

020489

ASH GROUP CLAIMS
PETER TEGART

The paper in this book is made
of 50% high grade rag stock with
a WATER RESISTING surface sizing.

Electromagnetic Survey
Atlas Explorations

- New books "Hurrah"

June 12 1966 - water too high to cross Pierre Creek - copy notes from June 2 ≠ June 9 - rained last night

DIFFERENCE :

NOTES	Sta	Hi	Lo	Hi	Lo	Hi	Lo
ON				✓			✓
EAST	31 $\frac{1}{2}$	-10	-10	+10	+10	0	0
	32 $\frac{1}{2}$	-5	-3	+2	+2	-3	-1
	33 $\frac{1}{2}$	-5	-4	0	6	-5	-4
	34 $\frac{1}{2}$	-5	-5	-2	0	-7	-5
	35 $\frac{1}{2}$	-5	-5	0	0	-5	-5
	36 $\frac{1}{2}$	-3	-2	0	0	-3	-2
	37 $\frac{1}{2}$	-2	-2	0	0	-2	-2
	38 $\frac{1}{2}$	0	0	0	0	0	0
	39 $\frac{1}{2}$	-5	-5	0	0	-5	-5
	40 $\frac{1}{2}$	-10	-10	+4	+5	-6	-5
	41 $\frac{1}{2}$	-10	-10	+6	+6	-4	-4
	42 $\frac{1}{2}$	-10	-10	+8	+8	-2	-2
	43 $\frac{1}{2}$	-13	-13	+10	+10	-3	-3
	44 $\frac{1}{2}$	-13	-13	+12	+10	-1	-3
	45 $\frac{1}{2}$	-12	-12	+12	+10	0	-2
4E				✓			
	45 $\frac{1}{2}$						✓
	44 $\frac{1}{2}$	-17	-17	+14	+14	-3	-3
	43 $\frac{1}{2}$	-15	-14	+14	+14	-1	0

DIFFERENCE

Sta	Hi	Lo	Hi	Lo	Hi	Lo
42 $\frac{1}{2}$	-13	-13	+12	+12	-1	-1
41 $\frac{1}{2}$	-13	-13	+12	+12	-1	-1
40 $\frac{1}{2}$	-5	-5	+12	+12	+7	+7
39 $\frac{1}{2}$	-5	-5	+4	+4	-1	-1
38 $\frac{1}{2}$	0	0	+2	+2	+2	+2
37 $\frac{1}{2}$	-10	-10	-2	-2	-12	-12
36 $\frac{1}{2}$	-7	-7	+8	+8	+1	+1
35 $\frac{1}{2}$	-7	-7	+4	+4	-3	-3
34 $\frac{1}{2}$	-5	-5	+3	+3	-2	-2
33 $\frac{1}{2}$	-5	-5	+2	+2	-3	-3
32 $\frac{1}{2}$	-5	-5	+2	+2	-3	-3
31 $\frac{1}{2}$	-12	-12	+4	+4	-8	-8
30 $\frac{1}{2}$	-10	-10	+9	+9	-1	-1
29 $\frac{1}{2}$	-8	-7	+8	+8	0	+1
28 $\frac{1}{2}$	-5	-5	+4	-2	-9	-7
27 $\frac{1}{2}$	+2	+2	-6	-6	-4	-4

BASE 2 No. (81)

LINE

52 $\frac{1}{2}$	+3	+5	-14	-12	-11	+7
53 $\frac{1}{2}$	+5	+8	-14	-13	-9	-5
54 $\frac{1}{2}$	+2	+5	-14	-12	-12	-7
55 $\frac{1}{2}$	+2	+7	-16	-12	-14	-5
56 $\frac{1}{2}$	+2	+6	-17	-12	-15	-6
57 $\frac{1}{2}$	+3	+7	-16	-12	-13	-5

				<div style="display: flex; justify-content: space-around;"> ✓ ✓ </div> <u>DIFFERENCE</u> HI LO		
58½	+2	+5	-14	-12	-12	-7
59½	+2	+4	-18	-14	-16	-10
60½	+5	+7	-14	-14	-9	-7
61½	+2	+8	-20	-14	-18	-6
62½	0	+5	-18	-14	-18	-9
63½	0	+7	-16	-13	-16	-6
64½	0	+4	-14	-12	-14	-8
65½	+4	+6	-14	-12	-10	-6
66½	+5	+7	-14	-12	-9	-5
67½	+7	+9	-12	-12	-5	-3
68½	+6	+7	-12	-10	-6	-3
69½	+6	+7	-13	-10	-7	-3
70½	+8	+8	-12	-10	-4	-2
71½	+7	+6	-11	-11	-4	-5
72½	+9	+10	-10	-10	-1	0
73½	+9	+9	-11	-11	-2	-2
74½	+7	+7	-8	-9	-1	-2
75½	+7	+7	-9	-9	-2	-2
76½	+7	+7	-9	-9	-2	-2
77½	+6	+6	-8	-8	-2	-2
78½	+7	+7	-9	-9	-2	-2
79½	+2	+3	-6	-6	-4	-3
80½	+1	+1	-6	-6	-5	-5
81½	+1	+2	-6	-6	-5	-4
82½	+6	+6	-6	-6	0	-0

✓
DIFFERENCE

				H1	L0
83½	+6	+6	-6	0	0
84½	+6	+6	-6	0	0
85½	+4	+4	-4	0	-2
86½	+1	+1	-4	-6	-5
87½	+1	0	-4	-4	-4
88½	0	0	-4	-4	-4
89½	0	0	-4	-4	-4
90½	0	0	-4	-4	-4

SL2	H1	L0	H1	L0	H1	L0
56W			✓			
8½	+5	+5	-10	-9	-5	-4
7½	+7	+9	-10	-10	-3	-1
6½	+5	+7	-7	-10	-2	-3
5½	+6	+6	-10	-10	-4	-4
4½	+6	+6	-14	-10	-8	-4
3½	+2	+4	-14	-11	-12	-7
2½	+4	+4	-8	-9	-4	-5
1½	+2	+4	-14	-10	-12	-6
½	+2	+4	-14	-11	-12	-7

60W					
½	+3	+8	-14	-12	-11
1½	+5	+9	-16	-12	-11
2½	+8	+10	-16	-11	-8

						DIFFERENCE	
						H1	20
$3\frac{1}{2}$	+7	+9	-16	-12	-9		-3
$4\frac{1}{2}$	+8	+8	-16	-14	-8		-6
$5\frac{1}{2}$	+5	+8	-13	-13	-8		-5
$6\frac{1}{2}$	+6	+7	-13	-13	-7		-6
$7\frac{1}{2}$	+8	+10	-10	-10	-2		0

Notes copied from June 9

64W						✓
$\frac{1}{2}$	0	0	-8	-8	-8	-8
$1\frac{1}{2}$	0	0	-14	-12	-14	-12
$2\frac{1}{2}$	+6	+8	-14	-12	-8	-4
$3\frac{1}{2}$	+5	+5	-14	-12	-9	-7
$4\frac{1}{2}$	+6	+6	-14	-12	-8	-6
$5\frac{1}{2}$	+5	+5	-10	-10	-5	-5
$6\frac{1}{2}$	+5	+5	-10	-10	-5	-5
$7\frac{1}{2}$	+7	+7	-12	-12	-5	-5
$8\frac{1}{2}$	+7	+7	-10	-10	-3	-3
$9\frac{1}{2}$	+7	+7	-10	-10	-3	-3
$10\frac{1}{2}$	+7	+8	-10	-10	-3	-2
$11\frac{1}{2}$	+8	+10	-12	-12	-4	-2
$12\frac{1}{2}$	+8	+10	-10	-10	-2	0
$13\frac{1}{2}$	+12	+11	-11	-11	+1	0
$14\frac{1}{2}$	+8	+8	-11	-11	-3	-3
$15\frac{1}{2}$	+7	+7	-11	-11	-4	-4
$16\frac{1}{2}$	+6	+6	-10	-10	-4	-4

DIFFERENCE

32

H1

L0

17 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
18 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3 ✓
19 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
20 $\frac{1}{2}$	+7		+8	-10		-10	-3	-2
21 $\frac{1}{2}$	+7		+8	-10		-10	-3	-2
22 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
68W								
25 $\frac{1}{2}$	+5		+5	-10		-10	-5	-5 ✓
24 $\frac{1}{2}$	+6		+6	-10		-10	-4	-4
23 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
22 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
21 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
20 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
19 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
18 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
17 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
16 $\frac{1}{2}$	+7		+8	-10		-10	-3	-2
15 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
14 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
13 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
12 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
11 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
10 $\frac{1}{2}$	+7		+7	-10		-10	-3	-3
9 $\frac{1}{2}$	+7		+7	-12		-12	-5	-5

						DIFFERENCE	
						HI.	LO ✓
$8\frac{1}{2}$	+7	+1	-11	-11	-4	-4	
$7\frac{1}{2}$	+7	+7	-9	-9	-2	-2	
$6\frac{1}{2}$	+7	+7	-12	-11	-5	-4	
$5\frac{1}{2}$	+7	+7	-13	-12	-6	-5	
$4\frac{1}{2}$	+7	+7	-10	-10	-3	-3	
$3\frac{1}{2}$	+7	+7	-10	-10	-3	-3	
$2\frac{1}{2}$	+7	+7	-10	-10	-3	-3	
$1\frac{1}{2}$	+7	+7	-10	-10	-3	-3	
$\frac{1}{2}$	+7	+7	-10	-10	-3	-3	
72 E				✓			✓
$2\frac{1}{2}$	+6	+6	-10	-10	-4	-4	
$1\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
72 W				✓			✓
$\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$1\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$2\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$3\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$4\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$5\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$6\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$7\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$8\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$9\frac{1}{2}$	+5	+5	-10	-10	-5	-5	

DIFFERENCE

	✓				
				H1	L0
10½ +5	15	-10	-10	-5	-5
11½ +5	+5	-10	-10	-5	-5
12½ +5	+5	-10	-10	-5	-5
13½ +5	+5	-10	-10	-5	-5
14½ +5	+5	-10	-10	-5	-5
15½ +5	+5	-10	-10	-5	-5
16½ +5	+5	-10	-10	-5	-5
17½ +5	+5	-10	-10	-5	-5
18½ +5	+5	-10	-10	-5	-5
19½ +5	+5	-10	-10	-5	-5
20½ +5	+5	-10	-10	-5	-5
21½ +5	+5	-10	-10	-5	-5
22½ +5	+5	-10	-10	-5	-5
23½ +6	+6	-10	-10	-4	-4

	✓				
				H1	L0
76W					
19½ +5	+5	-10	-10	-5	-5
18½ +5	+5	-10	-10	-5	-5
17½ +5	+5	-10	-10	-5	-5
16½ +5	+5	-8	-8	-3	-3
15½ +5	+5	-8	-8	-3	-3
14½ +5	+5	-10	-10	-5	-5
13½ +5	+5	-10	-10	-5	-5
12½ +5	+5	-10	-10	-5	-5
11½ +8	+8	-12	-12	-4	-4

						<u>DIFFERENCE</u>	
$10\frac{1}{2}$	+5	15	-10	-10	-5	-5	
$9\frac{1}{2}$	+5	15	-10	-10	-5	-5	
$8\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$7\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$6\frac{1}{2}$	+5	15	-10	-10	-5	-5	
$5\frac{1}{2}$	+5	15	-9	-9	-4	-4	
$4\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$3\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$2\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$1\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$1\frac{1}{2}$	+5	+5	-8	-8	-3	-3	✓

<u>76E</u>							
$\frac{1}{2}$	+5	+5	-8	-8	-3	-3	✓
$1\frac{1}{2}$	+5	+5	-8	-8	-3	-3	
$2\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$3\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$4\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$5\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$6\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$7\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$8\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$9\frac{1}{2}$	+5	+5	-10	-10	-5	-5	
$10\frac{1}{2}$	+5	+5	-9	-10	-4	-5	
$11\frac{1}{2}$	+5	+5	-10	-10	-5	-5	

DIFFERENCE

$12\frac{1}{2}$	+5	15	-10	-10	-5	-5
$13\frac{1}{2}$	+5	15	-10	-10	-5	-5
80E		✓				✓
$12\frac{1}{2}$	+6	+6	-12	-12	-6	-6
$11\frac{1}{2}$	+6	+6	-12	-12	-6	-6
$10\frac{1}{2}$	+6	+6	-12	-12	-6	-6
$9\frac{1}{2}$	+6	+6	-12	-12	-6	-6
$8\frac{1}{2}$	+6	+6	-12	-12	-6	-6
$7\frac{1}{2}$	+6	+6	-12	-12	-6	-6
$6\frac{1}{2}$	+6	+6	-12	-12	-6	-6
$5\frac{1}{2}$	+6	+6	-12	-12	-6	-6
$4\frac{1}{2}$	+6	+6	-8	-8	-2	-2
$3\frac{1}{2}$	+6	+6	-7	-7	-1	-1
$2\frac{1}{2}$	+5	15	-4	-4	+1	+1
$1\frac{1}{2}$	+5	15	-6	-6	-1	-1
$1/2$	+5	15	-10	-10	-5	-4

June 13 1966 - rained

staked claims. - J. Etsel

- P. Nielson

- saw limping caribou

June 14 1966 - overcast

staked claims - J. Etsel

- M. Ladue

June 15, 1966 - sunny

80W	H1	LO	H1	LO	DIFFERENCE	
1 $\frac{1}{2}$	+11	+11	-8	-8	+3	+3
1 $\frac{1}{2}$	+12	+12	-8	-10	+4	+4
2 $\frac{1}{2}$	+9	+9	-10	-10	-1	-1
3 $\frac{1}{2}$	+8	+10	-8	-10	0	0
4 $\frac{1}{2}$	+9	+9	-10	-10	-1	-1
5 $\frac{1}{2}$	+10	+8	-10	-10	0	-2
6 $\frac{1}{2}$	+9	+7	-8	-8	+1	-1
7 $\frac{1}{2}$	+9	+7	-8	-8	+1	-1
8 $\frac{1}{2}$	+9	+7	-10	-10	-1	-3
9 $\frac{1}{2}$	+8	+7	-8	-8	0	-1
10 $\frac{1}{2}$	+7	+7	-10	-10	-3	-3
11 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
12 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
13 $\frac{1}{2}$	+6	+6	-12	-10	-6	-4
14 $\frac{1}{2}$	+7	+7	-6	-8	+1	-1
15 $\frac{1}{2}$	+8	+7	-8	-8	0	-1
16 $\frac{1}{2}$	+6	+6	-12	-10	-6	-4
17 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
18 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
19 $\frac{1}{2}$	+8	+7	-10	-10	-2	-3
20 $\frac{1}{2}$	+9	+8	-12	-12	-3	-4
21 $\frac{1}{2}$	+7	+6	-10	-10	-3	-4
22 $\frac{1}{2}$	+7	+7	-10	-10	-3	-3
23 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4

Diff
H1 L0

24 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
25 $\frac{1}{2}$	+6	+6	-8	-8	-2	-2
26 $\frac{1}{2}$	+6	+6	-10	-8	-4	-2
84						
22 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
21 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
20 $\frac{1}{2}$	+10	+6	-10	-6	0	0
19 $\frac{1}{2}$	+9	+8	-12	-12	-3	-9
18 $\frac{1}{2}$	+11	+11	-14	-14	-3	-3
17 $\frac{1}{2}$	+9	+9	-12	-12	-3	-3
16 $\frac{1}{2}$	+8	+8	-10	-10	-2	-2
15 $\frac{1}{2}$	+3	+3	-6	-8	-3	-3
14 $\frac{1}{2}$	+1	+1	-6	-6	-5	-3
13 $\frac{1}{2}$	+1	+1	-8	-6	-7	-5
13 $\frac{1}{2}$	+4	+4	-8	-8	-4	-4
11 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
10 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
9 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
8 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
7 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
6 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
5 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
4 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
3 $\frac{1}{2}$	+7	+7	-12	-10	-5	-3

