

MB/56



THE

NO. 30

MICROFILMED

FB/56

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N57 - W15440
W155 - N5750
W15450 - N5710
W154 - N5680
W15350 - N5660
W153 - N5640
W15250 - N5630
W152 - N5630
W15150 - N5640
W151 - N5650
W15050 - N5670
W150 - N5700
W14950 - N5740
W149 - N5820

EI. 9.49 = LTD
@ L. Ramp

11-09-61

SOUNDINGS DANA BASIN AFTER REMEDIAL
DREDGING W.O. 64908 (4.F.B. 14A)

STA W. 149+00: 0+00 = N 5,820; SOUND NORTH

| STA. | Elev | Dist | Sound | Elev |
|-------|------|------|-------|------|
| 5.41' | 9.4 | | 14.1 | 7.8 |
| N. 27 | 4.9 | 2+00 | 13.7 | 7.4 |

Dist Sound Elev
0+00

| | | |
|-------------|------|------|
| | 1.0 | +5.3 |
| (6.3) | 1.2 | +5.1 |
| | 2.0 | +4.3 |
| | 2.4 | +3.9 |
| 50 | 3.1 | +3.2 |
| | 3.2 | +3.1 |
| <u>9:25</u> | 3.8 | +2.5 |
| | 4.2 | +2.1 |
| | 4.7 | +1.6 |
| 1+00 | 6.8 | 0.5 |
| | 10.8 | 4.5 |
| | 11.6 | 5.3 |
| | 11.9 | 5.6 |
| | 12.0 | 5.7 |
| 50 | 13.0 | 6.7 |
| | 13.7 | 7.4 |
| | 14.0 | 7.7 |
| | 14.0 | 7.7 |

(See Pg. 14 for
Sta. W. 149+00)

STA. W. 149+50: 0+00 = N 5,740; SOUND NORTH

| STA | Elev | Dist | Sound | Elev |
|--------|-------|------|----------|------|
| 5.7' | 10.6 | 0+00 | N 5,740 | |
| N. 10' | 3.8 | | 11-20-61 | |
| Dist | Sound | Elev | 0+00 | |
| 0+00 | | | | |

| | | | |
|-------------|------|------|-----------------|
| | 1.3 | +5.0 | (48) |
| (6.3) | 1.5 | +4.8 | |
| | 1.2 | +5.1 | |
| | 1.2 | +5.1 | 50 |
| 50 | 1.8 | +4.5 | 1.5 |
| | 2.6 | +3.7 | <u>9:45</u> 1.7 |
| <u>9:35</u> | 3.1 | +3.2 | 2.3 |
| | 3.6 | +2.7 | 3.0 |
| | 3.7 | +2.6 | 1+00 3.6 |
| 1+00 | 4.5 | +1.8 | 4.8 |
| | 5.6 | +0.7 | 4.9 |
| | 5.8 | +0.5 | 5.6 |
| | 7.0 | 0.7 | 7.7 |
| | 9.3 | 3.0 | 50 7.4 |
| 50 | 9.5 | 3.2 | 9.8 |
| | 11.1 | 4.8 | 12.0 |
| | 11.6 | 5.3 | 13.7 |
| | 14.7 | 8.4 | 14.4 |
| | 14.0 | 7.7 | 2+00 15.3 |
| 2+00 | 15.3 | 9.0 | |

11-09-61

STA. W. 150+00 S. 0+00 = N. 5,700; SOUND NORTH

| STA. | ELEV | DIST | SOUND | ELEV |
|--------|-------|----------|-----------|------|
| S. 1' | 10.8 | 0+00 | = N 5,700 | |
| N. 13' | 5.3 | 11-20-61 | | |
| DIST | SOUND | ELEV | 0+00 | |
| 0+00 | | | | |

| | | | | | |
|------|------|------|------|------|------|
| 6.2 | 3.0 | +3.2 | 48 | 1.3 | +3.5 |
| | 4.9 | +1.3 | | 3.3 | +1.5 |
| | 7.8 | 1.6 | | 5.6 | 0.8 |
| 50 | 8.3 | 2.1 | 50 | 6.4 | 1.6 |
| | 9.3 | 3.1 | | 8.1 | 3.3 |
| 9:40 | 11.1 | 4.9 | 9:45 | 9.8 | 5.0 |
| | 11.9 | 5.7 | | 10.7 | 5.9 |
| | 11.7 | 5.5 | 1+00 | 10.7 | 5.9 |
| 1+00 | 13.4 | 7.2 | | 11.8 | 7.0 |
| | 12.3 | 6.1 | | 10.9 | 6.1 |
| | 11.4 | 5.2 | | 9.0 | 4.2 |
| | 8.2 | 2.0 | | 7.6 | 2.8 |
| | 9.0 | 2.8 | 50 | 10.1 | 5.3 |
| 50 | 10.1 | 3.9 | | 11.8 | 7.0 |
| | 11.1 | 4.9 | | 13.8 | 9.0 |
| | 13.0 | 6.8 | | 14.1 | 9.3 |
| | 13.5 | 7.3 | | 13.5 | 8.7 |
| | 13.5 | 7.3 | 2+00 | 12.4 | 7.6 |
| 2+00 | 13.3 | 7.1 | | 11.8 | 7.0 |
| | | | | 12.0 | 7.2 |
| | | | | 12.0 | 7.2 |

②

STA. W. 150+50 S. 0+00 = N. 5,670; SOUND NORTH

| STA. | ELEV. | DIST | SOUND | ELEV |
|--------|-------|----------|-----------|------|
| 0 | 10.4 | 0+00 | = N 5,670 | |
| N. 20' | 3.0 | 11-20-61 | | |
| DIST | SOUND | ELEV | 0+00 | |
| 0+00 | | | | |

| | | | | |
|------|------|------|------|------|
| 6.2 | 0.0 | +6.2 | 45 | 1.2 |
| | 3.0 | +3.2 | | 3.6 |
| | 3.7 | +2.5 | | 6.5 |
| | 4.0 | +2.2 | 50 | 7.1 |
| 50 | 6.3 | 0.1 | | 9.0 |
| | 10.8 | 4.6 | 9:55 | 11.5 |
| 9:45 | 13.1 | 6.9 | | 12.1 |
| | 13.9 | 7.7 | | 12.5 |
| | 14.0 | 7.8 | 1+00 | 12.8 |
| 1+00 | 14.0 | 7.8 | | 11.9 |
| | 13.4 | 7.2 | | 12.7 |
| | 14.0 | 7.8 | | 13.3 |
| | 13.7 | 7.5 | | 12.1 |
| | 14.1 | 7.9 | 50 | 12.2 |
| 50 | 13.5 | 7.3 | | 12.3 |
| | 13.8 | 7.6 | | 12.5 |
| | 13.9 | 7.7 | | 12.5 |
| | 14.0 | 7.8 | | 12.5 |
| | 14.4 | 8.2 | 2+00 | 12.7 |
| 2+00 | 14.5 | 8.3 | | |

11-09-61

STA. W. 151+00; 0+00 = N. 5,650' SOUND NORTH

| STA. | ELEV. | DIST | Sound | Elev |
|-------|-------|----------------|-------|------|
| 0 | 11.0 | 0+00 = N 5,650 | | |
| N. 17 | 3.3 | 11-20-61 | | |
| DIST | Sound | Elev | 0+00 | |
| 0+00 | 0.0 | +6.2 | (4.5) | 2.1 |
| | 3.3 | +2.9 | | +2.4 |
| (6.2) | 3.7 | +2.5 | | 3.9 |
| | 5.4 | +0.8 | | +0.4 |
| | 5.4 | +0.8 | 50 | 7.3 |
| 50 | 9.3 | 3.1 | | 2.8 |
| | 12.3 | 6.1 | | 7.1 |
| | 12.3 | 6.1 | 9:55 | 2.6 |
| 9:50 | 13.4 | 7.2 | | 10.0 |
| | 13.8 | 7.6 | | 5.5 |
| | 14.2 | 8.0 | | 11.0 |
| 1+00 | 13.7 | 7.5 | | 6.5 |
| | 15.4 | 9.2 | | 11.9 |
| | 15.2 | 9.0 | | 7.4 |
| | 13.8 | 7.6 | | 12.2 |
| | 14.0 | 7.8 | 1+00 | 7.7 |
| | 14.2 | 8.0 | | 7.8 |
| 50 | 14.2 | 8.0 | | 13.4 |
| | 14.2 | 8.0 | | 8.9 |
| | 14.3 | 8.1 | | 12.9 |
| | 14.4 | 8.2 | | 9.4 |
| | 14.4 | 8.2 | | 12.0 |
| | 14.4 | 8.2 | 2+00 | 9.5 |
| 2+00 | 14.2 | 8.0 | | 12.0 |

③

STA. W. 151+50; 0+00 = N. 5,640' SOUND NORTH

| STA. | ELEV. | DIST | Sound | Elev |
|--------|-------|----------------|-------|------|
| 5.6' | 11.2 | 0+00 = N 5,640 | | |
| N. 14' | 2.7 | 11-20-61 | | |
| DIST | Sound | Elev | 0+00 | |
| 0+00 | 1.9 | +4.3 | (4.4) | 0.1 |
| | 4.7 | +1.5 | | 3.0 |
| (6.2) | 3.8 | +2.4 | | 6.1 |
| | 5.5 | +0.7 | | 6.6 |
| | 5.5 | +0.7 | 50 | 7.5 |
| 50 | 9.4 | 3.2 | | 11.2 |
| | 12.3 | 6.1 | | 11.2 |
| | 12.3 | 6.1 | 10:00 | 12.8 |
| 9:55 | 14.4 | 8.2 | | 12.8 |
| | 15.1 | 8.9 | | 13.1 |
| | 15.1 | 8.9 | | 13.4 |
| | 15.7 | 9.5 | 1+00 | 13.4 |
| 1+00 | 15.7 | 9.5 | | 13.9 |
| | 15.8 | 9.6 | | 13.7 |
| | 14.5 | 8.3 | | 13.7 |
| | 13.6 | 7.4 | | 12.8 |
| | 14.0 | 7.8 | 50 | 12.3 |
| 50 | 14.0 | 7.8 | | 12.5 |
| | 13.9 | 7.7 | | 12.5 |
| | 14.0 | 7.8 | | 12.7 |
| | 14.1 | 7.9 | | 12.7 |
| | 14.3 | 8.1 | 2+00 | 12.6 |
| 2+00 | 14.0 | 7.8 | | 12.6 |

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STA. W. 152+00.0+00=N 5,630 SOUND NORTH

| STA. | ELEV | DIST | SOUND | ELEV |
|--------|-------|--------------|------------|------|
| 5.3' | 11.0 | 0+00=N 5,630 | | |
| N. 13' | 3.5 | 11-20-61 | | |
| DIST | SOUND | ELEV | 0+00 | |
| 0+00 | | | 0.0 | +4.2 |
| | 1.3 | +4.8 | (42) 2.6 | +1.6 |
| (6.1) | 4.6 | +1.5 | 5.2 | 1.0 |
| | 3.9 | +2.2 | 6.6 | 2.4 |
| | 5.9 | +0.2 | 50 8.2 | 4.0 |
| 50 | 9.9 | 3.8 | 11.1 | 6.9 |
| | 13.4 | 7.3 | 10:10 12.6 | 8.4 |
| 10:00 | 15.2 | 9.1 | 12.8 | 8.6 |
| | 15.0 | 8.9 | 12.5 | 8.3 |
| | 14.5 | 8.4 | 1+00 13.1 | 8.9 |
| 1+00 | 14.9 | 8.8 | 13.0 | 8.8 |
| | 14.9 | 8.8 | 11.4 | 7.2 |
| | 13.5 | 8.4 | 11.9 | 7.7 |
| | 13.9 | 7.8 | 12.1 | 7.9 |
| | 14.2 | 8.1 | 50 12.5 | 8.3 |
| 50 | 14.3 | 8.2 | 12.5 | 8.3 |
| | 14.3 | 8.2 | 12.1 | 7.9 |
| | 14.0 | 7.9 | 12.0 | 7.8 |
| | 13.7 | 7.6 | 11.9 | 7.7 |
| | 13.5 | 7.4 | 2+00 11.4 | 7.2 |
| 2+00 | 13.3 | 7.2 | | |

④

STA. W. 152+50.0+00=N. 5,630: SOUND NORTH

| STA. | ELEV. | DIST | SOUND | ELEV |
|-------|-------|--------------|------------|------|
| 0 | 10.9 | 0+00=N 5,630 | | |
| N 16' | 3.4 | 11-20-61 | | |
| DIST | SOUND | ELEV | 0+00 | |
| 0+00 | | | 0.0 | +6.0 |
| | 0.0 | +6.0 | (41) 2.2 | |
| (6.0) | 3.7 | +2.3 | 4.7 | |
| | 4.3 | +1.7 | 7.0 | |
| | 4.5 | +1.5 | 50 7.0 | |
| 50 | 8.2 | 2.2 | 9.5 | |
| | 11.3 | 5.3 | 10:15 11.6 | |
| 10:05 | 13.5 | 7.5 | 12.3 | |
| | 14.0 | 8.0 | 12.7 | |
| | 14.6 | 8.6 | 1+00 12.7 | |
| 1+00 | 14.6 | 8.6 | 12.2 | |
| | 14.0 | 8.0 | 11.3 | |
| | 12.5 | 6.5 | 10.9 | |
| | 12.7 | 6.7 | 11.0 | |
| | 12.7 | 6.7 | 50 11.0 | |
| 50 | 12.9 | 6.9 | 11.5 | |
| | 13.3 | 7.3 | 11.6 | |
| | 13.5 | 7.5 | 11.9 | |
| | 13.6 | 7.6 | 11.8 | |
| | 13.9 | 7.9 | 2+00 11.9 | |
| 2+00 | 13.8 | 7.8 | | |

11-09-61
 STA. W. 153+00' 0+00 = N 5,640' SOUND NORTH

| STA. | ELEV. | DIST | SOUND | ELEV |
|--------|-------|-----------------|-------|----------|
| S. 1' | 10.8 | 0+00 = N. 5,640 | | |
| N. 14' | 3.3 | 11-20-61 | | |
| DIST | SOUND | ELEV | 0+00 | |
| 0+00 | 0.0 | +5.9 | (39) | 2.5 +1.4 |
| (5.9) | 3.5 | +2.4 | | 5.5 1.0 |
| | 3.7 | +2.2 | | 6.2 2.3 |
| | 5.4 | +0.5 | 50 | 7.0 3.1 |
| 50 | 8.7 | 2.8 | | 11.0 7.1 |
| | 13.2 | 7.3 | 10:20 | 11.9 8.0 |
| | 14.0 | 8.1 | | 12.0 8.1 |
| | 14.2 | 8.3 | | 12.1 8.2 |
| | 14.2 | 8.3 | 1+00 | 12.3 8.4 |
| 1+00 | 14.5 | 8.6 | | 10.3 6.4 |
| | 12.3 | 6.4 | | 10.8 6.9 |
| | 12.8 | 6.9 | | 11.1 7.2 |
| | 13.1 | 7.2 | | 11.2 7.3 |
| | 13.5 | 7.6 | 50 | 11.5 7.6 |
| 50 | 13.6 | 7.7 | | 11.8 7.9 |
| | 13.8 | 7.9 | | 11.8 7.9 |
| | 13.5 | 7.6 | | 11.9 8.0 |
| | 13.7 | 7.8 | | 12.1 8.2 |
| | 14.1 | 8.2 | 2+00 | 12.3 8.4 |
| 2+00 | 14.2 | 8.3 | | |

5
 STA. W. 153+50' 0+00 = N 5,660' SOUND NORTH

| STA. | ELEV. | DIST | SOUND | ELEV |
|--------|-------|----------------|-------|------|
| S. 4' | 10.4 | 0+00 = N 5,660 | | |
| N. 10' | 4.4 | 11-20-61 | | |
| DIST | SOUND | ELEV | 0+00 | |
| 0+00 | 1.5 | +4.4 | (37) | 3.0 |
| (5.9) | 2.7 | +3.2 | | 5.1 |
| | 4.0 | +1.9 | | 6.6 |
| | 9.6 | 3.7 | 50 | 9.2 |
| 50 | 11.2 | 5.3 | 10:25 | 10.0 |
| | 12.4 | 6.5 | | 11.1 |
| 10:15 | 12.9 | 7.0 | | 11.8 |
| | 13.0 | 7.1 | | 11.7 |
| | 13.9 | 8.0 | 1+00 | 11.4 |
| 1+00 | 13.4 | 7.5 | | 11.9 |
| | 13.6 | 7.7 | | 10.5 |
| | 12.9 | 7.0 | | 11.0 |
| | 13.2 | 7.3 | | 11.3 |
| | 13.4 | 7.5 | 50 | 11.5 |
| 50 | 13.6 | 7.7 | | 11.7 |
| | 13.8 | 7.9 | | 11.8 |
| | 14.0 | 8.1 | | 12.0 |
| | 13.9 | 8.0 | | 12.2 |
| | 14.2 | 8.3 | 2+00 | 12.2 |
| 2+00 | 14.3 | 8.4 | | |

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STA. W. 154+00; 0+00 = N. 5,680; SOUND NORTH

| STA. | ELEV. | DIST | SOUND | ELEV |
|-------------|-------|----------|-------------|----------|
| 5.3' | 10.2 | 0+00 | = N. 5,680 | |
| N. 13' | 3.5 | 11-20-61 | | |
| DIST SOUND | ELEV | 0+00 | | |
| 0+00 | | | | |
| (58) | 1.4 | +4.4 | (36) | 2.9 +0.7 |
| | 3.9 | +1.9 | | 5.0 1.4 |
| | 3.3 | +2.5 | | 6.1 2.5 |
| | 5.4 | +0.4 | 50 | 7.0 3.4 |
| 50 | 8.9 | 3.0 | | 9.4 5.8 |
| | 11.9 | 6.1 | 10:30 | 10.8 7.2 |
| 10:20 | 13.0 | 7.2 | <u>11:0</u> | 11.0 7.4 |
| <u>13.5</u> | 7.7 | | 11.7 | 8.1 |
| | 13.9 | 8.1 | 1+00 | 11.7 8.1 |
| 1+00 | 13.7 | 7.9 | | 11.2 7.6 |
| | 13.4 | 7.6 | | 11.2 7.6 |
| | 13.8 | 8.0 | | 10.4 6.8 |
| | 12.7 | 6.9 | | 10.2 6.6 |
| | 12.4 | 6.6 | 50 | 10.7 7.1 |
| 50 | 12.8 | 7.0 | | 10.9 7.3 |
| | 12.9 | 7.1 | | 11.1 7.5 |
| | 13.2 | 7.4 | | 11.2 7.6 |
| | 13.4 | 7.6 | | 11.6 8.0 |
| | 13.6 | 7.8 | 2+00 | 11.9 8.3 |
| 2+00 | 13.6 | 7.8 | | |

6

STA. W. 154+50; 0+00 = N. 5,710; SOUND NORTH

| STA. | ELEV. | DIST | SOUND | ELEV |
|-------------|-------|----------|-------------|------|
| 54' | 10.6 | 0+00 | = N. 5,710 | |
| N. 14' | 3.7 | 11-20-61 | | |
| DIST SOUND | ELEV | 0+00 | | |
| 0+00 | | | | |
| (57) | 0.4 | +5.3 | (34) | 1.4 |
| | 4.1 | +1.6 | | 3.4 |
| | 3.7 | +2.0 | | 4.8 |
| | 3.7 | +2.0 | 50 | 5.3 |
| 50 | 5.4 | +0.3 | | 7.7 |
| | 10.2 | 4.5 | 10:35 | 9.2 |
| 10:25 | 11.3 | 5.6 | <u>10:9</u> | 10.9 |
| <u>13.1</u> | 7.4 | | 10.9 | |
| | 13.5 | 7.8 | 1+00 | 10.9 |
| 1+00 | 12.8 | 7.1 | | 11.1 |
| | 13.4 | 7.7 | | 10.6 |
| | 12.7 | 7.0 | | 10.7 |
| | 13.1 | 7.4 | | 10.2 |
| | 12.5 | 6.8 | 50 | 11.1 |
| 50 | 13.3 | 7.6 | | 11.4 |
| | 14.2 | 8.5 | | 11.5 |
| | 12.8 | 7.1 | | 10.8 |
| | 12.5 | 6.8 | | 10.9 |
| | 12.6 | 6.9 | 2+00 | 10.5 |
| 2+00 | 12.8 | 7.1 | | 10.5 |
| | | | | 10.5 |

