}
	12.5	11.9		12.0	}
	12.3	11.7		11.3	10.8
	12.2	11.6		10.9	10.4
50	12.4	11.8	8+00	11.0	10.5
	12.9	12.3		11.5	11.0
	12.8	12.2		11.4	10.9
	12.8	12.2		11.1	10.6
	12.5	11.9		11.9	11.4
6+00	12.7	12.1	50	12.0	11.5
	12.9	12.3		11.6	11.1
	12.4	11.8	1:50	12.3	11.8
	12.4	11.8	—	12.9	12.4
	12.9	12.3		12.7	12.2
50	13.0	12.4	9+00	12.0	11.5
	13.0	}		6.6	6.1
	13.0			7.1	6.6
	13.0			5.9	5.4
	13.0			5.0	4.5
7+00	13.0			50	3.0
	13.0			0.0	+0.5
	12.7	12.1			

STA. N. 94+00-EAST

DIST Sound Elev

(FROM E SHORE) 3-30-61

STA. N. 94+00; Q100 = W. 7610; SOUND WEST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(0.5)	10.3	9.8
			50	10.5	10.0
(0.5)				10.7	10.2
				10.7	10.2
				10.6	10.1
50	0.8	0.3		10.8	10.3
	6.2	5.7	3+00	10.3	9.8
1:45	8.5	8.0		10.4	9.9
	9.3	8.8		10.3	9.8
	10.0	9.5		10.6	10.1
1+00	9.5	9.0		10.3	9.8
	10.0	9.5	50	10.4	9.9
	10.3	9.8		10.5	10.0
	10.3	9.8	1:50	10.6	10.1
	10.5	10.0		10.2	9.7
50	10.8	10.3		10.2	9.7
	10.5	10.0	4+00	10.1	9.6
	10.6	10.1		10.5	10.0
	10.3	9.8		10.7	10.2
	10.4	9.9		10.8	10.3
2+00	9.7	9.2		10.9	10.4
	10.2	9.7	50	10.6	10.1
	10.3	9.8		10.0	9.5
	10.3	9.8		10.0	9.5

STA. N. 94+00 - WEST (28)

DIST	SOUND	ELEV	DIST	SOUND	ELEV
(0.5)	10.4	9.9	(0.4)	9.7	9.3
	10.6	10.1		9.9	9.5
5+00	10.7	10.2	50	9.2	8.8
	10.6	10.1		9.8	9.4
	10.9	10.4		9.3	8.9
	10.9	10.4		9.4	9.0
	10.7	10.2		9.6	9.2
50	10.8	10.3	8+00	9.0	8.6
	10.5	10.0		9.4	9.0
	10.4	9.9	1:55	9.5	9.1
	10.3	9.8		8.0	7.6
	10.3	9.8		8.5	8.1
6+00	9.8	9.3	50	9.3	8.9
	9.8	9.3		9.5	9.1
	9.9	9.4		9.5	9.1
	9.7	9.2		9.1	8.7
	9.7	9.2		9.0	8.6
50	10.0	9.5	9+00	8.4	8.0
	9.9	9.4		6.3	5.9
	9.2	8.7		3.7	3.3
	9.3	8.8		1.0	0.6
	9.5	9.0			
7+00	8.2	7.7	50		
	9.4	8.9			
	9.8	9.3			

(IN COVE)
(BIG ISLAND)

3-29-61

STA. N. 96+00; Q100 = W. 10.140; SOUND EAST

DIST	Sound	ELEV	DIST	Sound	ELEV
0+00			(0.6)	14.4	13.8
(0.5)			50	14.6	14.0
				14.6	14.0
	1.5	1.0		14.7	14.1
	7.9	7.4		13.7	13.1
50	12.7	12.2		13.5	12.9
	14.6	14.1	3+00	13.5	12.9
2:05	15.0	14.5		13.3	12.7
	15.0	14.5		13.1	12.5
	14.9	14.4		13.0	12.4
1+00	15.0	14.5		12.0	11.4
	14.7	14.2	50	12.9	12.3
SLOPPY	14.6	14.1		12.9	
	14.4	13.9	2:10	12.9	
QUOTE "RED"	14.1	13.6		12.9	
50	14.0	13.5		12.9	
	13.8	13.3	4+00	12.9	
	14.1	13.6		12.8	12.2
	13.6	13.1		13.0	12.4
	13.5	13.0		12.8	12.2
2+00	13.6	13.1		12.5	11.9
	13.9	13.4	50	12.4	11.8
	14.1	13.6		12.5	11.9
	14.0	13.5		12.4	11.8

STA. N. 96+00-EAST

(29)

DIST	Sound	ELEV	DIST	Sound	ELEV
(0.6)	12.3	11.7			
	12.3	11.7			
5+00	12.2	11.6	50		
	12.0	11.4			
	12.0				
	12.0				
	12.1	11.5			
50	12.0	11.4	8+00		
	12.2	11.6			
	12.1	11.5			
	12.3	11.7			
	12.2	11.6			
6+00	12.4	11.8	50		
	12.4	11.8			
	12.6	12.0			
2:15	12.7	12.1			
	12.7	12.1			
50	11.8	11.2			
	12.4	11.8			
	10.4	9.8			
	9.5	8.9			
	7.6	7.0			
7+00	5.0	4.4			
	2.0	1.4			

SE. SIDE
BIG ISLAND

3-30-61

STA. N. 96700 - WEST = W. 8,500 ; SOUND EAST

	DIST	SOUND	ELEV	DIST	SOUND	ELEV
	0+00			(04)	10.2	9.8
				50	10.4	10.0
					10.5	10.1
					10.5	10.1
					10.0	9.6
	50	2.3	1.9		10.2	9.8
		8.5	8.1	3+00	10.4	10.0
	2:20	9.0	8.6		10.3	9.9
		9.8	9.4		10.0	9.6
		10.1	9.7		10.0	?
	1+00	10.0	9.6		10.0	?
		10.4	10.0	50	10.0	?
		10.0	9.6		10.0	?
		10.0	9.6		9.8	9.4
		10.2	9.8		10.0	9.6
	50	10.3	9.9		10.1	9.7
		10.6	10.2	4+00	11.0	10.6
		10.6	10.2		11.2	10.8
		10.5	10.1		10.8	10.4
		10.3	9.9		10.0	9.6
	2+00	10.9	10.5		10.9	10.5
		10.9	10.5	50	11.6	11.2
		10.6	10.2		11.8	11.4
		10.2	9.8		11.0	10.6

STA. N. 96700 - EAST

(30)

	DIST	SOUND	ELEV	DIST	SOUND	ELEV
	(04)	11.1	10.7	(04)	10.8	10.4
		11.3	10.9		9.0	8.6
	5+00	11.0	10.6	50	5.0	4.6
		11.1	10.7		0.0	+0.4
	2:25	11.0	10.6			
		11.4	11.0			
		11.4	11.0			
	50	11.9	11.5			
		11.9	11.5			
		11.3	10.9			
		11.0	10.6			
		11.0	10.6			
	6+00	10.7	10.3			
		10.7	10.3			
		10.9	10.5			
		11.0	10.6			
	50	11.0	?			
		11.0	?			
		11.0	?			
		10.8	10.4			
		10.8	10.4			
	7+00	10.4	10.0			
		10.0	9.6			
		10.2	9.8			

(COVE
BIG ISLAND)

3-29-61

STA. N. 98100 - EAST

5 STA. N. 98100; 0100-W. 10, 190; SOUND EAST

Dist Sound Elev Dist Sound Elev

Dist Sound Elev Dist Sound Elev

0100

0.6 15.0 14.4

106

50 15.0 14.4 5+00

0.5 +0.1 14.3 13.7

6.8 6.2 13.0 12.4

11.0 10.4 12.6 12.0

50 12.5 11.9 12.8 12.2

13.8 13.2 3100 12.5 11.9

2:25 14.4 13.8 12.4 11.8

15.0 14.4 12.2 11.6

14.9 14.3 12.0 11.4

1+00 14.3 13.7 12.1 11.5

14.7 14.1 50 12.0 11.4

14.7 14.1 12.0 11.4

15.0 14.4 12.1 11.5

15.0 14.4 12.4 11.8

50 15.3 14.7 12.2 11.6

15.5 14.9 4+00 12.3 11.7

15.0 14.4 12.3 11.7

15.0 } 12.1 11.5

15.0 } 11.9 11.3

2+00 15.0 } 10.0 9.4

15.0 } 50 7.6 7.0

15.0 } 2.8 2.2

15.0 } 0.0 +0.6

(E. SIDE
BIG ISLAND)

3-30-61

STA. N. 98+00: 0+00 = W. 8490 ; SOUND EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(0.4)	10.5	10.1
(0.4)			50	10.4	10.0
				9.7	9.3
	3.8	3.4		10.3	9.9
	7.8	7.4		10.4	10.0
50	9.4	9.0		10.8	10.4
	10.1	9.7	3+00	11.2	10.8
2+40	10.5	10.1		11.3	10.9
	10.3	9.9		10.8	10.4
	10.4	10.0		9.5	9.1
1+00	10.5	10.1		9.8	9.4
	10.3	9.9	50	9.8	9.4
	10.4	10.0		9.2	8.8
	10.5	10.1		9.4	9.0
	10.6	10.2		9.2	8.8
50	10.6	}		9.2	8.8
	10.6	}	4+00	9.3	8.9
	10.5	10.1		9.3	8.9
	10.5	10.1		9.6	9.2
	10.4	10.0		9.7	9.3
2+00	10.1	9.7		9.9	9.5
	9.8	9.4	50	10.3	9.9
	10.1	9.7		9.9	9.5
	10.4	10.0		10.3	9.9

STA. N. 98+00 - EAST

DIST SOUND ELEV

DIST	SOUND	ELEV
(0.4)	10.2	9.8
	10.2	9.8
5+00	9.9	9.5
	9.7	9.3
	9.8	9.4
	10.3	9.9
	10.5	10.1
50	10.2	9.8
	10.0	9.6
	10.2	9.8
	10.2	9.8
	10.3	9.9
6+00	10.5	10.1
	10.5	10.1
	10.0	9.6
	6.5	6.1

(32)

(COVE
BIG ISLAND)

3-29-61

STA. N. 99+00: 0+00 = W. 10.180 ; SOUND EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(0.7)	13.6	
(0.7)			50	13.6	
	0.7	0.0		13.1	
	7.3	6.6		13.0	
	12.6	11.9	<u>2+40</u>	13.0	
50	13.1	12.4		12.9	
	13.0	12.3	3+00	13.0	
<u>2+35</u>	13.0	12.3		12.9	
	13.1	12.4		13.0	
	13.4	12.7		12.0	
1+00	13.3	12.6		8.4	
	13.2	12.5	50	4.1	
	13.1	12.4			
	13.1	12.4			
	13.2	12.5			
50	13.5	12.8			
	13.3	12.6	4+00		
	13.6	12.9			
	13.6	12.9			
	13.7	13.0			
2+00	13.7	13.0			
	13.9	13.2	50		
	13.9	13.2			
	13.8	13.1			

(COVE
BIG ISLAND)