					Hi	Lo
$2\frac{1}{2}$	+8	+8	-12	-12	-2	-2
$1\frac{1}{2}$	+9	+7	-14	-14	-5	-7
$\frac{1}{2}$	+8	+8	-14	-14	-6	-6
84 E			$\sqrt{14}$	-12		\checkmark
$\frac{1}{2}$	+10	+10	-14	-12	-4	-2
$1\frac{1}{2}$	+8	+8	-14	-12	-6	-4
$2\frac{1}{2}$	+7	+6	-14	-12	-7	-6
$3\frac{1}{2}$	+6	+6	-10	-10	-4	-4
$4\frac{1}{2}$	+9	+6	-12	-10	-3	-4
$5\frac{1}{2}$	+12	+12	-12	-12	0	0
$6\frac{1}{2}$	+8	+8	-12	-12	-4	-4
$7\frac{1}{2}$	+8	+8	-12	-10	-4	-2
$8\frac{1}{2}$	+7	+6	-6	-6	+1	0
$9\frac{1}{2}$	+6	+6	-6	-6	0	0
$10\frac{1}{2}$	+6	+6	-6	-2	0	+9
$11\frac{1}{2}$	+5	+5	-6	-2	-1	-3
$12\frac{1}{2}$	+5	+5	-4	-4	+1	+1
$13\frac{1}{2}$	+2	+2	-4	-2	-2	0
$14\frac{1}{2}$	-2	-2	-4	-4	-6	-6
$15\frac{1}{2}$	0	0	-4	-2	-4	-2

not plotted
correct on map. 1L

88E					Hi	
$16\frac{1}{2}$	0	0	-2	-2	-2	-2
$15\frac{1}{2}$	0	0	-2	-2	-2	-2
$14\frac{1}{2}$	0	0	+2	+2	+2	+2
$13\frac{1}{2}$	0	0	0	0	0	0
$12\frac{1}{2}$	+2	+3	-4	-4	-2	-1
$11\frac{1}{2}$	+5	+5	-8	-8	-3	-3
$10\frac{1}{2}$	+4	+4	-8	-6	-4	-2
$9\frac{1}{2}$	+3	+4	-8	-8	-5	-4
$8\frac{1}{2}$	+0	+10	-10	-10	0	0
$7\frac{1}{2}$	+10	+12	-12	-12	-2	0
$6\frac{1}{2}$	+6	+7	-14	-12	-8	-5
$5\frac{1}{2}$	+8	+8	-8	-8	0	0
$4\frac{1}{2}$	+8	+8	-12	-12	-4	-4
$3\frac{1}{2}$	+12	+13	-14	-14	-2	-1
$2\frac{1}{2}$	+13	+15	-14	-14	-1	-1
$1\frac{1}{2}$	+13	+13	-14	-14	-1	-1
$\frac{1}{2}$	+14	+14	-16	-16	-2	-2
88W						
$\frac{1}{2}$	+10	+12	-14	-14	-4	-2
$1\frac{1}{2}$	+13	+12	-16	-14	-3	-2
$2\frac{1}{2}$	+12	+12	-14	-14	-2	-2
$3\frac{1}{2}$	+12	+17	-14	-14	-2	-2
$4\frac{1}{2}$	+11	+12	-12	-13	-1	-1

		✓				✓
5 $\frac{1}{2}$	+10	+10	-10	-10	0	0
6 $\frac{1}{2}$	+10	+10	-12	-12	-2	-2
7 $\frac{1}{2}$	+10	+10	-12	-10	-2	0
8 $\frac{1}{2}$	+10	+10	-10	-10	0	0
9 $\frac{1}{2}$	+10	+10	-10	-10	0	0
10 $\frac{1}{2}$	+10	+10	-14	-14	-4	-4
11 $\frac{1}{2}$	+5	+5	-10	-8	-5	-3
12 $\frac{1}{2}$	+5	+5	-8	-8	-3	-3
13 $\frac{1}{2}$	+3	+3	-4	-4	-1	-1
14 $\frac{1}{2}$	0	0	-2	-2	-2	-2
15 $\frac{1}{2}$	-2	-3	-3	-3	-5	-6
16 $\frac{1}{2}$	0	0	-10	-8	-10	-8
17 $\frac{1}{2}$	+5	+5	-10	-10	-5	-5
18 $\frac{1}{2}$	+7	+7	-12	-12	-5	-5
19 $\frac{1}{2}$	+10	+10	-12	-12	-2	-2
20 $\frac{1}{2}$	+10	+10	-14	-14	-4	-4
21 $\frac{1}{2}$	+10	+10	-12	-12	-4	-4
22 $\frac{1}{2}$	+10	+10	-12	-12	-2	-2

-the ice is starting to break
up on the lake, finished
ash group claims

June 16 1966 - Tecl & I
cut line on lower Dub group.
slight overcast, ice almost gone
going to whitehorse tomorrow.

LINE DUB 1 GROUP.

STN	CHIEF		HELP		DIFF.	
	HI	LO	HI	LO	HI	LO
1 1/2 W	+14	+14	-20	-20	-6	-6
2 1/2	+16	+16	-19	-19	-3	-3
1 1/2	+16	+15	-17	-17	-2	-2
2 1/2 W	-2	-2	-4	-4	-6	-6
1 1/2 E	-2	-2	-3	-3	-5	-5
1 1/2 E	-10	-9	+6	+6	-4	-3
2 1/2	-10	-6	+2	+4	-8	-2
3 1/2	-16	-14	+10	+10	-6	-4
4 1/2	-14	-12	8	8	-6	-4
5 1/2	-14	-12	8	8	-6	-4
6 1/2	-12	-11	8	10	-4	-1
7 1/2	-17	+16	12	12	-5	-4
8 1/2	-20	-19	+14	+14	-6	-5
9 1/2	-22	-21	+14	+18	-8	-3
10 1/2	-20	-17	+10	+12	-10	-5
11 1/2	-17	-15	+10	+10	-7	-5
12 1/2	-20	-14	+8	+8	-14	-7
13 1/2	-26N	16 NN	+2	+8	-24	-8
14 1/2	-22	15N	-2	+8N	-24	-7
15 1/2	19	13	0	+8	-19	-5
16 1/2	18	15	+4	+10	-14	-5
17 1/2	-19	-17	+6	+12	-13	-5
18 1/2	15	12	6	10	-9	-2
19 1/2	17	14	10	12	-7	-2
20 1/2	20	18	14	16	-6	-2
2 1/2	20	20	15	18	-5	-2

LINE 20	CHIEF		HELP		DIFT	
STN.	H1	LO	H1	LO	H1	LO
CL. LINE X19 1/2 E	-15	-15	+10	+8	-5	-7
18 1/2	-14	-14	+6	+8	-8	-6
17 "	-15	-14	4	8	-11	-6
16 "	-16N	-15N	4	8	-12	-7
15 "	-18N	-14N	0	8	-18	-6
14 "	-18	-12	-4	+5	-22	-7
13 "	-25	-17	-3	+6	-28	-11
12	-23	-16	+8	+8	-15	-8
11	-18	-12	+6	+6	-12	-6
10	-18	-15	+8	+8	-10	-7
9	-20	-18	+6	+8	-12	-10
8	-24	-21	+12	16	-12	-5
7	-17	-16	+12	+14	-5	-2
6	-11	-10	+4	+5	-7	-5
5	-6	-5	+2	+2	-4	-3
4	-12	-11	+8	+8	-4	-3
3	15	14	10	10	-5	-10
2	17	17	10	14	-7	-3
1 1/2	8	8	4	5	-4	-3
1/2 E	-3	-2	-2	-2	-5	-4
1/2 W.	+7	+6	-8	-8	-1	-2
1 1/2 W	+12	+12	-14	-14	-2	-2
2 1/2	+2	+2	-6	-6	-4	-4
3 1/2	+5	-5	+2	+2	-3	-3

LINE	CHIER		HELP		DIFF		
	STN	H)	LO	H)	LO	H)	LO
2 1/2 W	#						
1 1/2 W	+8	+8	-10	-10	-2	-2	
1/2 W	+3	+4	-6	-6	-3	-2	
1 E	-3	-2	0	-2	-3	-4	
1 1/2	-5	-5	+2	+2	-3	-3	
2 1/2	"	"	"	"	"	"	
3"	"	"	"	"	"	"	
4"	-10	+9	+2	+4	-8	-5	
5	-10	-9	9	6	-6	-3	
5	-12	-12	6	8	-6	-4	
7	-15	-15	8	11	-7	-4	
8	-17	-16	8	11	-9	-5	
9	-18	-17	12	15	-6	-2	
10	-18	-17	10	14	-8	-3	
11	-15	-15	+8	+10	-7	-5	
12	-13	-12	+8	+6	-9	-6	
13	-11	-9	+6	+6	-5	-3	
14	-15	-12	+8	+8	-7	-4	
15	-13	-10	+2	+3	-11	-7	
16	-13	-11	+6	+6	-7	-5	
17	-12	-9	+9	+9	-8	-5	
18	-13	+12	+8	+8	-5	-9	
19 1/2	-13	-12	+10	+10	-3	-2	

LINE #	CHIEF		HELP		DIFF	
	H1	L0	H1	L0	H1	L0
1/2 W	9	9	-10	-10	-1	-1
1/2 E	8	8	-12	-10	-4	-2
1 1/2	15	16	-19	-19	-4	-3
2 1/2	19	20	-24	-22	-10	-2
3 1/2	16	16	-20	-22	-8	-6
4 1/2	19	21	-25	-22	-6	-1
5 1/2	23	21	-29	26	-6	-5
6 1/2	32	31	-36	-32	-4	-1
7 1/2	32	32	-36	-34	-4	-2
8	31	31	-36	-33	-5	-2
9	31	31	-36	-33	-5	-2
10	35	35	-36	-36	-1	0
11	38	37	-42	-37	-6	0
12	37	36	-44	-37	-7	-1
13	35	34	-40	40	-5	-2
14	35	34	-38	-37	-3	-3
15	33	33	-30	-36	-7	-3
16	33	32	-38	-37	-5	-4
17	32	32	-37	-36	-5	-4
18	31	32	-37	34	-6	-2
19 1/2	31	31	-36	-34	-5	-3
21						

LINE 12		CHIEF		HELP		DIFF	
STN	H ₁	L ₀	H ₁	L ₀	H ₁	L ₀	
19 1/2	33	32 N	37	37	-4	-5	
18	31 ^{NOISE}	31 N	36	36	-5	-5	
17	32	32	34	34	-2	-2	
16	33	33	36	36	-3	-3	
15	31	31	38	35	-7	-4	
14	28 N	30 NN	38	37	-10	-7	
13	24 NN	30 NN	37	32	-13	-2	
12	24 NN	27 NN	32	28	-8	-1	
11	25	27 N	32	30	-7	2	
10	28	31 N	36	36	-8	0	
9	37	38	42	42	-5	0	
8	38	39	44	44	-6	-5	
7	32	32	36	36	-4	-4	
6	30 ^{NOISE}	30	32	32	-2	-2	
5	26	27	32	32	-6	5	
4	29	29	33	33	-4	-4	
3	26	27	27	27	-1	0	
2	26	26	28	28	-2	2	
1 1/2	20	20	26	26	-6	6	

LINE 40

CHIEF

HELP

DIFF.

STN	CHIEF		HELP		DIFF.	
	H ₁	L ₀	H ₁	L ₀	H ₁	L ₀
$\frac{1}{2}$ E.	+6	+6	-10	-10	-4	-4
1	+8	+8	-11	-11	-3	-3
2	+6	+5	-10	-10	-4	-5
3	-3	-3	0	0	-3	-3
4	-11	-10	+6	+6	-5	-4
5	-11	-11	+7	+7	-4	-4
6	-9	-9	6	6	-3	-3
7	-8	-8	5	5	-3	-3
8	-10	-10	6	6	-4	-4
9	-14	-12	+8	+8	-6	-4
10	-15	-14	+10	+10	-5	-4
11	-13	-12	+10	+10	-3	-2
12	-8	-8	+4	+6	-4	-2
13	-6	-5	-2	+1	-8	-4
14	-6	-4	-4	-1	-10	-5
15	-9	-6	+1	+3	-8	-4
16 $\frac{1}{2}$	-19	-14	+10	+10	-9	-4
17 $\frac{1}{2}$	-21	-18	+10	+16	-11	-2
18	16	15	10	13	-6	-2
19						

244

18 1/2	-12	-11	+6	+8	-6	-3
17 1/2	-20	-15	+8	+13	-12	2
16 1/2	-24	-20	+12	18	-12	-2
15 1/2	-18	-15	+6	+12	-12	-3
14 1/2	-6	-3	-6	0	-9	-3
13 1/2	-3	+3	-6	-6	-9	-3
12 1/2	-5	-3	-2	-2	-7	-5
11 1/2	-13	-11	+8	+8	-5	-3
10 1/2	-14	-13	+8	+9	-6	9
9 1/2	-15	-14	12	12	-3	-2
8 1/2	-14	-13	10	10	-4	3
7 1/2	-18	-16	+12	+14	-6	-2
6 1/2	12	12	8	8	-4	-4
5 1/2	-8	-7	+9	+9	-9	-3
4 1/2	14	13	8	8	6	5
3 1/2	18	17	14	14	4	3
2 1/2	-16	-16	+14	+14	-2	-2
1 1/2	-9	-13	-3	-2	-7	-5
1/2	+10	+10	-14	-12	-4	2
2 1/4	+12	+13	-16	-16	-4	-3
1 1/4	+12	+10	-14	-14	-2	-4
2 1/8	+10	+9	-14	-14	4	-5
3 1/8	+8	+9	-12	-12	-4	-3

20 1/2	13	12	6	1	-7	5
19 1/2	15	11	8	8	-7	-3

LINE-32 Chief			Helper		deff	
STN #	H1	L0	H1	L0	H1	L1
1 1/2 W	+5	+5	-10	-10	3	✓
1/2 W	+5	+6	-10	-9	-5	
1/2 E	+6	+6	-10	10	-4	
1 1/2 E	+1	+3	-6	-6	-5	
2	-1	-1	0	0	-1	-1
3	-7	-6	+9	+9	-3	-2
4	-13	-12	+6	+6	-7	-6
5	-10	-9	+6	+6	4	3
6	-14	-13	+10	+10	-4	-2
7	-15	-15	+10	+10	-5	
8	-15	-15	+10	+12	-5	
9	-16	-15	+12	+14	-4	-1
10	-10	-9	+8	+8	-2	-1
11	-10	-9	+8	+8	-2	-1
12	-12	-11	+8	+8	-4	-2
13	-20	-18	+12	+14	-8	-9
14	-15	-13	+10	+8	-5	-5
15	-15	-14	+10	+10	-5	-4
16	-15	-13	+6	+6	-9	-7
17	-16	-13	+4	+8	-12	-5
18	-12	-10	+6	+6	-6	-4
19	-11	-11	+6	+6	-5	-5
20	-9	-8	+6	+6	-3	-2
	-10	-8	9	6		

JUNE 36	Chief		Help		Cliff	
	Hi	Lo	Hi	Lo	Hi	Lo
20 E	-10	-8	+4	+6	-6	-2
19 E	-11	-9	+6	+6	-5	-3
18	-15	-12	+6	+8	-9	-4
17	-16	-14	6	8	-10	-6
16	-17	-12	+6	+8	-11	-4
15	-10	-8	0	+3	-10	-5
14	-13	-11	+6	+6	-7	-5
13	-13	-12	+6	+8	-7	-4
12	-19	-17	+12	+12	-7	-5
11	-11	-9	+4	+4	-7	-5
10	-9	-9	+6	+6	-3	-3
9	-11	-10	+8	+8	-3	-2
8	-17	-17	+14	+14	-3	-3
7	-18	-17	+14	+14	-4	-3
6	-14	-12	+8	+8	-6	-4
5	-5	-5	+2	+2	-3	-3
4	-3	-3	0	0	-3	-3
3	-6	-6	0	+1	-6	-5
2	-5	-5	+1	+1	-4	-4
1	-4	-3	+4	-4	-8	-7
$\frac{1}{2}$ E	+2	+2	-6	-6	-4	-4
$\frac{1}{2}$ W	+5	+6	-6	-6	-1	0
$1\frac{1}{2}$ W	+3	+3	-8	-8	-5	-5
$-1\frac{1}{2}$ W	+6	+6	-10	-8	-4	-2

LINE 28		Chef		Help		Self	
STN.	H.	LO	H.	LO	H.	LO	
18 1/2 E	-15	-14	+6	+8	-9	-6	
17 1/2	-18	-17	+10	+18	-8	+1	
16 1/2	-12	-11	+8	+8	-9	-3	
15 1/2	-12	-11	+7	+10	-5	-1	
14 1/2	-6	-6	+3	+3	-3	-3	
13 1/2	-17	-16	+10	+12	-7	-4	
12 1/2	-16	-15	12	12	-7	-3	
11 1/2	-20	-19	+12	+14	-8	-5	
10 1/2	-14	-14	+10	+10	-4	-4	
7 1/2	-13	-13	+10	+10	-3	-3	
8 1/2	10	10	8	8	-2	-2	
7 1/2	-13	-13	8	8	-5	-5	
6 1/2	12	12	8	10	-4	-2	
5 1/2	-16	-16	+12	+19	-4	-2	
4 1/2	-11	-9	+6	+7	-5	-2	
3 1/2	-2	-2	+2	0	0	-2	
2 1/2	+2	+3	-6	-6	-4	-3	
1 1/2 E	+3	+3	-2	-4	+1	-1	
1/2 E	+5	+5	-8	-8	-3	-3	
1/2 W	+9	+10	-10	-12	-1	-2	
1 1/2 W	8	9	12	12	4	-3	
19 1/2 E	-15	-11	+8	+8	-7	-3	
20 E	-13	-12	+6	+7	-7	-5	

LINE 4 Chief

Help:

Diff

STN	H ₁	L ₀	H ₁	L ₀	H ₁	L ₀
1 1/2	0	+3	+2	+2	+2	+5
2 1/2	-1	0	-4	-4	-5	-4
3 1/2	0	0	-6	-6	-6	
4	-2	-1	-10	-4	-12	
5	0		-8		-8	
6	-17		+19		-3	
7	-21		+14		-7	
8	-24		+18		-6	
9	-15		+12		-3	
10	-18		+15		-3	
11	-20		+15		-5	
12	-24		18		-6	
13	-20		18		-2	
14	22		15		-7	
15	22		17		-10	
16	22		12		-10	
17	21		13		-8	
18	-17		+12		-5	
19	-16		+10		-6	

E.M. WENT U/S. CANT
READ LOW FREQ.