11-09-61

STA. W. 155700; 0+00 = N. 5.750; SOUND NORTH

| STA. | ELEV. | DIST | SOUND | ELEV |
|--------|-------|-----------------|-------|------|
| 5.3' | 10.1 | 0+00 = N. 5.750 | | |
| N. 14' | 4.6 | 11-20-61 | | |
| DIST | SOUND | ELEV | 0+00 | |
| 0+00 | | | | |

| | | | (33) | |
|-------|------|------|-------|------|
| (5.7) | 2.6 | +3.1 | | 2.0 |
| | 2.8 | +2.9 | | 2.9 |
| | 3.0 | +2.7 | 50 | 4.8 |
| 50 | 5.3 | +0.4 | | 5.4 |
| | 8.7 | 3.0 | 10:45 | 8.1 |
| 10:30 | 10.4 | 4.7 | — | 8.9 |
| — | 11.0 | 5.3 | | 10.0 |
| | 12.5 | 6.8 | 1+00 | 9.9 |
| 1+00 | 12.5 | 6.8 | | 11.1 |
| | 12.8 | 7.1 | | 11.0 |
| | 13.5 | 7.8 | | 10.9 |
| | 13.3 | 7.6 | | 11.2 |
| | 13.4 | 7.7 | 50 | 11.5 |
| 50 | 14.1 | 8.4 | | 11.1 |
| | 13.7 | 8.0 | | 11.6 |
| | 13.3 | 6.6 | | 11.1 |
| | 14.2 | 8.5 | | 11.2 |
| | 13.3 | 7.6 | 2+00 | 10.6 |
| 2+00 | 12.9 | 7.2 | | |

(Contd. Pg. 13)

STA. W. 157400; 0+00 = W. 15,440; SOUND EAST

| STA. | ELEV. | DIST | SOUND | ELEV |
|-------|-------|------------------|-------|------|
| 0 | 10.4 | 0+00 = W. 15,440 | | |
| E 28' | 2.8 | 11-20-61 | | |
| DIST | SOUND | ELEV | 0+00 | |
| 0+00 | | | | |

| | | | (30) | |
|-------|------|------|-------|------|
| (5.6) | 0.4 | +5.2 | | 0.3 |
| | 1.5 | +4.1 | | 1.2 |
| | 3.2 | +2.4 | 50 | 2.6 |
| 50 | 3.2 | +2.4 | | 3.9 |
| | 2.7 | +2.9 | 10:55 | 5.2 |
| 10:40 | 2.8 | +2.8 | — | 5.7 |
| — | 3.8 | +1.8 | | 5.8 |
| | 7.5 | 1.9 | 1+00 | 6.5 |
| 1+00 | 9.3 | 3.7 | | 6.9 |
| | 10.1 | 4.5 | | 7.7 |
| | 10.3 | 4.7 | | 10.0 |
| | 12.9 | 7.3 | | 10.3 |
| | 12.9 | 7.3 | 50 | 9.5 |
| 50 | 12.1 | 6.5 | | 9.4 |
| | 11.6 | 6.0 | | 9.6 |
| | 12.0 | 6.5 | | 10.6 |
| | 12.1 | 6.6 | | 9.7 |
| | 12.0 | 6.5 | 2+00 | 10.5 |
| 2+00 | 12.4 | 6.8 | | 7.5 |

(Contd From)
FB. 149-PP. 68)

11-22-61

5 STA. W. 157450; 0+00 = N. 6200; SOUND NORTH

| Sta. | Elev | |
|------|-------|------|
| 0 | 9.8 | |
| N13 | 4.0 | |
| Dist | Sound | Elev |
| 0+00 | | |

(38) 2.0

4.1

5.1

50 6.1

7.7

11:25 9.8

11.3

10.8

1+00 10.7

10.3

10.0

11.2

12.5

50 13.0

13.3

13.7

(8)

11-22-61

5 STA. W. 157400; 0+00 = N. 6210; SOUND NORTH

| Sta. | Elev | |
|--------|-------|------|
| N. 2' | 9.5 | |
| N. 14' | 3.8 | |
| Dist | Sound | Elev |
| 0+00 | | |

(39) 3.6 +0.3

4.5 0.6

6.0 2.1

50 9.7 5.8

11.3 7.4

11:20 11.8 7.9

11.9 8.0

12.0 8.1

1+00 12.0 8.1

11.2 7.3

11.7 7.8

12.4 8.5

12.9 9.0

50 13.4 9.5

13.6 9.7

14.0 10.1

14.6 10.7

11-22-61

5 STA. W. 156+75; 0+00 = N. 6210; SOUND NORTH

| Sta. | Elev. |
|-------|------------|
| 5.2' | 9.6 |
| N 12' | 2.6 |
| Dist | Sound Elev |
| 0+00 | |

(39)

| | | |
|---------------|------|------|
| | 4.5 | 0.6 |
| | 6.0 | 2.1 |
| | 6.9 | 3.0 |
| 50 | 10.5 | 6.6 |
| | 11.7 | 7.8 |
| | 12.6 | 8.7 |
| 11:20 | 12.8 | 8.9 |
| <u> </u> | 12.2 | 8.3 |
| 1+00 | 12.4 | 8.5 |
| | 11.4 | 7.5 |
| | 12.1 | 8.2 |
| | 12.5 | 8.6 |
| | 12.9 | 9.0 |
| 50 | 13.7 | 8.8 |
| | 13.9 | 10.0 |
| | 14.3 | 10.4 |
| | 14.9 | 11.0 |

11-20-61

5 STA. N. 61+50; 0+00 = W. 15,600; SOUND EAST

| Sta. | Elev. |
|------|------------|
| W 5' | 9.2 |
| E 9' | 2.9 |
| Dist | Sound Elev |
| 0+00 | |

(20)

| | | |
|---------------|------|-----|
| | 3.0 | 1.0 |
| | 4.0 | 2.0 |
| | 3.8 | 1.8 |
| 50 | 8.0 | 6.0 |
| | 9.6 | 7.6 |
| 11:40 | 10.1 | 8.1 |
| <u> </u> | 10.3 | 8.3 |
| | 10.3 | 8.3 |
| 1+00 | 9.2 | 7.2 |
| | 8.8 | 6.8 |
| | 10.7 | 8.7 |
| | 10.7 | 8.7 |
| | 9.8 | 7.8 |
| 50 | 10.0 | 8.0 |
| | 10.0 | 8.0 |

See N 62+00
Pg. 26

11-20-61

5 STA. N. 61400; 0+00 = W. 15,600; SOUND EAST

| Sta. | Elev |
|-------|------------|
| E 5' | 9.7 |
| E 16' | 4.1 |
| Dist | Sound Elev |
| 0+00 | |

(21)

| | | |
|-------|-----|-----|
| | 2.6 | 0.5 |
| | 4.7 | 2.6 |
| 50 | 5.7 | 3.6 |
| | 8.2 | 6.1 |
| 11:35 | 8.7 | 6.6 |
| | 9.3 | 7.2 |
| | 9.1 | 7.0 |
| 1400 | 9.1 | 7.0 |
| | 8.8 | 6.7 |
| | 8.4 | 6.3 |
| | 9.0 | 6.9 |
| | 9.0 | 6.9 |
| 50 | 9.5 | 7.4 |
| | 9.9 | 7.8 |

11-20-61

5 STA. N. 60450; 0+00 = W. 15,600; SOUND EAST

| Sta. | Elev |
|-------|------------|
| E 4' | 10.1 |
| E 16' | 4.0 |
| Dist | Sound Elev |
| 0+00 | |

(22)

| | |
|-------|------|
| | 2.6 |
| | 3.8 |
| 50 | 4.1 |
| | 7.0 |
| 11:30 | 7.7 |
| | 9.9 |
| | 10.1 |
| 1400 | 9.4 |
| | 9.0 |
| | 9.4 |
| | 9.4 |
| | 9.0 |
| 50 | 9.4 |

11-20-61

STA. N. 60+00; O+00 = W. 15600; SOUND EAST.

| Sta. | Elev. |
|------------|-------|
| E 4' | 10.2 |
| E 15' | 4.0 |
| DIST SOUND | Elev. |
| 0+00 | |

(2.3)

| | | |
|-------------|------|-----|
| | 3.2 | 0.9 |
| | 4.5 | 1.2 |
| 50 | 5.6 | 3.3 |
| | 9.0 | 6.7 |
| 11:25 | 9.7 | 7.4 |
| <u> </u> | 10.1 | 7.8 |
| | 10.4 | 8.1 |
| 1+00 | 10.2 | 7.9 |
| | 10.3 | 8.0 |
| | 9.4 | 7.1 |
| | 8.6 | 6.3 |
| | 9.0 | 6.7 |
| 50 | 9.3 | 7.0 |

11-20-61

STA. N. 59+50; O+00 = W. 15600; SOUND EAST

| Sta. | Elev. |
|------------|-------|
| 0 | 10.6 |
| E 13' | 4.0 |
| DIST SOUND | Elev. |
| 0+00 | |

(2.4)

| | | |
|-----------------|----------------|----------------|
| | 0.4 | 12.0 |
| | 3.8 | 1.4 |
| | 4.1 | 1.7 |
| 50 | 7.0 | 4.6 |
| | 8.3 | 5.9 |
| 11:20 | 9.4 | 7.0 |
| <u> </u> | 10.4 | 8.0 |
| | 10.1 | 7.7 |
| 1+00 | 9.2 | 6.8 |
| 1+03 | 8.8 | 6.4 |
| | 9.7 | 7.3 |
| | 9.7 | 7.3 |
| | 9.7 | 7.3 |
| | 9.4 | 7.0 |
| 50 | 9.5 | 7.1 |

11-20-61
 STAN. 59+00; 0+00 = W. 15590 SOUND EAST.

| Sta. | Elev. |
|------------------|-------|
| 0 | 10.6 |
| E24' | 0.6 |
| Dist Sound Elev. | |
| 0+00 | |

(26)

| | | |
|--------------|------|------|
| | 2.2 | +0.4 |
| | 4.4 | 1.8 |
| 50 | 4.6 | 2.0 |
| | 7.3 | 4.7 |
| <u>11:15</u> | 9.1 | 6.5 |
| | 10.0 | 7.4 |
| | 10.5 | 7.9 |
| 1+00 | 11.0 | 8.4 |
| | 11.2 | 8.6 |
| | 10.6 | 8.0 |
| | 11.0 | 8.4 |
| | 9.4 | 6.8 |
| 50 | 9.8 | 7.2 |
| | 10.1 | 7.5 |
| | 10.5 | 7.9 |
| | 10.6 | 8.0 |

2+00

11-20-61 (12)
 STAN. 58+50; 0+00 = W. 15570 SOUND EAST

| Sta. | Elev. |
|------------------|-------|
| E2' | 10.6 |
| E23' | 2.1 |
| Dist Sound Elev. | |
| 0+00 | |

(27)

| | | |
|--------------|------|------|
| | 0.9 | +1.8 |
| | 4.0 | 1.3 |
| 50 | 5.2 | 2.5 |
| | 7.1 | 4.4 |
| <u>11:10</u> | 9.1 | 6.4 |
| | 9.4 | 6.7 |
| | 9.9 | 7.2 |
| 1+00 | 10.1 | 7.4 |
| | 10.0 | 7.3 |
| | 9.6 | 6.9 |
| | 10.0 | 7.3 |
| | 10.0 | 7.3 |
| 50 | 9.7 | 7.0 |
| | 9.8 | 7.1 |
| | 10.1 | 7.4 |
| | 10.0 | 7.3 |
| | 10.1 | 7.4 |
| 2+00 | 10.4 | 7.7 |

11-20-61

STA. N. 58+00; O+00 = W. 15550; SOUND EAST

| Sta. | Elev. | Hub | Elev. |
|------------|-------|---------|-------|
| E 10' | 10.8 | N 5800 | |
| E 29 | 3.2 | W 15550 | 11.32 |
| Dist Sound | Elev. | | |
| O+00 | | | |

(28)

| | | |
|-------|------|------|
| | 1.5 | +1.3 |
| 50 | 3.7 | 0.9 |
| | 5.1 | 2.3 |
| 11:05 | 5.7 | 2.9 |
| ~ | 9.2 | 6.9 |
| | 9.3 | 6.5 |
| 1400 | 10.0 | 7.2 |
| | 10.6 | 7.8 |
| | 10.9 | 8.1 |
| | 10.3 | 7.5 |
| | 10.5 | 7.7 |
| 50 | 11.5 | 8.7 |
| | 10.0 | 7.2 |
| | 9.7 | 6.9 |
| | 9.8 | 7.0 |
| | 10.1 | 7.3 |
| 2+00 | 10.1 | 7.3 |

(13)

11-20-61

STA. N. 57+50; O+00 = W. 15500; SOUND EAST

| Sta. | Elev. |
|------------|-------|
| W 4' | 10.3 |
| E 15 | 3.2 |
| Dist Sound | Elev. |
| O+00 | |

(29)

| | | |
|-------|------|------|
| | 2.6 | +0.3 |
| 50 | 3.4 | 0.5 |
| | 5.0 | 2.1 |
| 11:00 | 5.0 | 2.1 |
| ~ | 6.0 | 3.1 |
| | 8.0 | 5.1 |
| 1400 | 9.4 | 6.5 |
| | 10.4 | 7.5 |
| | 11.2 | 8.3 |
| | 11.6 | 8.7 |
| | 11.0 | 8.1 |
| 50 | 10.3 | 7.4 |
| | 10.7 | 7.8 |
| | 10.7 | 7.8 |
| | 10.1 | 7.2 |
| | 9.2 | 6.3 |
| 2+00 | 9.8 | 6.9 |

(Contd. p. 9. 7)

(Contd. from pg. 1) 11-20-61

STA. W. 149+00: 0+00 = N. 5,820 ; SOUND NORTH

DIST SOUND ELEV DIST SOUND ELEV

0+00

5.0

50 1.5

1.8

9:35 2.1

2.9

3.1

1+00 4.5

9.6

10.8

11.2

10.7

50 12.0

12.1

12.7

13.0

13.0

2+00 13.0

11-20-61

(19)

STA. W. 156+00: 0+00 = N. 6,150 ; SOUND NORTH

DIST SOUND ELEV

STA.

ELEV

18

0+00

1.0 +0.8

1.8 0.0

2.0 0.2

50 3.9 2.1

4.0 2.2

11:45 6.1 4.3

9.1 7.3

9.0 7.2

1+00 10.8 9.0

10.8 9.0

10.2 8.4

10.2 8.4

10.2 8.4

50 9.5 7.7

9.8 8.0

9.8 8.0

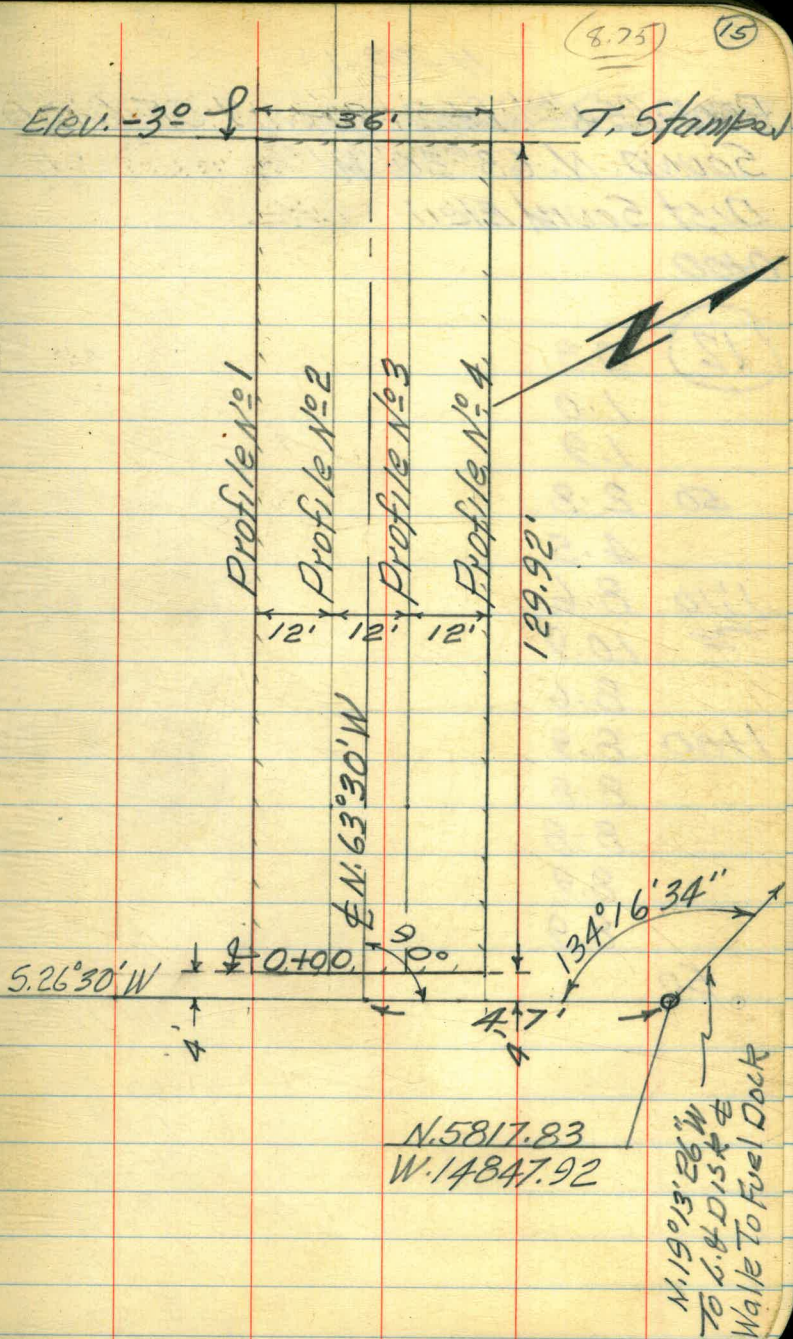
9.8 8.0

10.0 8.2

2+00 10.0 8.2

55 LOCATION TIES FOR PROFILES
 @ WLY. BOAT RAMP DANA BASIN
 AFTER REMEDIAL DREDGING
 W.O. 64908

NOTE: For Profiles Ely. Ramp
 See F.B. $\frac{149}{69}$
 See F.B. $\frac{138}{52}$ FOR OVI TIES



11-22-61

PROFILE N° 1, 0+00 = 80' N.W. OF 0+00

SOUND N. 63° 30' W

DIST SOUND Elev

0+00

(12) 0.3

1.0

1.9

50 2.8

4.5

1+10 8.6

≅ 10.9

8.6

1+00 8.9

8.8

8.8

8.9

8.9

50

(16)

PROFILE N° 2, 0+00 = 80' N.W. OF 0+00

SOUND N. 63° 30' W

DIST SOUND Elev

0+00

(12) 0.4

1.2

2.8

50 4.0

6.2

1+10 9.5

≅ 9.5

8.7

1+00 8.9

9.0

9.0

11-22-61

PROFILE N° 3, 0+00=80' N.W. OF 0+00

SOUND N. 63° 30' W.

DIST SOUND ELEV

0+00

(11)

0.1

1.6

2.7

50 3.3

6.4

1:15 9.6

≈

10.2

8.8

1+00 8.9

9.0

9.0

(17)

PROFILE N° 4, 0+00=80' N.W. OF 0+00

SOUND N. 63° 30' W.