3-29-61

STA. N. 100+00: 0+00 = W. 10.150 ; SOUND EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(0.7)		
(0.7)			50		
	0.5	+0.2			
	5.2	4.5			
	9.4	8.7			
50	10.2	9.5			
	10.5	9.8	3+00		
<u>2+45</u>	10.0	9.3			
	10.0	9.3			
	9.6	8.9			
1+00	9.3	8.6			
	9.3	8.6			
	9.3	8.6			
	9.5	8.7			
	9.8	9.1			
50	10.0	9.3			
	10.1	9.4			
	9.8	9.1			
	7.2	6.5			
	8.9	8.2			
2+00	5.3	4.6			
	1.6	0.9			

(33)

(See FB 146) (Also FB 141) 3-30-61

STAN. 100+00.0+00 = W. 8.510; SOUND EAST

DIST	Sound	Elev	DIST	Sound	Elev
0+00			05	9.7	9.2
05			50	9.9	9.4
	0.2	10.3		10.7	10.2
	8.4	7.9		10.6	10.1
	9.1	8.6		10.8	10.3
50	9.3	8.8		11.2	10.7
	9.5	9.0	3+00	11.2	10.7
2:55	9.7	9.2		9.9	9.4
	9.9	9.4	3°	10.0	9.5
	9.6	9.1	MUCK	9.7	9.2
1+00	9.7	9.2		9.4	8.9
	9.5	9.0	50	9.9	9.4
	9.7	9.2		9.9	9.4
	9.5	9.0		10.0	9.5
	9.2	8.7		10.3	9.8
50	9.8	9.3		10.1	9.6
	9.9	9.4	4+00	9.8	9.3
	9.6	9.1		9.6	9.1
	9.6	9.1		9.6	9.1
	9.7	9.2		9.5	9.0
2+00	9.9	9.4		9.2	8.7
	9.8	9.3	50	9.1	8.6
	9.8	9.3		9.0	8.5
	10.1	9.6		9.0	8.5

STA. N. 100+00 - EAST

DIST	Sound	Elev
05	9.0	8.5
	9.1	8.6
5+00	9.1	8.6
	9.4	8.9
3:00	9.8	9.3
	5.9	5.4
	3.3	2.8
50	2.2	1.7
	0.0	10.5

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STA N 102+00 CONT EAST
4-3-61

(35)

STA N 102+00 0+00 = W. 8, 580, SOUND EAST

DIST SOUND ELEV

DIST SOUND ELEV

(46) 13.3 10.7

0+00

(46) 13.8 9.2

14.5 9.9

10:50

50 14.2 9.6

5+00 14.0 9.4

(46) 1.8 +2.8

14.6 10.0

14.2 9.6

(46) 4.1 +0.5

14.9 10.3

13.5 8.9

9.4 4.8

15.3 10.7

10:55 12.0 7.4

50 12.0 7.4

15.4 10.8

5.1 0.5

12.5 7.9

3+00 15.6 11.0

50 4.4 +0.2

12.5 7.9

15.8 11.2

3.6 +1.0

13.3 8.7

15.6 11.0

2.1 +2.5

13.3 8.7

15.9 11.3

0.8 +3.8

1+00 13.6 9.0

15.8 11.2

SHORE

13.9 9.3

50 15.8 11.2

6+00

13.7 9.1

15.7 11.1

13.9 9.3

15.5 10.9

13.8 9.2

15.5 10.9

50 14.0 9.4

15.6 11.0

14.0 9.4

4+00 15.6 11.0

14.2 9.6

15.5 10.9

14.2 9.6

15.5 10.9

13.4 8.8

15.5 10.9

2+00 13.9 9.3

15.5 10.9

14.2 9.6

50 15.5 10.9

14.3 9.7

14.4 9.8

14.0 9.4

15.3 10.7

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STA. N. 104+00; 0+00 = W. 8,690; SOUND EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(45)	14.2	10.0
11.00			50	14.3	9.8
(46)	0.0	+4.6		13.8	9.3
	1.9	+2.7		13.9	9.4
	3.8	+0.8		13.8	9.3
50	7.6	3.0		14.0	9.5
	11.3	6.7	3+00	14.1	9.6
	13.3	8.7		14.6	10.1
	13.9	9.3		14.5	10.0
	14.0	9.4		14.9	10.4
1+00	14.2	9.6		15.2	10.7
	14.0	9.4	50	15.0	10.5
	14.0	9.4		15.0	10.5
	13.8	9.2		15.0	10.5
	13.3	8.7		15.0	10.5
50	13.9	9.3		15.4	10.9
	14.1	9.5	4+00	15.1	10.6
	14.1	9.5		15.0	10.5
	14.1	9.5		14.2	9.7
	14.0	9.4		13.9	9.4
2+00	14.0	9.4		14.2	9.7
	14.0	9.4	50	14.0	9.5
	14.1	9.5	11:05	13.8	9.3
	14.0	9.4		13.9	9.4

STA N 104+00 CONT EAST

(36)

DIST	SOUND	ELEV
(45)	13.9	9.4
	13.9	9.4
5+00	14.2	9.7
	14.5	10.0
	14.2	9.7
	14.2	9.7
	14.8	10.3
50	14.7	10.2
	14.7	10.2
	14.1	9.6
	13.8	9.3
	14.0	9.5
6+00	12.1	7.6
11:10	5.0	0.5
	3.6	+0.9
	2.4	+2.1
	0.9	+3.6
+50	SHORE	

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STA N106+00 CONT EAST

(37)

STA. N. 106+00 S. 04+00 = W. 8, 820 ; SOUND EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(AA)	15.0	10.6	(AA)	13.8	9.4
11.20			50	15.0	10.6		13.5	9.1
(AA)	1.0	+3.4		15.0	10.6	5+00	13.2	8.8
50	2.3	+2.1		15.1	10.7		13.7	9.3
50	5.6	1.2		15.0	10.6		13.7	9.3
50	11.3	6.9		15.3	10.9		13.8	9.4
	11.8	7.4	3+00	15.2	10.8	50	13.8	9.4
	12.0	7.6		15.1	10.7		13.7	9.3
	12.2	7.8		15.2	10.8		13.7	9.3
	13.0	8.6		15.0	10.6		13.7	9.3
1+00	13.0	8.6		15.4	10.0		13.5	9.1
	13.9	9.5	50	15.3	10.9	6+00	13.2	9.1
	14.5	10.1		15.2	10.8		12.8	8.4
	14.8	10.4		15.2	10.8	11.25	12.8	8.4
	15.0	10.6		15.4	11.0		12.7	8.3
50	14.8	10.4		15.5	11.1		12.8	8.4
	15.2	10.8	4+00	15.6	11.2	50	12.8	8.4
	14.5	10.1		15.8	11.4		12.6	8.2
	15.0	10.6		14.8	10.4		12.5	8.1
	14.7	10.3		13.7	9.3		12.5	8.1
2+00	15.0	10.6		13.5	9.1		11.6	7.2
	14.9	10.5	50	13.5	9.1	7+00	9.2	4.8
	14.8	10.4		13.3	8.9		4.8	0.4
	14.9	10.5		12.6	8.2		3.1	+1.3

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STA N/108+00 S 0400 = N. 8980; SOUND EAST

DIST	SOUND	FLEV	DIST	SOUND	FLEV
0400			(A3)	12.0	7.7
11:35			50	12.4	8.1
	2.6	+1.7		12.9	8.6
(A3)	5.5	1.2		13.2	8.9
	11.1	-6.8		12.3	8.0
50	11.8	7.5		13.9	9.6
	11.8	7.5	3+00	14.5	10.2
	11.9	7.6		15.0	10.7
	11.9	7.6		15.6	11.3
	12.0	7.7		15.1	10.8
1400	12.0	7.7		14.8	10.5
	11.9	7.6	50	14.8	10.5
	11.8	7.5		15.0	10.7
	11.7	7.4		15.0	10.7
	11.8	7.5		14.1	9.8
50	11.8	7.5		14.5	10.2
	12.2	7.9	4+00	13.9	9.6
	12.1	7.8		14.0	9.7
	12.0	7.7		14.4	10.1
	12.1	7.8	11:40	14.7	10.4
2+00	12.1	7.8		15.0	10.7
	12.0	7.7	50	12.0	10.7
	12.0	7.7		14.8	10.5
	12.0	7.7		15.3	11.0

STA N/108+00 CONT EAST
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(38)

DIST	SOUND	FLEV	DIST	SOUND	FLEV
(A2)	15.5	11.3	(A2)	14.0	9.8
	14.2	10.0		14.0	9.8
8+00	14.1	9.9	+50	14.0	9.8
	14.5	10.3		12.7	8.5
	14.5	10.3		12.8	8.6
	15.0	10.8		12.8	8.6
	15.8	11.6		12.6	8.4
50	16.0	11.8	8+00	12.6	8.9
	16.2	12.0		12.3	8.1
	14.0	9.8		12.1	7.9
	13.4	9.2		12.0	7.8
	13.6	9.4		11.4	7.2
6+00	13.3	9.1	50	5.2	1.0
	13.7	9.5		2.8	+1.4
	13.8	9.6		2.0	+2.2
	13.6	9.4	11:45	1.0	+3.2
	14.0	9.8	Shore		
50	14.1	9.9			
	14.0	9.8			
	14.0	9.8			
	14.1	9.9			
	14.0	9.8			
7+00	13.7	9.5			
	13.0	8.8			
	13.0	9.8			

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STA N 110+00 CINT EAST

(39)

5. STA. N. 110+00; 0+00 = W. 9150.0; SOUND EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV	DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			28	11.8	9.0	28	13.8	11.0	27	13.4	10.7
1+00			50	11.4	8.6	50	12.8	10.0		14.0	11.3
				11.3	8.5		11.5	8.7	50	14.6	11.9
				11.3	8.5		11.5	8.7		14.6	11.9
1:35	1.2	+1.7		11.3	8.5		11.7	8.9		13.3	10.6
	4.0	1.1		11.5	8.7		11.8	9.0	1:45	12.4	9.7
50	9.7	6.8	1:40	11.6	8.8		11.8	9.0		12.2	9.5
	11.2	8.3	3+00	11.4	8.6	50	11.6	8.8	8+00	12.2	9.5
	11.9	9.0		11.8	9.0		11.3	8.5		12.5	9.8
	12.1	9.2		11.8	9.0		11.5	8.7		12.5	9.8
	12.8	9.9		12.0	9.2		11.4	8.6		12.5	9.8
1+00	12.4	9.5		12.0	9.2		11.7	8.9		12.2	9.5
	13.1	10.2	50	12.0	9.2	6+00	11.6	8.8	50	12.0	9.3
	13.1	10.2		11.8	9.0		12.0	9.2		12.3	9.6
	12.8	9.9		11.8	9.0		12.5	9.7		12.4	9.7
	12.8	9.9		11.6	8.8		12.0	9.2		12.8	10.1
50	13.1	10.2		11.7	8.9		12.3	9.5		12.9	10.2
	13.1	10.2	4+00	11.9	9.1	50	12.7	9.9	9+00	12.5	9.8
	13.4	10.5		12.2	9.4		12.9	10.1		12.4	9.7
	13.1	10.2		12.4	9.6		12.7	9.9		12.2	9.5
	13.5	10.6		12.5	9.7		13.0	10.2		12.0	9.3
2+00	13.7	10.8		12.9	10.1		13.2	10.4		12.0	9.3
	13.6	10.7	50	12.6	9.8	7+00	12.8	10.0	50	12.2	9.5
	13.7	10.8		12.6	9.8		13.3	10.5		12.1	9.4
	12.5	9.6		13.2	10.4		13.6	10.8		12.0	9.3