LINE 0 STN	Chef		Help		Diff	
	Hi	Lo	Hi	Lo	Hi	Lo
18	16		+8		-8	
18	17		+10		-7	
17	21		+12		-9	
16	21		+12		-9	
5	21		+14		-7	
3	20		+14		-6	
18	22		+15		-7	
2	23		+16		-7	
10	20		+16		-4	
10	19		+8		-6	
9	15		10		-5	
8	16		+12		-2	
7	20		+14		-6	
5	25		+10		-5	
5	12		+6		-6	
4	5		+2		-4	
3	0		-4		-4	
2			-4		-4	
1			-4		-4	

LINE Chief. ANT. Help Diff
 STN H. LO H. LO H. LO

Line	0	Bearing	80°	STN	12 E	at	Shoreline
10 1/2 E	-14	-14	+6	+8	-8	-6	
9 1/2	-16	-15	+10	+12	-8	-3	
8 1/2	-12	-11	8	10	-4	-1	
7 1/2	-13	-13	+10	+10	-3	-3	
6 1/2	-9	-9	+6	+6	-3	-3	
5 1/2	-6	-6	+2	+2	-4	-4	
4	-3	-3	0	0	-3	-3	
3	-7	-6	+9	+9	-3	-2	
2	-13	-12	+10	+10	-3	-2	
1	-18	-17	14	14	-4	-3	
1/2 E	-16	-16	+12	+12	-4	-3	UPHILL

STN 0 B.L. Claim Posts ANT 2 Post 2
 - Staked By H. Sandau. ANT 5-Post 1.

1/2 W	-19	-18	16	14	-3	-4
1/2 W	-13	-11	+9	+9	-4	-2
2 1/2	-8	-7	+6	+6	-2	-1
3	-6	-5	+2	+2	-4	-3
4	-6	-5	+2	+3	-4	-2
5	-3	-3	0	0	-3	-3
6	0	0	-4	-4	-4	-4
7	-1	+1	-4	-4	-5	-3
8	-2	-1	-4	-2	-6	-3
9	-3	-1	-2	-2	-5	-3
10	-3	-1	-4	-2	-7	-3

LINE	Chief		Help		Diff	
	H1	L0	H1	L0	H1	L0
11 1/2 W	-5	-3	0	0	-5	-
12 1/2	-4	-4	0	0	-4	-4
13 1/2	4	-3	0	0	-4	-
14 1/2	-3	-3	-2	-2	-5	-
15 1/2	-5	-5	0	0	-5	-5
16 1/2	-1	1	-4	-2	-5	-3
17 1/2	+15	+16	-20	-18	-5	-
16 1/2 W	+12	+13	-20	-16	-8	-3
15 1/2	+14	+15	-20	-18	-6	-3
14	+14	+15	-20	-18	-6	-3
13	+15	+16	-23	-20	-8	-4
12	+21	+23	-30	-26	-9	-3
11	+13	+15	-20	-18	-7	-3
10	+9	+10	-20	-14	-11	-4
9	+4	+5	-12	-18	-8	-3
8	+10	+13	-20	-18	-10	-4
7	+13	+16	-22	-22	-9	-6
6	+13	+18 ^{NN}	-24	-24	-11	-
5	+14	+18 ^{NN}	-30	-26	-16	-8
4	+18	+22 ^{NN}	-30	-26	-12	-6
3 1/2	18	20 ^{NN}	29	26	-11	-6
2 1/2	25	26	28	28	-3	-2
1 1/2	+25	+25	-30	-27	-5	-
1/2 W	23	23	-28	-28	-5	-5
1/2 E	22	22	-24	-24	-2	-2

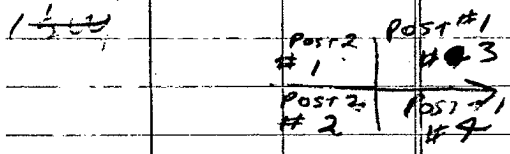
NOISE - CRACKLING.

LINE	Chop		Help		Left	
	H.L.	L.O.	H.	L.O.	H.	L.O.
1 1/2 E	+22	+22	-24	-24	-2	-2
2	22	22	25	25	-3	-3
3	24	24	27	27	-3	-3
4	27	27	27	27	0	0
5	27	27	-28	27	-1	0
6	27	27	+30	-29	-3	-2
7	28	28	-30	-30	-2	-2
8	27	28	-30	-30	-3	-2
9	29	29	-30	-30	-1	-1
10	31	31	-32	-32	-1	-1
11	32	32	-33	+33	-1	-1
12	32	32	33	33	-1	-1
19+100	- Shoreline.					

LINE	Chop		Help		Left	
5 1/2 E	-7	-7	+2	+2	-5	-5
4 1/2	-7	-5	+2	+2	-5	-3
13 1/2	-5	-5	+4	+3	-1	-2
2 1/2	-1	0	-2	-2	-3	-2
1 1/2	-5	-4	0	+2	-5	-2
0 1/2	-6	-5	+5	+4	-1	-1
9	-7	-7	+5	+3	-2	-4
8	-8	-5	+4	+2	-4	-3
7	-4	+3	+2	0	-6	-3
6	-2	0	+2	0	0	0
5	-2	0	-2	-4	-4	-4
4 4	-4	-2	-7	-4	-11	-6

LINE 16 Chief Help dist

STN. FAULT	H ₁	L ₀	H ₁	L ₀	H ₁	L ₀
3 1/2	4	2	6	6	10	8
2 1/2	-4	+1	-12	-8	-16	-11
1 1/2	-2	+3	-14	-8	-16	-11
1/2 E	+2N	+6	-14	-9	-12	-11
1/2 W	CL. POSTS AT STN 15 B.L.					



1/2 W	-2N	+5	-12	-8	-14	-5
1 1/2 W	-2N	+3	-14	-8	-16	-5
2 1/2 W	-2	+2	-17	-6	-19	-4
3 1/2 W	-4	0	-10	-5	-14	-5
4	0	+2	-8	-8	-8	-6
5	+2	+3	-12	-8	-10	-5
6	+4	+5	-12	-9	-8	-4
7	+10	+11	-16	-14	-6	-3
8	+5	+7	-16	-13	-11	-6
9 CREEK	-3	+7	-16	-12	-13	-5
10 2002	+2 ^{NN}	+3	-18	-12	-20	-9
11	-5 ^{NN}	+2	-18	-10	-23	-8
12	-7N	0	-7	-6	-14	-5
13	-16 ^N	-8 ^{NN}	-7	-4	-23	-10
14	-13	-6	+12	+4	-25	-10
15	-6	-3	-12	-9	-18	-7
16	-2	-2	-6	-4	-8	-6
17	-2	-2	-4	-4	-8	-6

LINE 24 STN	Chief		Helper		Chief	
	H.	Lo.	H.	Lo.	H.	Lo.
17 1/2 W	+ 4	+ 5	- 10	- 8	- 6	- 3
16 1/2	+ 8	+ 10	- 12	- 12	- 9	- 2
15	+ 8	+ 10	- 14	- 14	- 6	- 4
14	+ 9	+ 10	- 16	- 14	- 7	- 4
13	+ 8	+ 10	- 18	- 16	- 10	- 6
12	+ 8	+ 11	- 20	- 16	- 12	- 5
11	+ 8	+ 12	- 20	18	- 12	- 6
10	+ 7	+ 10	- 18	- 18	- 11	- 8
9	+ 8	+ 10	- 16	- 16	- 8	- 6
8	+ 9	+ 9	- 14	- 14	- 10	- 5
7	+ 5	+ 10	- 15	- 15	- 10	- 5
6	+ 9	+ 11	- 18	- 17	- 9	- 6
5	+ 10	+ 9	- 15	- 15	+ 5	- 6
4	+ 16	+ 16	- 20	- 20	- 4	- 4
3	+ 24	+ 23	- 26	- 26	- 2	- 3
2	+ 26	+ 25	- 28	- 28	- 2	- 3
1	+ 23	+ 23	- 28	- 27	- 5	- 4
1/2 W	+ 25	+ 24	- 24	- 26	- 1	- 2
1/2 E	+ 27	+ 27	- 28	- 28	- 1	- 1
1 1/2	+ 35	+ 36	- 38	- 38	- 3	- 2
2	+ 34	+ 35	42	38	- 8	- 3
3	+ 16	+ 17	- 24	- 18	- 8	- 1
4	+ 3	+ 3	- 10	8	- 7	- 5
5	- 8	- 6	0	0	- 8	- 6
6	- 7	- 5	+ 2	+ 2	- 5	- 3
7	+ 5	+ 5	+ 2	+ 2	- 3	- 3
8						
9						

NO KNOWN

LINE 30	Chief		Helper		Lift	
	H ₁	L ₀	H ₁	L ₀	H ₁	L ₀
15½ E	+17	+17	-16	-16	+1	+1
14	+17	+18	-22	-22	-5	-4
13	+19	+20	-22	-20	-3	0
12	17	17	-20	-18	-3	1
11	17	16	20	18	-3	-2
10	21	20	-26	-24	-5	-4
9	22	23	26	24	-4	-1
8	21	22	-24	-24	-3	-2
7	20	21	-22	-22	-2	-1
6	20	21	-20	-24	-4	-3
5	20	21	-22	-22	-2	-1
4	18	17	21	20	-3	-3
3	20	20	24	22	-4	-2
2	21	21	24	24	-3	-3
1	22	22	26	26	-4	-4
½ E	19	19	22	22	-3	-3
½ W	17	17	22	20	-5	5
1 ½ W	17	16	20	19	-3	-3
	17	17	-24	-21	-7	-9
3 ½	15	15	-24	-21	-9	-6
4 ½	8	15N	-21N	-19	-13	-9
5 ½	14	16N	-24N	-22	-10	-6
6 ½	8	16N	-22N	-24	-14	-8
7 ½	9	17N	-24N	-24	-15	-7
8 ½	13	18N	-26	-26	-13	-8
9 ½	18	20	-26	-26	-8	-6
10 ½	22	22N 15	28	25	-6	-1

NE 32

Chief.

Helper

Diff.

IN	H ₁	L ₀	H ₁	L ₀	H ₁	L ₀
11½ W	20	21	-21	-24	-4	-3
12½	20	20	-24	-23	-4	-3
13	+19	+19	-22	-18	-3	+1
14	18	18	-22	-17	-4	-1
15½	20	20	-24	-20	-4	0

440.

16½ W. +17	+18	+23	-19	26	-1	-1
15½	+18	+18	-22	-20	-4	-2
13½	20	20	-21	-21	-1	-1
11½	+17	+17	-18	-18	-1	-1
9½	+26	+25	-28	-27	-2	-2
7½	+20	+20	-24	-24	-4	-4
6½	20	19	23	23	-3	-4
5½	+19	+21	-27	-25	-8	-4
4½	24	24	-29	-28	-5	-4
3½	22	22	26	28	-4	-6
2	+19 N	+21 N	-29	-26	-5	-5
1	+20	+21	-27	-25	-7	-4
½ W	22	21	-24	-22	-2	-1
½ E	29	19	-24	-24	-5	-5
½ E	20	20	23	22	-3	-2
½ G						

H1 L0

3 1/2	25	25	27	27	-2	-2
5 1/2	21	21	23	22	-2	-1
7 1/2	16	16	16	16	0	0
9 1/2						

ANT July 2

LINE #	Chief		Helper		DIP		✓
	Hi	Lo	Hi	Lo	Hi	Lo	
1 1/2	-20	-20	+14	+14	-6	-6	+6
2 1/2	-20	-20	+14	+14	-6	-6	-6
3 1/2	-26	-25	+19	+22	-8	-3	+3
4 1/2	-31	-31	+28	+28	-3	-3	+3
5 1/2	-31	-30	+27	+27	-4	-3	-3
6 1/2	-20	-22	+18	+18	-2	-4	-4
7 1/2	-20	-19	+18	+15	-2	-4	-4
8 1/2	-24	-24	+20	-20	-4	-4	-4
9 1/2	-30	-30	+25	+26	-5	-4	
10 1/2	-24	-20	+22	+20	-2	0	
11 1/2	-16	-16	+14	+15	-2	-1	
12 1/2	-16	-15	+9	+12	-7	-3	
13 1/2	-16	-15	+11	+13	-5	-2	
14 1/2	-19	-18	+14	+15	-5	-3	
15 1/2	-24	-23	+17	+19	-7	-4	
16 1/2	-20	-20	+16	+16	-4	-2	
17 1/2	-20	-18	+16	+14	-4	-4	
18 1/2	-18	-15	+7	+12	-1	-3	

Chief

H.C.P.

D.I.F.

STN	Chief			H.C.P.		D.I.F.	
	H _i	L ₀	H _i	L ₀	H _i	L ₀	
19 1/2	-18	-16	+17	+12	-1	-4	
20 1/2	-16	-14	+10	+10	-6	-4	
21 1/2	-14	-14	+10	+11	-4	-3	
22 1/2	-14	-14	+10	+14	-4	0	
23 1/2	-14	-14	+12	+14	-2	0	
.							
12 W	-14	0	-2	+7	-2	+1	
23 1/2	-4	-4	0	+2	-4	-2	
22 1/2	-6	-7	+4	+4	-2	-3	
21 1/2	-4	-5	+4	+2	0	-3	
20 1/2	-6	-6	0	+2	-6	-4	
19 1/2	-7	-5	0	-1	-7	-6	
18 1/2	-7	-5	-2	0	-5	-5	
17 1/2	-7	-5	-4	-2	-7	-7	
16 1/2	-8	-5	-1	0	-9	-5	
15 1/2	-9	-5	+2	+2	-7	-3	
14 1/2	-10	-7	0	+3	-10	-4	
13 1/2	-13	-9	+1	+3	-12	-6	
12 1/2	-14	-9	+5	+8	-9	-1	
11 1/2	-14	-12	+6	+10	-8	-2	
10 1/2	-18	-14	+7	+11	-9	-5	
9 1/2	-16	-13	+10	+2	-6	-1	
8 1/2	-13	-11	+2	+5	-11	-6	
7 1/2	-6	-3	-2	0	-8	-3	

Line	Chief			Help		RESULTS	
	✓	H	W	✓	H	W	W
6 1/2	-4	-2	-4	-3	-8	-5	
5 1/2	-12	8	-2	5	-14	-8	
4 1/2	-10	-8	-3	+1	-13	-7	
3 1/2	+10	-6	-1	+1	-11	-5	
2 1/2	-2	+1	-12	-9	-14	-8	
1 1/2	-4	-2	-8	-6	-12	-8	
1/2	+2	+4	-13	-11	-11	-7	

L 12 E

1 1/2	+2	+4	-12	-9	-10	-5	✓
1 1/4	0	+4	-7	-8	-7	-4	✓
2 1/4	-4	+3	-4	-7	0	-4	
3 1/4	0	+1	-3	-5	-3	-4	
4 1/4	+2	-4	-10	-5	+2	-1	
5 1/4	-0	+2	-5	-5	-5	-3	
6 1/4	-1	-1	-6	-4	-7	-5	
7 1/4	+2	+2	-5	-4	-3	-2	
8 1/4	-	-	-	-			
9 1/4	+4	+4	-6	-8	-2	-4	

E		Chief		Help		Dif	
ING 20						✓ H ₁	✓ L ₀
STN							
9 1/2							
8 1/2	-14	-14	+8	+9		-6	-5
7 1/2	+16	-15	+7	+9		-9	-6
6 1/2	-13	10	+4	+7		-9	-3
5 1/2	-14	-14	+7	+6		-7	-8
4 1/2	-12	-6	+2	+2		-10	-9
3 1/2	-4	-2	-2	+2		-6	0
2 1/2	-4	0	-3	-2		-7	-2
1 1/2	-8	-6	+2	+8		-6	-9
1/2	-16	-14	+6	+4		-10	-10
LINE 20 W	Creek	1/2	←	25		✓	✓
1 1/2	-18	-16	+4	+10		-10	-6
1 1/2	-16	-15	+10	+10		-6	-5
2 1/2	-18	-18	+15	+9		-3	-6
3 1/2	-	-	-	-		-	-
4 1/2	-18	-16	+12	+14		-6	-2
5 1/2	-18	-16	+8	+10		+10	-6
6 1/2	-17	-15	+15	+10		+2	-5
7 1/2	-18	-16	+15	+2		-3	-4
8 1/2	-18	-14	+15	+9		-3	-5
9 1/2	-18	-15	+12	+10		-6	-5
10 1/2	-20	+18	18	12		-2	-6
11 1/2	-20	-17	15	10		-5	-7

					RESULTANT	
					✓ H ₁	✓ L ₂₀
12 1/2	-19	-19	+9	+13	-22	-6
13 1/2	-24	-22	+7	+13	-17	-9
14 1/2	-22	-19	+5	+12	-17	-7
15 1/2	-20	-16	+5	+6	-15	-10
16 1/2	-18	-15	+5	+8	-13	-7
17 1/2	-12	-10	+4	+5	-8	-5
18 1/2	-16	-12	+5	+5	-11	-7
19 1/2	-15	-11	+7	+10	-5	-1
20 1/2	-16	-14	+9	+13	-3	-1
21 1/2	-15	-12	+5	+6	-9	-6
22 1/2	-17	-12	+10	+9	-6	-3
23 1/2	-14	-14	+13	+11	-1	-3
line 28					✓	✓
18 1/2	-10	-10	+6	+12	-4	-2
17 1/2	-9	-9	+4	+5	-5	-9
16 1/2	-9	-5	+3	+5	-6	0
15 1/2	-8	-4	+3	+5	-5	+1
14 1/2	-2	-1	+3	+1	+1	0
13 1/2	+2	+1	-2	-1	0	0
12 1/2	-8	-7	+4	+5	-8	+1
11 1/2	-16	-15	+7	+9	-9	-6
10 1/2	-39	-34	+19	+17	-20	-17
9 1/2	-20	-20	+11	+14	-9	-6
8 1/2	-20	-5	-2	0	-12	-5