DIST SOUND ELEV

0+00

(1.1)

0.0

1.5

2.0

50 5.5

7.7

9.7

1:15 10.0

≈

8.1

1+00 8.9

9.1

9.1

Cont'd From FB 149
75

11-22-61

STA. N. 62+50; Otop = W. 14,930; SOUND WEST

Sta. Elev

E 14 10.0

W 14 2.2

Dist Sound Elev

Otop 0.8

(6.0) 3.7

5.0

Piev 8.3

8.0

50 11.2

14.1

9:40 15.4

16.3

16.7

1+00 15.6

15.1

15.1

~~13.8~~

(1.3) 10.1

50 9.0

7.8

1:00 8.1

8.9

8.9

11-22-61

STA. N. 63+00; Otop = W. 14,960; SOUND WEST

Sta. Elev

W 7 9.1

W. 29 2.7

Dist Sound Elev

Otop

(5.9)

1.2 +4.7

3.1 +2.8

6.5 0.6

50 7.9 2.0

9.4 3.5

9:50 11.0 5.1

11.4 5.5

13.1 7.2

1+00 14.0 8.1

14.0 8.1

14.2 8.3

13.1 7.2

10.4 4.5

50 12.1 6.2

13.1 7.2

12.9 7.0

12.7 6.8

13.0 7.1

13.3 7.4

11-22-61

STA. N. 63+50; 0+00 = W. 15,020; SOUND WEST

| Sta. | Elev. |
|------------|-------|
| W 4' | 9.0 |
| W 26 | 2.1 |
| Dist Sound | Elev |
| 0+00 | |

| | |
|------|-----|
| (59) | 1.5 |
| | 4.8 |
| | 6.7 |

50 8.3

9.4

9:55 9.5

— 11.8

13.4

1+00 13.7

14.1

14.9

15.0

13.2

50 13.8

14.5

14.4

14.3

13.4

2+00 13.4

(19)

STA. N. 64+00; 0+00 = W. 15,090; SOUND WEST

| Sta. | Elev. |
|------------|-------|
| E 2' | 9.3 |
| W 23 | 2.1 |
| Dist Sound | Elev |
| 0+00 | |

| | | |
|------|-----|------|
| (58) | 0.0 | +5.8 |
| | 2.5 | +3.3 |
| | 5.2 | +0.6 |
| | 7.3 | 1.5 |

50 10.0 4.2

10.2 4.4

10:00 12.9 7.1

— 14.1 8.3

14.5 8.7

1+00 14.4 8.6

14.2 8.4

15.4 9.6

14.1 8.3

13.3 7.5

50 13.3 7.5

11-22-61

STA. N. 64450' 0+00 = W. 15, 140' SOUND WEST

Sta. Elev.

E 6' 8.8

W 11' 1.8

Dist Sound Elev

0+00

(5.7) 3.0 +2.7

6.7 1.0

9.5 3.8

12.0 6.3

50 13.0 7.3

13.8 8.1

10:05 14.0 8.3

14.0 8.3

13.1 7.4

1+00 12.0 6.3

12.4 6.7

12.6 6.9

12.7 7.0

12.8 7.1

50 12.8 7.1

20

STA. N. 65400' 0+00 = W. 15, 140' SOUND WEST

Sta. Elev

E 2' 9.3

W. 15' 2.4

Dist Sound Elev

0+00

(5.6) 1.1 +4.5

5.3 +0.3

6.9 1.3

7.8 2.2

50 7.3 1.7

8.1 2.5

10.7 5.1

10:10 11.8 6.2

13.1 7.5

1+00 12.6 7.0

13.1 7.5

13.5 7.9

50

11-22-61

STA. N. 65+50, 0+00 = W. 15, 130, SOUND WEST

| Sta. | Elev. |
|-----------------|-------|
| E 4' | 9.4 |
| W 11' | 2.2 |
| Dist Sound Elev | |
| 0+00 | |

| | | |
|------|-----|------|
| (59) | 1.5 | +3.9 |
| | 6.4 | 1.0 |
| | 8.0 | 2.6 |
| | 9.5 | 4.1 |

50 10.5 5.1

13.1 7.7

10:20 13.9 8.5

13.8 8.4

12.4 7.0

1+00 12.2 6.8

13.0 7.6

13.5 8.1

13.2 7.8

50

(2)

STA. N. 66+00, 0+00 = W. 15, 100, SOUND WEST

| Sta. | Elev. |
|-----------------|-------|
| E 9' | 9.7 |
| W 14' | 2.6 |
| Dist Sound Elev | |
| 0+00 | |

| | | |
|------|-----|------|
| (62) | 2.0 | +3.2 |
| | 5.8 | 0.6 |
| | 6.6 | 1.4 |
| | 8.5 | 3.3 |

50 10.1 4.9

13.4 8.2

10:30 13.8 8.6

13.6 8.4

13.8 8.6

1+00 13.5 8.3

14.0 8.8

13.0 7.8

13.2 8.0

13.7 8.5

50

11-22-61

STA. W. 151400 OHOO = N. 6, 590; SOUND NORTH

| Sta. | Elev. | | |
|-------|-------|------|------|
| 5.2' | 9.7 | | |
| N. 22 | 3.1 | TP. | 6.69 |
| Dist | Sound | Elev | |

OHOO

(53)

| | | |
|-------|------|------|
| | 1.4 | +3.9 |
| | 4.3 | +1.0 |
| | 5.9 | 0.6 |
| 50 | 7.0 | 1.7 |
| | 8.3 | 3.0 |
| 10:25 | 9.6 | 4.3 |
| | 11.5 | 6.2 |
| | 13.0 | 7.7 |
| 1400 | 13.4 | 8.1 |
| | 13.8 | 8.5 |
| | 13.3 | 8.0 |
| | 12.6 | 7.3 |
| | 13.1 | 7.8 |
| 50 | 13.3 | 8.0 |
| | 13.9 | 8.6 |

(22)

STA. W. 130150 OHOO = N. 6, 640 SOUND NORTH

| Sta. | Elev. |
|--------|-------|
| N. 1' | 10.0 |
| N. 23' | 3.0 |
| Dist | Sound |
| | Elev |

OHOO

(51)

| | |
|-------|------|
| | 1.3 |
| | 4.3 |
| | 6.8 |
| 50 | 7.7 |
| | 9.0 |
| 10:35 | 11.5 |
| | 12.9 |
| | 12.8 |
| 1400 | 12.7 |
| | 12.4 |
| | 13.0 |
| | 13.2 |
| | 13.5 |
| 50 | 13.6 |
| | 13.6 |
| | 13.4 |

11-22-61

STA. W. 150+00 S. 0+00 = N. 6,680 SOUND NORTH

| Sta. | Elev. |
|------------|-------|
| 5' 2' | 9.5 |
| N. 14' | 2.9 |
| Dist Sound | Elev |
| 0+00 | |

| | | |
|--------------|------|------|
| (50) | 3.5 | +1.5 |
| | 6.1 | 1.1 |
| | 8.4 | 3.4 |
| 50 | 10.1 | 5.1 |
| | 11.5 | 6.5 |
| | 12.8 | 7.8 |
| <u>10:40</u> | 12.9 | 7.9 |
| | 12.7 | 7.7 |
| 1+00 | 12.7 | 7.7 |
| | 12.4 | 7.4 |
| | 12.2 | 7.2 |
| | 12.4 | 7.4 |
| | 13.1 | 8.1 |
| 50 | 13.4 | 8.4 |

(23)

STA. W. 149+50 S. 0+00 = N. 6,710 SOUND NORTH

| Sta. | Elev. |
|------------|-------|
| 5' 3' | 9.6 |
| N. 14' | 2.8 |
| Dist Sound | Elev. |
| 0+00 | |

| | |
|--------------|------|
| (49) | 3.5 |
| | 5.7 |
| | 7.7 |
| 50 | 8.0 |
| | 10.9 |
| | 12.1 |
| <u>10:45</u> | 12.8 |
| | 13.3 |
| 1+00 | 13.0 |
| | 12.4 |
| | 12.6 |
| | 11.5 |
| | 11.5 |
| 50 | 11.8 |
| | 12.9 |
| | 13.6 |

11-22-61

STA. W. 149400 CHD = N. 6, 740 SOUND NORTH

| Sta. | Elev. |
|------------------|-------|
| 5.2' | 9.8 |
| N. 10' | 4.2 |
| Dist Sound Elev. | |
| CHD | |

| | | |
|-------|-----|-------|
| (4.7) | 3.5 | + 1.2 |
|-------|-----|-------|

| | | |
|--|-----|-----|
| | 5.4 | 0.7 |
|--|-----|-----|

| | | |
|--|-----|-----|
| | 7.2 | 2.5 |
|--|-----|-----|

| | | |
|----|-----|-----|
| 50 | 8.1 | 3.4 |
|----|-----|-----|

| | | |
|--|-----|-----|
| | 9.3 | 4.6 |
|--|-----|-----|

| | | |
|-------|------|-----|
| 10:50 | 11.4 | 6.7 |
|-------|------|-----|

| | | |
|-------------|------|-----|
| <u>11.7</u> | 11.7 | 7.0 |
|-------------|------|-----|

| | | |
|--|------|-----|
| | 12.3 | 7.6 |
|--|------|-----|

| | | |
|------|------|-----|
| 1:00 | 12.0 | 7.3 |
|------|------|-----|

| | | |
|--|------|-----|
| | 10.7 | 6.0 |
|--|------|-----|

| | | |
|--|------|-----|
| | 11.4 | 6.7 |
|--|------|-----|

| | | |
|--|------|-----|
| | 12.0 | 7.3 |
|--|------|-----|

| | | |
|--|------|-----|
| | 12.6 | 7.9 |
|--|------|-----|

| | | |
|----|------|-----|
| 50 | 13.4 | 8.7 |
|----|------|-----|

(21)

STA. W. 149450 CHD = N. 6, 770 SOUND NORTH

| Sta. | Elev. |
|------------------|-------|
| 5.2' | 10.4 |
| N. 15' | 3.8 |
| Dist Sound Elev. | |
| CHD | |

| | |
|-------|-----|
| (4.6) | 2.4 |
|-------|-----|

| | |
|--|-----|
| | 5.3 |
|--|-----|

| | |
|--|-----|
| | 6.7 |
|--|-----|

| | |
|----|-----|
| 50 | 7.1 |
|----|-----|

| | |
|--|-----|
| | 8.6 |
|--|-----|

| | |
|-------|------|
| 10:55 | 10.9 |
|-------|------|

| | |
|-------------|------|
| <u>10.5</u> | 10.5 |
|-------------|------|

| | |
|--|------|
| | 10.8 |
|--|------|

| | |
|------|------|
| 1:00 | 11.9 |
|------|------|

| | |
|--|------|
| | 11.7 |
|--|------|

| | |
|--|------|
| | 12.9 |
|--|------|

| | |
|--|------|
| | 13.6 |
|--|------|

| | |
|--|------|
| | 14.1 |
|--|------|

| | |
|----|------|
| 50 | 15.2 |
|----|------|

11-22-61
STATION 147100 ORO = N. 6.810 SOUND NORTH

Sta. Elev.

56' 9.7

N 9' 3.7

Dist Sound Elev.

0+00

1.5

(44) 4.2

5.6

11:00 5.8

50 6.4

8.3

8.4

9.6

12.3

1+00 13.9

15.2

50

(25)
STATION 147150 ORO = N. SOUND NORTH

Sta. Elev.

Dist Sound Elev.

0+00

50

1+00

50

20' WLY

OF CB.

= Elev. M.H.

Sec Too Close to Bridge

11-20-61

N62+00 0+00 = W. 15.700; SOUND EAST

Dist Sound Elev Dist Sound Elev

0+00

16 9.7

50 10.1

16

10.5

10.2

STA. Elev

50

E34' 10.1

E59 3.8

1.8

1+00 3.5

4.0

11:55 4.0

7.2

9.8

50 9.6

9.3

9.2

9.2

9.8

2+00 9.5

9.8

9.4

9.5

12-08-61

SOUNDINGS ELY. TIERRA DEL FUEGO AFTER
REMEDIAL DREDGING (see $\frac{148}{58}$ For B.L.)

STA. N. 76+00.0+00 = W. 14.810 ; SOUND EAST

Dist Sound Elev

0+00

1.8 13.9

(5.7)

6.6 0.9

8.4 2.7

9.9 4.2

50

10.7 5.0

12.4 6.7

10:40

13.7 8.0

50

15.3 9.6

14.7 9.0

1+00

14.7 9.0

14.5 8.8

14.5 8.8

15.5 9.8

15.9 9.7

50

15.4 9.7

STA.

ELEV.

W. 6'

11.0

E. 7'

5.3

(27)

STA. N. 76+50.0+00 = W. 14.770 ; SOUND EAST

Dist Sound Elev Dist Sound Elev

0+00 0.6 +4.9 13.2 7.7

3.2 +2.3 50 14.5 9.0

(55) 9.4 3.9 15.1 9.6

10.2 4.7 15.2 9.7

11.0 5.5

50 13.2 7.7

13.8 8.3 3+00

10:45 14.8 9.3

14.5 9.0 Sta. Elev

13.9 8.4 W. 12' 10.4

1+00 15.0 9.5 E. 5' 3.6

14.0 8.5

14.2 8.7

13.5 8.0

13.3 7.8

50 13.0 7.5

12.7 7.2

12.6 7.1

12.7 7.2

12.8 7.3

2+00 13.2 7.7

13.2 7.7

13.0 7.5

12.9 7.4

12-08-61

STAN. 77400; 0+00 = W. 14.740; SOUND EAST

Dist Sound Elev

0+00 1.6 +3.7

5.7 0.4

53 8.0 2.7

9.5 4.2

11.1 5.8

50 13.0 7.7

12.8 7.5

10:55 14.3 9.0

14.1 8.8

14.2 8.9

1+00 13.3 8.0

12.5 7.2

13.9 8.6

14.1 8.8

14.0 8.7

50 14.0 8.7

14.1 8.8

Sta. Elev

W 13' 11.0

E 2' 3.7

(28)

STAN. 77450; 0+00 = W. 14.710; SOUND EAST

Dist Sound Elev

0+00 1.3 +3.8

4.0 +1.1

51 7.3 2.2

8.5 3.4

9.2 4.1

50 11.2 6.1

12.1 7.0

11:00 12.9 7.8

13.0 7.9

13.2 8.1

1+00 13.6 8.5

14.2 9.1

13.8 8.7

13.9 8.8

13.8 8.7

50 14.0 8.9

Sta. Elev

W. 12' 11.1

E. 4' 3.7

12-08-61

STA. N. 78100; O100 = W. 14, 680; SOUND EAST
DIST Sound Elev

0:00 0.0 +5.0

(50) 4.0 +1.0

6.5 1.5

7.8 2.8

9.0 4.0

50 10.7 5.7

12.6 7.6

11:05 12.5 7.5

12.5 7.5

13.0 8.0

14:00 13.5 8.5

13.2 8.2

13.5 8.5

50

Sta. Elev.
W 13' 11.0
E 5' 3.8

(29)

STA. N. 78150; O100 = W. 14, 650; SOUND EAST
DIST Sound Elev

0:00

2.6 +2.3

5.5 0.6

8.3 3.4

8.8 3.9

50 10.9 6.0

11.5 6.6

11:10 12.7 7.8

12.5 7.6

13.1 8.2

14:00 13.1 8.2

13.3 8.4

13.7 8.8

13.8 8.9

14.0 9.1

50 14.0 9.1

Sta. Elev.
W 10' 11.0
E 8' 3.8

12-08-61

STA. N. 79400; O 100 = W. 14,610 SOUND EAST

Dist Sound Elev

0+00 1.0 +3.7

4.7 4.9 0.2

5.3 0.6

8.3 3.6

10.0 5.3

50 11.4 6.7

12.6 7.9

11:15 12.8 8.1

13.1 8.4

13.2 8.5

1+00 13.0 8.3

13.4 8.7

14.1 9.4

13.9 9.2

14.3 9.6

50

| Sta. | Elev. |
|-------|-------|
| W 16' | 10.6 |
| E 2' | 3.7 |

12-30-61

STA. N. 79450; O 100 = W. 14,580 SOUND EAST

Dist Sound Elev

0+00

3.1 +1.5

4.6 5.0 0.4

8.3 3.7

8.3 3.7

50 10.4 5.8

12.1 7.5

11:20 13.0 8.4

13.0 8.4

12.5 7.9

1+00 13.3 8.7

13.8 9.2

14.1 9.5

13.9 9.3

13.8 9.2

50 14.0 9.4

| Sta. | Elev. |
|-------|-------|
| W 12' | 11.1 |
| E 5' | 3.8 |

12-08-61

STAN. 80+00; O.K. = W. 14,550; SOUND EAST

Dist Sound Elev

0+00

| | | |
|------|-----|------|
| (43) | 1.7 | +2.8 |
| | 4.5 | 0.0 |
| | 6.8 | 2.3 |
| | 7.6 | 3.1 |

50 9.6 5.1

11.4 6.9

11:25 12.0 7.5

12.3 7.8

12.2 7.7

1+00 12.8 8.3

12.9 8.4

13.0 8.5

13.0 8.5

12.4 7.9

50 12.8 8.3

13.2 8.7

Sta. Elev.

E 11' 3.2

W 8' 11.3

(31)

STAN. 80+50; O.K. = W. 14,520; SOUND EAST

Dist Sound Elev

0+00

| | | |
|------|-----|------|
| (44) | 0.1 | +4.3 |
| | 4.1 | +0.3 |
| | 5.0 | 0.6 |
| | 7.9 | 3.5 |

50 10.0 5.6

11.3 6.9

11:30 12.3 7.9

12.1 7.7

12.9 8.5

1+00 12.0 7.6

11.6 7.2

11.3 6.9

13.1 8.7

12.4 8.0

50 11.8 7.4

13.2 8.8

14.0 9.6

14.4 10.0

14.9 10.5

2+00 14.7 10.3

Sta. Elev.

W 4' 11.0

E 15' 3.2

12-08-61

STA. N. 81400; O.K. = W. 14,480; SOUND EAST

| Dist | Sound | Elev | Sta. | Elev. |
|---------------|-------|------|------|-------|
| 0+00 | | | W14 | 10.3 |
| (4.2) | 2.6 | +1.6 | E 8' | 2.6 |
| | 4.0 | +0.2 | | |
| | 4.0 | +0.2 | | |
| | 4.9 | 0.7 | | |
| 50 | 4.7 | 0.5 | | |
| | 6.7 | 2.5 | | |
| <u>11:35</u> | 7.8 | 3.6 | | |
| <u> </u> | 9.8 | 5.6 | | |
| | 10.5 | 6.3 | | |
| 1+00 | 12.0 | 7.8 | | |
| | 13.7 | 9.5 | | |
| | 12.8 | 8.6 | | |
| | 13.4 | 9.2 | | |
| | 12.5 | 8.3 | | |
| 50 | 12.4 | 8.2 | | |
| | 12.4 | 8.2 | | |
| | 12.5 | 8.3 | | |
| | 12.3 | 8.1 | | |
| | 12.5 | 8.3 | | |
| 2+00 | 12.9 | 8.7 | | |

= Sec on Ramp = (32)

STA. N. 81450; O.K. = W. 14,470; SOUND EAST

| Dist | Sound | Elev | Sta. | Elev |
|---------------|-------|------|--------------|------|
| 0+00 | | | | |
| (4.1) | 12.9 | 8.8 | | |
| | 50 | 12.9 | | 8.8 |
| | 0.3 | +3.8 | | |
| | 1.0 | +3.1 | | |
| | 2.1 | +2.0 | Sta. | Elev |
| | | | 0 on Ramp | 6.35 |
| 50 | 3.0 | +1.1 | W32 " | 9.4 |
| | 3.0 | +1.1 | E 30 on Ramp | 3.1 |
| <u>11:40</u> | 3.5 | +0.6 | | |
| <u> </u> | 5.4 | 1.3 | | |
| | 6.9 | 2.8 | | |
| 1+00 | 9.4 | 5.3 | | |
| | 10.4 | 6.3 | | |
| | 10.3 | 6.2 | | |
| | 11.8 | 7.7 | | |
| | 12.0 | 7.9 | | |
| 50 | 12.1 | 8.0 | | |
| | 11.6 | 7.5 | | |
| | 12.1 | 8.0 | | |
| | 12.2 | 8.1 | | |
| | 12.2 | 8.1 | | |
| 2+00 | 11.8 | 7.7 | | |
| | 12.0 | 7.9 | | |
| | 12.0 | 7.9 | | |
| | 12.4 | 8.3 | | |

12-08-61

STA. N. 82+00; 0+00 = W. 14, 420; SOUND EAST

| DIST | Sound | Elev | Sta. | Elev |
|-------|-------|------|------|------|
| 0+00 | | | 0 | 5.2 |
| (40) | | | W 30 | 8.8 |
| | 0.6 | +3.4 | E 28 | 3.5 |
| | 1.0 | +3.0 | | |
| | 1.0 | +3.0 | | |
| 50 | 1.5 | +2.5 | | |
| | 2.8 | +1.2 | | |
| 11:45 | 4.0 | 0.0 | | |
| | 5.2 | 1.2 | | |
| | 6.1 | 2.1 | | |
| 1+00 | 8.5 | 4.5 | | |
| | 10.2 | 6.2 | | |
| | 11.0 | 7.0 | | |
| | 11.0 | 7.0 | | |
| | 11.1 | 7.1 | | |
| 50 | 11.6 | 7.6 | | |
| | 11.8 | 7.8 | | |
| | 12.0 | 8.0 | | |
| | 12.0 | 8.0 | | |
| | 12.3 | 8.3 | | |
| 2+00 | 12.1 | 8.1 | | |
| | 12.1 | 8.1 | | |

STA. N. 82+50; 0+00 = W. 14, 420; SOUND EAST

| DIST | Sound | Elev | Sta. | Elev |
|-------|-------|------|------|------|
| 0+00 | | | 0 | 5.3 |
| | | | W 15 | 7.9 |
| | | | E 28 | 4.1 |
| | 0.5 | +3.3 | | |
| 50 | 1.2 | +2.6 | | |
| | 2.0 | +1.8 | | |
| 11:50 | 2.5 | +1.3 | | |
| | 3.8 | 0.0 | | |
| | 5.0 | 1.2 | | |
| 1+00 | 5.2 | 1.4 | | |
| | 7.1 | 3.3 | | |
| | 9.5 | 5.7 | | |
| | 10.6 | 6.8 | | |
| | 11.2 | 7.4 | | |
| 50 | 11.1 | 7.3 | | |
| | 11.4 | 7.6 | | |
| | 11.8 | 8.0 | | |
| | 11.8 | 8.0 | | |
| | 12.0 | 8.2 | | |
| 2+00 | 11.9 | 8.1 | | |

12-08-61

STA. N. 83+00 GHD = W. 14,400 SOUND EAST

DIST Sound Elev Sta Elev

0+00 0 6.1
E 24' 4.9

(37)

50 0.6 +3.1

1.5 +2.2

11:55 2.4 +1.3

3.4 +0.3

4.6 0.9

1+00 6.7 3.0

9.0 5.3

11.2 7.5

11.5 7.8

11.5 7.8

50 11.6 7.9

11.6 7.9

12.0 8.3

12.0 8.3

11.8 8.1

2+00 12.0 8.3

12.2 8.5

STA. N. 83+50 GHD = W. 14,350 SOUND EAST

DIST Sound Elev

0+00
(37)

0.9 +2.8

1.9 +1.8

50 3.1 +0.6

4.3 0.6

7.0 3.3

11:55 9.2 5.5

10.8 7.1

1+00 11.5 7.8

11.4 7.7

11.6 7.9

11.6 7.9

11.6 7.9

50 11.6 7.9

12.0 8.3

Sta. Elev.