STA 110+00 CONT EAST
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DIST	SOUND	ELEV
(26)	12.3	9.7
	12.2	9.6
10+00	12.2	9.6
	12.1	9.5
1150	12.0	9.4
<u>2</u>	9.2	6.6
	2.6	0.0
50	1.1	+1.5
SHORE		

11+00

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(70)

STA N. 112+00 CHOO-W. 9300 ; SOUND EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(24)	13.5	11.1
<u>2:00</u>			50	12.5	10.1
	1.1	+1.4		12.0	9.6
(25)	4.5	2.0		12.0	9.6
	8.3	5.8		12.0	9.6
50	10.0	7.5		12.0	9.6
	10.9	8.4	3+00	12.7	10.3
	11.9	9.4		13.2	10.8
	11.2	8.7		13.9	11.5
	11.5	9.0		14.2	11.8
1+00	12.1	9.7		13.9	11.5
1105	12.6	10.2	50	13.6	11.2
(24)	13.0	10.6		12.2	9.8
	13.0	10.6		11.3	8.9
	13.0	10.6		11.9	9.5
+50	13.0	10.6		11.0	8.6
	13.0	10.6	4+00	11.3	8.9
	13.6	11.2		11.8	9.4
	13.4	11.0		11.8	9.4
	14.0	11.6		11.1	8.7
2+00	14.0	11.6		12.0	9.6
	13.8	11.4	50	12.0	9.6
	13.8	11.4		12.5	10.1
	13.8	11.4		13.0	10.6

STA N112+00 CONT EAST
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DIST	SOUND	ELEV	DIST	SOUND	ELEV
24	13.0	10.6	23	12.8	10.5
	13.2	10.8		13.0	10.7
5+00	13.0	10.6	50	12.8	10.5
2:10	13.0	10.6		13.0	10.7
	12.2	9.8		13.0	10.7
	13.4	11.0		13.0	10.7
	13.1	10.7		13.3	11.0
50	12.6	10.2	8+00	13.6	11.3
	13.0	10.6	2:15	12.5	10.2
	13.0	10.6		13.0	10.7
	13.0	10.6		13.0	10.7
	13.7	11.3		12.2	9.9
6+00	13.8	11.4	50	12.5	10.2
	13.3	10.9		12.5	10.2
	13.7	11.3		12.9	10.6
	12.8	10.4		12.3	10.0
	12.9	10.5		13.0	10.7
50	12.8	10.4	9+00	14.0	11.7
	13.2	10.8		14.0	11.7
	12.4	10.0		13.7	11.4
	13.9	11.5		13.4	11.1
	12.5	10.1		14.0	11.7
7+00	11.6	9.2	50	14.2	11.9
	12.3	9.9		13.6	11.3
	12.2	9.8		14.1	11.8

STAN 112+00 CONT EAST

(31)

DIST	SOUND	ELEV	DIST	SOUND	ELEV
22	13.8	11.6			
	14.0	11.8			
10+00	14.7	12.5	50		
	14.8	12.6			
	15.0	12.8			
	14.3	12.1			
	14.1	11.9			
+50	14.1	11.9	13+00		
	13.6	11.4			
	13.8	11.6			
	13.2	11.0			
	13.9	11.7			
11+00	12.9	10.7			
	13.0	10.8			
	13.0	10.8			
	13.5	11.3			
	13.1	10.9			
50	13.9	11.7			
	13.6	11.4			
	13.6	11.4			
	12.8	10.6			
	12.2	10.0			
12+00	11.2	9.0			
2:20	5.7	3.5			
	0.8	+1.4			

SHORE

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STAN 11400 CONT EAST

(42)

STAN 11400 DIST = W. 9,390 SOUND EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV	DIST	SOUND	ELEV	DIST	SOUND	ELEV
0400			(21)	11.8	9.7	(20)	11.6	9.6	(20)	13.9	11.9
2130			50	11.5	9.4	5400	11.8	9.8	50	13.7	11.7
(21)	0.3	11.8		11.7	9.6		11.8	9.8	2:40	14.0	12.0
	6.0	3.9		11.3	9.2		11.9	9.9	SOFT	14.0	12.0
	11.9	9.8		11.6	9.5		11.9	9.9	BOTTOM	13.8	11.8
50	12.3	10.2		11.7	9.6		11.4	9.9		13.7	11.7
	12.3	10.2	3400	11.8	9.7	50	12.0	10.0	8400	13.6	11.6
	12.6	10.5		11.6	9.5		11.8	9.8		13.2	11.2
	12.5	10.4		11.5	9.4		12.1	10.1		13.0	11.0
	12.4	10.3		12.0	9.9		11.7	9.7		13.3	11.3
11400	11.7	9.6		12.9	10.8		11.3	9.3		13.5	11.5
	11.5	9.4	50	13.0	10.9	6400	11.3	9.3	50	13.3	11.3
	12.2	10.1		13.1	11.0		11.6	9.6		12.7	10.7
	12.8	10.7		13.3	11.2		11.5	9.5		11.5	9.5
	12.5	10.4		13.1	11.0		12.0	10.0		13.2	11.2
50	12.3	10.2		11.7	9.6		11.1	9.1		13.2	11.2
	11.7	9.6	4400	11.0	8.9	50	9.2	7.2	9400	12.7	10.7
	11.2	9.1		10.9	8.8	2:35	9.5	7.5		13.0	11.0
	11.3	9.2		10.8	8.7	SOFT	11.8	9.8		13.1	11.1
	11.4	9.3		10.8	8.7	BOTTOM	13.2	11.2		13.4	11.4
2400	11.9	9.8		10.8	8.7		12.0	10.0		13.5	11.5
	11.6	9.5	50	11.0	8.9	7400	13.1	11.1	50	13.7	11.7
	11.6	9.5		11.2	9.1		12.2	10.2		12.8	10.8
	11.7	9.6		11.3	9.2		13.5	11.5		13.3	11.3

STAN 11400 CONT EAST

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(43)

DIST	SOUND	ELEV	DIST	SOUND	ELEV
(19)	13.0	11.1	(19)	11.8	9.9
	12.7	10.8		12.0	10.1
10+00	13.3	11.4	50	12.2	10.3
	13.5	11.6		12.6	10.7
	13.8	11.9		11.7	9.8
	12.6	10.7		11.5	9.6
	13.4	11.5	2+45	11.2	9.3
50	12.1	10.2	13+00	11.3	9.4
	13.0	11.1		10.5	8.6
	12.8	10.9		8.3	6.9
	13.2	11.3		1.1	+0.8
	13.2	11.3			
11+00	13.3	11.4	50		
	13.2	11.3			
	12.6	10.7			
	13.4	11.5			
	13.0	11.1			
50	13.3	11.4			
	13.5	11.6			
	13.4	11.5			
	13.4	11.5			
	13.0	11.1			
12+00	12.2	10.3			
	12.2	10.3			
	12.6	10.7			

STAN. 11600; 0+00 = W. 9, 140; SOUND EAST					
DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(42)	13.9	9.7
(42)			50	13.9	9.7
				14.5	10.3
	2.0	+2.2	10+15	13.5	9.3
	5.8	1.6		14.4	10.2
50	9.4	5.2		13.9	9.7
	13.0	8.8	3+00	13.3	9.1
10+10	13.5	9.3		13.6	9.4
	13.3	9.1		13.0	8.8
	12.8	8.6		13.8	9.6
1+00	12.9	8.7		13.7	9.5
	13.2	9.0	50	13.1	8.9
	13.2	9.0		14.0	9.8
	13.3	9.1		13.9	9.7
	12.7	8.5		12.9	8.7
50	14.0	9.8		13.0	8.8
	14.2	10.0	4+00	13.0	8.8
	14.1	9.9		12.8	8.6
	14.6	10.4		12.9	8.7
	13.8	9.6		13.5	9.3
2+00	13.9	9.7		13.4	9.2
	14.0	9.8	50	13.7	9.5
	13.3	9.1		13.7	9.5
	14.5	10.3		13.3	9.1

STA. N. 116+00 - EAST 4-04-61

Dist	Sound	Elev	Dist	Sound	Elev
943	13.7	9.4	43	16.3	12.0
	13.3	9.0		13.8	9.5
5+00	13.1	8.8	50	14.7	10.4
	14.0	9.7		13.4	9.1
	15.1	10.8		14.4	10.1
	14.9	10.6		14.2	9.9
	14.0	9.7		16.1	11.8
50	13.9	9.6	8+00	14.9	10.6
	13.6	9.3		16.0	11.7
10:20	14.1	9.8	10:25	13.9	9.6
	13.9	9.6		15.7	11.4
	13.7	9.4		14.0	9.7
6+00	13.6	9.3	50	15.0	10.7
	13.9	9.6		14.2	9.9
	14.1	9.8		15.5	11.2
	14.2	9.9		15.7	11.4
	14.8	10.5		14.5	10.2
50	13.8	9.5	9+00	16.0	11.7
	14.4	10.1		15.3	12.0
	14.5	10.2		14.7	10.4
	13.8	9.5		14.8	10.5
	13.5	9.2		15.1	10.8
7+00	13.0	8.7	50	15.1	10.8
	15.1	10.8		14.9	10.6
	14.1	9.8		14.6	10.3

STA. N. 116+00 - EAST (74)

Dist	Sound	Elev	Dist	Sound	Elev
43	15.3	11.0	44	16.0	11.6
	15.9	11.6		15.6	11.2
10+00	15.3	11.0	50	15.9	11.5
	14.2	9.9		15.6	11.2
	14.1	9.8		15.7	11.3
	16.7	12.4		15.5	11.1
	15.7	11.4		15.2	10.8
50	15.1	10.8	13+00	14.8	10.4
	15.0	10.7		15.3	10.9
	15.2	10.9	10:35	14.6	10.2
10:30	15.0	10.7		15.0	10.6
	15.6	11.3		14.7	10.3
11+00	15.0	10.7	50	14.6	10.2
	17.0	12.7		14.7	10.3
	17.0	12.7		15.0	10.6
	15.6	11.3		14.7	10.3
	15.2	10.9		14.4	10.0
50	15.3	11.0	14+00	13.9	9.5
	14.7	10.4		11.7	7.3
	15.0	10.7		3.6	+0.8
	15.4	11.1		2.1	+2.3
	14.6	10.3		0.8	+3.2
12+00	15.0	10.7	50		
	14.9	10.6			
	15.1	10.8			