7 1/2	+10	+8	-21	-17	-11	-9	✓
6 1/2	+7	+8	-17	-9	-10	-1	✓
5 1/2	+4	+7	-17	-9	-13	-2	
4 1/2	+3	+3	-10	-5	-7	-2	
3 1/2	0	0	0	-5	0	-5	
2 1/2	0	+1	-2	0	-2	+1	
1 1/2	-3	0	-2	-2	-5	-2	
1/2	+4	+2	-5	-7	-2	-5	
1/2	+4	+4	-9	-11	-5	-7	✓
1 1/2	+8	+8	-20	-11	-12	-3	
2 1/2	+8	+10	-18	-15	-10	-5	
3 1/2	+4	+8	-18	-16	-18	-8	
4 1/2	+8	+10	-16	-14	-8	-9	
5 1/2	+9	+9	-15	-14	-6	-5	
6 1/2	+4	+7	-15	-11	-11	-2	
7 1/2	+4	+7	-15	-10	-11	-3	
8 1/2	+7	+5	-11	-5	-9	0	

line 4					RESULTANT	
	H ₁	L ₀	H ₁	L ₀	√ H ₁	L ₀ ✓
8½ E	+25	+25	-28	-27	-3	-2
7½	+27	+27	-30	-30	-3	-3
6½	+27	+28	-30	-31	-3	-3
5½	+28	+28	-33	-32	-5	-4
4½	+28	+27	-29	-32	-1	-5
3½	+28	+27	-30	-30	-2	-3
2½	+28	+28	-29	-29	-1	-1
1½	+26	+27	-27	-26	-1	+1
½	+19	+19	-19	-19	0	0
	-8	-8	+6	+6	-2	+2
line 44	-8	-8	+6	+6	√ -2	-2
7½ E	-8	-7	+1	+1	-8	-6
6½	-5	-5	+2	+1	-3	-4
5½	-4	-4	+2	0	-2	-4
4½	-1	-1	-2	0	-3	-1
3½	-2	-2	-2	-3	-4	-5
2½	-3	-3	+2	0	-1	-3
1½	-4	-3	+4	+2	0	-1
½	-4	-4	0	0	-4	-4
½ W	-2	-2	+5	+5	+3	+3
1 W	-5	-5	+3	+3	-2	-2
1½ W	-7	-7	+4	-4	-3	-3
2½ W	-8	-10	+6	+5	-2	-5
3½ W	-12	-12	+6	+5	-6	-7
4½ W	-6	-6	+2	+2	-4	-4
5½ W	-8	-7	+4	+4	-4	-3

					Dif	
	H1	L0	H1	L0	H1	L0
6 $\frac{1}{2}$	-8	-7	+5	+5	-3	-2
7 $\frac{1}{2}$	-8	-8	+5	+5	-3	-3
8 $\frac{1}{2}$	-4	-4	+2	+2	-2	-2
L 24E						
9 $\frac{1}{2}$					✓	
10 $\frac{1}{2}$	-24	-24	+20	+20	+6	-4
11 $\frac{1}{2}$	-36	-32	+28	+28	-8	-4
12 $\frac{1}{2}$	-44	-42	+35	+35	-9	-7
13 $\frac{1}{2}$	-44	-43	+35	+35	-9	-8
14 $\frac{1}{2}$	+27	-27	+27	+27	0	0
22	-22	+16	+16	+16	-6	

DUB 1

July 3

L 48	Chief		Help		Dif	
	H1	L0	H1	L0	H1	L0
1 $\frac{1}{2}$	-7	-6	+3	+3	-4	-3
2 $\frac{1}{2}$	+3	-2	-6	-6	-9	-4
3 $\frac{1}{2}$	+6	+6	-12	-12	-6	-6
4 $\frac{1}{2}$	+12	+12	-17	-17	-5	-5
5 $\frac{1}{2}$	+14	+14	-17	-17	-3	-3
6 $\frac{1}{2}$	+14	+14	-16	-16	-2	-2
7 $\frac{1}{2}$	+14	+14	-17	-17	-3	-3
8 $\frac{1}{2}$	+14	+12	-17	-17	-3	-5
9 $\frac{1}{2}$	+5	+8	-13	-13	-5	-5
10 $\frac{1}{2}$	+8	+8	-10	-10	-2	-2
11 $\frac{1}{2}$	+6	+2	-8	-8	-6	-6

	Chief		Help		DR	
	Hi	Lo	Hi	Lo	Hi	Lo
12 $\frac{1}{2}$	-2	-2	-6	-6	-8	-8
13 $\frac{1}{2}$	0	0	-6	-6	-6	-6
14 $\frac{1}{2}$	0	+3	-10	-10	-70	-7
15 $\frac{1}{2}$	+7	+10	-15	-15	-8	-5
16 $\frac{1}{2}$	+6	+6	-16	-16	-10	-10
17 $\frac{1}{2}$	+5	+5	-9	-9	-4	-4
18 $\frac{1}{2}$	+9	+10	-10	-10	-1	0
19 $\frac{1}{2}$	+6	+6	-15	-15	-9	-9
20 $\frac{1}{2}$	+8	+12	-15	-10	-7	12
21 $\frac{1}{2}$	+8	+6	-15	-15	-7	-9
22 $\frac{1}{2}$	+8	+10	-15	-15	-7	-5
23 $\frac{1}{2}$	+10	+12	-17	-17	-7	-5
24 $\frac{1}{2}$	+14	+14	-17	-17	-3	-3

LS2^E

1 $\frac{1}{2}$	-26	-25	+21	+21	-5	14
1 $\frac{1}{2}$	-31	-32	+28	+28	-3	-9
2 $\frac{1}{2}$	-28	-28	+28	+28	0	0
3 $\frac{1}{2}$	-26	-26	+25	+25	-1	-1
4 $\frac{1}{2}$	-32	-32	+26	+26	-6	-6
5 $\frac{1}{2}$	-28	-28	+27	+27	-1	-1
2 $\frac{1}{2}$	-30	-28	+27	+27	-3	-1

E CACY

Welper

Dif

L 56

Hi

Lo

Hi

Lo

Hi

Lo

6 1/2	-31	-30	+28	+28	-3	-2
5 1/2	-26	-24	+23	+23	-3	-1
4 1/2	-28	-28	+23	+23	-5	-5
3 1/2	-28	-26	+20	+20	-8	-6
2 1/2	-27	-26	+28	+28	-1	+2
1 1/2	-28	-27	+28	+28	-5	-9
1/2	-32	-30	+30	+30	-2	0
1/2	-36	-32	+33	+33	-3	+1
1 1/2	-32	31	+34	+34	+2	+3
2 1/2	-26	-26	+25	+25	-1	-1
3 1/2	-24	-24	+25	+25	+1	+1
4 1/2	-28	-28	+25	+25	-3	-3
5 1/2	-28	-28	+25	+25	-3	-3

L 52M

15 1/2	-34	-32	+30	+30	-4	-2
4 1/2	-32	-30	+28	+28	-4	-2
3 1/2	-31	-30	+27	+27	-4	-3
2 1/2	-28	-26	+27	+26	-1	0
1 1/2	-26	-18	+18	+18	-2	0
1/2	-24	-24	+20	+18	-4	+6

ASH

Line 32W	H1	20	H1	20	H1	20
31 1/2	17	+5	-10	-6	-3	-1
32 1/2	-	-	-	-	-	-
33 1/2	+6	+5	-10	-7	-4	-2
34 1/2						
35 1/2						
36 1/2	-12	-11	+10	+10	-2	-1
37 1/2	-10	-9	+6	+6	-4	-3
38 1/2	-8	-7	+5	+4	-3	-3
39 1/2	+3	+2	+3	+2	0	0
40 1/2	+4	+5	-4	-4	0	+1
41 1/2	+5	+6	-)	-7	-2	-1
42 1/2	0	0	-3	-1	-3	-1
43 1/2		-2	0	-1	-3	-3
44 1/2						
45 1/2						

Line 36W

43 1/2	+18	+18	-20	-2	+2
42 1/2	+22	+20	-24	-20	0
41 1/2	+23	+23	-24	-22	+1
40 1/2	+24	+23	-26	-23	0
39 1/2	+24	+22	-24	-21	+1
38 1/2	+20	+20	-20	-20	0
37 1/2	+12	+11	-14	-12	-1
36 1/2					

ASH

HI 20 HI 20

35 $\frac{1}{2}$						
34 $\frac{1}{2}$						
33 $\frac{1}{2}$						
32 $\frac{1}{2}$						
31 $\frac{1}{2}$						
30 $\frac{1}{2}$	+8	+7	-10	-9	-2	-2
29 $\frac{1}{2}$	+8	+7	-10	-9	-2	-2
28 $\frac{1}{2}$	+8	+8	-8	-8	0	0
					✓	
Pine Row	-5	-3	F2	0	-3	-3
43 $\frac{1}{2}$	-3	-3	0	0	-3	-3
42 $\frac{1}{2}$	+3	+2	-6	-4	-3	-2
41 $\frac{1}{2}$	+6	+5	-9	-7	-3	-2
40 $\frac{1}{2}$	+8	+7	-12	-10	-4	-3
39 $\frac{1}{2}$	+8	+8	-10	-10	-2	-2
38 $\frac{1}{2}$	+2		-4	-4	-2	-2
37 $\frac{1}{2}$	+1		-4	-4	-3	-3
36 $\frac{1}{2}$	+4		-6	-6	-2	-2
35 $\frac{1}{2}$	+5	+5	-6	-6	-1	-1
-34 $\frac{1}{2}$	+6	+6	-8	-8	-2	-2
-33 $\frac{1}{2}$	+8	+9	-8	-10	0	-1

line 44W

$38\frac{1}{2}$	+8	+9	-8	-12	0	-3
$39\frac{1}{2}$	+8	+8	-8	-12	0	-4
$40\frac{1}{2}$	+5	+4	-8	-6	-3	-2
$41\frac{1}{2}$	+5	+4	-7	-6	-2	-2
$42\frac{1}{2}$	+4	+3	-6	-6	-2	-3
$43\frac{1}{2}$	+5	+3	-5	-6	0	-3

line 45W

$43\frac{1}{2}$	+6	+6	-10	-8	-4	-2
$42\frac{1}{2}$	+8	+9	-8	-11	0	-2
$41\frac{1}{2}$	+6	+6	-6	-6	0	0
$40\frac{1}{2}$	+6	+5	-8	-7	-2	-2
$39\frac{1}{2}$	+5	+5	-7	-8	-2	-3
$38\frac{1}{2}$	+6	+7	-8	-9	-2	-2
$37\frac{1}{2}$	+7	+7	-9	-9	-2	-2
$36\frac{1}{2}$	+7	+7	-9	-9	-2	-2
$35\frac{1}{2}$	+9	+9	-9	-10	0	-1
$34\frac{1}{2}$	+7	+8	-7	-8	0	0
$33\frac{1}{2}$	+7	+9	-9	-11	-2	-2

✓
H1 L6'

32½	+7	+8	-9	-10	-2	-1
31½	+7	+8	-8	-10	-1	-2
30½	+8	+8	-12	-11	-4	-3
29½	+8	+9	-10	-12	-2	-3

SWW

✓

34½	+7	+8	-7	-10	0	-2
35½	+10	+10	-10	-12	0	-2
36½	+7	+7	-10	-7	-3	0
37½	+7	+6	-9	-6	-2	0
38½	+8	+8	-10	-10	-2	2
39½	+8	+8	-10	-10	-2	-2
40½	+9	+8	-10	-10	-1	-2
41½	+6	+8	-6	-9	0	-1
42½	+6	+6	-9	-8	-3	-2
43½	+7	+5	-7	-8	0	-3

SWW

✓

43½	+8	+8	-8	-8	0	0
42½	+8	+8	-10	-8	-2	0
41½	+10	+9	-10	-11	0	-2
40½	+9	+9	-9	-9	0	0
39½	+8	+8	-6	-6	+2	+2
38½	+7	+7	-6	-10	-6	-4
37½	+8	+7	-6	-10	+2	-3

					H ₁	L ₀
64W						
32 $\frac{1}{2}$	+7	+8	-7	-10	0	-2
33 $\frac{1}{2}$	+8	+8	-10	-10	-2	-2
34 $\frac{1}{2}$	+6	+6	-7	-6	-1	0
35 $\frac{1}{2}$	+8	+8	-10	-10	-2	-2
38 $\frac{1}{2}$	+9	+8	-14	-12	-5	-9
37 $\frac{1}{2}$	+8	+7	-12	-10	-4	-3
38 $\frac{1}{2}$	+9	+9	-12	-12	-3	-3
39 $\frac{1}{2}$	+10	+9	-12	-10	-2	-1
40 $\frac{1}{2}$	+9	+9	-10	-10	-1	-1
41 $\frac{1}{2}$	+10	+9	-10	-10	0	-1
42 $\frac{1}{2}$	+9	+9	-11	-10	-2	-1
43 $\frac{1}{2}$	+9	+9	-12	-10	-3	-1

line 40

26 $\frac{1}{2}$	+6	+5	-12	-10	-6	-5
25 $\frac{1}{2}$	+6	+5	-8	-8	-2	-3
24 $\frac{1}{2}$	+7	+7	-8	-8	-1	-1
23 $\frac{1}{2}$	+10	+11	-12	-12	-2	-1
22 $\frac{1}{2}$	+10	+8	-12	-8	-2	0
21 $\frac{1}{2}$	+10	+9	-11	-10	-1	-1
20 $\frac{1}{2}$	+10	+10	-10	-10	0	0
19 $\frac{1}{2}$	+7	+7	-9	-8	-2	-1

line 44

H₁

5/1/21

288

22 1/2	+7	+8	-8	-10	-1	-2
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line 48

23 1/2	+8	+9	-10	-10	-2	-1
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line 52

30 1/2	+8	+7	-10	-8	-2	-1
29 1/2	+9	+8	-11	-9	-2	-1
28 1/2	+7	+7	-10	-8	-3	-1
27 1/2	+8	+8	-10	-10	-2	-2
26 1/2	+7	+8	-10	-10	-3	-2
25 1/2	+9	+8	-11	-8	-2	0
24 1/2	+10	+8	-11	-11	-1	-3
23 1/2	+9	+8	-12	-10	-3	-2

line 56

33 1/2	+7	+7	-7	-9	0	-2
32 1/2	+7	+8	-10	-10	-3	-2
31 1/2	+9	+9	-10	-10	-1	-1
30 1/2	+8	+8	-10	-10	-2	-2
29 1/2						



					H ₁	L ₀	
Line 60							
	33 $\frac{1}{2}$	+9	+8	-12	-10	-3	-2
	32 $\frac{1}{2}$	+9	+9	-9	-9	0	0
	31 $\frac{1}{2}$	+8	+9	-10	-11	-2	-2
C.P.	30 $\frac{1}{2}$	+9	+10	-10	-11	-1	-1
AT	29 $\frac{1}{2}$	+7	+7	-7	-7	0	0
32	28 $\frac{1}{2}$	+8	+8	-9	-9	-1	-1
	27 $\frac{1}{2}$	+8	+8	-8	-8	0	0
	26 $\frac{1}{2}$	+9	+7	-10	-8	-1	-1
	25 $\frac{1}{2}$	+9	+7	-10	-8	-1	-1
	24 $\frac{1}{2}$	+10	+10	-12	-12	-2	-2
	23 $\frac{1}{2}$	+9	+10	-11	-12	-1	-2
	22 $\frac{1}{2}$	+8	+9	-8	-9	0	0
	21 $\frac{1}{2}$	+8	+8	-10	-10	-2	-2
	20 $\frac{1}{2}$	+8	+8	-8	-9	0	-1
	19 $\frac{1}{2}$	+8	+9	-8	-10	0	-1
	18 $\frac{1}{2}$	+8	+8	-8	-9	0	-1
	17 $\frac{1}{2}$	+8	+8	-8	-9	0	-1
	16 $\frac{1}{2}$	+9	+8	-10	-10	-1	-2
	15 $\frac{1}{2}$	+9	+8	-11	-10	-4	-2
	14 $\frac{1}{2}$	+9	+7	-8	-8	-1	-1
	13 $\frac{1}{2}$	+7	+8	-9	-10	-2	-2
	12 $\frac{1}{2}$	+8	+8	-10	-12	-2	-3

line

✓ H₁ L₀

26 $\frac{1}{2}$	-3	-3	+2	0	-3	-3
27 $\frac{1}{2}$	0	0	20	0	0	0
28 $\frac{1}{2}$	0	0	0	0	0	0
29 $\frac{1}{2}$	0	0	0	0	0	0
30 $\frac{1}{2}$	-4	-4	+2	+2	-2	-2
31 $\frac{1}{2}$	+2	-2	+2	0	0	-2
32 $\frac{1}{2}$	-7	-7	+4	+4	-3	-3
33 $\frac{1}{2}$	-8	-8	+8	+6	0	-2
34 $\frac{1}{2}$	+2	+2	+10	+10	-2	-2
35 $\frac{1}{2}$	-7	-7	+10	+10	-1	-1
36 $\frac{1}{2}$	-7	-7	+10	+10	-3	-3
37 $\frac{1}{2}$	-14	-13	+12	+12	-2	-1
38 $\frac{1}{2}$	-12	-10	+10	+9	-2	-1
39 $\frac{1}{2}$	-10	-9	+8	+6	-2	-3
40 $\frac{1}{2}$	-7	-7	+4	+4	-3	-3
41 $\frac{1}{2}$	+3	+3	-4	-4	-1	-1
42 $\frac{1}{2}$	+5	+4	-6	-6	-1	-2
43 $\frac{1}{2}$	+6	+7	-8	-8	-2	-1