0 4.9

N 31 6.4

E 30 3.0

380 50%

12-08-61

STAN. 84+00 to 0+00 = W. 14.350 SOUND EAST
DIST SOUND ELEV

0+00

35
1

0.3 +3.2

1.4 +2.1

1.9 +1.6

50 3.2 +0.3

5.1 1.6

12:00 8.3 4.8

9.7 6.2

10.6 7.1

1+00 10.6 7.1

10.8 7.3

10.9 7.4

11.4 7.9

11.8 8.3

50 12.1 8.6

12.2 8.7

STA. ELEV.

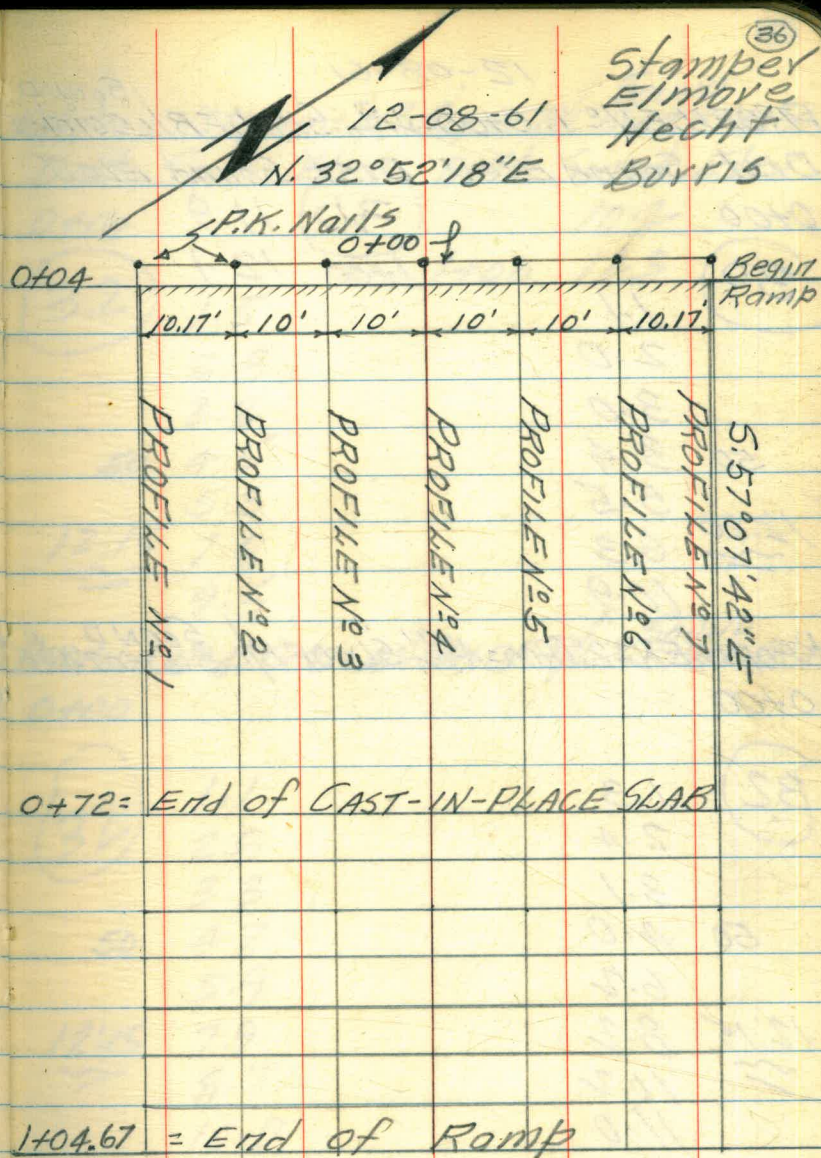
0 5.2

W 25 6.6

E 32 2.2

CHECK ON BOAT RAMP ELY, TIERRA DEL
FUEGO AFTER REMEDIAL DREDGING

W.O. 64908



12-08-61

PROFILE N° 1; 0+00=44' SLY OF B/L 5.57° 07' 42" E SOUND

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| 0+00 | | | (30) | 11.9 | |
| (30) | 1.1 | | 1+00 | 12.1 | |
| | 2.0 | | | | |
| | 3.0 | | | | |
| 50 | 3.4 | | | | |
| | 5.5 | | | | |
| 12:20 | 6.3 | | | | |
| | 10.9 | | | | |

PROFILE N° 3; 0+00=44' SLY OF B/L 5.57° 07' 42" E SOUND

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| 0+00 | | | | | |
| | | | 10.2 | | |
| (3.2) | 1.5 | | 1+00 | 11.3 | |
| | 2.8 | | | | |
| | 3.2 | | | | |
| 50 | 4.5 | | | | |
| | 5.3 | | | | |
| 12:15 | 7.8 | | | | |
| | 9.5 | | | | |

PROFILE N° 2; 0+00=44' SLY OF B/L 5.57° 07' 42" E SOUND

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| 0+00 | | | | | |
| (32) | 1.3 | | | | |
| | 2.4 | | | | |
| | 3.1 | | | | |
| 50 | 4.0 | | | | |
| | 6.2 | | | | |
| 12:15 | 8.2 | | | | |
| | 10.2 | | | | |
| | 11.0 | | | | |
| 1+00 | 11.8 | | | | |

PROFILE N° 4; 0+00=44' SLY OF B/L 5.57° 07' 42" E SOUND

| DIST | SOUND | ELEV | DIST | SOUND | ELEV |
|-------|-------|------|------|-------|------|
| 0+00 | | | | | |
| (32) | 1.1 | | | | |
| | 2.8 | | | | |
| | 3.3 | | | | |
| 50 | 4.7 | | | | |
| | 5.9 | | | | |
| 12:15 | 7.9 | | | | |
| | 8.7 | | | | |
| | 10.0 | | | | |
| 1+00 | 12.3 | | | | |

12-08-61

SOUND

PROFILE N° 5; 0+00=44° SLY. OF B/L 557° 07' 42"E

DIST SOUND Elev DIST SOUND Elev

0+00

12.1

1+00 11.8

(3.3)

1.6

2.5

3.1

50 4.2

5.4

12:10 7.9

9.0

PROFILE N° 6; 0+00=44° SLY. OF B/L 557° 07' 42"E

SOUND

0+00

(3.3)

1.2

2.5

2.7

50 4.1

5.8

12:10 7.2

9.4

10.6

1+00 12.4

(38)

SOUND

PROFILE N° 7; 0+00=44° SLY. OF B/L 557° 07' 42"E

DIST SOUND Elev DIST SOUND Elev

0+00

(3.4)

1.4

2.0

2.6

50 3.9

5.7

12:05 6.3

9.8

10.9

1+00 11.8

12-18-61

R=2175.96' F.B. (138/35)

SOUNDINGS SLY. TIERRA DEL FUEGO AFTER
REMEDIAL DREDGING 522 F.B. 155' FOR
ORIGINAL SEC'S

STA. 16+50 P.O.C.; 0+00 = 10' OUT

Dist Sound Elev Dist Sound Elev
0+00

| | | |
|-------|-----|-----|
| (0.7) | 1.0 | 0.3 |
| | 1.9 | 1.2 |
| | 2.5 | 1.8 |
| 50 | 2.7 | 2.0 |
| | 3.1 | 2.4 |
| 2:15 | 3.0 | 2.3 |
| 7 | 3.7 | 3.0 |
| | 3.7 | 3.0 |
| 1+00 | 3.6 | 2.9 |
| | 3.8 | 3.1 |
| | 4.0 | 3.3 |
| | 4.6 | 3.9 |
| | 4.6 | 3.9 |
| 50 | 5.1 | 4.4 |
| | 5.9 | 5.2 |
| | 6.5 | 5.8 |
| | 7.5 | 6.8 |
| | 8.1 | 7.4 |
| 2+00 | 8.8 | 8.1 |

STA. 17+00 P.O.C.; 0+00 = 10' OUT

Dist Sound Elev
0+00

| | | |
|-------|-----|-----|
| (0.7) | 1.1 | 0.4 |
| | 1.7 | 1.0 |
| | 2.3 | 1.6 |
| 50 | 2.7 | 2.0 |
| | 2.9 | 2.2 |
| 2:20 | 3.4 | 2.7 |
| 2 | 3.4 | 2.7 |
| | 3.5 | 2.8 |
| 1+00 | 3.5 | 2.8 |
| | 3.9 | 3.2 |
| | 4.0 | 3.3 |
| | 4.4 | 3.7 |
| | 4.9 | 4.2 |
| 50 | 6.0 | 5.3 |
| | 7.2 | 6.5 |
| | 8.2 | 7.5 |
| | 9.2 | 8.5 |
| | 9.2 | 8.5 |
| 2+00 | 9.6 | 8.9 |

R=2175.96 12-18-61
STA. 17+50 P.O.C.; 0+00=10' OUT

DIST Sound Elev

0+00

(0.7)

1.0 0.3

2.0 1.3

3.5 2.8

50 5.2 4.5

5.0 4.3

2:25 6.4 5.7

7.1 6.4

6.9 6.2

1+00 7.0 6.3

5.8 5.1

5.2 4.5

5.1 4.4

5.5 4.8

50 6.9 6.2

8.0 7.3

9.1 8.4

10.0 9.3

2+00

R=383.90' Ahead
R=2175.96' Back
STA. 17+91.64=P.O.C.; 0+00=10' OUT

DIST Sound Elev

0+00

(0.8)

0.5 +0.3

3.6 2.8

4.4 3.6

50 6.8 6.0

7.5 6.7

2:30 8.0 7.2

8.2 7.4

7.8 7.0

1+00 7.9 7.1

7.5 6.7

6.4 5.6

6.0 5.2

6.5 5.7

50 7.6 6.8

8.9 8.1

9.8 9.0

2+00

12-18-61

STA. 18+50; P.O.C.; 0+00 = 10' OUT

Dist Sound Elev

0+00

(08)

0.8 0.0

3.7 2.9

5.6 4.8

50 7.2 6.4

8.1 7.3

2:35 8.7 7.9

8.8 8.0

8.2 7.4

1+00 9.1 8.3

8.6 7.8

7.5 6.7

6.0 5.2

7.0 6.2

50 8.1 7.3

8.8 8.0

9.1 8.3

9.1 8.3

2+00

(4)

STA. 19+00; P.O.C.; 0+00 = 10' OUT

Dist Sound Elev

0+00

(09)

0.5 +0.4

3.2 2.3

5.2 4.3

50 7.6 6.7

8.7 7.8

2:40 8.9 8.0

8.1 7.2

8.2 7.3

1+00 8.3 7.4

7.9 7.0

6.4 5.5

5.8 4.9

7.3 5.4

50 8.0 7.1

8.5 7.6

8.9 8.0

8.8 7.9

2+00

12-18-61

STA. 19+50 P.O.C.; 0+00 = 10' OUT

Dist Sound Elev

0+00

| | | |
|----------|-----|-----|
| (09) | 3.3 | 2.4 |
| | 4.1 | 3.2 |
| | 5.9 | 5.0 |
| 50 | 7.7 | 6.8 |
| | 8.5 | 7.6 |
| 2:45 | 8.7 | 7.8 |
| <u>7</u> | 8.2 | 7.3 |
| | 8.5 | 7.6 |
| 1+00 | 8.6 | 7.7 |
| | 8.3 | 7.4 |
| | 5.1 | 4.2 |
| | 5.0 | 4.1 |
| | 6.8 | 5.9 |
| 50 | 7.6 | 6.7 |
| | 8.9 | 8.0 |
| | 8.5 | 7.6 |

2+00

(92)

STA. 20+00 P.O.C.; 0+00 = 0.00' OUT

Dist Sound Elev

0+00

| | | |
|----------|------|-----|
| (10) | 2.3 | 1.3 |
| | 4.6 | 3.6 |
| 50 | 6.5 | 5.5 |
| | 7.4 | 6.4 |
| 2:50 | 7.4 | 6.4 |
| <u>7</u> | 7.8 | 6.8 |
| | 7.3 | 6.3 |
| 1+00 | 8.1 | 7.1 |
| | 8.3 | 7.3 |
| | 7.6 | 6.6 |
| | 5.7 | 4.7 |
| | 4.5 | 3.5 |
| 50 | 6.1 | 5.1 |
| | 7.3 | 6.3 |
| | 9.8 | 8.8 |
| | 10.6 | 9.6 |

2+00

12-18-61

STA. 20+50 P.O.C.; 0+00=10' OUT

Dist Sound Elev

0+00

(1.1)

0.7 +0.4

3.4 2.3

4.7 3.6

50 7.5 6.4

7.7 6.6

2:55 8.2 7.1

8.1 7.0

8.2 7.1

1+00 7.4 6.3

7.2 6.1

6.3 5.2

5.9 4.8

7.0 5.9

50 7.6 6.5

7.8 6.7

9.5 8.4

2+00

43

STA. 2+00 P.O.C.; 0+00=10' OUT

Dist Sound Elev

0+00

(1.1)

0.6 +0.5

3.7 2.6

5.0 3.9

50 7.0 5.9

8.3 7.2

2:55 8.5 7.4

8.1 7.0

8.0 6.9

1+00 8.9 7.8

8.8 7.7

7.6 6.5

5.1 4.0

6.0 4.9

50 7.1 6.0

7.8 6.7

8.9 7.8

9.8 8.7

2+00

R=383.90' 12-18-61
STA. 21+50 P.C.C.; 0+100 = 10' OUT

DIST SOUND Elev

0+00

(1.2) 0.5 +0.7

3.3 2.1

5.2 4.0

50 7.2 6.0

8.1 6.9

3:00 8.7 7.5

8.8 7.6

8.1 6.9

1+00 8.3 7.1

8.4 7.2

8.1 6.9

6.6 5.4

6.5 5.3

50 7.1 5.9

7.6 6.4

7.7 6.5

8.4 7.2

2+00

(44)
R=426' Ahead
R=383.90' Back
STA. 22+17.11 = P.C.C.; 0+100 = 10' OUT

DIST SOUND Elev

0+00

(12) 0.6 +0.6

1.8 0.6

2.2 1.0

50 2.8 1.6

3.1 1.9

3:05 4.7 3.5

5.0 3.8

5.0 3.8

1+00 5.4 4.2

6.2 5.0

7.5 6.3

8.2 7.0

9.7 8.5

50 10.2 9.0

2+00

(Cont'd P. 52)

PEREZ COVE; AFTER RE-DREDGING

STA. N. 65+00; 0+00 = W/4, 220; SOUND EAST

DIST SOUND ELEV

0+00

(1.6)

1.2 +0.4

4.2 2.6

50 6.4 4.8

9.1 7.5

11:05 9.5 7.9

9.3 7.7

8.1 6.5

1+00 8.6 7.0

8.9 7.3

8.7 7.1

9.0 7.4

8.6 7.0

50 10.8 9.2

10.1 8.5

10.0 8.4

9.8 8.2

9.8 8.4

2+00 9.5 7.9

12-18-61

STA. N. 66+00; 0+00 = W/4, 250; SOUND EAST

DIST SOUND ELEV DIST SOUND ELEV

0+00

8.8 7.2

50 9.0 7.4

(1.6)

1.1 +0.5 8.9 7.3

1.8 0.2 8.9 7.3

5.2 3.6 8.8 7.2

50 8.3 6.7 9.0 7.4

10.1 8.5 3+00 8.7 7.1

11:10 9.5 7.9

10.3 8.7

9.3 7.7

1+00 8.6 7.0

9.0 7.4

9.0 7.4

8.5 6.9

8.7 7.1

50 8.7 7.1

8.9 7.3

8.8 7.2

8.8 7.2

8.8 7.2

2+00 9.0 7.4

8.7 7.1

8.7

8.9

12-18-61

(46)

STA. N. 67+00; 0+00 = W 14350; SOUND EAST

STA. W. 142+50; 0+00 = N. 6,600; SOUND NORTH

Dist Sound Elev

Dist Sound Elev

0+00

0+00

0.1 +1.1

(12) 1.9 0.7

2.1 0.9

5.9 4.7

50 8.8 7.6

10.1 8.9

11:30 10.8 9.6

10.6 9.4

9.4 8.2

1+00 10.2 9.0

10.2 9.0

11.6 10.4

10.4 9.2

7.2 6.0

50 8.5 7.3

9.4 8.2

9.8 8.6

9.6 8.4

9.6 8.4

2+00 9.6 8.4

(1.4)

1.2 +1.2

1.5 0.1

50 2.8 1.4

5.2 3.8

11:15 7.1 5.7

8.8 7.4

9.7 8.3

1+00 10.5 9.1

10.5 9.1

10.2 8.8

10.8 9.4

9.9 8.5

50 8.3 6.9

10.1 8.7

9.9 8.5

10.9 9.5

10.0 8.6

2+00 8.3 6.9

9.0 7.6

9.4 8.0

9.7 8.3

12-18-61

5 STA. W. 143+00, 0+00 = N. 6660, SOUND NORTH

Dist Sound Elev

0+00

(1.3) 1.0 +0.3

1.5 0.2

4.2 2.9

50 7.4 6.1

9.2 7.9

11:25 9.6 8.3

9.7 8.4

10.7 9.4

1+00 9.0 7.7

9.0 7.7

9.2 7.9

9.4 8.1

9.9 8.6

50 10.0 8.7

7.5 6.2

9.4 8.1

9.3 8.0

9.3 8.0

2+00 9.5 8.2

(47)

5 STA. W. 143+50, 0+00 = N. 6690, SOUND NORTH

Dist Sound Elev

0+00

9.0 7.9

50 9.0 7.9

(1.1) 0.8 +0.3 9.0 7.9

1.3 0.2 9.0 7.9

1.7 0.6 9.0 7.9

50 3.0 1.9 8.9 7.8

5.6 4.5 3+00 8.7 7.6

11:35 7.9 6.8 8.7 7.6

8.3 7.2 8.7 7.6

8.5 7.4 8.7 7.6

1+00 10.2 9.1 8.6 7.5

10.1 9.0 50 8.6 7.5

9.5 8.4 8.5 7.4

10.0 8.9 8.6 7.5

9.2 8.1 8.6 7.5

50 8.5 7.4 8.5 7.4

9.4 8.3 4+00 8.5 7.4

9.0 7.9 8.7 7.6

8.6 7.5 8.8 7.7

8.7 7.6 9.2 8.1

2+00 8.8 7.7 9.3 8.2

8.8 7.7

8.9 7.8

8.9 7.8

DANA BASIN, AFTER RE-DREDGING

STA. W. 153+00, 0+00 = N. 15,640; SOUND NORTH

DIST SOUND ELEV

0+00

0.4

0.5 0.1

2.8 2.4

50 7.1 6.7

8.9 8.5

1:15 9.5 9.1

9.5 9.1

9.5 9.1

1+00 9.7 9.3

9.8 9.4

9.1 8.7

7.3 6.9

7.5 7.1

50 7.8 7.4

7.8 7.4

7.7 7.3

8.0 7.6

8.3 7.9

2+00 8.4 8.0

12-18-61

(18)

STA. N. 59+50, 0+00 = N. 15,600; SOUND EAST

DIST SOUND ELEV

0+00

0.4

0.7 0.3

2.4 2.0

50 6.6 6.2

8.5 8.1

1:20 9.6 9.2

9.3 8.9

9.0 8.6

1+00 8.8 8.4

8.0 7.6

7.2 6.8

7.7 7.3

7.3 6.9

50 7.3 6.9

7.8 7.4

8.1 7.7

8.3 7.9

8.4 8.0

2+00 8.6 8.2

12-18-61

STA. N. 61+00; 0+00 = W. 15,600; SOUND EAST

Dist Sound Elev

0+00

(0.4)

0.0 +0.4

1.6 1.2

50 5.8 5.4

7.7 7.3

1:25 9.0 8.6

9.9 9.5

9.5 9.1

1+00 9.0 8.6

8.1 7.7

7.6 7.2

7.3 6.9

7.1 6.7

50 7.7 7.3

8.0 7.6

8.2 7.8

8.7 8.3

2+00

(29)

STA. W. 158+00; 0+00 = N. 6,180; SOUND NORTH

Dist Sound Elev.