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STA. N. 118+00.0+00 = W. 9, 410 ; SOUND EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(44)	14.7	10.3
(44)	1.5	2.9	50	15.0	10.6
	9.4	5.0?		14.8	10.4
	13.3	8.9		15.0	10.6
	13.8	9.4		15.0	10.6
50	14.0	9.6		15.5	11.1
	13.9	9.5	3+00	14.6	10.2
10:50	13.8	9.4		14.3	9.9
~	14.0	9.6		13.9	9.5
	14.7	10.3		13.9	9.5
1+00	14.9	10.5		14.2	9.8
	15.0	10.6	50	14.1	9.7
	14.4	10.0		14.2	9.8
	14.1	9.7		14.1	9.7
	14.0	9.6		13.1	8.7
50	14.2	9.8		13.0	8.6
	14.0	9.6	4+00	13.2	8.8
	14.0	9.6		13.3	8.9
	14.0	9.6		13.8	9.4
	14.0	9.6		14.1	9.7
2+00	14.2	9.8		14.0	9.6
	14.3	9.9	50	15.0	10.6
	14.1	9.7		14.0	9.6
	14.2	9.8		13.8	9.4

STA. N. 118+00 - EAST

DIST	SOUND	ELEV	DIST	SOUND	ELEV
(44)	15.2	10.8	(44)	13.6	9.2
	15.6	11.2		14.1	9.7
5+00	15.3	10.9	50	14.0	9.6
	14.6	10.2		14.0	9.6
	13.9	9.5		14.9	10.5
	14.5	10.1		15.3	10.9
	14.1	9.7		15.2	10.8
50	14.5	10.1	8+00	16.0	11.6
	14.9	10.5		15.6	11.2
10:55	14.9	10.5		16.1	11.7
~	14.4	10.0		15.1	10.7
	14.4	10.0		15.6	11.2
6+00	14.5	10.1	50	15.8	11.4
	14.9	10.5		14.9	10.5
	15.0	10.6		14.9	10.5
	15.0	10.6		15.1	10.7
	14.9	10.5		15.5	11.1
50	15.2	10.8	9+00	15.8	11.4
	15.0	10.6		16.0	11.6
	14.4	10.0		16.3	11.9
	15.0	10.6		15.8	11.4
	15.1	10.7		16.0	11.6
7+00	15.2	10.8	50	16.0	11.6
	15.2	10.8		16.1	11.7
	14.4	10.0		15.7	11.3

STA. N. 118+00 - EAST 4-04-61					
DIST	Sound	Elev	DIST	Sound	Elev
(45)	15.9	11.4	(45)	14.9	10.4
	15.6	11.2		15.0	10.5
10+00	15.6	11.2	50	15.0	10.5
	16.0	11.5		15.5	11.0
	16.0	11.5		15.0	10.5
	14.8	10.3		14.7	10.2
	15.2	10.7		14.4	9.9
50	15.5	11.0	13+00	14.9	10.4
	15.5	11.0		15.0	10.5
	15.1	10.6		14.6	10.1
	15.7	11.2		14.4	9.9
	15.9	11.4		14.9	10.4
11+00	16.0	11.5	50	15.0	10.5
	14.6	10.1		15.2	10.7
	15.2	10.7		14.7	10.2
11:00	15.7	11.2		15.0	10.5
~	15.8	11.3		14.1	9.6
50	14.8	10.3	14+00	14.2	9.7
	15.0	10.5		14.0	9.5
	15.0	10.5		13.9	9.4
	15.0	10.5		13.1	8.6
	14.8	10.3		12.0	7.5
12+00	15.0	10.5	50	3.3	+1.2
	14.3	9.8		2.0	+2.5
	14.3	9.8		0.5	+4.0

STA. N. 120+00; 0+00 = W. 9, 350 SOUND EAST					
DIST	Sound	Elev	DIST	Sound	Elev
0+00	0.4	+4.1	(45)	15.2	10.7
(45)	2.0	+2.5	50	15.4	10.9
	2.8	+1.7		15.4	10.9
	10.4	5.9		14.1	9.6
	13.3	8.8		13.8	9.3
50	14.2	9.7		13.4	8.9
	14.0	9.5	3+00	13.7	9.2
11:10	14.4	9.9		14.1	9.6
~	15.2	10.7		14.2	9.7
	14.1	9.6		14.5	10.0
1+00	14.1	9.6		14.8	10.3
	14.0	9.5	50	15.0	10.5
	14.2	9.7		14.4	9.9
	14.5	10.0	11:15	14.2	9.7
	14.4	9.9	~	14.7	10.2
50	14.3	9.8		14.8	10.3
	14.4	9.9	4+00	15.1	10.6
	14.3	9.8		15.1	10.6
	14.5	10.0		14.6	10.1
	15.5	11.0		14.8	10.3
2+00	15.4	10.9		15.2	10.7
	15.4	10.9	50	14.7	10.2
	14.7	10.2		14.3	9.8
	15.2	10.7		15.0	10.5

STA. N. 120+00 - EAST 4-04-61

DIST	Sound	Elev	DIST	Sound	Elev
(45)	15.0	10.5	(45)	14.4	9.9
	14.9	10.4		14.3	9.8
5+00	15.0	10.5	50	14.3	9.8
	14.8	10.3		14.5	10.0
	14.7	10.2		14.7	10.2
	14.8	10.3		13.7	9.2
	14.6	10.1		14.5	10.0
50	14.7	10.2	8+00	15.2	10.7
	14.7	10.2		15.3	10.8
	14.6	10.1		15.4	10.9
	14.5	10.0		15.6	11.1
	14.6	10.1		15.1	10.6
6+00	15.0	10.5	50	15.0	10.5
	15.0	10.5		15.2	10.7
	15.0	10.5		15.4	10.9
	15.3	10.8		15.6	11.1
	15.2	10.7		15.7	11.2
50	15.1	10.6	9+00	15.5	11.0
	15.2	10.7		15.4	10.9
	15.0	10.5	11+20	15.6	11.1
	14.3	9.8	Y	15.7	11.2
	14.6	10.1		15.2	10.7
7+00	14.6	10.1	50	15.4	10.9
	14.9	10.4		15.3	10.8
	14.4	9.9		15.0	10.5

STA. N. 120+00 - EAST 47

DIST	Sound	Elev	DIST	Sound	Elev
(45)	14.7	10.2	(45)	14.7	10.2
	15.0	10.5		14.5	10.0
10+00	15.2	10.7	50	14.0	9.5
	15.3	10.8		14.3	9.8
	15.4	10.9		14.9	10.4
	15.0	10.5		14.9	10.4
	15.0	10.5		15.0	10.5
50	14.6	10.1	13+00	15.1	10.6
	15.1	10.6		15.0	10.5
	15.2	10.7		15.0	10.5
	15.0	10.5		15.2	10.7
	14.9	10.4		15.1	10.6
11+00	15.4	10.9	50	15.4	10.9
	15.0	10.5		15.1	10.6
	15.4	10.9	11+25	15.2	10.7
	15.7	11.2	~	14.6	10.1
	15.6	11.1		14.8	10.3
50	15.2	10.7	14+00	14.9	10.4
	15.0	10.5		14.4	9.9
	14.8	10.3		14.2	9.7
	14.5	10.0		13.7	9.2
	14.6	10.1		4.7	+0.2
12+00	14.4	9.9	50	3.3	+1.2
	14.3	9.8		1.8	+2.7
	14.3	9.8		0.5	+4.0

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STA. N. 122+00-10400 = W. 9,240 ; SOUND EAST

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(44)	14.2	9.8
(44)			50	14.1	9.7
	1.0	+3.4		14.6	10.2
	2.7	+1.7		14.5	10.1
	6.8	2.4		14.6	10.2
50	12.0	7.6		14.0	9.6
	14.9	10.5	3+00	14.0	9.6
	14.8	10.4		14.3	9.9
11:35	14.8	10.4		14.8	10.4
	14.6	10.2		13.1	9.7
1+00	15.0	10.6		14.9	10.5
	15.5	11.1	50	13.0	8.6
	15.4	11.0		14.8	10.4
	15.2	10.8		15.1	10.7
	15.1	10.7		13.6	9.2
50	15.2	10.8		13.6	9.2
	15.4	11.0	4+00	15.2	10.8
	15.3	10.9		16.1	11.7
	15.2	10.8		16.1	11.7
	15.0	10.6		14.5	10.1
2+00	14.0	9.6		14.3	9.9
	13.6	9.2	50	14.6	10.2
	14.2	9.8		14.5	10.1
	14.7	10.3		14.5	10.1

STA. N. 122+00-EAST

DIST	Sound	Elev	DIST	Sound	Elev
	14.7	10.3	(44)	15.8	11.4
(44)			50	14.5	10.1
	15.0	10.6		14.3	9.9
5+00	15.2	10.8		14.7	10.3
	15.0	10.6		14.0	9.6
	14.7	10.3		14.6	10.2
11:40	14.7	10.3		14.6	10.2
	15.0	10.6		14.2	9.8
50	14.3	9.9	8+00	14.6	10.2
	14.6	10.2		13.5	9.1
	14.7	10.3		14.0	9.6
	14.5	10.1		14.6	10.2
	14.9	10.5		14.0	9.6
6+00	15.1	10.7	50	14.1	9.7
	14.6	10.2		15.0	10.6
	14.9	10.5		14.7	10.3
	14.1	9.7		14.5	10.1
	14.0	9.6		14.9	10.5
50	14.7	10.3	9+00	14.9	10.5
	13.9	9.5		14.8	10.4
	14.2	9.8		14.4	10.0
	13.6	9.2		14.1	9.7
	13.8	9.4		14.1	9.7
7+00	14.6	10.2	50	14.6	10.2
	16.0	11.6		14.6	10.2
	13.0	8.6		14.3	9.9

STA. N. 122+00 - EAST 4-04-61

DIST	Sound	Elev	DIST	Sound	Elev
(44)	14.6	10.2	(47)	15.0	10.6
	13.8	9.4		14.9	10.5
10+00	15.1	10.7	50	14.8	10.4
	13.9	9.5		14.9	10.5
	14.6	10.2		14.8	10.4
11+45	16.2	11.8		15.0	10.6
	16.1	11.7		14.6	10.2
50	15.7	11.3	13+00	15.0	10.6
	14.9	10.5		13.8	9.4
	14.6	10.2		14.1	9.7
	14.5	10.1	11:50	13.7	9.3
	14.5	10.1		12.6	8.2
11+00	14.0	9.6	50	9.5	4.1
	13.9	9.5		3.8	+0.6
	13.9	9.5		1.6	+2.8
	14.4	10.0			
	14.7	10.3			
50	15.0	10.6	14+00		
	15.1	10.7			
	15.1	10.7			
	15.0	10.6			
	14.6	10.2			
12+00	15.0	10.6			
	15.3	10.9			
	15.1	10.7			

(48)