4line

✓

43 $\frac{1}{2}$	+31	+32	-35	-34	-4	-2
42 $\frac{1}{2}$	+30	+30	-30	-31	0	-1
41 $\frac{1}{2}$	+29	+30	-30	-30	-1	0
40 $\frac{1}{2}$	+31	+30	-32	-30	-1	0
39 $\frac{1}{2}$	+30	+30	-30	-30	0	0

$38\frac{1}{2}$	+27	+28	-28	-30	-1	-2
$37\frac{1}{2}$						
$36\frac{1}{2}$	+20	+20	-22	-22	-2	-2
$35\frac{1}{2}$						
$34\frac{1}{2}$	+20	+20	-25	-22	-5	-2
$33\frac{1}{2}$						
$32\frac{1}{2}$	+20	+20	20	-22	0	-2
$31\frac{1}{2}$						
$30\frac{1}{2}$	+18	+18	-22	-22	-4	-4
$29\frac{1}{2}$	+15	+15	-16	-15	-1	-1
$28\frac{1}{2}$	+10	+10	-12	-12	-2	-2

Line 12

$33\frac{1}{2}$	-8	-6	+8	+6	0	0
$34\frac{1}{2}$	-11	-10	+10	+10	-1	0
$35\frac{1}{2}$						
$36\frac{1}{2}$	-11	-12	+8	+12	-3	0
$37\frac{1}{2}$						
$38\frac{1}{2}$	-12	-11	+9	+8	-3	-3
$39\frac{1}{2}$						
$40\frac{1}{2}$	-15	-14	+12	+10	-3	-4
$41\frac{1}{2}$						
$42\frac{1}{2}$	-12	-11	+10	+10	-2	-1
$43\frac{1}{2}$						
$44\frac{1}{2}$						
$45\frac{1}{2}$						

16 line

43 $\frac{1}{2}$						
42 $\frac{1}{2}$						
41 $\frac{1}{2}$	-13	-12	+10	+10	-3	-2
40 $\frac{1}{2}$						
39 $\frac{1}{2}$	-4	-5	+2	+2	-2	-3
38 $\frac{1}{2}$						
37 $\frac{1}{2}$	+8	+7	-12	-10	-9	-3
36 $\frac{1}{2}$						
35 $\frac{1}{2}$						
34 $\frac{1}{2}$	-6	-7	+4	+4	-2	-3
33 $\frac{1}{2}$						

20 line

39 $\frac{1}{2}$	+23	+24	-24	-24	-1	0
38 $\frac{1}{2}$						
37 $\frac{1}{2}$	+12	+12	-14	-14	-2	-2
36 $\frac{1}{2}$						
35 $\frac{1}{2}$	+4	+4	-6	-6	-2	-2
34 $\frac{1}{2}$						
40 $\frac{1}{2}$	+14	+14	-16	-16	-2	-2
41 $\frac{1}{2}$						
42 $\frac{1}{2}$	+24	+24	-24	-24	0	0
43 $\frac{1}{2}$						

line 24

43 $\frac{1}{2}$

42 $\frac{1}{2}$

41 $\frac{1}{2}$ +17 +17 -20 -20 -3 -3

40 $\frac{1}{2}$

39 $\frac{1}{2}$ +10 +9 -10 -8 0 +1

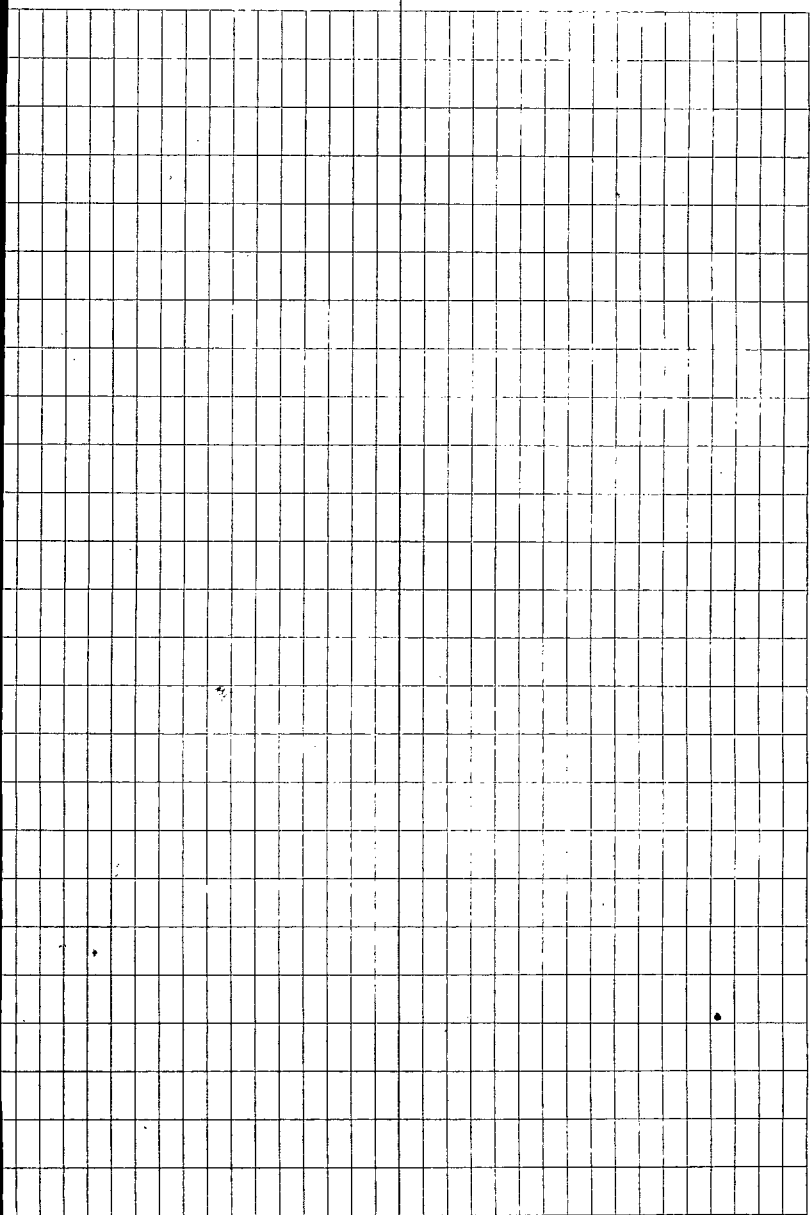
38 $\frac{1}{2}$

37 $\frac{1}{2}$ +12 +11 -14 -13 -2 -2

36 $\frac{1}{2}$

35 $\frac{1}{2}$ +24 +24 -24 -24 0 0

34 $\frac{1}{2}$



	DUB 2 L-325	DUB #2 going west ✓	✓ D ₁
SL-32 W			
26 $\frac{1}{2}$			-2
25 $\frac{1}{2}$			
24 $\frac{1}{2}$			-4
23 $\frac{1}{2}$			
22 $\frac{1}{2}$			0
21 $\frac{1}{2}$			0 /
20 $\frac{1}{2}$			0
19 $\frac{1}{2}$			
18 $\frac{1}{2}$			0
17 $\frac{1}{2}$			-1
16 $\frac{1}{2}$			-5
15 $\frac{1}{2}$			-2
14 $\frac{1}{2}$			0
13 $\frac{1}{2}$			0
12 $\frac{1}{2}$			0
11 $\frac{1}{2}$			
10 $\frac{1}{2}$			0
9 $\frac{1}{2}$			
8 $\frac{1}{2}$			0
7 $\frac{1}{2}$			
6 $\frac{1}{2}$			0
5 $\frac{1}{2}$			
4 $\frac{1}{2}$			0
3 $\frac{1}{2}$	+7	+7 -8	-8 -1 -1
2 $\frac{1}{2}$	+2	+5 -10	-8 -8 -3
1 $\frac{1}{2}$	0	+5 -14	-13 -14 -8
$\frac{1}{2}$	0	+5 -12	-10 -12 -5

L-325 going East

	L-32E	H1	L0	H1	L0	H1	✓	✓	L0
NINA 1550 A12	1 1/2	+6	+6	-16	-13	+10			-7
	1 1/2	+6	+6	-15	-14	-9			-8
	2 1/2	+8	+8	-20	-15	-12			-7
	3 1/2	+6	+9	-16	-10	-10			-1
	4 1/2	-5	-10	-10	-4	-5			-6
	5 1/2	-10	-5	-4	+4	-14			-1
	6 1/2	-20	-10	0	+6	-20			-4
	7 1/2	-23	-18	+10	+12	-13			-6
	8 1/2	-17	+14	+9	+8	-8			-6
	9 1/2	-14	-11	+8	+6	-6			-5
10 1/2	-8	-8	0	+2	-8			-6	
11 1/2									
12 1/2	-10	-10	+2	+4	-8			-6	
13 1/2									
14 1/2	-7	-6	+3	+3	-4			-3	
15 1/2	-6	-6	+4	+4	-2			-2	
16 1/2	+3	+3	-6	-5	-3			-2	
17 1/2									
18 1/2	+2	0	-2	0	-4			0	
19 1/2									
20 1/2	+5	+4	-6	-4	-1			-0	
21 1/2									
22 1/2	+8	+7	-9	-8	-1			-1	
23 1/2									
24 1/2	+14	+12	+14	+22	0			0	
25 1/2									
26 1/2	+14	+12	-14	-12	0			0	

L-405 going East

SL-40E

✓ ✓

26 $\frac{1}{2}$	+24	+24	-24	-24	0	0
25 $\frac{1}{2}$						
24 $\frac{1}{2}$	+21	+21	-22	-23	-1	-2
23 $\frac{1}{2}$						
22 $\frac{1}{2}$	+22	+21	-22	-21	0	0
21 $\frac{1}{2}$						
20 $\frac{1}{2}$	+22	+22	-22	-22	0	0
19 $\frac{1}{2}$						
18 $\frac{1}{2}$	+21	+21	-21	-22	0	-1
17 $\frac{1}{2}$						
16 $\frac{1}{2}$	+16	+17	-18	-18	-2	-1
15 $\frac{1}{2}$						
14 $\frac{1}{2}$	+12	+12	-12	-14	0	-2
13 $\frac{1}{2}$						
12 $\frac{1}{2}$	+18	+18	-18	-19	0	-1
11 $\frac{1}{2}$						
10 $\frac{1}{2}$	+20	+21	-20	-22	0	-1
9 $\frac{1}{2}$						
8 $\frac{1}{2}$	+32	+32	-33	-33	-1	-1
7 $\frac{1}{2}$						
6 $\frac{1}{2}$	+30	+30	-32	-30	-2	0
5 $\frac{1}{2}$						
4 $\frac{1}{2}$	+34	+34	-34	-34	0	0
3 $\frac{1}{2}$						
2 $\frac{1}{2}$	+26	26	-28	-26	-3	0
1 $\frac{1}{2}$						
1/2	+8	+8	-8	-8	0	0

L-405 going west

52-40W ✓

✓ ✓

	$\frac{1}{2}$	+14	$\frac{1}{2}$	-16	-12	-2	0
	$1\frac{1}{2}$						
	$2\frac{1}{2}$	+15	$1\frac{1}{2}$	-16	-14	-1	0
	$3\frac{1}{2}$						
	$4\frac{1}{2}$	+7	$1\frac{1}{2}$	-7	-5	0	0
	$5\frac{1}{2}$						
	$6\frac{1}{2}$	+4	-5	+2	+3	-2	-2
	$7\frac{1}{2}$						
	$8\frac{1}{2}$	-7	-6	+6	+5	-1	0
	$9\frac{1}{2}$						
	$10\frac{1}{2}$	0	0	-2	-2	-2	-2
	$11\frac{1}{2}$						
	$12\frac{1}{2}$	0	0	-2	-2	-2	-2
	$13\frac{1}{2}$						
	$14\frac{1}{2}$	+3	+2	-4	-4	-1	-2
	$15\frac{1}{2}$						
	$16\frac{1}{2}$	+5	+5	-5	-5	0	0
	$17\frac{1}{2}$						
	$18\frac{1}{2}$	+34	+34	-36	-36	-2	-2
	$19\frac{1}{2}$						
	$20\frac{1}{2}$	+44	+44	-44	-44	0	0
	$21\frac{1}{2}$						
CP	$22\frac{1}{2}$	+45	+45	-46	-46	-1	-1
	$23\frac{1}{2}$						
31	$24\frac{1}{2}$	+42	+42	-42	-42	0	0
	$25\frac{1}{2}$						
	$26\frac{1}{2}$	+32	+32	-34	-32	-2	0

L-485 going west

✓ ✓

SL-48W

22 1/2	+5	+4	-6	-4	-1	-0
25 1/2						
24 1/2	+5	+5	-6	-16	-1	-1
23 1/2						
22 1/2	+2	+3	-2	-4	0	-1
21 1/2						
20 1/2	+7	+7	-8	-8	-1	-1
19 1/2						
18 1/2	+12	+13	-12	-15	0	-2
17 1/2						
16 1/2	+20	+20	-22	-22	-2	-2
15 1/2						
14 1/2	+30	+30	-32	-30	-2	-2
13 1/2						
12 1/2	+20	+19	-20	-18	0	+7
11 1/2						
10 1/2	+6	+4	-8	-6	-2	-2
9 1/2						
8 1/2	+12	+12	-13	-12	-1	0
7 1/2						
6 1/2	+24	+24	-24	-24	0	0
5 1/2						
4 1/2	+15	+15	-16	-16	-1	-1
3 1/2						
2 1/2	0	0	-2	-2	-2	-2
1 1/2						
1/2	-8	-9	+5	+7	-2	-2

L-48E

L-485 - East

$\frac{1}{2}$						✓	✓
$1\frac{1}{2}$	-28	-28	+25	+25	-3	-3	
$2\frac{1}{2}$							
$3\frac{1}{2}$	-26	-26	+25	+25	-1	-1	
$4\frac{1}{2}$							
$5\frac{1}{2}$	-22	-22	+21	+21	-1	-1	
$6\frac{1}{2}$							
$7\frac{1}{2}$	-8	-7	+6	+6	-2	-1	
$8\frac{1}{2}$							
$9\frac{1}{2}$	-1	-1	+1	+1	0	0	
$10\frac{1}{2}$							
$11\frac{1}{2}$	-3	-3	+2	+2	-1	-1	
$12\frac{1}{2}$							
$13\frac{1}{2}$	-4	-4	+2	+3	-2	-1	
$14\frac{1}{2}$							
$15\frac{1}{2}$	-7	-7	+6	+6	-1	-1	
$16\frac{1}{2}$							
$17\frac{1}{2}$	-8	-7	+7	+7	-1	0	
$18\frac{1}{2}$							
$19\frac{1}{2}$	-8	-8	+7	+9	-1	+1	
$20\frac{1}{2}$							
$21\frac{1}{2}$	-7	-7	+6	+6	-1	-1	
$21\frac{1}{2}$							
$23\frac{1}{2}$	-8	-8	+7	+8	-1	0	
$24\frac{1}{2}$							
$25\frac{1}{2}$							
$26\frac{1}{2}$							

L-25 - East

✓

✓

LS-2-E	H1	L0	H1	L0	H1	L0
1W	+15	+15	-16	-15	-1	-1
1E	+13	+14	-18	-16	-5	-2
2 ¹ / ₂	+12	+15	-14	-15	-2	0
3 ¹ / ₂	+15	+14	-15	-14	0	0
4 ¹ / ₂	+16	+17	-16	-16	-1	+1
5 ¹ / ₂	+18	+18	-15	-17	+3	+1
6	+21	+21	-20	-20	+1	+1
6 ¹ / ₂	+21	+21	-20	-20	+1	+1
7 ¹ / ₂	+22	+22	-26	-26	-4	-4
8 ¹ / ₂	+23	+23	-24	-24	-1	-1
9 ¹ / ₂	+22	+20	-22	-20	0	0
10 ¹ / ₂	+20	+22	-20	-20	0	+2
11 ¹ / ₂	+19	+19	-20	-20	-1	-1
12 ¹ / ₂	+17	+17	-18	-20	-1	-3
13 ¹ / ₂	+17	+17	-17	-17	0	0
14 ¹ / ₂	+17	+17	-17	-17	0	0
15 ¹ / ₂						
16 ¹ / ₂	+21	+21	-21	-21	0	0
17 ¹ / ₂						
18 ¹ / ₂	+25	+25	-25	-25	+0	0
19 ¹ / ₂						
20 ¹ / ₂	+25	+25	-25	-25	0	0
21 ¹ / ₂						
22 ¹ / ₂	+20	+20	-20	-20	0	0