0+00

(10.4)

1.5 1.1

50 6.0 4.6

7.0 5.6

1:30 8.3 7.9

8.5 8.1

8.4 8.0

1+00 8.1 7.7

7.8 7.4

8.2 7.8

8.8 8.4

8.3 7.9

50 8.7 8.3

9.6 9.2

2+00

12-18-61

STA. W. 159+00; 0+00 = N. 6.150; SOUND NORTH

DIST SOUND ELEV

0+00

(0.4)

0.2 70.2

0.7 0.3

5.3 4.9

50 8.1 7.7

8.5 8.1

1.35 8.7 8.3

8.7 8.3

9.4 9.0

1+00 9.3 8.9

8.8 8.4

7.1 6.7

8.0 7.6

7.8 7.4

50 8.6 8.2

9.8 9.4

2+00

(50)

STA. W. 161+00; 0+00 = N. 6.070; SOUND NORTH

DIST SOUND ELEV

0+00

(0.4)

0.4 0.0

1.7 1.3

4.5 4.1

50 4.8 4.4

8.3 7.9

1.40 8.8 8.4

9.0 8.6

8.9 8.5

1+00 9.0 8.6

8.3 7.9

8.9 8.5

9.0 8.6

8.4 8.0

50 9.8 9.4

10.8 10.4

2+00

12-18-61

STA. W. 162+00) 0+00 = N. 6.030; SOUND NORTH

DIST SOUND ELEV

0+00

(0.5)

1.2 0.7

1.4 0.9

50 6.7 6.2

8.1 7.6

11.45 8.8 8.3

9.2 8.7

9.7 9.2

1+00 10.1 9.6

9.5 9.0

9.7 9.2

8.8 8.3

8.3 7.8

50 10.0 9.5

10.8 10.3

2+00

(51)

STA. W. 163+00) 0+00 = N. 6.010; SOUND NORTH

DIST SOUND ELEV

0+00

(10.5)

0.0 10.5

1.0 0.5

4.0 3.5

50 7.0 6.5

8.2 7.7

11.50 8.9 8.4

9.1 8.6

8.6 8.1

1+00 8.4 7.9

8.0 7.5

7.9 7.4

9.8 9.3

10.4 9.9

50

2+00

(Contd from P 44) 12-18-61

STA 22+50 P.O.C. 0+00 = 10' OUT

DIST SOUND ELEV

0+00

1.3

0.7 +0.6

1.4 0.1

50 2.3 1.0

2.6 1.3

3:15 2.9 1.6

3.1 1.8

4.0 2.7

1+00 5.5 4.2

7.0 5.7

8.4 7.1

9.6 8.3

10.5 9.2

50 11.2 9.9

2+00

5/18/62

52

X-SECT & SOUNDING OF S. SHORE
AFTER PLACEMENT OF RIP RAP

(CONT. FROM FB 153/79

STA W 125+00 0+00 = 40' N. ⚡

(10.11 TP)
ANCHOR

DIST SOUND ELEV

0+00 11.0 7.6

11.0 7.6

1:30 11.0 7.6

3.6 0.2 11.0 7.6

3.4 5.8 2.4 1+50 11.0 7.6

0+50 7.3 3.9 X-SECT

10.3 6.9 0 9.7 DIRT

10.7 7.3 14 N. 8.7

10.7 7.3 22 N. 4.0

10.9 7.5

1+00 11.0 7.6

STA W 125+50 0+00 = 40' N. ⚡

DIST SOUND ELEV

1+00 10.8 7.4

0+00 11.0 7.6

11.0

11.0

11.0

11.0

1+50 11.0

1:30

5.8 2.4 X-SECT

3.4 6.7 3.3 0 9.4 DIRT

0+50 9.1 5.7 12 N. 8.0

10.2 6.8 20 N. 3.9

10.5 7.1

10.6 7.2

10.7 7.3

R=465.63 (SECTIONS RADIAL)
STA W 126+05 ^{SB} 0+00=40' N. (RADIAL)

| DIST | SOUND | ELEV | | | |
|-------------|-------|------|--------|------|------|
| 0+00 | | | 10.6 | 7.2 | |
| | | | 10.7 | 7.3 | |
| <u>1:35</u> | 0.0 | +3.4 | 10.7 | 7.3 | |
| <u>3.4</u> | 6.8 | 3.4 | 10.7 | 7.3 | |
| | 7.3 | 3.9 | 1+50 | 10.8 | 7.4 |
| 0+50 | 8.6 | 5.2 | | | |
| | 9.6 | 6.2 | X-SECT | | |
| | 10.3 | 6.9 | 0 | 10.1 | DIRT |
| | 10.4 | 7.0 | 10' N | 8.4 | |
| | 10.5 | 7.1 | 18' N | 4.1 | |
| 1+00 | 10.6 | 7.2 | | | |

STA W 126+50 0+00=40' N'LY (RADIAL)

| DIST | SOUND | ELEV | | | |
|-------------|-------|------|--------|------|------|
| 0+00 | | | 11.3 | 8.0 | |
| | | | 11.4 | 8.1 | |
| <u>1:40</u> | 1.6 | +1.7 | 11.5 | 8.2 | |
| <u>3.3</u> | 5.2 | 1.9 | 11.5 | 8.2 | |
| | 7.1 | 3.8 | 1+50 | 11.6 | 8.3 |
| 0+50 | 8.9 | 5.6 | | | |
| | 9.9 | 6.6 | X-SECT | | |
| | 11.0 | 7.7 | 0 | 9.9 | DIRT |
| | 11.1 | 7.8 | 6' N | 8.9 | |
| | 11.1 | 7.8 | 15' N | 4.1 | |
| 1+00 | 11.2 | 7.9 | | | |

STA W. 127+00 0+00=40' (RAD.)

| DIST | SOUND | ELEV | | | |
|-------------|-------|------|--------|------|------|
| 0+00 | | | 11.2 | 7.9 | |
| | | | 11.4 | 8.1 | |
| <u>1:45</u> | 0.7 | +2.6 | 11.4 | 8.1 | |
| <u>3.3</u> | 5.6 | 2.3 | 11.5 | 8.2 | |
| | 6.5 | 3.2 | 1+50 | 11.5 | 8.2 |
| 0+50 | 9.4 | 6.1 | | | |
| | 10.2 | 6.9 | X-SECT | | |
| | 10.7 | 7.4 | 0 | 9.8 | DIRT |
| | 11.2 | 7.9 | 6' N | 9.0 | |
| | 11.1 | 7.8 | 15' N | 4.0 | |
| 1+00 | 11.1 | 7.8 | | | |

STA W. 127+50 0+00=40' RAD

| DIST | SOUND | ELEV | | | |
|-------------|-------|------|--------|------|------|
| 0+00 | | | 11.6 | 8.3 | |
| | | | 11.6 | 8.3 | |
| <u>1:45</u> | | | 11.6 | 8.3 | |
| <u>3.3</u> | 5.3 | 2.0 | 11.8 | 8.5 | |
| | 5.1 | 1.8 | 1+50 | 11.8 | 8.5 |
| 0+50 | 9.0 | 5.7 | | | |
| | 10.7 | 7.4 | X-SECT | | |
| | 11.2 | 7.9 | 0 | 10.1 | DIRT |
| | 11.4 | 8.1 | 7' N | 8.4 | |
| | 11.4 | 8.1 | 16' N | 4.0 | |
| 1+00 | 11.4 | 8.1 | | | |

= STA 7+55.06 PCC (SEE SKETCH PG 153)
 STA W 128 + 18.95 0+00 = ~~1~~ (RADIAL)

| DIST | SOUND | ELEV | | | |
|------------|-------|------|--------|------|------|
| 0+00 | | | 13.0 | 9.8 | |
| | | | 13.0 | 9.8 | |
| 1:50 | 0.3 | +2.9 | 13.0 | 9.8 | |
| <u>3.2</u> | 5.0 | 1.8 | 13.2 | 10.0 | |
| | 6.3 | 3.1 | 1+50 | 13.4 | 10.2 |
| 0+50 | 10.2 | 7.0 | | | |
| | 12.0 | 8.8 | X-SECT | | |
| | 12.4 | 9.2 | 0 | 9.9 | DIRT |
| | 12.8 | 9.6 | 7 N | 8.9 | |
| | 12.8 | 9.6 | 17 N | 4.2 | |
| 1+00 | 12.8 | 9.6 | | | |

STA 7+00 0+00 = ~~1~~ (RADIAL)
 DIST SOUND ELEV

| | | | | | |
|------------|------|-----|--------|------|------|
| 0+00 | | | 12.3 | 9.1 | |
| | | | 12.5 | 9.3 | |
| 1:50 | | | 12.8 | 9.6 | |
| <u>3.2</u> | 5.2 | 2.0 | 12.9 | 9.7 | |
| | 5.8 | 2.6 | 1+50 | 13.0 | 9.8 |
| 0+50 | 7.3 | 4.1 | | | |
| | 9.1 | 5.9 | X-SECT | | |
| | 10.0 | 6.8 | 0 | 10.7 | DIRT |
| | 10.2 | 7.0 | 7 N | 9.2 | |
| | 11.1 | 7.9 | 18 N | 4.0 | |
| 1+00 | 12.0 | 8.8 | | | |

STA 6+50 0+00 = ~~1~~ (RADIAL)

| DIST | SOUND | ELEV | | | |
|------------|-------|------|--------|------|------|
| 0+00 | | | 12.4 | 9.2 | |
| | | | 12.4 | 9.2 | |
| 1:55 | | | 12.9 | 9.7 | |
| <u>3.2</u> | 4.2 | 1.0 | 13.0 | 9.8 | |
| | 6.8 | 3.6 | 1+50 | 13.0 | 9.8 |
| 0+50 | 7.0 | 3.8 | | | |
| | 9.0 | 5.8 | X-SECT | | |
| | 10.2 | 7.0 | 0 | 10.9 | DIRT |
| | 11.4 | 8.2 | 9 N | 9.3 | |
| | 12.0 | 8.8 | 20 N | 4.2 | |
| 1+00 | 12.2 | 9.0 | | | |

STA 6+00 0+00 = ~~1~~ (RADIAL)

| DIST | SOUND | ELEV | | | |
|------------|-------|------|--------|------|-----|
| 0+00 | | | 11.4 | 8.3 | |
| | | | 11.5 | 8.4 | |
| 2:00 | | | 11.6 | 8.5 | |
| <u>3.1</u> | 4.3 | 1.2 | 11.7 | 8.6 | |
| | 7.0 | 3.9 | 1+50 | 11.8 | 8.7 |
| 0+50 | 9.0 | 5.9 | | | |
| | 10.1 | 7.0 | X-SECT | | |
| | 10.8 | 7.7 | 0 | 10.9 | |
| | 11.1 | 8.0 | 12 N | 8.4 | |
| | 11.2 | 8.1 | 21 N | 4.0 | |
| 1+00 | 11.3 | 8.2 | | | |

NOTE: THIS SECT APPROX. END OF R. R. (W 130-)

CROSS SECTIONS & SOUNDINGS NWLY.
 TIERRA DEL FUEGO AFTER COMPLETION
 OF RIP. RAP. W.O. 6473 (F.B. 153, PG. 34)
 FOR ORIG. B/L SEE

NOTE: SEC'S ARE AT 90° TO B/L OR Radial ON G.
 STA. 0+00; 0+00 = 10' OUT FROM B/L

| Sta. | Elev. | Mon. |
|--------|-------|---------|
| B.M. | 12.01 | Pierre |
| 5' 17' | 11.5 | |
| OUT 25 | 4.6 | 100' |
| B.M. | 12.25 | Rad Hub |

STA. 0+50; 0+00 = 30' OUT FROM B/L
 OUT 10' 11.1
 OUT 23' 4.2

STA. 1+00; 0+00 = 30' OUT FROM B/L
 OUT 7' 10.9
 OUT 20' 4.2

STA. 1+50; 0+00 = 30' OUT FROM B/L
 OUT 2' 10.8
 OUT 15' 4.2

STA. 2+00; 0+00 = 20' OUT FROM B/L
 OUT 7' 11.1
 OUT 20' 4.2

6-05-62

(55)

STA. 2+50; 0+00 = 10' OUT FROM B/L
 Sta. Elev.
 OUT 12' 10.5
 OUT 24' 4.2

STA. 2+72.89 = B/L Lt.; 0+00 = 10' OUT FROM B/L
 OUT 6' 10.9
 OUT 19' 4.2

STA. 3+00; 0+00 = 0.0' OUT FROM B/L
 OUT 10' 10.7
 OUT 24' 4.3

STA. 3+50; 0+00 = 0.0' OUT FROM B/L
 OUT 13' 10.8
 OUT 26' 4.1

STA. 4+00; 0+00 = 10' OUT FROM B/L
 OUT 7' 11.1
 OUT 20' 4.2

6-13-62

| STA. 1+00; 0+00 = 30' OUT FROM B/L | | | STA. 2+00; 0+00 = 30' OUT FROM B/L | | |
|------------------------------------|-------|------|------------------------------------|-------|------|
| Dist | Sound | Elev | Dist | Sound | Elev |
| 0+00 | | | (2.1) | 10.2 | 8.1 |
| (2.1) | | | | 11.0 | 8.9 |
| | | | | 11.2 | 9.1 |
| | 2.2 | -0.1 | | 11.7 | 9.6 |
| | 4.8 | 2.7 | 50 | 11.9 | |
| 50 | 5.8 | 3.7 | | 12.0 | |
| | 8.0 | 5.9 | | 11.9 | |
| 2:05 | 8.1 | 6.0 | | 11.9 | |
| | 8.2 | 6.1 | | 12.1 | |
| | 7.9 | 5.8 | 2+00 | 12.4 | |
| 1+00 | 9.1 | 7.0 | | | |

| STA. 1+50; 0+00 = 30' OUT FROM B/L | | | STA. 2+50; 0+00 = 10' OUT FROM B/L | | |
|------------------------------------|-------|------|------------------------------------|-------|------|
| Dist | Sound | Elev | Dist | Sound | Elev |
| 0+00 | | | (2.2) | 11.1 | 8.9 |
| (2.2) | | | | 11.9 | 9.7 |
| | 0.4 | +1.8 | | 11.6 | 9.4 |
| | 4.3 | -2.1 | 50 | 11.5 | 9.3 |
| | 5.1 | 2.9 | | 11.8 | 9.6 |
| 50 | 5.2 | 3.0 | 2:20 | 11.4 | |
| | 7.2 | 5.0 | | 11.3 | |
| 2:15 | 8.1 | 5.9 | | 11.7 | |
| | 8.5 | 6.3 | 2+00 | 11.4 | |
| | 8.8 | 6.6 | | | |
| 1+00 | 10.1 | 7.9 | | | |
| | 10.7 | 8.5 | | | |

(57)

| STA. 2+00; 0+00 = 20' OUT FROM B/L | | | STA. 2+50; 0+00 = 10' OUT FROM B/L | | |
|------------------------------------|-------|------|------------------------------------|-------|------|
| Dist | Sound | Elev | Dist | Sound | Elev |
| 0+00 | | | (2.2) | 9.9 | 7.7 |
| (2.2) | | | | 10.0 | 7.8 |
| | | | | 10.5 | 8.3 |
| | 3.1 | -0.9 | | 10.8 | |
| | 6.0 | 3.8 | 50 | 10.6 | |
| 50 | 6.2 | 4.0 | | 11.0 | |
| | 6.6 | 4.2 | | 11.0 | |
| 2:25 | 7.5 | 5.3 | | 11.5 | |
| | 8.5 | 6.3 | | 11.2 | |
| | 8.8 | 6.6 | 2+00 | 11.2 | |
| 1+00 | 9.3 | 7.1 | | | |

| STA. 2+50; 0+00 = 10' OUT FROM B/L | | | STA. 2+50; 0+00 = 10' OUT FROM B/L | | |
|------------------------------------|-------|------|------------------------------------|-------|------|
| Dist | Sound | Elev | Dist | Sound | Elev |
| 0+00 | | | (2.3) | 9.7 | 7.4 |
| (2.3) | | | | 10.2 | 7.9 |
| | | | | 10.3 | 8.0 |
| | 1.0 | +1.3 | 50 | 10.4 | |
| | 6.0 | -3.7 | | 10.3 | |
| 50 | 6.1 | 3.8 | | 10.4 | |
| | 7.3 | 5.0 | | 10.3 | |
| 2:30 | 7.9 | 5.6 | | 10.6 | |
| | 8.2 | 5.9 | 2+00 | 10.9 | |
| | 8.2 | 5.9 | | | |
| 1+00 | 8.9 | 6.6 | | | |
| | 9.3 | 7.0 | | | |

6-13-62

(58)

STA. 2+72.89 = B.C. 14.0400 = 10' OUT FROM B/L

DIST SOUND ELEV DIST SOUND ELEV

| | | | | | |
|------|-----|-----|------|------|--|
| 0+00 | | | (24) | 10.0 | |
| (24) | | | | 10.1 | |
| | | | | 10.5 | |
| | 4.5 | 2.1 | | 10.5 | |
| | 5.4 | 3.0 | 50 | 10.6 | |
| 50 | 6.1 | 3.7 | | 10.5 | |
| | 6.9 | | | 10.6 | |
| 2:35 | 7.3 | | | 10.5 | |
| | 7.9 | | | 10.7 | |
| | 8.2 | | 2+00 | 10.6 | |
| 1+00 | 9.2 | | | | |

STA. 3+00.0400 = 0.0' OUT FROM B/L

0+00

| | | | | | |
|------|-----|------|------|------|--|
| (24) | | | (24) | 9.7 | |
| | | | | 10.1 | |
| | | | | 10.1 | |
| | 1.0 | +1.4 | 50 | 10.5 | |
| | 4.2 | 1.9 | | 11.0 | |
| 50 | 6.1 | 3.7 | | 10.8 | |
| | 6.6 | 4.2 | | 10.4 | |
| 2:40 | 8.0 | 5.6 | | 10.2 | |
| | 8.7 | 6.3 | 2+00 | 10.3 | |
| | 8.5 | 6.1 | | | |
| 1+00 | 8.2 | 5.8 | | | |
| | 9.5 | 7.1 | | | |

STA. 3+50.0400 = 0.0' OUT FROM B/L

DIST SOUND ELEV DIST SOUND ELEV

| | | | | | |
|------|-----|------|------|------|-----|
| 0+00 | | | (25) | 8.6 | 6.1 |
| (25) | | | | 9.2 | 6.7 |
| | | | | 9.9 | 7.4 |
| | 0.6 | +1.9 | | 9.6 | 7.1 |
| | 5.3 | -2.8 | 50 | 9.9 | 7.4 |
| 50 | 7.2 | 4.7 | | 9.6 | |
| | 7.5 | 5.0 | | 9.8 | |
| 2:45 | 7.9 | 5.4 | | 10.0 | |
| | 8.5 | 6.0 | | 10.0 | |
| | 8.3 | 5.8 | 2+00 | 10.0 | |
| 1+00 | 8.5 | 6.0 | | | |