STA. N. 124+00; OHOO = W. 8, 920 ; SOUND EAST

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(37)	12.0	8.3
(37)			50	12.0	8.3
				12.0	8.3
				12.0	8.3
				12.2	8.5
50				12.5	8.8
	0.6	+3.1	3+00	12.3	8.6
11:25	1.0	+2.7		12.5	8.8
	1.8	+1.9		12.6	8.9
	2.0	+1.7		12.6	8.9
1+00	3.0	+0.7		12.6	8.9
	4.0	0.3	50	12.9	9.2
	5.0	1.3		12.9	9.2
	6.7	3.0		12.9	9.2
	8.5	4.8		12.8	9.1
50	9.8	6.1		12.8	9.1
	10.0	6.3	4+00	12.9	9.2
	10.8	7.1		12.7	9.0
	11.1	7.4		12.3	8.6
	11.7	8.0		12.0	8.3
2+00	12.0	8.3		11.6	7.9
	12.0	8.3	50	11.8	8.1
	12.2	8.5		11.5	7.8
	12.1	8.4		11.5	7.8

STA. N. 124+00 - EAST 4-04-61

Dist Sound Elev Dist Sound Elev

36	12.3	8.7	36	14.9	11.3
	13.9	10.3		15.0	11.4
5+00	13.7	10.1	50	15.2	11.6
	13.5	9.9		15.7	12.1
	13.6	10.0		15.0	11.4
	13.7	10.1		14.8	11.2
	12.9	9.3		15.1	11.5
50	12.8	9.2	8+00	15.0	11.4
	12.5	8.9		14.7	11.1
1:30	12.9	9.3		14.7	11.1
	12.9	9.3		15.0	11.4
	12.9	9.3		14.3	10.7
6+00	13.2	9.6	50	15.0	11.4
	13.4	9.8		15.2	11.6
	13.1	9.5		15.0	11.4
	13.0	9.4		15.6	12.0
	13.1	9.5		14.6	11.0
50	13.0	9.4	9+00	15.1	11.5
	13.0	9.4		15.9	12.3
	13.0	9.4		15.9	12.3
	13.0	9.4		15.0	11.4
	12.8	9.2		13.7	10.1
7+00	13.0	9.4	50	14.7	11.1
	13.4	9.8		14.9	11.3
	14.5	10.9		14.8	11.2

STA. N. 124+00 - EAST

Dist Sound Elev Dist Sound Elev

35	14.5	11.0			
	14.3	10.8			
10+00	14.3	10.8	50		
	14.0	10.5			
	14.0	10.5			
	14.0	10.5			
	14.0	10.5			
50	14.0	10.5	13+00		
	14.0	10.5			
	13.3	9.8			
	13.9	10.4			
	13.5	10.0			
11+00	13.8	10.3	50		
	14.0	10.5			
1:35	13.4	9.9			
	12.6	9.1			
	12.8	9.3			
50	12.8	9.3	14+00		
	13.0	9.5			
	13.0	9.5			
	8.9	5.4			
	4.4	0.9			
12+00	1.9	+1.6	50		

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STA. N. 126+00, 0+00 = W. 8, 460 ; SOUND EAST

	Dist	Sound	Elev	Dist	Sound	Elev
	0+00			(3A)	12.9	9.5
	(3A)			50	13.0	9.6
					12.8	9.4
					13.4	10.0
					13.7	10.3
50	0.0	+3.4	?		14.0	10.6
	1.0	+2.4		3+00	15.0	11.6
1:45	2.1	+1.3			11.0	7.6
	3.0	+0.4			11.0	7.6
	6.4	3.0			12.8	9.4
1+00	9.6	6.2			12.4	9.0
	11.1	7.7		50	12.5	9.1
	11.6	8.2			12.1	8.7
	11.5	8.1		1:50	12.6	9.2
	11.0	7.6			13.3	9.9
50	11.1	7.7			14.4	11.0
	13.5	10.1		4+00	14.9	11.5
	13.5	10.1			13.3	9.9
	12.9	9.5			10.8	7.4
	12.9	9.5			10.3	6.9
2+00	13.2	9.8			10.2	6.8
	13.2	9.8		50	10.4	7.0
	13.1	9.7			10.6	7.2
	13.0	9.6			10.8	7.4

STA. N. 126+00 - EAST

	Dist	Sound	Elev	Dist	Sound	Elev
	(3A)	13.0	9.6	(33)	12.7	9.4
		13.7	10.3		13.7	10.4
5+00	13.0	9.6		50	12.5	9.2
		12.6	9.2		13.0	9.7
		12.6	9.2		12.7	9.4
		13.1	9.7	1:55	12.2	8.9
		12.5	9.1		11.0	7.7
50	13.3	9.9		8+00	9.2	5.9
	13.2	9.8			2.3	+1.0
	13.5	10.1			0.7	+2.6
	13.4	10.0				
	13.4	10.0				
6+00	13.0	9.6		50		
	13.8	10.4				
	13.9	10.5				
	14.0	10.6				
	14.2	10.8				
50	14.3	10.9		9+00		
	13.7	10.3				
	13.9	10.5				
	13.4	10.0				
	12.9	9.5				
7+00	13.9	10.5		50		
	13.9	10.5				
	13.8	10.4				

4-04-61

STA. N. 128+00: 0+00 OF W. 8, 210 SOUND EAST

DIST SOUND Elev DIST SOUND Elev

0+00

(3.2)

(32)

11.4 8.2

50 11.2 8.0

11.0 7.8

11.0 7.8

11.2 8.0

0.9 + 2.3

50 2.6 + 0.6

11.3 8.1

3.8 0.6 3+00 13.4 10.2

2:05 8.7 5.5 13.3 10.1

10.0 6.8 13.1 9.9

10.5 7.3 13.0 9.8

1+00 11.1 7.9 13.0 9.8

11.2 8.0 50 11.8 8.6

11.0 7.8 12.2 9.0

11.4 8.2 13.2 10.0

11.3 8.1 12.6 9.4

50 11.3 8.1 12.5 9.3

11.6 8.4 4+00 12.5 9.3

11.7 8.5 12.8 9.6

11.8 8.6 13.1 9.9

11.5 8.3 13.7 10.5

2+00 11.6 8.4 13.4 10.2

11.7 8.5 50 13.5 10.3

11.7 8.5 13.3 10.1

11.7 8.5 13.3 10.1

STA. N. 128+00-EAST

DIST SOUND Elev DIST SOUND Elev

(3) 13.2 10.1

13.3 10.2

5+00 13.0 9.9 50

13.0 9.9

13.1 10.0

12.6 9.5

13.5 10.4

50 12.5 9.4 8+00

12.7 9.6

2:10 10.2 7.1

10.6 7.5

10.7 7.6

6+00 10.8 7.7 50

10.2 7.1

9.5 6.4

3.6 0.5

2.0 + 1.1

50 9+00

7+00 50

4-04-61

STATION 132400:0400 = W. 8, 050; SOUND EAST

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(29)	11.0	8.1
(2.9)			50	11.2	8.3
				11.3	8.4
	0.8	+2.1		11.3	8.4
	2.0	+0.9		11.2	8.3
50	5.1	2.9		11.1	8.2
	8.2	5.3	3+00	11.2	8.3
2:30	9.4	6.5		11.1	8.2
<u> </u>	10.0	7.1		11.1	8.2
	10.1	7.2		11.1	8.2
1+00	10.3	7.4		11.0	8.1
	10.4	7.5	50	10.9	8.0
	10.7	7.8		10.7	7.8
	10.6	7.7		10.6	7.7
	10.6	7.7		10.6	7.7
50	10.6	7.7		10.4	7.5
	10.6	7.7	4+00	10.3	7.4
	10.7	7.8		10.5	7.6
	11.0	8.1		10.2	7.3
	11.0	8.1		10.3	7.4
2+00	10.9	8.0		10.0	7.1
	10.9	8.0	50	10.0	7.1
	10.9	8.0		9.8	6.9
	10.9	8.0		7.0	4.1
				2.7	+0.2
				11.0	+1.9

(59)

STATION 134400:0400 = W. 8, 070; SOUND EAST

DIST	Sound	Elev	DIST	Sound	Elev
0+00			(29)	11.3	8.4
			50	11.3	8.4
				11.3	8.4
	0.5	+2.4		11.4	8.5
	1.8	+1.1		11.3	8.4
50	4.5	1.6		11.3	8.4
	7.4	4.5	3+00	11.5	8.6
2:40	9.0	6.1		11.6	8.7
<u> </u>	9.6	6.7		11.6	8.7
	9.9	7.0		11.5	8.6
1+00	10.3	7.4		11.3	8.4
	10.3	7.4	50	11.3	8.4
	10.4	7.5		11.0	8.1
	10.5	7.6		11.1	8.2
	10.7	7.8		10.9	8.0
50	10.7	7.8		10.7	7.8
	10.9	8.0	4+00	10.6	7.7
	11.1	8.2		10.5	7.6
	11.3	8.4		10.3	7.4
2+00	11.3	8.4		9.5	6.6
	11.5	8.6		4.6	1.7
	11.5	8.6	50	1.8	+1.1
	11.4	8.5			
	11.3	8.4			

4-04-61

STA. N. 136+00' OHOO = W. 8.130			SOUND EAST		
DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(2.8)	12.0	9.2
(28)			50	11.6	8.8
	0.7	+2.1		11.4	8.6
	2.0	+0.8		10.9	8.1
	5.3	2.9		10.5	7.7
50	9.0	6.2		10.2	7.4
	10.4	7.6	3+00	10.3	7.5
2:45	10.9	8.1		10.3	7.5
	11.2	8.4		10.6	7.8
	11.4	8.6		11.0	8.2
1+00	11.7	8.9		10.9	8.1
	11.7	8.9	50	10.9	8.1
	11.5	8.7		11.0	8.2
	11.2	8.4		11.1	8.3
	11.2	8.4		11.0	8.2
50	11.2	8.4		11.0	8.2
	11.6	8.8	4+00	11.0	8.2
	11.7	8.9		11.0	8.2
	11.7	8.9		11.0	8.2
	11.5	8.7	2:50	11.2	8.4
2+00	11.5	8.7		10.6	7.8
	11.8	9.0	50	8.9	6.1
	11.9	9.1		4.0	1.2
	11.8	8.0		1.9	+0.9

(33)

STA. N. 138+00' OHOO = W. 8.220			SOUND EAST		
DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00			(2.7)	11.3	8.6
(27)			50	11.1	8.4
	0.7	+2.0		11.0	8.3
	1.9	+0.8		11.1	8.4
	4.3	1.6		11.0	8.3
50	8.2	5.5		11.3	8.6
	10.7	8.0	3+00	11.4	8.7
3:00	10.5	7.8		11.6	8.9
	10.6	7.9		11.5	8.8
	10.7	8.0		11.5	8.8
1+00	10.7	8.0		11.3	8.6
	10.7	8.0	50	11.1	8.4
	10.9	8.2		11.1	8.4
	10.8	8.1		11.0	8.3
	10.8	8.1		11.0	8.3
50	10.8	8.1		10.8	8.1
	10.9	8.2	4+00	10.9	8.2
	11.0	8.3		10.8	8.1
	11.0	8.3		10.9	8.2
	11.1	8.4		10.8	8.1
2+00	11.5	8.8		10.7	8.0
	11.1	8.4	50	10.7	8.0
	11.1	8.4	50	10.7	8.1
	11.2	8.5		10.8	8.1
	11.1	8.4		11.1	8.6
	11.1	8.4	5+00	11.2	8.5
	10.4	8.7		11.2	8.5
	9.8	7.1		10.4	8.7
	9.8	7.1		9.8	7.1
	9.8	7.1		5.8	+0.3