L-605 - East

✓ HI

✓ 20

56-E

26 ¹ / ₂	+24	+24	-24	-24	0	0
25 ¹ / ₂						
24 ¹ / ₂	+16	+16	-16	-16	0	0
23 ¹ / ₂	+16	+16	-16	-16	0	0 ✓
22 ¹ / ₂	+18	+18	-16	-16	+12	+11 ✓
22	+19	+19	-18	-18	+11	+11 ✓
21 ¹ / ₂	+18	+18	-19	-19	-1	-1
20 ¹ / ₂	+14	+14	-17	-17	-3	-3
19 ¹ / ₂	+17	+17	-17	-17	0	0
18 ¹ / ₂	+18	+18	-17	-17	+11	+11
17 ¹ / ₂	+20	+20	-17	-20	+13	+13
16 ¹ / ₂	+24	+24	-25	-25	-1	-1
15 ¹ / ₂	+25	+25	-27	-27	-2	-2
14 ¹ / ₂	+23	+23	-24	-23	-1	0
13 ¹ / ₂	+20	+18	-20	-17	0	+11
12 ¹ / ₂	+20	+20	-20	-20	0	0
11 ¹ / ₂	+19	+15	-20	-18	-1	+0
10 ¹ / ₂	+18	+10	-16	-10	-3	0
9 ¹ / ₂	+10	+10	-10	-10	0	0
8 ¹ / ₂	+15	+15	-16	-16	-1	-1
7 ¹ / ₂	+16	+16	-16	-16	-0	0
6 ¹ / ₂	+14	-14	-14	-14	0	0
5 ¹ / ₂						
4 ¹ / ₂	+11	+11	-11	-11	0	0

New High East

DUB 2

Q2N-E

L-2N - East

D

W	E						
1W $\frac{1}{2}$						✓	✓
1E $\frac{1}{2}$							
2 $\frac{1}{2}$	+17	+17	-18	-17	-1	0	
3 $\frac{1}{2}$	+17	+18	-18	-20	-1	-2	
4 $\frac{1}{2}$	+18	+19	-18	-20	0	-1	
5 $\frac{1}{2}$	+20	+20	-20	-20	0	0	
6 $\frac{1}{2}$	+20	+20	-20	-20	0	0	
7 $\frac{1}{2}$	+16	+16	-16	-16	0	0	
8 $\frac{1}{2}$	+15	+15	-16	-16	-1	-1	
9 $\frac{1}{2}$	+10	+11	-17	-17	-7	-6	
10 $\frac{1}{2}$	+15	+15	-18	-18	-3	-3	
11 $\frac{1}{2}$	+16	+16	-17	-17	-1	-1	
12 $\frac{1}{2}$	+17	+17	-19	-18	-2	-1	
13 $\frac{1}{2}$	+16	+16	-16	-16	0	0	
14 $\frac{1}{2}$	+17	+17	-17	-17	0	0	
15 $\frac{1}{2}$	+16	+17	-19	-19	-3	-2	
16 $\frac{1}{2}$	+18	+17	-24	-20	-6	-3	
17 $\frac{1}{2}$	+20	+20	-20	-20	0	0	
17 $\frac{1}{2}$	+22	+22	-20	-18	+2	+4	
18 $\frac{1}{2}$	+22	+22	-24	-22	-2	0	
18 $\frac{1}{2}$	+24	+24	-24	-24	0	0	
19 $\frac{1}{2}$	+23	+26	-29	-27	-2	-1	
20 $\frac{1}{2}$	+25	+25	-25	-25	0	0	
21 $\frac{1}{2}$	+22	+22	-27	-22	0	0	
22 $\frac{1}{2}$	+18	+18	-18	-18	0	0	
23 $\frac{1}{2}$	+20	+20	-19	-19	+1	+1	
24 $\frac{1}{2}$	+24	+26	-20	-22	+4	+4	
25 $\frac{1}{2}$	+28	+27	-24	-22	+4	+5	
25 $\frac{1}{2}$	+30	+32	-30	-32	0	0	

06N-E

L-6N

E 1st, 0/1 ✓

✓

29 ¹ / ₂	+41	+41	-42	-42	-1	-1
28 ¹ / ₂						
28 ¹ / ₂	+32	+32	-32	-32	0	0
27 ¹ / ₂	+27	+27	-27	-27	0	0
26 ¹ / ₂	+26	+26	-26	-26	0	0
26 ¹ / ₂	+26	+26	-27	-26	-1	0
19 ¹ / ₂	+26	+26	-26	-26	0	0
18 ¹ / ₂	+23	+23	-28	-26	-5	-3
16 ¹ / ₂	+22	+22	-22	-22	0	0
16 ¹ / ₂	+22	+22	-22	-22	0	0
15 ¹ / ₂	+20	+20	-20	-20	0	0
14 ¹ / ₂	+20	+20	-15	-16	+14	+9
13	+17	+17	-17	-17	-6	0
12 ¹ / ₂	+18	+18	-18	-17	0	-1
12 ¹ / ₂	+19	+19	-19	-19	0	0
10 ¹ / ₂	+18	+18	-16	-15	+2	+2
9 ¹ / ₂	+12	+12	-12	-12	+2	+2
8 ¹ / ₂	+15	+15	-12	-11	+3	+4
7 ¹ / ₂	+10	+10	-10	-12	-2	-2
6 ¹ / ₂	+6	+6	-14	-14	-8	-8
5 ¹ / ₂	+9	+9	-15	-13	-6	-4
4 ¹ / ₂	+14	+14	-15	-14	-1	0
3 ¹ / ₂	+15	+15	-15	-15	0	0
2 ¹ / ₂	+19	+19	-19	-19	0	0
1 ¹ / ₂						

2

Q85 E

L-85 · E

$\frac{1}{2}$					✓	✓
$1\frac{1}{2}$	0	0	0	0	0	0
$2\frac{1}{2}$						
$3\frac{1}{2}$	+12	+12	+12	-12	0	0
$4\frac{1}{2}$	+12	+12	-10	-10	+2	+2
$5\frac{1}{2}$	+8	+11	-7	-7	+1	+5
$6\frac{1}{2}$	+2	+2	-4	-4	-2	-2
7	0	0	-0	0	0	0
$8\frac{1}{2}$	-3	-3	+3	+3	0	0
$9\frac{1}{2}$	+4	+4	-4	-5	0	-1
$10\frac{1}{2}$	0	0	-2	-2	-2	-2
$11\frac{1}{2}$	-5	-4	-2	-2	-7	-6
$12\frac{1}{2}$	+4	+3	-6	-4	-2	-1
$13\frac{1}{2}$	+2	+3	-8	-7	-6	-4
$14\frac{1}{2}$	+2	+2	-6	-8	-4	-6
$15\frac{1}{2}$	+2	+2	-8	-8	-6	-6
$16\frac{1}{2}$	+6	+8	-10	-10	-9	-7
17	+2	+3	-6	-6	-4	-3
$17\frac{1}{2}$	+7	+8	-2	-2	+5	+6
$18\frac{1}{2}$	+6	+8	+2	0	+10	+8
$19\frac{1}{2}$	+8	+8	0	0	+8	+8
$20\frac{1}{2}$	+7	+8	-12	-10	-5	-2
$20\frac{1}{2}$	+4	+5	-15	-15	-11	-10
$21\frac{1}{2}$	+5	+4	-14	-14	-9	-10
$22\frac{1}{2}$	+6	+6	-6	-6	0	0
$23\frac{1}{2}$	+4	+4	-5	-5	-1	-1
$24\frac{1}{2}$	+2	+2	-2	-2	0	0
$25\frac{1}{2}$					0	0

L-105 - E

D J

J

D10SE

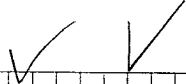
13 $\frac{1}{2}$	+25	+25	-25	-26	-1	-1
14 $\frac{1}{2}$						
15 $\frac{1}{2}$	+21	+21	-21	-21	0	0
16 $\frac{1}{2}$						
17 $\frac{1}{2}$	+1	+1	-3	-3	-2	-2
18 $\frac{1}{2}$	+6	+6	-10	-10	-4	-4
19 $\frac{1}{2}$	+15	+15	-18	-18	-3	-3
20 $\frac{1}{2}$	+22	+22	-26	-26	-4	-4
21 $\frac{1}{2}$	+22	+22	-32	-32	-10	-10
22 $\frac{1}{2}$	+22	+22	-22	-22	0	0
23 $\frac{1}{2}$	+22	+22	-22	-22	0	0

D12SE

26 $\frac{1}{2}$	+10	+10	-16	-16	-6	-6
25 $\frac{1}{2}$	+27	+27	-32	-32	-5	-5
24 $\frac{1}{2}$					0	0
23 $\frac{1}{2}$	+20	+20	-20	-20	0	0
22 $\frac{1}{2}$						
21 $\frac{1}{2}$	+41	+40	-42	-42	-1	-1
20 $\frac{1}{2}$						
19 $\frac{1}{2}$	+41	+5	-7	-7	-3	-2
18 $\frac{1}{2}$	+12	+12	-12	-12	0	0
17 $\frac{1}{2}$	+12	+12	-12	-12	0	0
16 $\frac{1}{2}$	+12		-12	-12		
15 $\frac{1}{2}$	+14	+14	-14	-14	0	0
14 $\frac{1}{2}$						

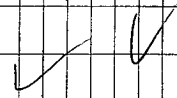
228 S E

L-28's - E



16 $\frac{1}{2}$	+19	+19	-17	-17	+2	+2
15 $\frac{1}{2}$	+18	+18	-17	-18	+1	0
14 $\frac{1}{2}$	+18	+18	-18	-18	0	0
13 $\frac{1}{2}$	+18	+18	-18	-18	0	0
12 $\frac{1}{2}$						
11 $\frac{1}{2}$	+24	+24	-25	-25	-1	-1
10 $\frac{1}{2}$						
9 $\frac{1}{2}$	+26	+26	-26	-26	0	0
8 $\frac{1}{2}$						
7 $\frac{1}{2}$	+18	+16	-18	-16	0	0
6 $\frac{1}{2}$						
5 $\frac{1}{2}$	+13	+13	-14	-13	-1	0
4 $\frac{1}{2}$						
3 $\frac{1}{2}$	+12	+12	-13	-13	-1	-1
2 $\frac{1}{2}$						
1 $\frac{1}{2}$	+15	+15	-15	-14	0	0
$\frac{1}{2}$						

236 E



$\frac{1}{2}$						
1 $\frac{1}{2}$	+9	+9	-10	-9	-1	0
2 $\frac{1}{2}$						
3 $\frac{1}{2}$	+8	+7	-9	-8	-1	-1
4 $\frac{1}{2}$	+5	+5	-6	-6	-1	-1
5 $\frac{1}{2}$	-9	-9	+11	+11	-8	-8
6 $\frac{1}{2}$	-5	-5	+6	+6	0	0
					+1	+1

LN36 W HI

L-36 N - W

LO HI

20

✓

✓

$1\frac{1}{2}$	+10	+10	-12	-11	-2	-1
$1\frac{1}{2}$						
$2\frac{1}{2}$	+10	+10	-10	-10	0	6
$3\frac{1}{2}$						
$4\frac{1}{2}$	+10	+10	-10	-10	0	0
$5\frac{1}{2}$						
$6\frac{1}{2}$	+10	+10	-10	-10	0	0
$7\frac{1}{2}$						
$8\frac{1}{2}$	+10	+10	-10	-10	0	0

~~out~~
check

line 28N

L- 28 N - W

✓

✓

$\frac{1}{2} W$	+24	+24	-24	-24	0	0
$1\frac{1}{2}$						
$2\frac{1}{2}$	+20	+20	-20	-20	0	0
$3\frac{1}{2}$						
$4\frac{1}{2}$	+16	+16	-17	-17	-1	-1
$5\frac{1}{2}$						
$6\frac{1}{2}$	+15	+15	-15	-15	0	0
$7\frac{1}{2}$						
$8\frac{1}{2}$	-15	+15	-16	-16	-1	-1
$9\frac{1}{2}$						
$\frac{1}{2} E$	+29	+29	-29	-29	0	0
$1\frac{1}{2}$						
$2\frac{1}{2}$	+35	+35	-35	-35	0	0
$3\frac{1}{2}$						
$4\frac{1}{2}$	+34	+34	-34	-35	0	0
$5\frac{1}{2}$						
$6\frac{1}{2}$	+31	+32	-32	-32	0	0
$7\frac{1}{2}$						
$8\frac{1}{2}$	+33	+33	-33	-33	0	0
$9\frac{1}{2}$						

Lin 36N

L-36N -W



$\frac{1}{2}W$	+32	+32	-32	-32	0	0
$1\frac{1}{2}$						
$2\frac{1}{2}$	+29	+29	-29	-29	0	0
$3\frac{1}{2}$						
$4\frac{1}{2}$	+22	+22	-22	-22	0	0
$5\frac{1}{2}$						
$6\frac{1}{2}$	+18	+18	-18	-18	-1	-1
$7\frac{1}{2}$						
$8\frac{1}{2}$	+18	+18	-18	-18	0	0
$9\frac{1}{2}$						
$\frac{1}{2}E$						
$1\frac{1}{2}$	+45	+45	-46	-46	-1	-1
$2\frac{1}{2}$						
$3\frac{1}{2}$	+33	+33	-33	-33	0	0
$4\frac{1}{2}$						
$5\frac{1}{2}$	+7	+7	-8	-7	-1	0
$6\frac{1}{2}$						
$7\frac{1}{2}$	-6	-6	+6	+6	0	0
$8\frac{1}{2}$						
$9\frac{1}{2}$	-14	-14	+14	+13	0	-1

L-ZON

Line ZON

✓

✓

8 $\frac{1}{2}$ W +23 +23 -24 -23 -1 07 $\frac{1}{2}$ 6 $\frac{1}{2}$ W +22 +22 -22 -23 0 -15 $\frac{1}{2}$ 4 $\frac{1}{2}$ +22 +22 -22 -22 0 03 $\frac{1}{2}$ 2 $\frac{1}{2}$ +20 +20 -20 -20 0 01 $\frac{1}{2}$ $\frac{1}{2}$ +20 +20 -20 -20 0 0 $\frac{1}{2}$ E1 $\frac{1}{2}$ +27 +27 -27 -27 0 02 $\frac{1}{2}$ 3 $\frac{1}{2}$ +30 +30 -30 -30 0 04 $\frac{1}{2}$ 5 $\frac{1}{2}$ +33 +33 -34 -34 -1 -16 $\frac{1}{2}$ 7 $\frac{1}{2}$ +32 +32 -32 -32 0 08 $\frac{1}{2}$ 9 $\frac{1}{2}$ +29 +29 -30 -30 -1 -110 $\frac{1}{2}$ 11 $\frac{1}{2}$ +27 +27 -27 -27 0 012 $\frac{1}{2}$ 13 $\frac{1}{2}$ +24 +24 -25 -25 -1 -114 $\frac{1}{2}$ 15 $\frac{1}{2}$ +14 +14 -16 -14 -2 016 $\frac{1}{2}$ 17 $\frac{1}{2}$ +9 +9 -10 -10 -1 -1

Line 16 N

L-16 N

D

J

J

E	18 $\frac{1}{2}$	+10	+10	-10	-10	0	0
	17 $\frac{1}{2}$						
	16 $\frac{1}{2}$	+10	+10	-10	-10	0	0
	15 $\frac{1}{2}$						
	14 $\frac{1}{2}$						
→	13 $\frac{1}{2}$	+11	+11	-12	-12	-1	-1
	12 $\frac{1}{2}$						
	11 $\frac{1}{2}$	+19	+19	-20	-20	-1	-1
	10 $\frac{1}{2}$						
	9 $\frac{1}{2}$	+21	+21	-21	-21	0	0
	8 $\frac{1}{2}$						
	7 $\frac{1}{2}$	+24	+24	-24	-24	0	0
	6 $\frac{1}{2}$						
	5 $\frac{1}{2}$	+30	+30	-30	-30	0	0
	4 $\frac{1}{2}$						
	3 $\frac{1}{2}$	+27	+27	-27	-28	0	0
	2 $\frac{1}{2}$						
	1 $\frac{1}{2}$	+22	+22	-22	-23	0	0
	$\frac{1}{2}$						
	$\frac{1}{2}$ W	+15	+15	-15	-15	0	0
	$\frac{1}{2}$ W						
	2 $\frac{1}{2}$	+18	+18	-18	-19	0	-1
	3 $\frac{1}{2}$						
	4 $\frac{1}{2}$	+22	+22	-22	-23	0	-1
	5 $\frac{1}{2}$						
	6 $\frac{1}{2}$						
	7 $\frac{1}{2}$						