STA. 4+00.0400 = 10' OUT FROM B/L

0+00

| | | | | | |
|------|-----|------|------|------|-----|
| (25) | | | (25) | 8.9 | 6.4 |
| | | | | 9.1 | 6.6 |
| | | | | 9.7 | 7.2 |
| | 5.0 | -2.5 | 50 | 9.6 | 7.1 |
| | 7.1 | 4.6 | | 10.0 | |
| 50 | 6.9 | 4.4 | | 10.0 | |
| | 6.9 | 4.4 | | 10.0 | |
| 2:50 | 8.0 | 5.5 | | 10.7 | |
| | 8.2 | 5.7 | 2+00 | 10.6 | |
| | 7.5 | 5.0 | | | |
| 1+00 | 8.2 | 5.7 | | | |
| | 8.5 | 6.0 | | | |

6-13-62

| STA. 4+31.90 = EG; OHOO = 20' OUT FROM B/L | | | DIST SOUND ELEV. | | |
|--|------|------|------------------|-----|--|
| 0+00 | | | (26) | 9.2 | |
| (26) | 2.4 | | | 9.5 | |
| | 1.0 | +1.6 | | 9.7 | |
| | 6.2 | 3.6 | | 9.9 | |
| | 6.9 | 4.3 | 50 | 9.9 | |
| 50 | 6.9 | 4.3 | | 9.9 | |
| | 8.1 | | | 9.9 | |
| 2:55 | 10.2 | | | 9.8 | |
| <u> </u> | 10.2 | | | 9.6 | |
| | 8.9 | | 2+00 | 9.7 | |
| 1+00 | 9.5 | | | | |

STA. 4+50; OHOO = 20' OUT FROM B/L.

| STA. 4+50; OHOO = 20' OUT FROM B/L. | | | DIST SOUND ELEV. | | |
|-------------------------------------|-----|------|------------------|------|-----|
| 0+00 | | | (26) | 9.4 | 6.8 |
| (26) | | | | 9.7 | 7.1 |
| | 0.0 | +2.6 | | 9.9 | 7.3 |
| | 5.0 | -2.4 | 50 | 10.0 | |
| | 6.5 | 3.9 | | 10.0 | |
| 50 | 7.0 | 4.4 | | 9.9 | |
| | 7.9 | 5.3 | | 9.8 | |
| 3:00 | 9.0 | 6.4 | | 9.6 | |
| <u> </u> | 9.3 | 6.7 | 2+00 | 9.5 | |
| | 8.8 | 6.2 | | | |
| 1+00 | 8.9 | 6.3 | | | |
| | 9.2 | 6.6 | | | |

(59)

| STA. 5+00; OHOO = 20' OUT FROM B/L | | | DIST SOUND ELEV. | | |
|------------------------------------|-----|------|------------------|------|-----|
| 0+00 | | | (27) | 8.9 | 6.2 |
| (27) | | | | 9.2 | 6.5 |
| | | | | 9.4 | 6.7 |
| | 4.0 | -1.3 | | 9.7 | 7.0 |
| | 4.9 | 2.2 | 50 | 9.7 | 7.1 |
| 50 | 5.5 | 2.8 | | 9.8 | 7.1 |
| 3:05 | 8.2 | 5.5 | | 9.7 | 7.0 |
| <u> </u> | 8.8 | 6.1 | | 9.9 | 7.2 |
| | 8.0 | 5.3 | | 9.7 | |
| | 7.5 | 4.8 | 2+00 | 10.0 | |
| 1+00 | 8.7 | 5.0 | | | |

STA. 5+50; OHOO = 20' OUT FROM B/L.

| STA. 5+50; OHOO = 20' OUT FROM B/L. | | | DIST SOUND ELEV. | | |
|-------------------------------------|------|------|------------------|------|-----|
| 0+00 | | | (28) | 10.0 | 7.2 |
| (28) | | | | 9.7 | 6.9 |
| | | | | 9.8 | 7.0 |
| | 4.5 | -1.7 | 50 | 9.9 | 7.4 |
| | 5.4 | 2.6 | | 9.9 | 7.1 |
| 50 | 6.0 | 3.2 | | 9.9 | 7.1 |
| | 6.5 | 3.7 | | 10.0 | |
| 3:10 | 6.1 | 3.3 | | 10.0 | |
| <u> </u> | 4.6 | 1.8 | 2+00 | 10.2 | |
| | 7.8 | 5.0 | | | |
| 1+00 | 8.6 | 5.8 | | | |
| | 10.2 | 7.4 | | | |

6-13-62

STA. 57+97.34; 0+00 = 10' OUT FROM B/L
Dist Sound Elev Dist Sound Elev

0+00

2.9

9.9

0.2 +2.7

50

1.0 +1.9

1.7 +1.2

2.0 +.9

3:20

2.9 0.0

3.3 -0.4

1+00

8.0

9.7

10.0

10.2

10.0

50

10.2

10.5

10.3

10.6

10.3

2+00

10.5

CROSS SEC'S & SOUNDINGS AFTER
 PLACEMENT OF RIP-RAP S'WLY
 TIERRA DEL FUEGO ISLAND WOBATSI
 & COMPLETION OF REMEDIAL DREDGING
 NOTE: SEC'S ARE TAKEN RADIALY ON CURVES
 & @ 90° TO TANGENTS

SEE F.B. 155-P. 67, FOR REM. DR. SEC'S.

STA. 21+50 ; 0+00 = 10' OUTBOARD

DIST SOUND Elev DIST SOUND Elev

0+00 DRAGLINE CHECK ONLY 10.6 6.2
 11.1 6.7

(4.4) 4.2 +0.2 11.8 7.4
 10.1 5.7 2+00 12.9 8.5

11.0 6.6

50 12.2 7.8

12.5 8.1

10:10 12.5 8.1

12.0 7.6 50

10.6 6.2

1+00 10.2 5.8

10.7 6.3

10.6 6.2

9.7 5.3 3+00

9.3 4.9

50 9.7 5.3

10.3 5.9

CHECK ON DRAGLINE ONLY (6)