STA. N. 140+00 - 0+00 - W. SOUND EAST
DIST SOUND ELEV DIST SOUND ELEV

0+00

50

50

3+00

1+00

50

50

4+00

2+00

50

STA. N. 140+00 - EAST
DIST SOUND ELEV

5+00

50

6+00

(36)

5-24-61

STA. N. 68+00.0+00 = W 7650. SOUND EAST

DIST SOUND ELEV DIST SOUND ELEV

0+00 2.2 14.2 12.0

23 50 14.5 12.3

9:55 3.3 1.0 14.7 12.5

9.6 7.3 15.0 12.8

11.3 9.0 15.5 13.3

50 11.5 9.2 15.9 13.7

11.6 9.3 3+00 16.6 14.4

11.6 9.3 16.8 14.6

11.8 9.5 17.1 14.9

12.0 9.7 17.4 15.2

1+00 12.4 10.1 17.6 15.4

12.5 10.2 50 18.1 15.9

12.8 10.5 18.4 15.2

12.7 10.4 10:00 15.2 13.0

12.6 10.3 16.5 14.3

50 12.7 10.4 16.2 14.0

12.7 10.4 4+00 11.5 9.3

12.7 10.4 7.7 5.5

12.7 10.4 8.0 5.8

12.6 10.3 6.5 4.3

2+00 12.5 10.2 5.3 3.1

12.5 10.2 50 2.3 0.1

12.9 10.6 1.5 +0.7

13.8 11.5

STA. N. 68+00-EAST

DIST SOUND ELEV DIST SOUND ELEV

5+00

5-24-61

STA. N. 70+00' 0+00' = W. 77+00' SOUND EAST

	DIST	SOUND	ELEV	DIST	SOUND	ELEV
0+00				(2)	15.7	13.6
(32)				50	15.7	13.6
	2.8	2.6			15.8	13.7
10:05	10.1	7.9			15.6	13.5
	12.0	9.8			15.6	13.5
50	12.4	10.2			15.7	13.6
	12.6	10.4	3+00		15.8	13.7
	12.0	9.8			16.0	13.9
	11.0	8.8			16.0	13.9
	10.7	8.5			16.0	13.9
1+00	11.2	9.0			16.1	14.0
	11.7	9.5	50		16.0	13.9
	12.0	9.8			15.9	13.8
	14.7	12.5			15.2	13.1
	15.2	13.0			14.9	12.8
50	15.3	13.1			14.8	12.7
	15.1	12.9	4+00		15.7	13.6
	15.4	13.2			15.9	13.8
	15.6	13.4	10:10		16.0	13.9
	15.5	13.3			16.6	14.5
2+00	15.5	13.3			16.4	14.3
	15.6	13.4	50		16.5	14.4
	15.3	13.1			16.5	14.4
	15.5	13.3			16.6	14.5

STA. N. 70+00' - EAST

DIST SOUND ELEV DIST SOUND ELEV

	DIST	SOUND	ELEV	DIST	SOUND	ELEV
(2)	16.6	14.5	(2)	14.6	12.5	
	16.0	13.9		14.3	12.2	
5+00	15.7	13.6	50	13.9	11.8	
	16.0	13.9		13.1	11.0	
	15.8	13.7		12.0	9.9	
	15.6	13.5		10.4	8.3	
	15.6	13.5		8.6	6.5	
50	15.7	13.6	8+00	3.7	1.6	
	15.7	13.6		1.2	+0.9	
	16.0	13.9				
	16.2	14.1				
	15.9	13.8				
6+00	16.0	13.9	50			
	15.6	13.5				
	15.6	13.5				
	15.1	13.0				
	15.2	13.1				
50	15.3	13.2				
	15.0	12.9				
	15.0	12.9				
	14.9	12.8				
	14.9	12.8				
7+00	14.7	12.6				
	14.9	12.8				
	14.9	12.8				

5-24-61

STAN. 72400 - 0400 - W. 7770 - SOUND EAST

Dist Sound Elev Dist Sound Elev

0400 (1.9) 15.2 13.3

(20) 50 15.1 13.2

15.2 13.3

10:30 15.3 13.4

15.3 13.4

50 3.1 1.1 14.6 12.7

7.2 5.2 3400 14.0 12.1

8.5 6.5 13.9 12.0

11.4 9.4 14.0 12.1

13.8 11.8 14.4 12.5

1400 14.4 12.4 14.4 12.5

14.7 12.7 50 14.5 12.6

14.7 12.7 14.5 12.6

14.8 12.8 14.8 12.7

14.6 12.6 14.8 12.7

50 14.1 12.1 14.8 12.7

14.4 12.2 4400 14.7 12.6

14.6 12.4 14.9 13.0

14.9 12.7 15.1 13.2

15.1 13.1 10:25 15.1 13.2

2400 15.0 13.0 15.3 13.4

15.2 13.2 50 15.5 13.6

15.0 13.0 15.5 13.6

15.1 13.1 15.7 13.8

STAN. 72400 - EAST

Dist Sound Elev Dist Sound Elev

(1.9) 15.9 14.0 (1.9) 3.4 1.5

15.8 13.9 2.2 0.3

5400 16.0 14.1 50 3.6 1.7

16.0 14.1

16.2 14.3

16.3 14.4

16.6 14.7

50 16.9 15.0

17.6 15.7

17.6 15.7

17.1 15.2

17.2 15.3

6400 17.0 15.1

17.0 15.1

16.7 14.8

10:30 14.0 12.1

11.0 9.1

50 8.6 6.7

14.0 12.1

14.0 12.1

13.5 11.6

12.1 10.2

7400 11.7 9.8

5.2 3.3

4.6 2.7

(59)

(For Bl See FB 148) 11-22-61

SOUNDINGS DANA BASIN AFTER
REMEDIAL DREDGING W.O. 64908
STA. W. 166+50; 0+00=N. 5960; SOUND NORTH
Dist Sound Elev Dist Sound Elev
0+00

(-0.3)

2.7
4.4
50 6.2
8.2
2:35 9.9
12.2
13.9
1+00

0+00=N. 5,960 - 11-27-61

STA. Elev
57' 11.6
N 9' 4.7

11-02-61

(60)

STA. W. 166+00; 0+00=N. 5960; SOUND NORTH
Dist Sound Elev Dist Sound Elev
0+00 0+00=N. 5,960

11-22-61

(37)

5.0 1.3
5.8 2.1
50 7.8 4.1 0.0 +0.2
11.2 7.5 2.8 3.0
2:55 11.9 8.2 50 5.2 5.4
13.7 10.0 8.1 8.3
15.6 11.9 2:30 8.9 9.1
1+00 17.0 13.3 10.3 10.5
12.2 12.4
0+00=N. 5,960 1+00 13.2 13.4

11-27-61

STA. Elev.
0 11.1
N 19' 4.7

50

11-22-61

STA. W 165+50; 0+00 = N 5970 SOUND NORTH

Dist Sound Elev STA Elev

0+00

(-0.2)

0
N 17'

11.0

4.5

0.9

2.4

50 4.0

5.6

2:25 7.5

9.8

11.8

1+00 12.8

11-02-61

STA. W 165+00; 0+00 = N 5980 SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00

0+00 = N 5980

11-22-61

(3.8)

0+00

4.9 1.1

5.0 1.2

(-0.1)

50 6.4 2.6

0.0 -0.1

10.2 6.4

2.5 2.6

3:00 12.1 8.3

50 3.9 4.0

13.8 10.0

6.6 6.7

15.8 12.0

2:20 8.6 8.7

1+00 16.1 12.39.9 10.0

11.9 12.0

0+00 = N 5,980

1+00 12.3 12.4

Sta. Elev

0 10.7

N 14' 4.7

11-22-61

STA W 16450; 0+00 = N 5990; SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00

11-27-61

0+00 = N 5,990

STA Elev

1.2

54'

10.8

1.9

N 15'

4.4

50

3.0

4.8

2:15

8.0

9.0

8.7

1+00

9.6

11.0

90

48.9

41

11-02-61

STA W 16400; 0+00 = N 6,000; SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00

0+00 = N 6,000

11-22-61

3.8 0.0 0+00

(38) 3.5 +0.3

3.9 0.1 (00)

50

5.7 1.9

0.0 0.0

9.6 5.8

1.2 1.2

12.2 8.4

50 2.9 2.9

11.8 8.0

3.9 3.9

11.8 8.0

6.0 6.0

1400

13.1 9.3

2:10 7.3 7.3

14.5 10.7

7.3 7.3

0+00 = N 6,000

1+00 7.9 7.9

11-27-61

STA Elev

N 10' 4.5

S. 6' 10.8

11.0 11.0

11-22-61

STA. W. 1631400100 = N 6,000, SOUND NORTH

DIST SOUND Elev DIST SOUND Elev

0+00 0+00 = N 6,000

11-27-61

Sta. Elev

N 5' 10.9

N 18' 4.4

0.6

1.1

50 2.1

3.1

2:05 5.9

7.1

8.1

1+00 8.3

7.9

8.6

10.2

10.5

(0.1)

11-02-62

(63)

STA. W. 1631400100 = N 6,010, SOUND NORTH

DIST SOUND Elev DIST SOUND Elev

0+00 0+00 = N 6,010

11-22-61

(3.9) 2.4 +1.5 0+00

2.8 +1.1

4.5 0.6 (0.2)

50 9.0 5.1

10.9 7.0

3:05 11.8 7.9 50 4.1 3.9

11.9 8.0

11.9 8.0 2:00 7.1 6.9

1+00 9.2 5.3 7.7 7.5

10.3 6.4 6.7 6.5

11.2 7.3 1+00 6.2 6.0

12.0 8.1 7.4 7.2

13.9 10.0 7.0 6.8

50 14.7 10.8 8.0 7.8

0+00 = N 6,010 10.0 9.8

11-27-61 50 10.7 10.5

Sta. Elev

5.3' 10.7

N. 10' 4.5

11-22-61

STA. W. 162+50 O+100 = N 6,020; SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00

0+00 = N 6,020

11-27-61

(0.3)

0.2

Sta.

Elev.

1.4

5.2'

10.2

3.0

N 9'

4.4

50 5.2

6.4

1:55 7.6

7.9

7.9

1+00 6.2

6.4

6.2

6.4

8.1

50 9.4

10.4

11.2

11-02-61

(64)

STA. W. 162+00 O+100 = N 6,030; SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00

0+00 = N 6,030

11-22-61

(4.0)

3.3 +0.7

0+00

4.0 0.0

3.5 +0.5

(0.4)

50 7.3 3.3

2.0 1.6

10.5 6.5

2.7 2.3

11.1 7.1

50 3.1 2.7

12.1 8.1

6.2 5.8

12.6 8.0

1:50 7.1 6.7

1+00 11.5 7.5

7.9 7.9 7.5

11.9 7.9

7.9 7.5

11.8 7.8

1+00 7.6 7.2

12.2 8.2

8.0 7.6

11.6 7.6

7.9 7.5

50 13.5 9.5

6.8 6.4

14.3 10.3

7.8 7.4

0+00 = N 6,030

50 9.4 9.0

11-27-61

10.4 10.0

Sta.