SUB #2

L-245

July 23 19

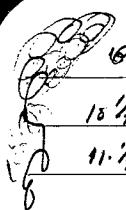
L245	H ₁	L ₀	H ₁	L ₀	H ₁	L ₀
13 1/2 W	-2	-2	+10	-8	-8	-6
12 1/2	-8	-4	-8	-4	0	0
11 1/2	-8	-5	-2	-2	-6	-3
10 1/2	-12	-10	+4	+4	-8	-6
9 1/2	-25	-20	+14	+16	-11	-4
8 1/2	-38	-34	+26	+28	-12	-6
7 1/2	-44	-44	+42	+40	-2	-4
6 1/2	-44	-44	+42	+38	-2	-
5 1/2	-42	-42	+36	+36	-6	-
4 1/2	-38	-34	+34	+32	-4	-2
3 1/2	-38	-38	+32	+34	-6	-4
2 1/2	-48	-48	+44	+44	-4	-4
1 1/2	-52	-52	+44	+46	-8	-6
1 W	-48	-48	+40	+44	-8	-
1/2 E	-42	-40	+36	+40	-6	0
1 1/2	-44	-44	+34	+36	-10	-8
2 1/2	-44	-44	+36	+38	-8	-8
3 1/2	-38	-39	+28	+32	-10	-
4 1/2	-48	-45	+38	+40	-10	-
5 1/2	-48	-46	+38	+40	-10	-
6 1/2	-52	-50	+44	+44	-8	-6
7 1/2	-48	-46	+38	+42	-10	-
8 1/2	-36	-36	+32	+34	-4	-2
9 1/2	-16	-16	+22	+28	+6	+2
10 1/2	-18	-18	+18	+22	+2	-
	-10	-8	+10	+8	0	0

11 1/2	-10	-10	+6	+6	-4	-4	
12 1/2	-32	-30	+34	+36	+2	+6	
13 1/2							
	-4	-2	0	+2	-4	-0	
16 SE	E 28	creek base of slide					
15 1/2	-20	-19	+10	+11	-10	-5	
26 1/2	-20	-28	+22	+24	-8	-4	
25 1/2	-26	-26	-22	+20	-2	-2	
24 1/2	-	-	-	-	-	-	
23 1/2	-35	-32	-32	+34	-3	-2	
22 1/2	-	-	-	-			
21 1/2	-52	-52	+48	+50	-4	-2	
20 1/2	-	-	-	-			
19 1/2	-60	-62	+60	+56	0	-6	
18 1/2	-	-	-	-			
17 1/2	-40	-42	+42	+40	+2	-2	
16 1/2	-	-	-	-			
15 1/2	-10	-12	+10	+14	0	+2	
14 1/2	-	-	-	-			
13 1/2	-15	-15	+16	+14	-1	-1	
12 1/2							
11 1/2	-2	-2	+2	+2	0	0	
10 1/2	-	-	-	-			
9 1/2	-4	-6	+4	+6	0	0	
8 1/2	-	-	-	-			
7 1/2	-10	-8	+6	+8	-4	0	

					✓	✓
6½	-	-	-	-		
5½	-6	-4	+6	+4	0	0
4½	-	-	-	-		
3½	+4	+6	-4	+8	0	+2
2½	-	-	-	-		
1½	+14	+12	-18	-20	-4	-8
½	+20	+22	-22	-20	-2	+2
½ W	-	-	-	-		
1½	+27	+27	-26	-28	+1	-1
2½	-	-				
3½	+30	+32	-28	-28	+2	+4
4½	-	-				
5½	+30	+32	-32	-34	-2	-2
6½	-	-				
7½	+12	+16	-20	-16	-8	-0
8½	+8	+12	-16	-14	-8	-2
9½	+3	+6	-8	-12	-5	-2
10½	0	+8	-12	-10	-12	-2
11½	0	+4	-8	-6	-8	-2
12½	-2	0	-6	-2	-4	-2
13½	-10	-9	+2	+4	-8	-5
14½	-22	-18	+14	+10	-8	-2
15½	-30	-27	+26	+24	-4	-3

L205

	note wrap number of				✓	✓
12 1/2 W	+10	+12	-16	-18	-6	-6
12 1/4	+5	+6	-8	-6	-3	0
11 1/2	-	-	-	-		
10 1/2	-10	-12	+8	+8	-2	-4
9 1/2	-	-	-	-		
8 1/2	-26	-25	+24	+26	-2	-1
7 1/2	-	-	-	-		
6 1/2	-46	-44	+40	+42	-6	-2
5 1/2	-	-	-	-		
4 1/2	-48	-48	+40	+46	-8	-2
3 1/2	-54	-54	+50	+50	-4	-4
2 1/2	-	-	-	-		
1 1/2	-52	-50	+52	+48	0	-2
W 1/2	-	-	-	-		
E 1/2	-44	-44	+36	+38	-8	-6
1 1/2	-46	-46	+42	+44	-4	-2
2 1/2	-	-	-	-		
3 1/2	-40	-38	+36	+40	-4	-2
4 1/2	-	-	-	-		
5 1/2	-16	-16	+12	+14	-4	-2
6 1/2	-16	-15	+10	+12	-6	-3
7 1/2	-14	-11	+6	+8	-8	-3
8 1/2	+10	-17	+14	+17	-6	0
9 1/2	-30	-28	+22	+22	-8	-6



10 1/2	-30	-28	+20	+24	-2	-4
11 1/2 E	-22	-24	+22	+20	0	-2
L8S						
1/2 W	-10	-6	+2	+4	-8	-2
1 1/2	-20	-18	+18	+16	-2	-2
2 1/2	-	-	-	-	-	-
3 1/2	-14	-13	+12	+14	-2	+1
4 1/2	-	-	-	-	-	-
5 1/2	-10	-10	+8	+8	+2	+2
6 1/2	-	-	-	-	-	-
7 1/2	-6	-5	+6	+6	0	+1
8 1/2	-	-	-	-	-	-
9 1/2	-4	-3	+4	+2	0	-1
10 1/2	-	-	-	-	-	-
11 1/2	0	+1	-2	-2	-2	-1
12 1/2	-	-	-	-	-	-
13 1/2	+2	+2	-4	-4	+2	-4
14 1/2	-4	-4	+2	+2	-2	-2
15 1/2	-	-	-	-	-	-
16 1/2	-25	-25	+22	+24	-3	-1
17 1/2	-	-	-	-	-	-
18 1/2	-33	-30	+30	+32	-3	+2
19 1/2	-43	-44	+43	+42	-3	-2
20 1/2						

Diary

July 24

20						✓	✓
20 $\frac{1}{2}$	-36	-36	+32	+32		-4	-4
21 $\frac{1}{2}$	-42	-42	+40	+38		-4	-4
22 $\frac{1}{2}$	-	-	-	-		-	-
23 $\frac{1}{2}$	-42	-42	+42	+40		-0	-2
24 $\frac{1}{2}$	-	-	-	-		-	-
25 $\frac{1}{2}$	-34	-34	+32	+30		-2	-4
26 $\frac{1}{2}$	-	-	-	-		-	-
27	-34	-34	+34	+32		0	-2
28	-	-	-	-		-	-
29	-42	-44	+42	+41		0	-3
30	-	-	-	-		-	-
31 $\frac{1}{2}$	-50	-52	+48	+50		-2	-2
32 $\frac{1}{2}$	-	-	-	-		-	-
33 $\frac{1}{2}$	-52	-52	+46	+44		-4	-8
34 $\frac{1}{2}$	-52	-54	+50	+50		-2	-4
35 $\frac{1}{2}$	-54	-55	+46	+48		-8	-7
36 $\frac{1}{2}$	-54	-54	+48	+50		-6	-4
37 $\frac{1}{2}$	-55	-55	+50	+50		-5	-5
38 $\frac{1}{2}$	-54	-55	+48	+47		-6	-7
39 $\frac{1}{2}$	-52	-51	+50	+48		-2	-3

DDb I

					✓	✓
L 11 N	+34	+34	-40	-42	-6	-8
...	+32	+32	-34	-36	-2	-2
U ...	-	-	-	-		
51 ...	+28	+30	-32	-34	-4	-9
...	-	-	-	-		
...	+26	+27	-28	-28	-2	-1
...	-	-	-	-		
...	+22	+24	-24	-26	-2	-2
...	-	-	-	-		
...	+20	+22	-26	-24	-6	-4
...	+20	+22	-28	-26	-8	-4
...	+16	+20	-22	-20	-6	0
2 1/2	+14	-16	-20	-22	-6	-6
1 1/2	+12	+12	-14	-15	-2	-3
30 ...	+10	+11	-14	-16	-4	-5
29 ...	+10	-12	-16	-16	-6	-4
28 ...	+14	+16	-20	-18	-6	-2
27 1/2	+18	-18	-20	-20	-2	-2
26 1/2	+16	+16	-18	-18	-2	-2
25 1/2	-	-	-	-		
24 1/2	+12	+12	-14	-16	-2	-4
23 1/2	-	-	-	-		
22 1/2	+11	+13	-14	-16	-3	-3
...	-	-	-	-		
7 ...	+18	+20	-22	-24	-4	-4

✓ ✓

19½	+20	+22	-20	-24	0	-2
18½	-	-	-	-		
17½	+12	+12	-14	-14	-2	-2
16½	-	-	-	-		
15½	+12	+12	-16	-16	-4	-4
14½	-	-	-	-		
13½	+13	+13	-16	-18	-4	-5
12½	+18	+20	-22	-24	-4	-4
11½	+22	+24	-26	-26	-4	-2
10½	+18	+20	-20	-24	-2	-4
9½	-	-	-	-		
8½	-11	-9	+8	+8	-3	-1
7½	-	-	-	-		
6½	-12	-11	+10	+10	-2	-1
5½	-	-	-	-		
4½	+8	+8	-10	-12	-2	-4
3½	-	-	-	-		
2½	0	+2	-6	-4	-6	-2
1½	-5	-4	0	0	-5	-4

DUB 1

L8N					✓	✓
1 1/2	-16	-16	+12	+14	-9	-2
2 1/2	-	-	-	-		
3 1/2	-33	-32	+30	+32	-3	0
4 1/2	-	-	-	-		
5 1/2	-30	-28	+30	+28	0	0
6 1/2	-	-	-	-		
7 1/2	-14	-14	+12	+12	-2	-2
8 1/2	-	-	-	-		
9 1/2	-2	-2	+4	+2	+2	0
10 1/2	-	-	+	-		
11 1/2	-10	-8	+6	+4	-4	-4
12 1/2	-	-	-	-		
13 1/2	-24	-24	+20	+22	-4	-2
14 1/2	-	-	-	-		
15 1/2	-48	-48	+46	+46	-2	-2
16 1/2	-	-	-	-		
17 1/2	-38	-38	+36	+34	-2	-4
18 1/2	-	-	-	-		
19 1/2	-22	-22	+20	+20	-2	-2
20 1/2	-	-	-	-		
21 1/2	-20	-28	+30	+28	0	0
22 1/2	-	-	-	-		
23 1/2	-42	-42	+40	+40	0	-2
24 1/2	-	-	-	-		

25 1/2	-43	-41	+40	-38	-3	-6
26 1/2	-43	-39	+40	+42	-2	-3
27 1/2	-40	-40	+42	+40	-2	0
28 1/2	-40	-40	+38	-36	-2	-4
29 1/2	-	-	-	-		
30 1/2	-44	-46	+42	+40	0	-6
31 1/2	-	-	-	-		
32 1/2	-40	-38	+40	+38	0	0
33 1/2	-	-	-	-		
34 1/2	-40	-38	+36	+38	-4	0
35 1/2	-	-	-	-		
36 1/2	-52	-50	+43	+44	-10	-6
37 1/2	-48	-48	+40	+42	-8	-6
38 1/2	-46	-40	+42	+40	-4	0
39 1/2	-42	-44	+42	+40	0	-4
40 1/2	-46	-44	+46	+44	0	0
41 1/2	-	-	-	-		
42 1/2	-46	-44	+44	+40	-2	-2
43 1/2	-46	-44	+44	+44	+2	+4

Doubt

✓ ✓

12N

43 1/2	+30 +30	-34	-32	-9	-2
-	-	-	-		
41 1/2	+83 +23	-28	28	-5	-5
40 1/2	+18 +20	-24	-24	-6	-4
39 1/2	+16 +20	-26	-28	-10	-8
38 1/2	+18 +21	-30	-26	-12	-5
37 1/2	+18 +18	-20	-20	-2	-2
36 1/2	+16 +14	-18	-20	-2	-1
35 1/2	+18 +21	-28	-26	-10	-5
34 1/2	+24 +24	-20	-28	+4	-4
33 1/2	+28 +24	-30	-30	-2	-1
32 1/2	+30 +30	-32	-32	-2	-2
31 1/2	-	-	-		
30 1/2	+28 +29	-30	-30	-2	-1
29 1/2	-	-	-		
28 1/2	+22 +27	-26	-26	-4	-4
27 1/2	-	-	-		
26 1/2	+16 -16	+16	+14	0	-2
↑ 25 1/2	-	-	-		
24 1/2	-18 -20	+14	+16	-4	-4
23 1/2	+6 -6	+4	+4	-2	-2
22 1/2	-	-	-		
21 1/2	-7 -8	+6	+4	-1	-4
20 1/2	-	-	-		

note 2 stations 25

$19\frac{1}{2}$	0	+2	-4	-4	-4	-2
$18\frac{1}{2}$	-	-	-	-		
$17\frac{1}{2}$	-8	+7	-10	-12	-2	-5
$16\frac{1}{2}$	-	-	-	-		
$15\frac{1}{2}$	-8	-6	+4	+4	-4	-2
$14\frac{1}{2}$	-	-	-	-		
$13\frac{1}{2}$	-4	-4	0	0	-4	-4
$12\frac{1}{2}$	-	-				
$11\frac{1}{2}$	0	0	-3	-4	-3	-4
$10\frac{1}{2}$	+14	+10	-16	-18	-2	-4
$9\frac{1}{2}$	-	-	-	-		
$8\frac{1}{2}$	+4	+16	+16	-18	-2	-2
$7\frac{1}{2}$	-	-	-	-		
$6\frac{1}{2}$	+12	+14	-16	-16	-4	-2
$5\frac{1}{2}$	-	-	-	-		
$4\frac{1}{2}$	+4	+6	-6	-8	-2	-2
$3\frac{1}{2}$	-	-	-	-		
$2\frac{1}{2}$	-2	-2	0	0	-2	-2
$1\frac{1}{2}$						

✓ ✓

ANT

L36					✓	✓
8 1/2 ^E	-24	-23	+24	+20	0	-3
7 1/2	-18	-18	+18	+20	0	+2
6 1/2	-20	-19	+16	+18	-4	-1
5 1/2	-20	-20	+16	+20	-4	0
4 1/2	-24	-24	+20	+20	-4	-4
3 1/2	-24	-22	+22	+20	-2	-4
2 1/2	-22	-22	+20	+18	-2	-4
1 1/2	-22	-22	+14	+15	-8	-7
1/2	-20	-18	+16	+16	-4	-2
1/3	-20	-18	+16	+14	-4	-4
1/4	-24	-21	+18	+16	-6	-5
2 1/4	-22	-21	+16	+16	-6	-5
3 1/4	-21	-20	+12	+14	-9	-6
4 1/4	-23	-24	+18	+20	-5	-4
5 1/4	-26	-26	+16	+20	-10	-6
6 1/4	-24	-24	+10	+14	-14	-10
7 1/4	-24	-24	+14	+18	-10	-6
8 1/4 ^W	-24	-22	+22	+22	-2	-0

Tak

By T. Lightfoot

July 31

LGBS						
1/2 W	-42	-40	+24	+30	-18	-10
1 1/2	-44	-44	+30	+34	-14	-10
2 1/2	-44	-41	+38	+40	-6	-1
3 1/2	-42	-40	+36	+38	-6	-2
4 1/2	-40	-38	+24	+28	-16	-10
5 1/2	-40	-38	+26	+28	-14	-10
6 1/2	-37	-35	+30	+32	-7	-5
7 1/2	-35	-33	+24	+24	-11	-5
8 1/2	-34	-32	+28	+30	-6	-3
9 1/2	-33	-31	+30	+28	-3	-3
10 1/2	-30	-30	+28	+30	-2	0
11 1/2	-28	-28	+24	+22	-4	-6
12 1/2	-30	-30	+24	+24	-6	-6
13 1/2	-28	-28	+26	+24	-2	-4
14 1/2	-27	-28	+28	+26	+1	-2
15 1/2	-27	-28	+26	+24	-1	-4
16 1/2	-27	-27	+24	+26	-3	-1
17 1/2	-26	-26	+26	+24	0	-2
18 1/2	-24	-25	+24	+26	0	+1
19 1/2	-24	-23	+24	+24	0	+1
20	-22	-20	+22	+20	0	0
21 1/2	-20	-18	+16	+18	-4	0
22 1/2	-18	-16	+12	+12	-6	-4
23 1/2	-13	-14	+8	+10	-5	-4

24 1/2	-14	-14	+10	+10	-4	-4
25 1/2	-16	-14	+10	+12	-6	-2
26 1/2	-16	-16	+14	+16	-2	-0
27 1/2	-18	-18	+18	+16	0	-2
28 1/2	-21	-20	+18	+18	-3	-2