6-19-62

STA 20+00 ; 0+00 = 10' OUTBOARD

DIST SOUND Elev DIST SOUND Elev

0+00

(14.4) 4.3 +0.1

9.6 5.2

10.4 6.0

50 12.1 7.7

12.6 8.2

10:15 12.7 8.3

13.2 8.8

11.8 7.4

1+00 11.2 6.8

11.2 6.8

10.8 6.4

9.9 5.5

10.1 5.7

50 10.6 6.2

10.8 6.4

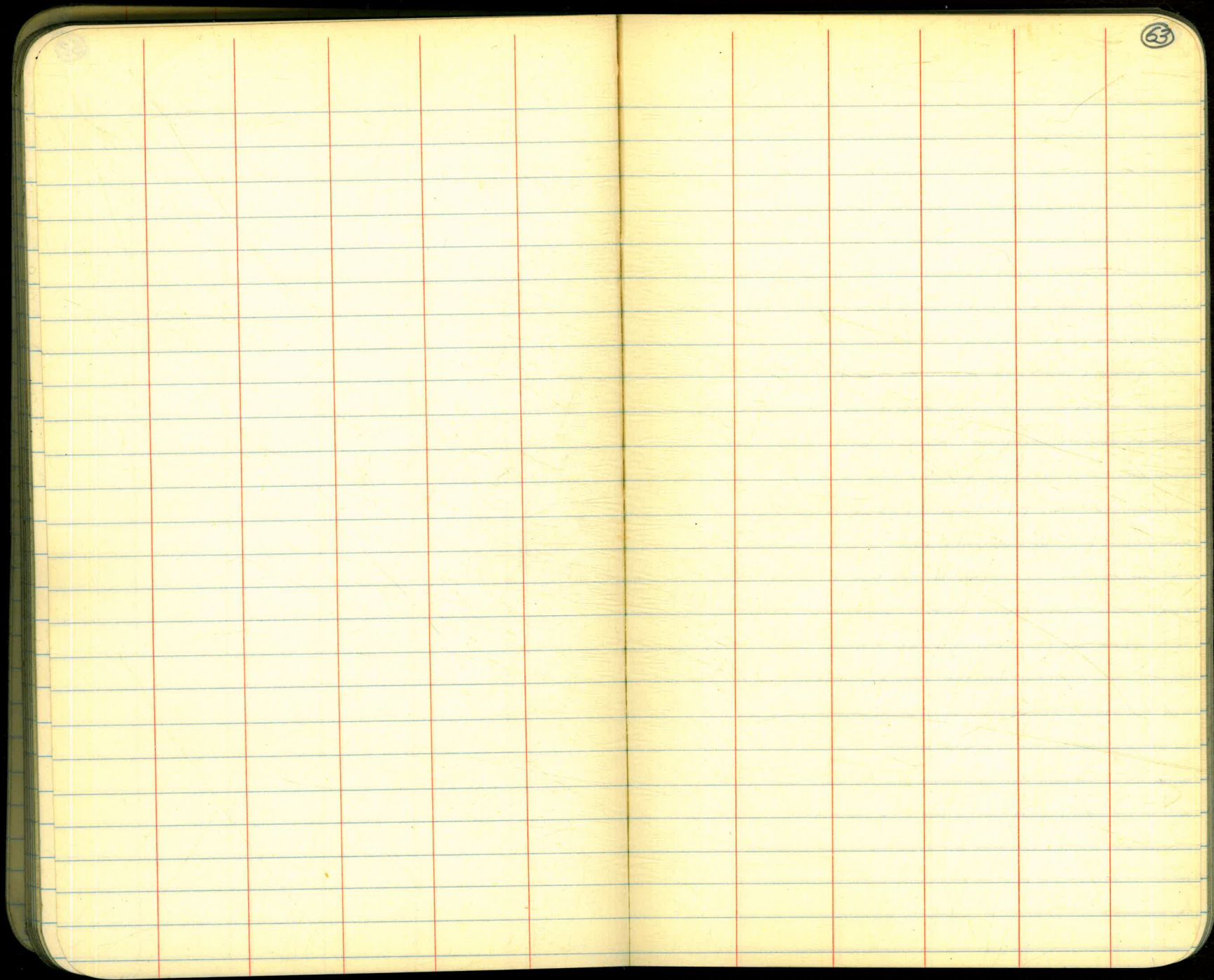
11.9 7.5

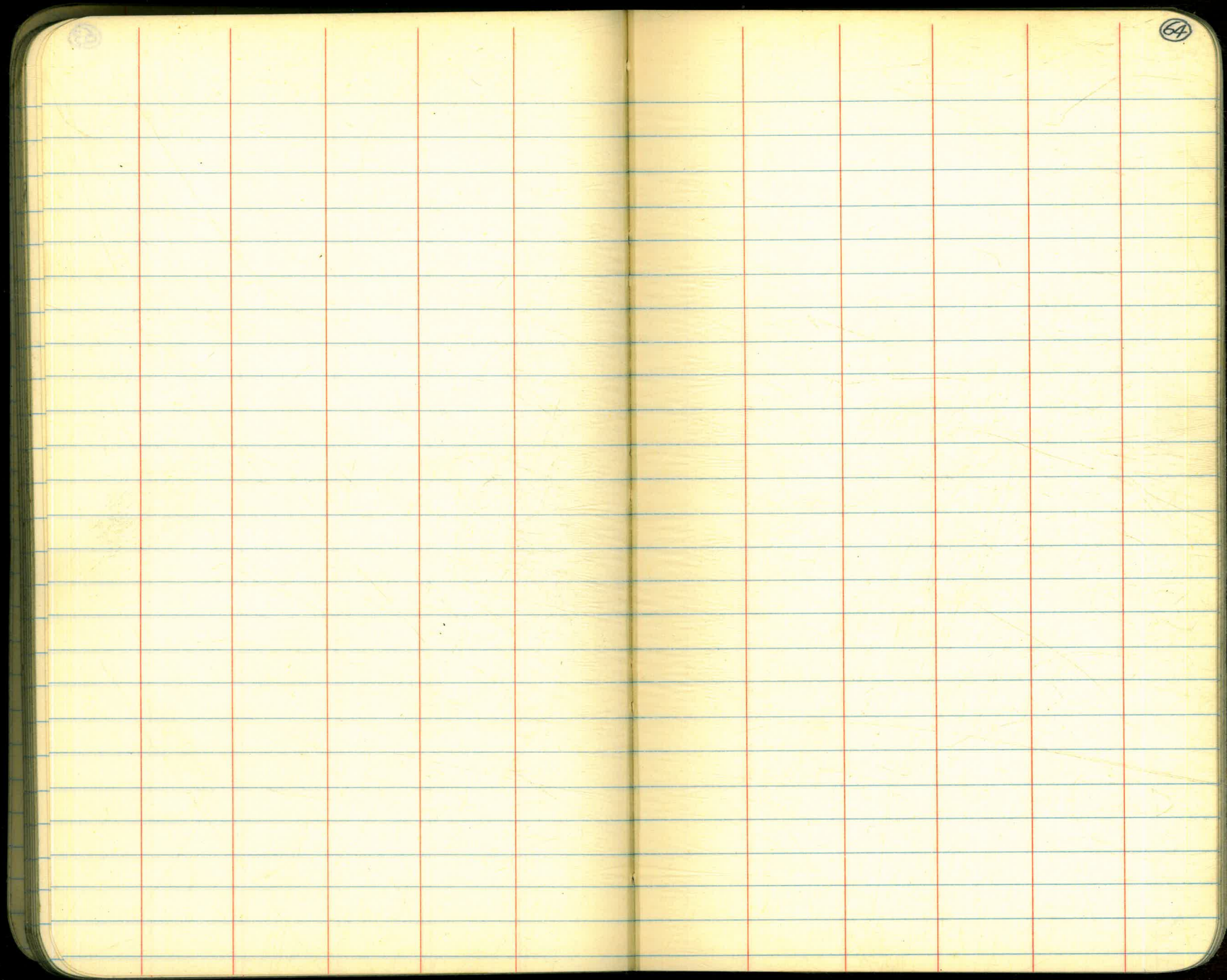
13.1 8.7

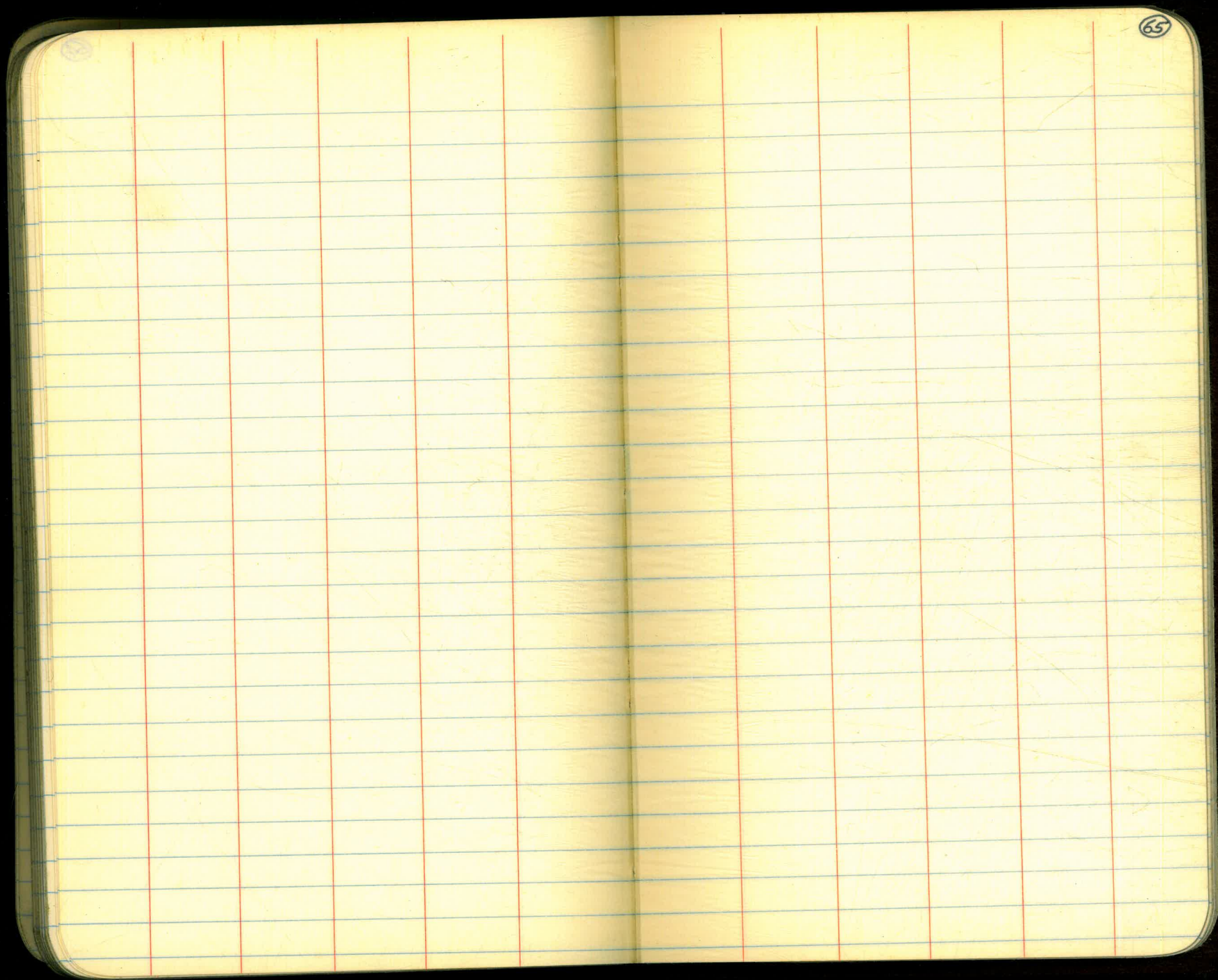
13.3 8.9

2+00 13.5 9.1

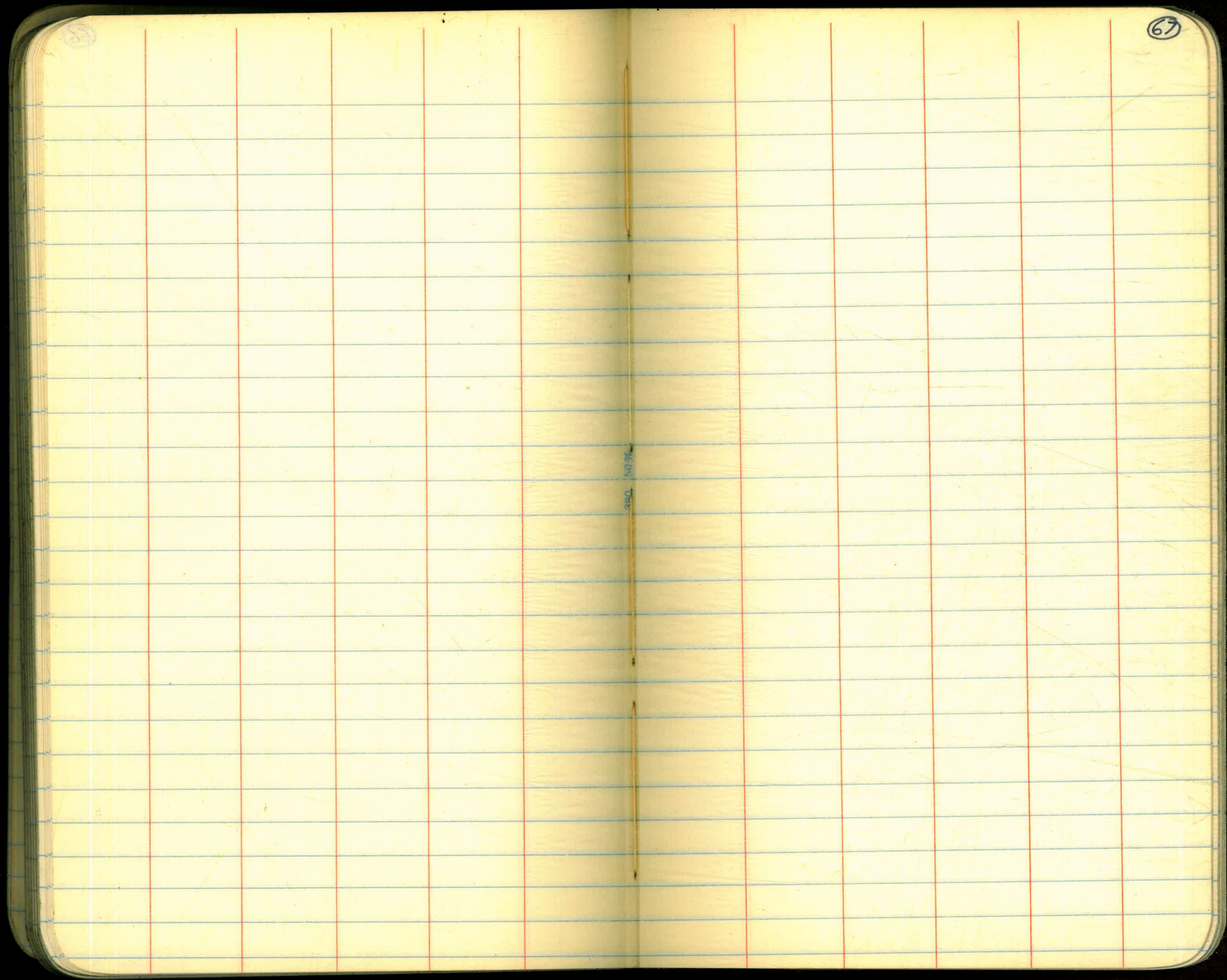
| | | | | | |
|----|----|----|----|----|----|
| 10 | 10 | 10 | 10 | 10 | 10 |
| 11 | 11 | 11 | 11 | 11 | 11 |
| 12 | 12 | 12 | 12 | 12 | 12 |
| 13 | 13 | 13 | 13 | 13 | 13 |
| 14 | 14 | 14 | 14 | 14 | 14 |
| 15 | 15 | 15 | 15 | 15 | 15 |
| 16 | 16 | 16 | 16 | 16 | 16 |
| 17 | 17 | 17 | 17 | 17 | 17 |
| 18 | 18 | 18 | 18 | 18 | 18 |
| 19 | 19 | 19 | 19 | 19 | 19 |
| 20 | 20 | 20 | 20 | 20 | 20 |
| 21 | 21 | 21 | 21 | 21 | 21 |
| 22 | 22 | 22 | 22 | 22 | 22 |
| 23 | 23 | 23 | 23 | 23 | 23 |
| 24 | 24 | 24 | 24 | 24 | 24 |
| 25 | 25 | 25 | 25 | 25 | 25 |
| 26 | 26 | 26 | 26 | 26 | 26 |
| 27 | 27 | 27 | 27 | 27 | 27 |
| 28 | 28 | 28 | 28 | 28 | 28 |
| 29 | 29 | 29 | 29 | 29 | 29 |
| 30 | 30 | 30 | 30 | 30 | 30 |
| 31 | 31 | 31 | 31 | 31 | 31 |
| 32 | 32 | 32 | 32 | 32 | 32 |
| 33 | 33 | 33 | 33 | 33 | 33 |
| 34 | 34 | 34 | 34 | 34 | 34 |
| 35 | 35 | 35 | 35 | 35 | 35 |
| 36 | 36 | 36 | 36 | 36 | 36 |
| 37 | 37 | 37 | 37 | 37 | 37 |
| 38 | 38 | 38 | 38 | 38 | 38 |
| 39 | 39 | 39 | 39 | 39 | 39 |
| 40 | 40 | 40 | 40 | 40 | 40 |
| 41 | 41 | 41 | 41 | 41 | 41 |
| 42 | 42 | 42 | 42 | 42 | 42 |
| 43 | 43 | 43 | 43 | 43 | 43 |
| 44 | 44 | 44 | 44 | 44 | 44 |
| 45 | 45 | 45 | 45 | 45 | 45 |
| 46 | 46 | 46 | 46 | 46 | 46 |
| 47 | 47 | 47 | 47 | 47 | 47 |
| 48 | 48 | 48 | 48 | 48 | 48 |
| 49 | 49 | 49 | 49 | 49 | 49 |
| 50 | 50 | 50 | 50 | 50 | 50 |
| 51 | 51 | 51 | 51 | 51 | 51 |
| 52 | 52 | 52 | 52 | 52 | 52 |
| 53 | 53 | 53 | 53 | 53 | 53 |
| 54 | 54 | 54 | 54 | 54 | 54 |
| 55 | 55 | 55 | 55 | 55 | 55 |
| 56 | 56 | 56 | 56 | 56 | 56 |
| 57 | 57 | 57 | 57 | 57 | 57 |
| 58 | 58 | 58 | 58 | 58 | 58 |
| 59 | 59 | 59 | 59 | 59 | 59 |
| 60 | 60 | 60 | 60 | 60 | 60 |
| 61 | 61 | 61 | 61 | 61 | 61 |
| 62 | 62 | 62 | 62 | 62 | 62 |