Elev.

0

10.0

N 11'

4.6

11-22-61

STA. W. 161+50.0+00 = N 6,050; SOUND NORTH

Dist Sound Elev

0+00

(0.5)

1.0

1.8

3.5

50 5.3

6.1

11.45 7.1

7.5

8.7

1+00 7.3

9.1

8.9

8.2

7.1

50 9.1

10.5

11-27-61

Sta. Elev
5 5' 10.1
N 7' 4.8

11-02-61

(25)

STA. W. 161+00.0+00 = N 6,070; SOUND NORTH

Dist Sound Elev

0+00

(4.0)

0.2 +3.8

2.2 +1.8

3.0 +1.0

6.4 2.4

50 9.9 5.9

10.4 6.4

3:15 11.6 7.6

12.1 8.1

12.4 8.4

1+00 11.8 7.8

9.9 5.9

12.4 8.4

12.0 8.0

11.0 7.0

50 13.0 9.0

14.0 10.0

0+00 = N. 6,070

Sta. Elev.
5.2' 9.6
N 10' 3.4

TP. 9.00 N 6,060' W 16,100

0+00 = N. 6,070

11-22-61

0+00

(0.6)

0.3 +0.3

1.5 0.9

3.0 2.4

50 6.1 5.5

6.9 6.3

1:40 7.6 7.0

8.6 8.0

8.3 7.7

1+00 7.9 7.3

6.7 6.1

8.9 8.3

8.9 8.3

8.0 7.4

50 9.6 9.0

10.5 9.9

11-22-61

STA. W. 160+50.0+00 = N 6,090 SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00 0+00 = N. 6,090

(107)

1.1

Sta.

Elev

2.7

57'

9.0

4.6

N 6'

3.8

50

7.0

7.0

1:35

7.8

7.5

6.4

1+00

7.3

9.0

9.9

9.0

8.3

50

10.0

11.0

11.5

(66)

11-02-61

STA. W. 160+00.0+00 = N 6,110 SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00 0+00 = N. 6,110

1.1 +2.9

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(4.0)

2.0 +2.0

0+00

2.2 +1.8

1.3 +2.0

6.0 2.0

(33)

3.7 +0.2

50

9.8 5.8

4.2 0.9

11.1 7.1

5.7 2.4

12.0 8.0

50

8.4 5.1

10.8 6.8

10.3 7.0

10.5 6.5

11:50

10.8 7.5

1+00

11.2 7.2

10.7 7.4

12.0 8.0

10.1 6.8

12.0 8.0

1+00

10.2 6.9

12.0 8.0

11.1 7.8

11.4 7.4

11.1 7.8

50

11.8 7.8

10.6 7.3

12.9 8.9

10.0 6.7

0+00 = N. 6,110

50

10.9 7.6

12.2 8.9

12.6 9.3

Sta.

Elev.

55'

9.0

N 7'

3.6

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STA. W. 159+50 CHD = N. 6, 120 SOUND NORTH

Dist Sound Elev Dist Sound Elev

0+00 0+00 = N. 6, 120

T.P. 6.78

(3A) 0.5 Sta. Elev.

2.8 N 3' 9.6

3.7 N 14' 4.8

50 5.4

8.9

11:45 10.3

10.7

11.8

1+00 11.5

11.0

12.1

12.0

11.8

50 10.8

11.3

12.4

11-02-61

STA. W. 159+00 CHD = N. 6, 150 SOUND NORTH

Dist Sound Elev Dist Sound Elev Dist Sound Elev Dist Sound Elev

0+00 0+00 = N. 6, 150

1.7 +2.2 11-22-61

(3.9) 1.8 +2.1 0+00

2.0 +1.9 (3.5) 1.6 +1.9

6.2 2.3 3.5 3.5 0.0

50 9.3 5.4 4.4 0.9

10.2 6.3 6.6 3.1

3:20 11.0 7.1 50 8.2 4.7

10.3 6.4 9.5 6.0

10.0 6.1 11:40 10.2 6.7

1+00 10.9 7.0 9.7 6.2

10.9 7.0 9.7 6.2

11.0 7.1 1+00 10.3 6.8

11.5 7.6 10.3 6.8

11.0 7.1 10.2 6.7

50 12.7 8.8 11.0 7.5

13.6 9.7 10.3 6.8

0+00 = N. 6, 150 50 11.8 7.3

13.0 9.5

Sta. Elev. 13.6 10.1

5.6' 9.8

N 6' 3.2

2+00

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STA. W/158+50.0+00=N.6,160 SOUND NORTH
 DIST SOUND ELEV DIST SOUND ELEV
 0+00 0+00=N.6,160

		Sta.	Elev.
(13.6)	1.2		
	3.4	N4'	9.9
	4.5	N16'	3.1
50	5.8		
	8.5		
	9.4		
11:35	10.1		
≡	10.7		
1+00	10.4		
	10.3		
	11.5		
	10.7		
	11.0		
50	10.7		
	11.9		
	12.5		
	13.1		

11-02-61

(68)

STA. W/158+00.0+00=N.6,180 SOUND NORTH
 DIST SOUND ELEV DIST SOUND ELEV
 0+00 0+00=N.6,180

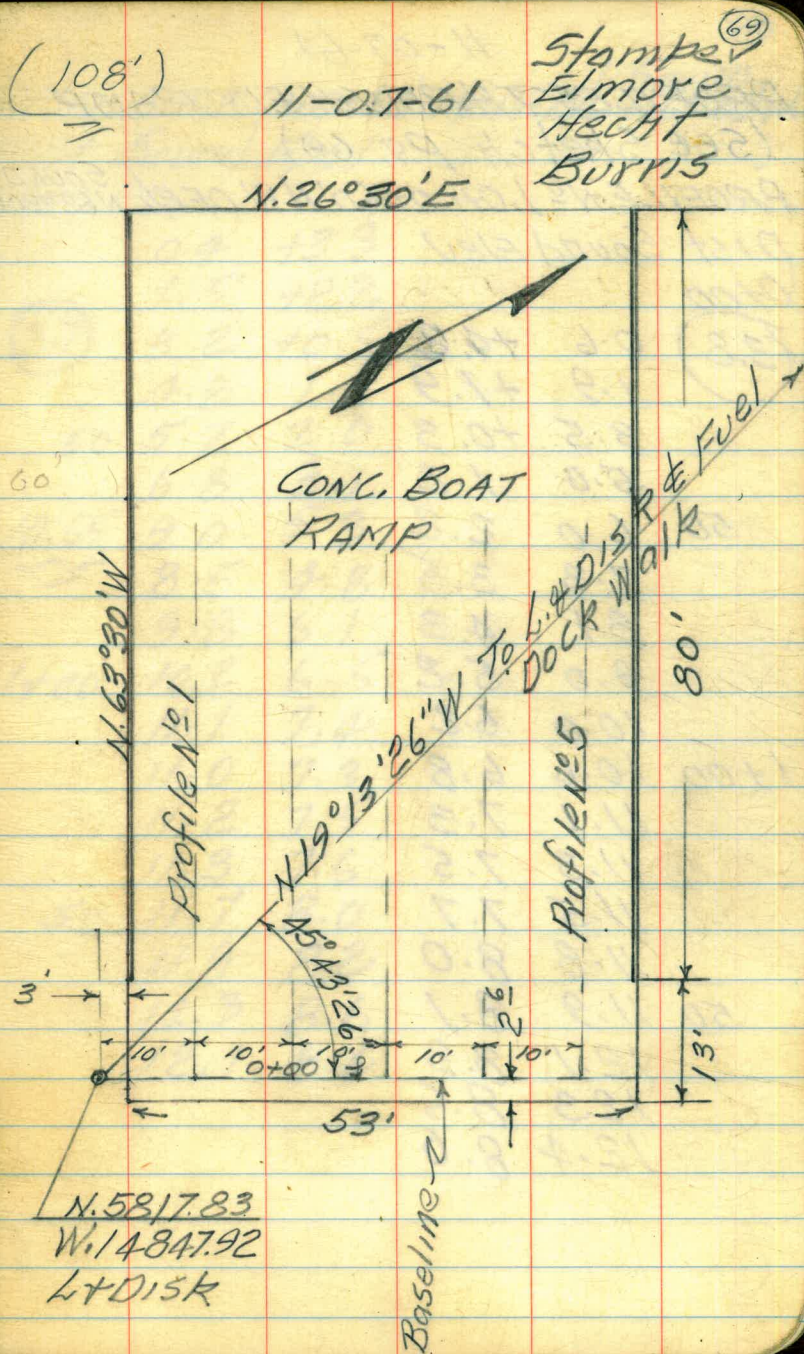
(4.0)	1.3	+2.7	0+00		
	1.1	+2.9	(3.7)		
	2.4	+1.6		1.8	+1.9
50	5.6	1.6		3.6	+0.1
	9.1	5.1		4.8	1.1
3:30	10.9	6.9	50	5.7	2.0
≡	11.0	7.0		8.2	4.5
	11.2	7.2	11:30	10.1	6.4
1+00	11.0	7.0	≡	10.6	6.9
	11.1	7.1		10.6	6.9
	10.5	6.5	1+00	10.8	7.1
	12.8	8.8		10.3	6.6
	12.3	8.3		10.7	7.0
50	12.4	8.4		12.3	8.6
	13.4	9.1		12.4	8.7
	14.0	10.0	50	11.7	8.0
	14.1	10.1		12.5	8.8
	0+00=N.6,180			13.4	9.7
				13.5	9.8
	Sta.	Elev			
	N3'	9.7			
	N14'	4.3			

(Cont'd. FB156-P.8)

LOCATION OF BOAT RAMP DANA
 BASIN BUILT IN 1954 W064908
 AFTER REMEDIAL DREDGING

NOTE: For Loc. of Wly Ramp
 See NB FBN 138
5e

For Profiles See
 FB. 156
15



11-07-61

PROFILES THROUGH ELY RAMP

(See Sketch pg. 69)

PROFILE NO 1, 0+00 = 60' N.W. OF B/L ^{SOUND.} N63°30'W

Dist Sound Elev

0+00

(3.8)	0.6	+4.2
	1.9	+1.9
	3.5	+0.3
	5.0	1.2
50	6.0	2.2
	7.3	3.5
	8.1	4.3
	9.0	5.2
	10.0	6.2
1+00	10.6	6.8
	11.1	7.3
	11.3	7.5
	11.5	7.7
	11.8	8.0
50	11.9	8.1
	12.1	8.3
	12.3	8.5
	12.4	8.6

(70)