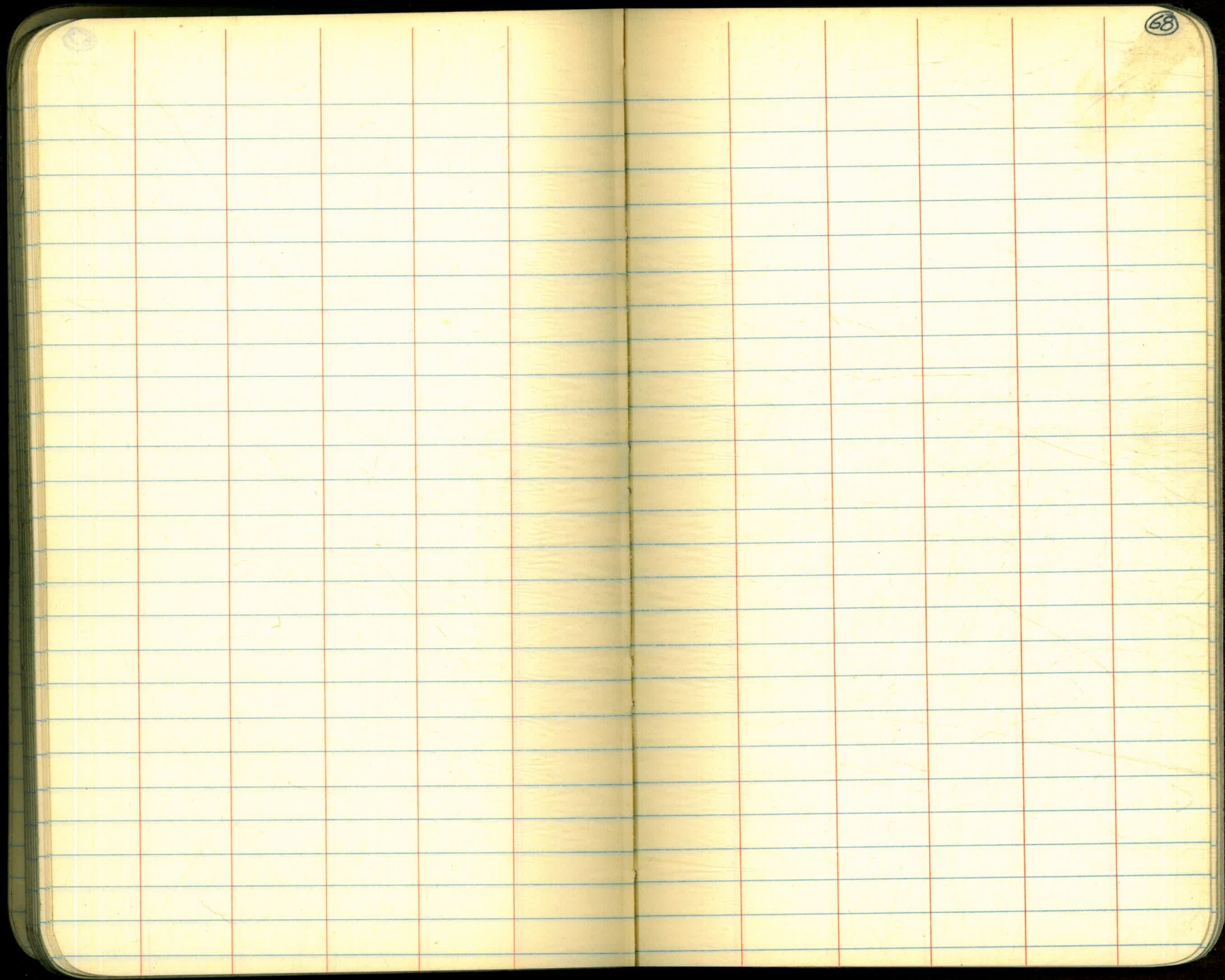




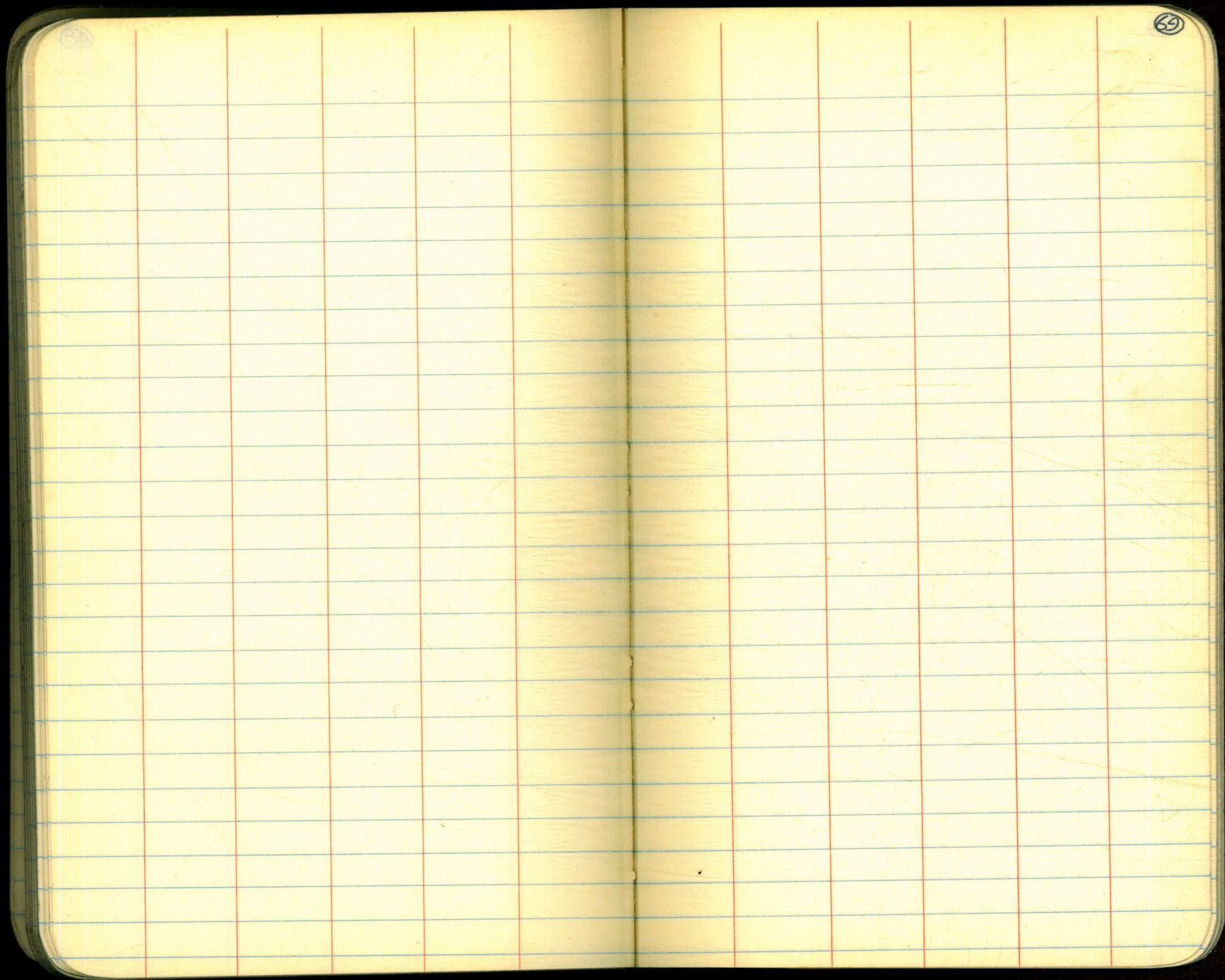
380 5096

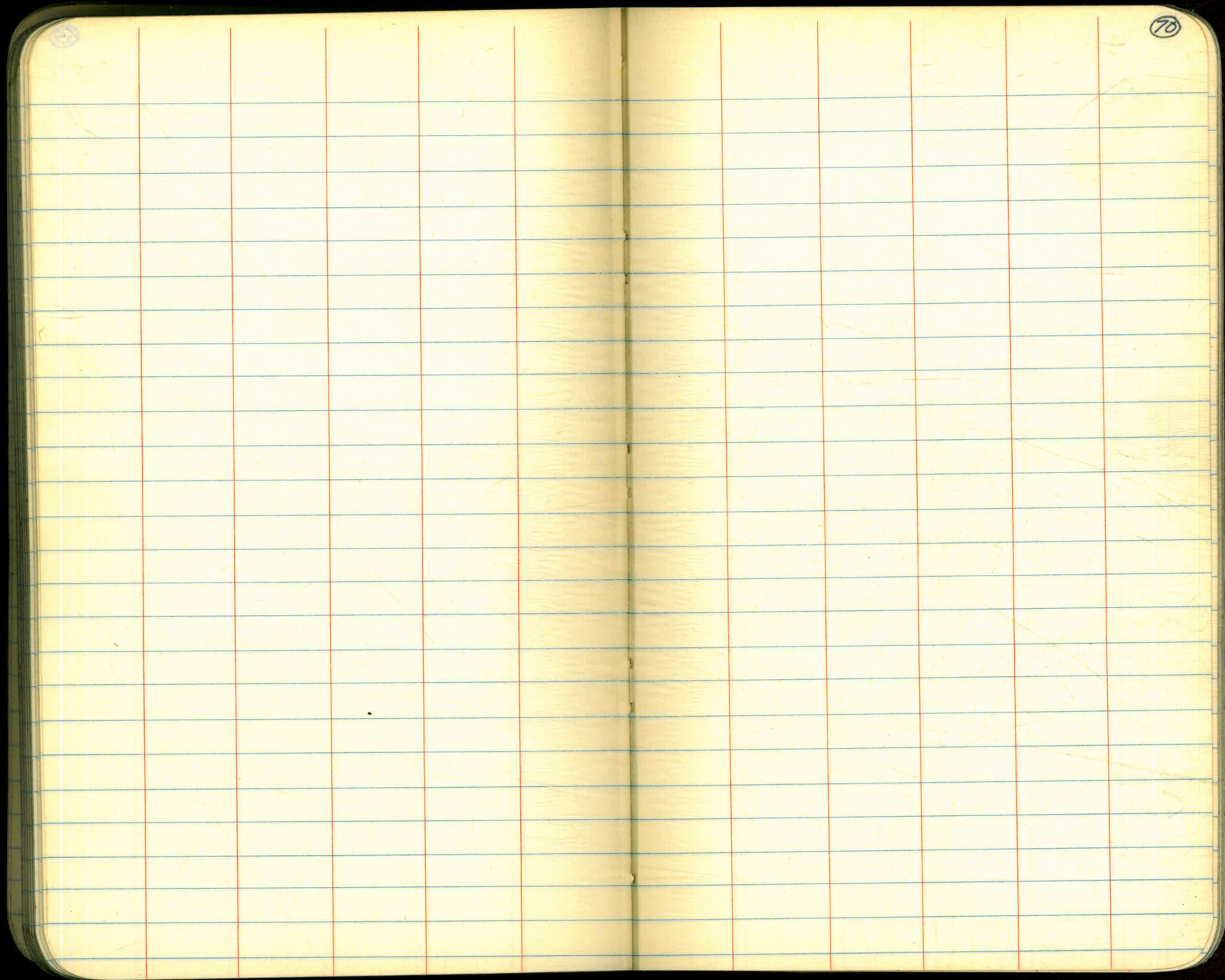


67

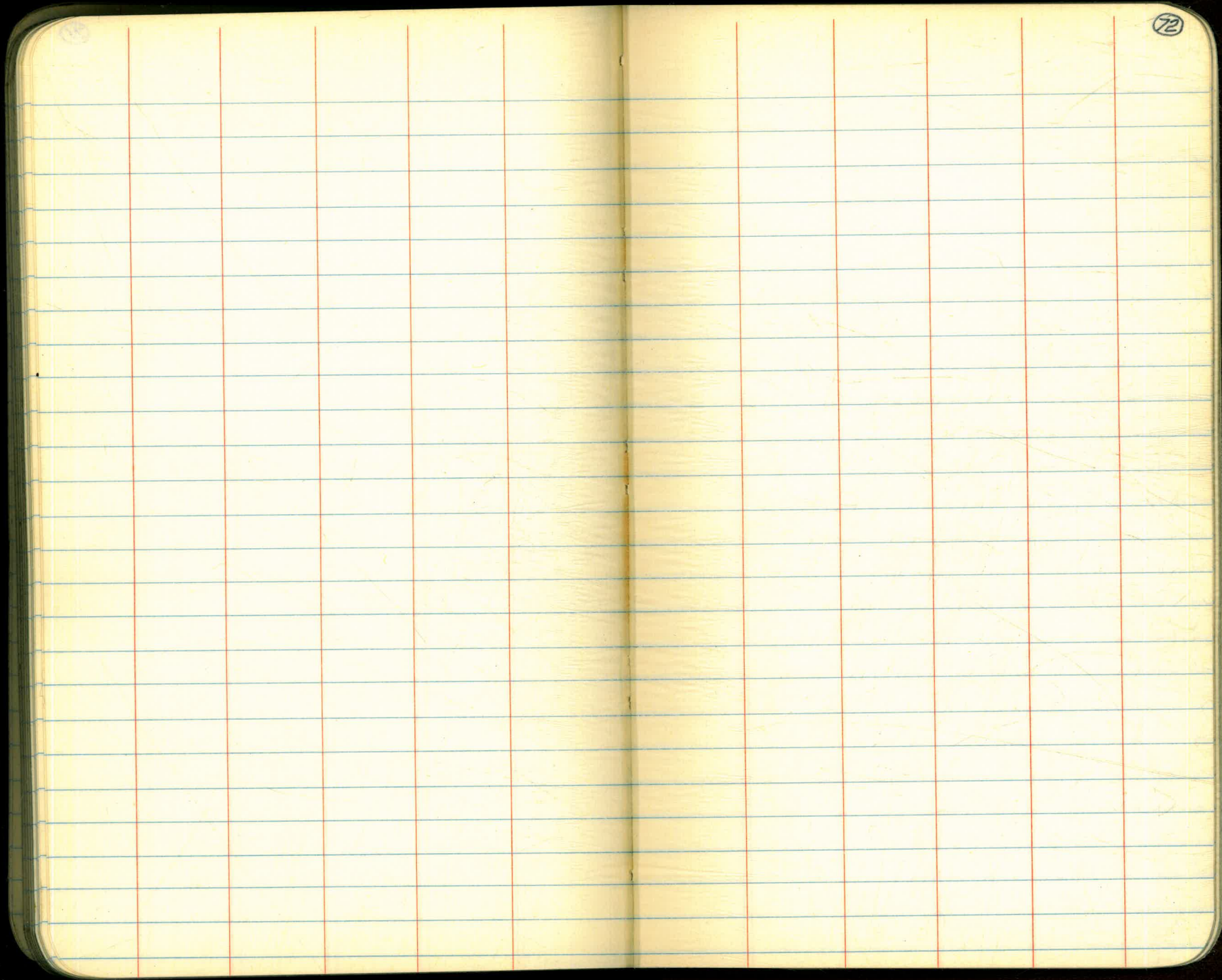


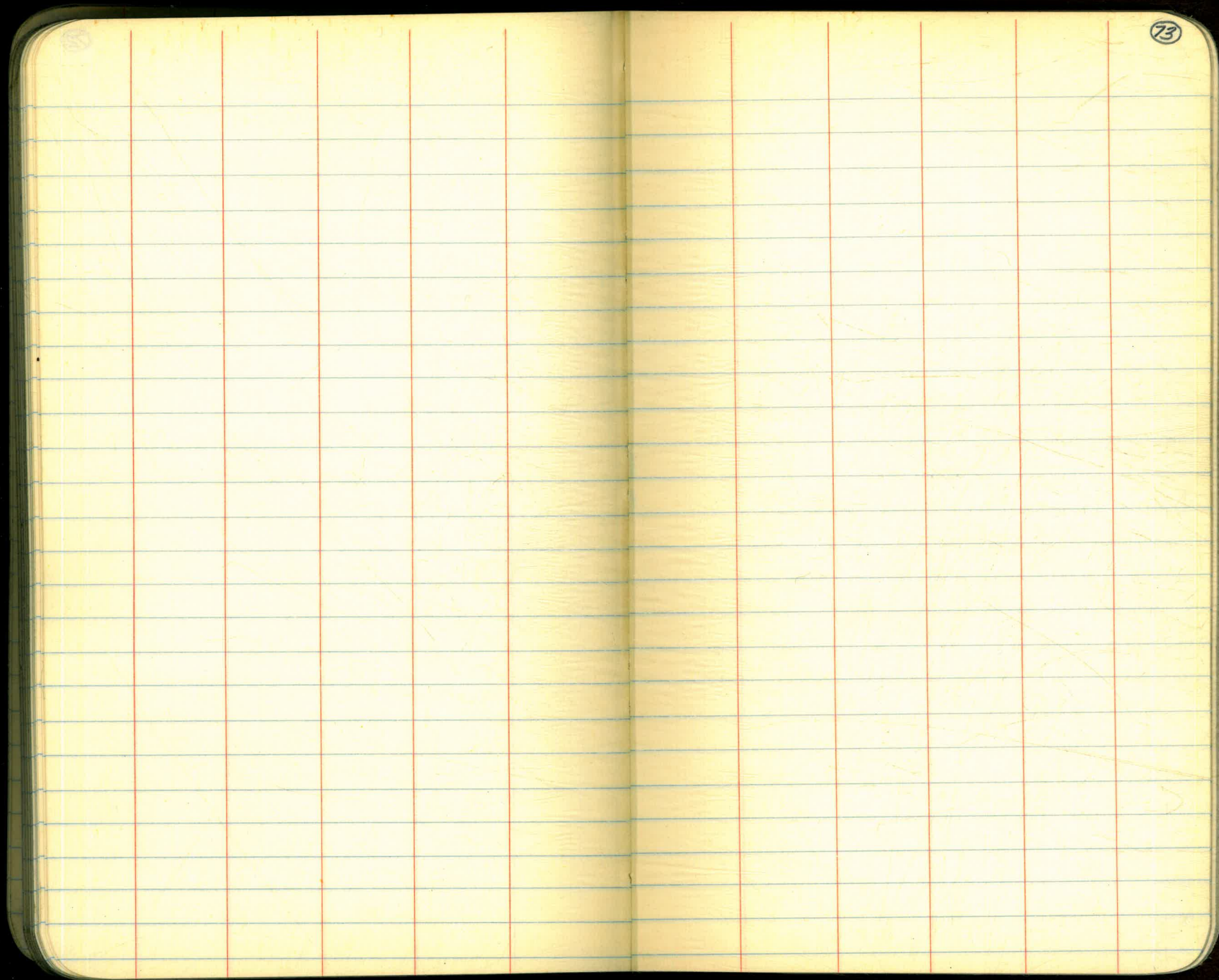
68





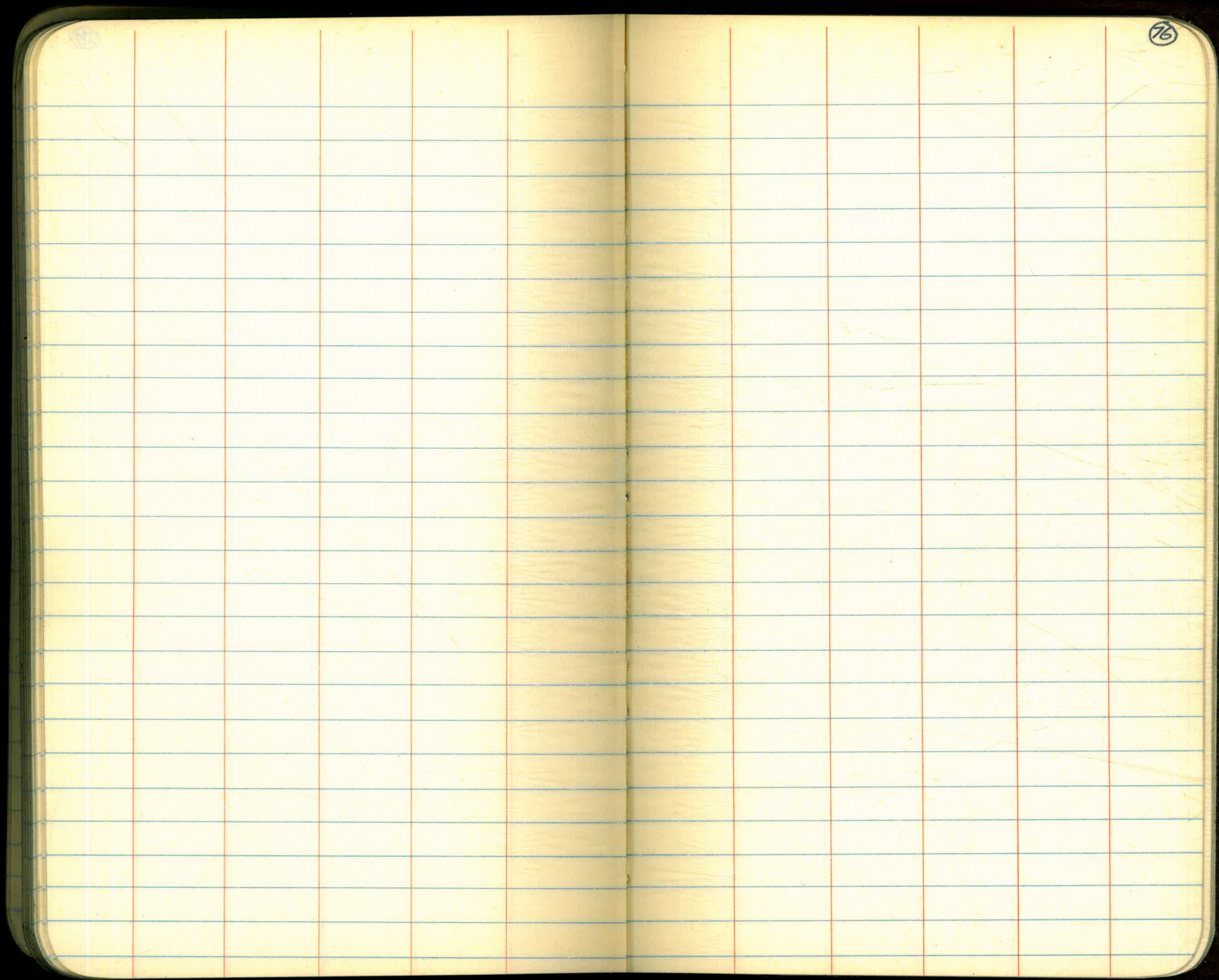
The image shows an open notebook with two facing pages. The pages are cream-colored and feature light blue horizontal ruling. Vertical red lines create margins on both sides of the central gutter. The notebook has rounded corners and a dark cover is visible at the edges. The pages are blank, with no text or drawings. A small circled number '71' is printed in the top right corner of the right page.



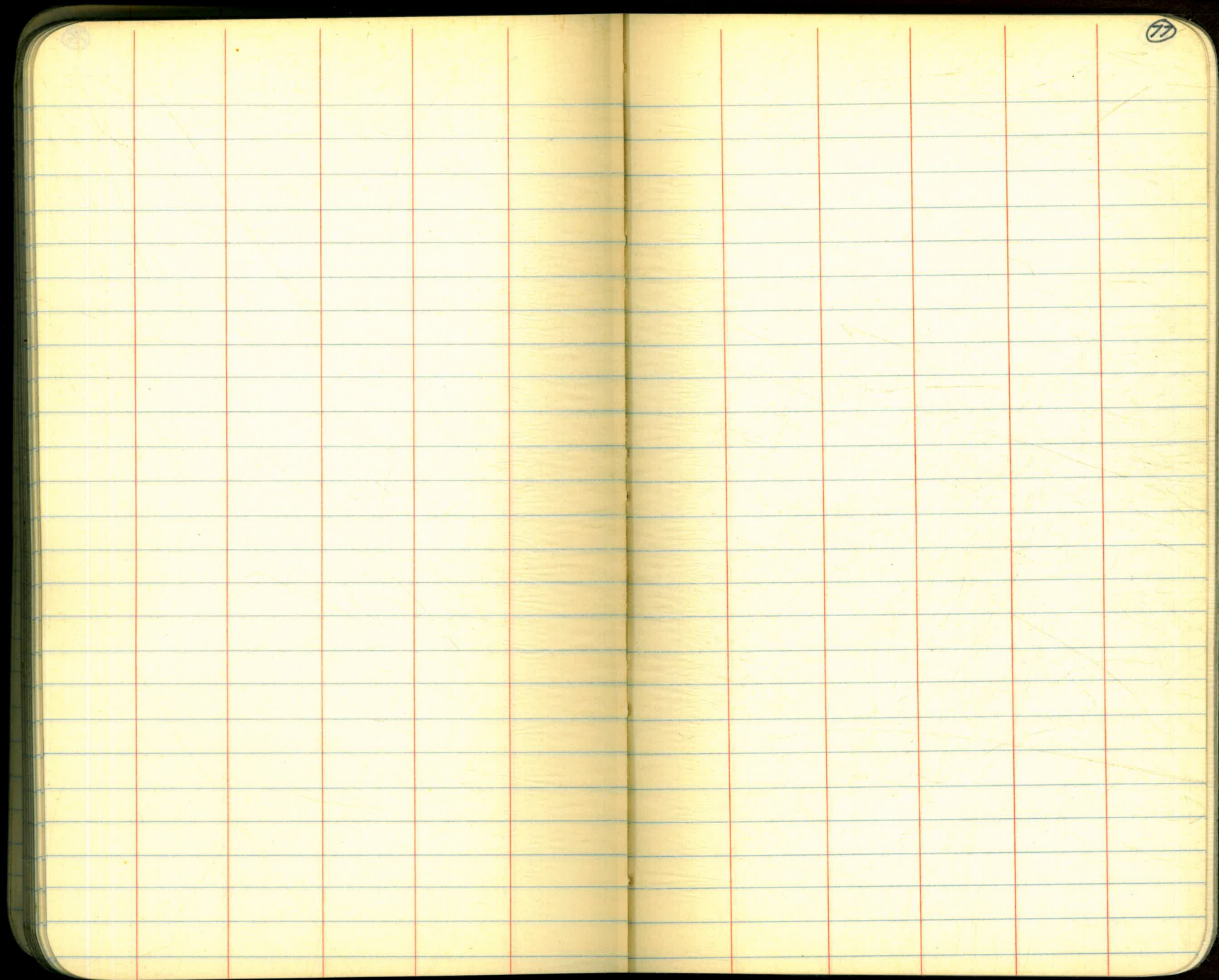


360 50%

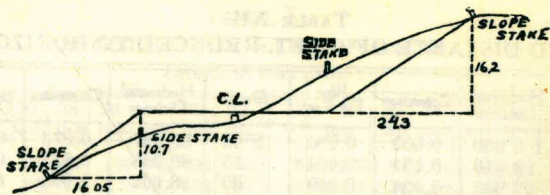
380 50%



76



77



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

| | 0 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 0 | 0 00 | 0 15 | 0 30 | 0 45 | 0 60 | 0 75 | 0 90 | 1 05 | 1 20 | 1 35 | 0 |
| 1 | 1 50 | 1 05 | 1 20 | 1 35 | 1 50 | 1 65 | 1 80 | 1 95 | 2 10 | 2 25 | 1 |
| 2 | 3 00 | 3 15 | 3 30 | 3 45 | 3 60 | 3 75 | 3 90 | 4 05 | 4 20 | 4 35 | 2 |
| 3 | 4 50 | 4 65 | 4 80 | 4 95 | 5 10 | 5 25 | 5 40 | 5 55 | 5 70 | 5 85 | 3 |
| 4 | 6 00 | 6 15 | 6 30 | 6 45 | 6 60 | 6 75 | 6 90 | 7 05 | 7 20 | 7 35 | 4 |
| 5 | 7 50 | 7 65 | 7 80 | 7 95 | 8 10 | 8 25 | 8 40 | 8 55 | 8 70 | 8 85 | 5 |
| 6 | 9 00 | 9 15 | 9 30 | 9 45 | 9 60 | 9 75 | 9 90 | 10 05 | 10 20 | 10 35 | 6 |
| 7 | 10 50 | 10 65 | 10 80 | 10 95 | 11 10 | 11 25 | 11 40 | 11 55 | 11 70 | 11 85 | 7 |
| 8 | 12 00 | 12 15 | 12 30 | 12 45 | 12 60 | 12 75 | 12 90 | 13 05 | 13 20 | 13 35 | 8 |
| 9 | 13 50 | 13 65 | 13 80 | 13 95 | 14 10 | 14 25 | 14 40 | 14 55 | 14 70 | 14 85 | 9 |
| 10 | 15 00 | 15 15 | 15 30 | 15 45 | 15 60 | 15 75 | 15 90 | 16 05 | 16 20 | 16 35 | 10 |
| 11 | 16 50 | 16 65 | 16 80 | 16 95 | 17 10 | 17 25 | 17 40 | 17 55 | 17 70 | 17 85 | 11 |
| 12 | 18 00 | 18 15 | 18 30 | 18 45 | 18 60 | 18 75 | 18 90 | 19 05 | 19 20 | 19 35 | 12 |
| 13 | 19 50 | 19 65 | 19 80 | 19 95 | 20 10 | 20 25 | 20 40 | 20 55 | 20 70 | 20 85 | 13 |
| 14 | 21 00 | 21 15 | 21 30 | 21 45 | 21 60 | 21 75 | 21 90 | 22 05 | 22 20 | 22 35 | 14 |
| 15 | 22 50 | 22 65 | 22 80 | 22 95 | 23 10 | 23 25 | 23 40 | 23 55 | 23 70 | 23 85 | 15 |
| 16 | 24 00 | 24 15 | 24 30 | 24 45 | 24 60 | 24 75 | 24 90 | 25 05 | 25 20 | 25 35 | 16 |
| 17 | 25 50 | 25 65 | 25 80 | 25 95 | 26 10 | 26 25 | 26 40 | 26 55 | 26 70 | 26 85 | 17 |
| 18 | 27 00 | 27 15 | 27 30 | 27 45 | 27 60 | 27 75 | 27 90 | 28 05 | 28 20 | 28 35 | 18 |
| 19 | 28 50 | 28 65 | 28 80 | 28 95 | 29 10 | 29 25 | 29 40 | 29 55 | 29 70 | 29 85 | 19 |
| 20 | 30 00 | 30 15 | 30 30 | 30 45 | 30 60 | 30 75 | 30 90 | 31 05 | 31 20 | 31 35 | 20 |
| 21 | 31 50 | 31 65 | 31 80 | 31 95 | 32 10 | 32 25 | 32 40 | 32 55 | 32 70 | 32 85 | 21 |
| 22 | 33 00 | 33 15 | 33 30 | 33 45 | 33 60 | 33 75 | 33 90 | 34 05 | 34 20 | 34 35 | 22 |
| 23 | 34 50 | 34 65 | 34 80 | 34 95 | 35 10 | 35 25 | 35 40 | 35 55 | 35 70 | 35 85 | 23 |
| 24 | 36 00 | 36 15 | 36 30 | 36 45 | 36 60 | 36 75 | 36 90 | 37 05 | 37 20 | 37 35 | 24 |
| 25 | 37 50 | 37 65 | 37 80 | 37 95 | 38 10 | 38 25 | 38 40 | 38 55 | 38 70 | 38 85 | 25 |
| 26 | 39 00 | 39 15 | 39 30 | 39 45 | 39 60 | 39 75 | 39 90 | 40 05 | 40 20 | 40 35 | 26 |
| 27 | 40 50 | 40 65 | 40 80 | 40 95 | 41 10 | 41 25 | 41 40 | 41 55 | 41 70 | 41 85 | 27 |
| 28 | 42 00 | 42 15 | 42 30 | 42 45 | 42 60 | 42 75 | 42 90 | 43 05 | 43 20 | 43 35 | 28 |
| 29 | 43 50 | 43 65 | 43 80 | 43 95 | 44 10 | 44 25 | 44 40 | 44 55 | 44 70 | 44 85 | 29 |
| 30 | 45 00 | 45 15 | 45 30 | 45 45 | 45 60 | 45 75 | 45 90 | 46 05 | 46 20 | 46 35 | 30 |
| 31 | 46 50 | 46 65 | 46 80 | 46 95 | 47 10 | 47 25 | 47 40 | 47 55 | 47 70 | 47 85 | 31 |
| 32 | 48 00 | 48 15 | 48 30 | 48 45 | 48 60 | 48 75 | 48 90 | 49 05 | 49 20 | 49 35 | 32 |
| 33 | 49 50 | 49 65 | 49 80 | 49 95 | 50 10 | 50 25 | 50 40 | 50 55 | 50 70 | 50 85 | 33 |
| 34 | 51 00 | 51 15 | 51 30 | 51 45 | 51 60 | 51 75 | 51 90 | 52 05 | 52 20 | 52 35 | 34 |
| 35 | 52 50 | 52 65 | 52 80 | 52 95 | 53 10 | 53 25 | 53 40 | 53 55 | 53 70 | 53 85 | 35 |
| 36 | 54 00 | 54 15 | 54 30 | 54 45 | 54 60 | 54 75 | 54 90 | 55 05 | 55 20 | 55 35 | 36 |
| 37 | 55 50 | 55 65 | 55 80 | 55 95 | 56 10 | 56 25 | 56 40 | 56 55 | 56 70 | 56 85 | 37 |
| 38 | 57 00 | 57 15 | 57 30 | 57 45 | 57 60 | 57 75 | 57 90 | 58 05 | 58 20 | 58 35 | 38 |
| 39 | 58 50 | 58 65 | 58 80 | 58 95 | 59 10 | 59 25 | 59 40 | 59 55 | 59 70 | 59 85 | 39 |
| 40 | 60 00 | 60 15 | 60 30 | 60 45 | 60 60 | 60 75 | 60 90 | 61 05 | 61 20 | 61 35 | 40 |
| 41 | 61 50 | 61 65 | 61 80 | 61 95 | 62 10 | 62 25 | 62 40 | 62 55 | 62 70 | 62 85 | 41 |
| 42 | 63 00 | 63 15 | 63 30 | 63 45 | 63 60 | 63 75 | 63 90 | 64 05 | 64 20 | 64 35 | 42 |
| 43 | 64 50 | 64 65 | 64 80 | 64 95 | 65 10 | 65 25 | 65 40 | 65 55 | 65 70 | 65 85 | 43 |
| 44 | 66 00 | 66 15 | 66 30 | 66 45 | 66 60 | 66 75 | 66 90 | 67 05 | 67 20 | 67 35 | 44 |
| 45 | 67 50 | 67 65 | 67 80 | 67 95 | 68 10 | 68 25 | 68 40 | 68 55 | 68 70 | 68 85 | 45 |
| 46 | 69 00 | 69 15 | 69 30 | 69 45 | 69 60 | 69 75 | 69 90 | 70 05 | 70 20 | 70 35 | 46 |
| 47 | 70 50 | 70 65 | 70 80 | 70 95 | 71 10 | 71 25 | 71 40 | 71 55 | 71 70 | 71 85 | 47 |
| 48 | 72 00 | 72 15 | 72 30 | 72 45 | 72 60 | 72 75 | 72 90 | 73 05 | 73 20 | 73 35 | 48 |
| 49 | 73 50 | 73 65 | 73 80 | 73 95 | 74 10 | 74 25 | 74 40 | 74 55 | 74 70 | 74 85 | 49 |
| 50 | 75 00 | 75 15 | 75 30 | 75 45 | 75 60 | 75 75 | 75 90 | 76 05 | 76 20 | 76 35 | 50 |

Computed by L. Leland Locke.

372.8
50.0

12.8

49.70

20

29.7

437.4

20

17.4

405.08

51.7

10

41.7

819.4

770

49.4

787.1

10

47.1

N81-48.6'E ✓

N8050-40.9'E ✓

N80-43.2'E ✓

N7950-45.5'E ✓

N79-47.8'E ✓

N7850-40.1'E ✓

N78-42.5'E ✓

N7750-44.8'E ✓

N77-47.1'E ✓

N7650-49.4'E

N76-47.7'E

N8350-12.8'E

N83-5.1'E

N8250-17.4'E

N82-29.7'E

N8150-62'-E

532

470

62'

27.6
14.1
41.7