PROFILE NO 2, 0+00 = 60' N.W. OF B/L ^{SOUND.} N63°30'W

Dist Sound Elev

0+00

	0.4	+3.3
	1.5	+2.2
(3.7)	3.2	+0.5
	4.8	1.1
50	5.7	2.0
	6.8	3.1
10:55	9.0	5.3
~	8.5	4.8
	9.8	6.1
1+00	10.2	6.5
	11.1	7.4
	11.0	7.3
	11.2	7.5
	11.3	7.6
50	11.7	8.0
	11.9	8.2
	12.3	8.6
	12.1	8.4

11-07-61

PROFILE N°3; 0+00=60 N.W. OF B/L ^{SOUND} N 63°30' W

DIST SOUND ELEV

0+00

	0.1	+3.4
(3.5)	1.1	+2.4
	2.8	+0.7
	4.0	0.5
50	5.0	1.5
	7.8	4.3
11:05	7.5	4.0
~	9.9	6.4
	9.3	5.8
1+00	10.0	6.5
	10.4	6.9
	11.0	7.5
	11.0	7.3
	11.1	7.6
50	11.1	7.6
	11.5	8.0
	11.6	8.1

2+00

(71)

PROFILE N°4; 0+00=60 N.W. OF B/L ^{SOUND} N 63°30' W

DIST SOUND ELEV

0+00

	1.0	+2.4
(3.4)	2.4	+1.0
	3.4	0.0
50	4.3	0.9
	7.2	3.8
11:10	11.1	7.7
~	11.6	8.2
	11.2	7.8
1+00	10.0	6.6
	10.5	7.1
	10.8	7.4
	11.0	7.6
	11.0	7.6
50	11.1	7.7
	11.2	7.8
	11.5	8.1
	11.4	8.0

2+00

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PROFILE No 5; 0+00 = 60' N.W. OF B/L N. 63°30' W. SOUND

Dist Sound Elev

0+00

3.4	0.7	+2.7
	2.0	+1.4
	3.1	+0.3
50	5.2	1.8
	10.7	7.3
11:15	12.1	8.7
	10.8	7.4
	12.1	8.7
1+00	10.0	6.6
	10.3	6.9
	10.6	7.2
	10.9	7.5
	10.9	7.5
50	11.0	7.6
	10.9	7.5
	10.9	7.5
	11.0	7.6
	11.1	7.7
2+00	11.1	7.7
	11.3	7.9

72

STA. N59+00S 0+00 = W14,860; SOUND WEST

Dist Sound Elev

0+00

3.2	0.8	+2.4
50	2.0	+1.2
	3.2	+0.0
11:20	4.1	0.7
	7.7	4.5
	7.9	4.7
1+00	7.7	4.5
	8.2	5.0
	9.6	6.4
	10.1	6.9
	10.4	7.2
50	10.7	7.5
	11.0	7.8
	11.4	8.2
	11.4	8.2
	11.4	8.2

2+00

0+00 = W14,860

STA Elev

E26 10.8

W23 4.2

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STA. N59+50:0+00=W14850; SOUND WEST

Dist Sound Elev

0+00

	0.0	+3.1
(3.1)	3.3	0.2
	4.2	1.1
	6.2	2.1
50	9.7	6.6
	10.9	7.8
11:25	11.5	8.4
	11.2	8.1
	11.1	8.0
1+00	12.3	9.2
	11.5	8.4
	10.0	6.9
	10.5	7.4
	10.4	7.3
50	10.8	7.7
	10.9	7.8
	10.9	7.8
	11.0	7.9
	11.0	7.9
2+00	11.1	8.0

0+00=W.14850

STA Elev

E 6' 10.5

W.10' 3.5

73

STA. N60+00:0+00=W14840; SOUND WEST

Dist Sound Elev

0+00

(3.0)	2.7	+0.3
	4.9	1.9
	5.7	2.7
50	8.4	5.4
	10.9	7.9
11:30	11.2	8.2
	11.6	8.6
	11.9	8.9
1+00	11.0	8.0
	10.0	7.0
	10.0	7.0
	10.3	7.3
	10.8	7.8
50	10.8	7.8
	11.0	8.0
	10.8	7.8
	10.8	7.8
	10.8	7.8
	10.5	7.5
2+00	10.4	7.4

0+00=W.14840

STA Elev

E 7 11.2

W 10 4.3

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STA. N. 60+50.0+00 = W/4840.5 SOUND WEST

DIST SOUND Elev 0+00 = W/4840

0+00 STA Elev

E. 7' 11.2

(2.9) 2.2 +0.7 W. 10' 4.4

5.1 2.2

6.1 3.2

50 9.7 6.8

11.1 8.2

11.9 9.0

11.3 8.4

11.1 8.2

1+00 10.6 7.7

9.7 6.8

9.8 6.9

10.5 7.6

10.5 7.6

50 10.6 7.7

10.3 7.4

10.3 7.4

10.3 7.4

10.3 7.4

2+00 10.6 7.7

10.8 7.9

11.0 8.1

10.9 8.0

(74)

STA. N. 61+00.0+00 = W/4850 SOUND WEST

DIST SOUND Elev

0+00

(2.8) 2.0 +0.8

5.0 2.2

6.8 4.0

50 9.3 6.5

11.0 8.2

11:35 12.1 9.3

10.1 7.3

10.5 7.7

1+00 9.6 6.8

9.9 7.1

10.2 7.4

10.0 7.2

10.1 7.3

50 10.3 7.5

10.0 7.2

0+00 = W/4850

STA Elev

E. 7' 11.1

W. 12' 4.0

11-07-61

STA. N. 61+50 0+00 = W. 14860; SOUND WEST

DIST SOUND Elev

0+00

(2.7)	0.0	+2.7
	2.9	0.2
	5.5	2.8
50	8.5	3.8
	9.2	6.5
	10.6	7.9
	11.0	8.3
	11.1	8.4
1+00	11.7	9.0
	10.7	8.0
	9.4	6.7
	9.3	6.6
	9.8	7.1
50	10.0	7.3

0+00 = W. 14860

STA. Elev.

0 10.7
W. 16 4.2

(75)

STA. N. 62+00 0+00 = W. 14880; SOUND WEST

DIST SOUND Elev

0+00

(2.5)	0.0	+2.5
	4.8	2.3
50	8.0	5.5
	10.5	8.0
11:55	12.1	9.6
<u>12.0</u>	13.0	10.5
	12.0	9.5
1+00	8.1	5.6
	9.0	6.5
	12.0	9.5
	9.0	6.5
	9.0	6.5
50	9.5	7.0
	9.3	6.8

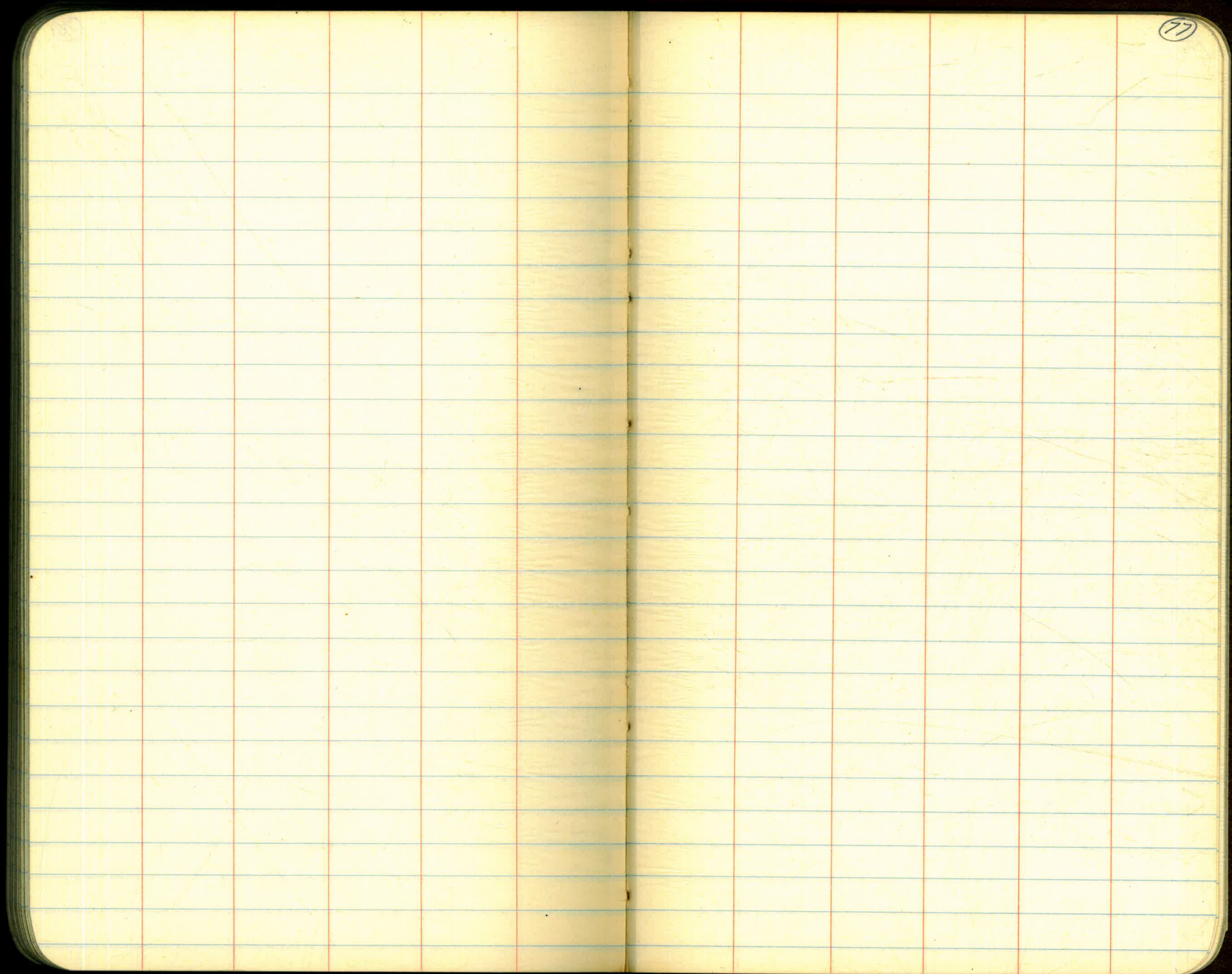
0+00 = W. 14880

STA. Elev

W. 2' 10.9
W. 25' 3.7

Contd N. 17

FB 156
18



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IMPROVED TABLES
AND
INFORMATION

Year	1880	1885	1890	1895	1900	Total
1880	100	100	100	100	100	500
1885	100	100	100	100	100	500
1890	100	100	100	100	100	500
1895	100	100	100	100	100	500
1900	100	100	100	100	100	500
Total	500	500	500	500	500	2500

Year	1880	1885	1890	1895	1900
1880	100	100	100	100	100
1885	100	100	100	100	100
1890	100	100	100	100	100
1895	100	100	100	100	100
1900	100	100	100	100	100

Year	1880	1885	1890	1895	1900
1880	100	100	100	100	100
1885	100	100	100	100	100
1890	100	100	100	100	100
1895	100	100	100	100	100
1900	100	100	100	100	100

N97-W8480

160-6079.46
6043.06

2640

13.20
6043.06
90.00

6056.26

33.7

2-51-45