L72W

28 1/2	+8	-8	-10	-12	-2	-4
27 1/2	-	-	-	-	-	-
26 1/2	+10	+10	-12	-14	-2	-4
25 1/2	-	-	-	-	-	-
24 1/2	+8	+10	-14	-14	-6	-6
23 1/2	+3	+3	-12	-10	-9	-3
22 1/2	+2	+2	-8	-6	-6	-4
21 1/2	0	0	-4	-2	-11	-2
20 1/2	+5	+5	-10	-8	-5	-3
19 1/2	+6	+7	-10	-10	-4	-3
18 1/2	+8	+10	-10	-12	-2	-2
17 1/2	+6	+8	-12	-10	-6	-2
16 1/2	+6	+6	-14	-12	-8	-6
15 1/2	+7	+6	-10	-10	-3	-4
14 1/2	+8	+8	-10	-12	-2	-4
13 1/2	+10	+11	-12	-14	-2	-3
12 1/2	+13	+13	-10	-14	-3	-1
11 1/2	+15	+15	-18	-18	-3	-3

37 } 35
34 }
33 }
32 }
31 }
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28 }
27 }
26 }
25 }
24 }
23 }
22 }
21 }
20 }
19 }
18 }
17 }
16 }
15 }
14 }
13 }
12 }
11 }

10 1/2	-15	-10	-15	-	-3	-4
9 1/2	-13	-15	-22	-	-9	-7
8 1/2	-11	-10	-20	-18	-9	-8
7 1/2	-11	-10	-16	-14	-6	-4
6 1/2	-7	-10	-14	-16	-7	-6
5 1/2	-6	+9	-12	-14	-6	-5
4 1/2	-5	-8	-14	-16	-9	-8
3 1/2	-5	+10	-22	-20	-17	-10
2 1/2	-2	+12	-20	-20	-18	-8
1 1/2	+2	+12	-26	-24	-24	-14
1/2	-8	+18	-36	-37	-28	-14

L 72 E

1 1/2	+ -	+12	-34	-30	-26	-18
1 1/2	+6	+6	-30	-26	-24	-20
2 1/2	0	+10	-28	-26	-28	-16
3 1/2	-2	+8	-26	-24	-24	-16
4 1/2	-8	+2	-24	-20	-16	-18
5 1/2	-4	+2	-22	-18	-18	-14
6 1/2	0	+3	-16	-12	-16	-9
7 1/2	-4	-1	-10	-8	-14	-9
8 1/2	-8	-2	-8	-6	-16	-8
9 1/2	-4	0	-12	-10	-16	-10
10 1/2	-4	0	-12	-10	-16	-10
11 1/2	-4	0	-8	-6	-12	-6

12 1/2	-4	11	-12	-8	16	-7
13 1/2	-2	14	-12	-8	-14	-4
14 1/2	0	13	-14	-10	-14	-7
15 1/2	0	15	-14	-8	-4	-3
16 1/2	+4	15	-14	-10	-9	-5
17 1/2	+2	14	-6	-6	-4	-2
18 1/2	1					
19 1/2	0	0	-4	-2	-4	-2
20 1/2	+3	+3	-4	-4	-1	-1
21 1/2	+4	+3	-6	-4	-3	-1
22 1/2	+8	+8	-12	-10	-4	-2
23 1/2	+5	+6	-6	-8	-1	-2
24 1/2	0	0	-2	-4	-2	-4
25 1/2	0	0	0	0	0	0
26 1/2	-	-	-	-	-	-
27 1/2	-10	-10	+8	+10	-2	-0
28 1/2	-14	-14	+10	+12	-4	-2
L68 E						
28 1/2	-4	-2	0	-2	-4	-4
27 1/2	-	-	-	-	-	-
26 1/2	+2	+3	-4	-6	-1	-3
25 1/2	-	-	-	-	-	-
24 1/2	-3	-3	+4	+2	+1	-1
23 1/2	-	-	-	-	-	-

note 2 stations 20

21 1/2	-8	-7	0	+2	-8	-6
21 1/2	-12	-12	+10	+8	-2	-4
20 1/2	-18	-18	+10	+14	-8	-4
20 1/2	-28	-28	+24	+20	-4	-2
19 1/2	-29	-30	+30	+32	+1	+2
18 1/2	-30	-30	+30	+28	0	-2
17 1/2	-26	-26	+24	+22	-2	-4
16 1/2	-28	-28	+20	+22	-8	-6
15 1/2	-28	-36	+28	+32	0	+4
14 1/2	-32	-30	+24	+22	-8	-8
13 1/2	-34	-20	+24	+28	-10	-2
12 1/2	-34	-30	+24	+20	-10	-4
11 1/2	-35	-31	+24	+20	-11	-5
10 1/2	-34	+30	+24	+26	-10	-4
9 1/2	-33	+29	+24	+28	-9	-1
8 1/2	-28	-27	+24	+24	-4	-3
7 1/2	-29	-27	+20	+22	-9	-5
6 1/2	-28	-27	+20	+22	-8	-5
5 1/2	-30	-26	+18	+22	-12	-4
4 1/2	-30	-30	+22	+24	-8	-6
3 1/2	-34	-32	+24	+36	-10	+4
2 1/2	-40	-36	+22	+24	-18	-12
1 1/2	-40	-38	+22	+24	-18	-14
1/2	-42	-38	+30	+28	-12	-10

L64 E						
1/2	0	+4	-14	-12	-14	-8
1 1/2	+2	+6	-10	-10	-8	-4
2 1/2	+3	+6	-10	-10	-7	-4
3 1/2	+3	+6	-10	-14	-13	-8
4 1/2	+2	+6	-14	-12	-12	-6
5 1/2	+2	+5	-12	-10	-10	-5
6 1/2	+3	+6	-16	-18	-13	-12
7 1/2	+6	+8	-18	-22	-12	-14
8 1/2	+8	+10	-24	-20	-16	-10
9 1/2	+10	+12	-22	-20	-12	-8
10 1/2	+10	+12	-16	-14	-6	-2
11 1/2	+11	+13	-16	-14	-5	-1
12 1/2	+12	+13	-14	-14	-2	-1
13 1/2	+9	+10	-14	-12	-5	-2
14 1/2	+6	+8	-8	-10	-2	-2
15 1/2	+7	+6	-10	-10	-3	-4
16 1/2	+4	+4	-8	-6	-4	-2
17 1/2	0	0	-4	-4	-4	-4
18 1/2	-8	-8	+4	+4	-4	-4
19 1/2	-	-	-	-	-	-
20 1/2	-18	-19	+18	+20	0	-1
21 1/2	-	-	-	-	-	-
22 1/2	-21	-20	+22	+20	+1	0
23 1/2	-	-	-	-	-	-

24 1/2	-21	-23	-22	+24	21	+1
25 1/2	-	-	-	-	-	-
26 1/2	-20	-21	+20	+22	0	+1
27 1/2	-	-	-	-	-	-
28 1/2	-15	-14	+15	-14	0	0
L60E						
28 1/2	-7	-8	0	+2	-7	-6
27 1/2	-5	-5	+2	+4	-3	-1
26 1/2	-	-	-	-	-	-
25 1/2	+2	+3	-4	-6	-2	-3
24 1/2	-	-	-	-	-	-
23 1/2	+6	+6	-4	-6	+2	0
22 1/2	-	-	-	-	-	-
21 1/2	+4	+2	-6	-4	-2	-6
20 1/2	-	-	-	-	-	-
19 1/2	-2	0	-4	-6	-6	-6
18 1/2	0	0	-2	0	-2	0
17 1/2	-	-	-	-	-	-
16 1/2	-4	-4	+2	0	-4	-4
15 1/2	-	-	-	-	-	-
cr 14 1/2	-14	-13	+12	+12	-2	-1
13 1/2	-	-	-	-	-	-
12 1/2	-32	-32	+24	+28	-8	-4
11 1/2	-38	-38	+34	+36	-4	-6



10 1/2	-38	-38	+38	+36	0	-2	
9 1/2	-38	-38	+36	+34	-2	-4	
8 1/2	-34	-33	-34	+30	0	-3	
7 1/2	-34	-36	-28	+30	-6	-6	
6 1/2	-35	-38	+32	+34	-3	-4	
5 1/2	-38	-38	+36	-34	-2	-4	
4 1/2	-38	-38	+36	+40	-2	+2	
3 1/2	-40	-35	+28	+30	+2	-5	
2 1/2	-35	-33	-22	+26	-13	-7	
1 1/2	-30	-28	-22	+20	-8	-8	
1/2	-25	-22	+20	+18	-5	-4	

L 80 E

Aug 10

L N E	1/2	-6	+3	-34	-36	-40	-33
	1 1/2	-6	0	-33	-30	-39	-30
	2 1/2	-6	-2	-34	-28	-40	-30
	3 1/2	-10	-5	-31	-26	-41	-31
cr	4 1/2	-10	-4	-30	-28	-40	-32
	5 1/2	-10	-6	-25	-20	-35	-26
	6 1/2	-10	-10	-24	-14	-34	-28
	7 1/2	-13	-10	-24	-18	-36	-28
	8 1/2	-14	-10	-12	-2	-26	-12
	9 1/2	-16	-8	-4	0	-20	-8
	10 1/2	-16	-7	-2	0	-18	-7
	11 1/2	-17	-12	0	+4	-17	-8



12½	-16	-10	-2	+3	-18	-7
13½	-17	-11	0	+3	-17	-8
14½	-20	-14	+6	+8	-14	-8
15½	-20	-16	+4	+6	-16	-10
16½	-18	-14	0	+4	-16	-10
17½	-15	-11	-2	+2	-17	-9
18½	-10	-6	-5	-2	-15	-8
19½	-9	-6	-4	0	-13	-6
20½	-6	-4	-5	-2	-11	-6
21½	-4	-5	-4	-2	-8	-7
22½	-4	-2	-2	0	-6	-4
23½	-4	-2	-5	-3	-9	-5
24½	0	-2	-2	-3	-2	-5
25½	+2	-1	-2	0	-4	-1
26½	-4	-6	+3	+3	-3	-3
27½	-4	-6	+1	+3	-5	-3
	-4	-3	+5	-5	+1	+2
28½	+2	-2	-1	-2	-3	-4
	+1	0	0	-2	-1	-3

488E

25½	-27	-26	+24	+24	-3	-2
27½	-26	-23	-20	+21	-6	-2
26½	-26	-24	+18	+20	-8	-4
25½	-27	-27	+20	+22	-8	-3
24½	-27	-26	-16	+19	-11	-7
23½	-30	-26	-18	+20	-12	-6

22 1/2	-33	-28	-23	+22	-10	-6
21 1/2	-32	-30	-14	-23	-13	-7
20 1/2	-31	-29	-22	+24	9	-5
19 1/2	-32	-30	-23	+25	-9	-5
18 1/2	-30	-28	+24	+26	-6	-2
17 1/2	-30	-25	+20	-22	-10	-3
16 1/2	-30	-26	-18	-20	-12	-6
15 1/2	-30	-22	-14	+18	-16	-4
14 1/2	-30	-25	+4	+12	-26	-13
13 1/2	-32	-25	+10	+4	-32	-11
12 1/2	-30	-30	+10	+16	-20	-14
11 1/2	-30	-33	-16	+20	-14	-13
10 1/2	-34	-34	+22	+26	-12	-8
9 1/2	-34	-36	+22	+25	-17	-9
8 1/2	-34	-32	+20	+20	-14	-12
7 1/2	-32	-30	-18	+25	-14	-5
6 1/2	-24	-22	+16	+15	-8	-7
5 1/2	-20	-18	+10	-12	-10	-6
4 1/2	-17	-16	+10	+13	-7	-3
3 1/2	-16	-14	+9	+10	-7	-4
2 1/2	-14	-13	+8	+10	-6	-3
1 1/2	-15	-14	+9	+7	-6	-7
E 1/4	-15	-14	+10	+10	-5	-4
W 1/2	-15	-14	+9	+12	-6	-2
1/2	"	"	+10	+11	-5	-3

2 1/2	-12	-12	+8	+10		-4	-2	
3 1/2	-13	-13	+7	+6		-6	-6	
4 1/2	-12	-12	+8	+9		-4	-3	
5 1/2	-14	-14	+7	+9		-7	-5	
6 1/2	-15	-14	+8	+10		-7	-4	
7 1/2	-16	-14	+8	+11		-8	-3	
8 1/2	-14	-14	+9	+9		-5	-5	
9 1/2	-12	-10	+6	+6		-6	-4	
10 1/2	-12	-10	+5	+7		-8	-3	
11 1/2	-16	-12	+5	+8		-9	-4	
12 1/2	-22	-18	+15	+14		-7	-4	
13 1/2	-28	-24	+17	+21		-9	-4	
14 1/2	-34	-30	+23	+25		-11	-5	
15 1/2	-38	-32	+28	+30		-10	-2	
16 1/2	-42	-38	+30	+33		-12	-5	
17 1/2	-42	-40	+32	+35		-10	-5	
18 1/2	-42	-42	+31	+34		-11	-8	
19 1/2	-42	-39	+29	+30		-13	-9	
20 1/2	-40	-38	+28	+30		-12	-8	
21 1/2	-38	-36	+27	+29		-11	-7	
22 1/2	-37	-36	+26	+27		-11	-9	
23 1/2	-40	-37	+29	+31		-11	-6	
24 1/2	-40	-36	+32	+34		-8	-2	
25 1/2	-42	-42	+31	+35		-11	-9	
26 1/2	-40	-38	+32	+34		-8	-4	

27 1/2						
28 1/2						
L 80 2 1/2						
28 1/2	+18	+20	-26	-25	-8	-5
27 1/2	+16	+18	-25	-22	-9	-4
26 1/2	+12	+14	-22	-19	-10	-5
25 1/2	+8	+14	-19	-16	-11	-2
24 1/2	+6	+10	-20	-17	-14	-7
23 1/2	+6	+10	-22	-18	-16	-8
22 1/2	+6	+12	"	"	-16	-6
21 1/2	+8	+10	-20	-16	-12	-6
20 1/2	+6	+10	-20	-16	-14	-6
19 1/2	+4	+8	-18	-14	-14	-6
18 1/2	+4	+9	-16	-14	-12	-5
17 1/2	+5	+8	-16	-13	-11	-5
16 1/2	+5	+8	-12	-12	-7	-4
15 1/2	+4	+6	-14	-13	-10	-7
14 1/2	+6	+6	-14	-7	-8	-1
13 1/2	+5	+6	-12	-10	-7	-4
12 1/2	+4	+4	-10	-10	-6	-6
11 1/2	+2	+4	-7	-7	-5	-3
10 1/2	+3	+4	-10	-7	-7	-3
9 1/2	+2	+4	-10	-8	-8	-4
8 1/2	+2	+3	-9	-7	-7	-4

Chill at Station 41

	1/2	+4	+4	-12	-8	-8	-4
	2/2	+5	+5	-15	-12	-10	-6
	3/2	+4	+0	-19	-16	-15	-10
	4/2	+2	+5	-18	-16	-16	-11
	5/2	0	+3	-22	-16	-22	-13
↑	6/2	-1	+2	-20	-17	-21	-15
N	1/2	-2	+4	-24	-21	-26	-17
↓	2/2	-5	+2	-25	-22	-30	-20

L 96 W

	1/2	-22	-20	+18	+20	-4	0
	1 1/2	-22	-21	+17	+18	-5	-3
	2 1/2	-22	-20	+15	+17	-7	-3
	3 1/2	-20	-12	+13	+15	-7	-3
	4 1/2	-18	-16	+10	+11	-8	-5
	5 1/2	-16	-14	+8	+8	-8	-6
	6 1/2	-14	-12	+7	+5	-11	-7
	7 1/2	-14	-12	+7	+5	-12	-7
	8 1/2	-12	-12	+6	+7	-9	-5
	9 1/2	-19	-15	+4	+6	-15	-9
	10 1/2	-18	-15	+4	+6	-14	-9
	11 1/2	-17	-15	+2	+5	-15	-10
	12 1/2	-15	-14	+3	+5	-12	-9
	13 1/2	-14	-13	0	+3	-14	-10
	14 1/2	-16	-14	+1	+4	-14	-10

15 1/2	-22	18	+16	+7	-16	-11
16 1/2	23	-22	+12	+14	-11	-8
17 1/2	-24	22	+10	+13	-14	-9
18 1/2	-24	-22	+15	+18	-9	-4
19 1/2	25	-23	+15	+16	-10	-7
20 1/2	-30	-28	+21	+22	-9	-6
21 1/2	-33	-30	+25	+26	-8	-4
22 1/2	-35	-33	+27	+30	8	-3
23 1/2	34	-32	-28	-26	-9	-6
24 1/2	28	30	+21	+23	-7	-7
25 1/2	-32	-31	+27	+29	-5	-2
26 1/2	30	-29	+26	+26	-4	-3
27 1/2	-32	30	+28	+30	-4	0
28 1/2	-30	30	+29	+30	-1	0

L 104 W

28 1/2	-20	-18	+15	+16	-5	-2
27 1/2	-24	-20	+20	+19	-4	-1
26 1/2	-23	-20	+18	+19	-5	-1
25 1/2	-23	-23	+21	+20	-2	-3
24 1/2	-19	-19	+14	+16	-5	-3
23 1/2	-12	-12	+7	+8	-5	-4
22 1/2	-6	-2	-6	-5	-13	-7
20 1/2	-6	0	-5	-4	-11	-4
20 1/2	-8	-4	-6	-4	-12	-8

19 1/2	-12	-8	-1	+2	13	-6
18 1/2	-8	-4	-4	-2	-10	-6
17 1/2	-8	-4	-2	0	-10	-4
16 1/2	-7	-2	-8	-5	-15	-7
15 1/2	-8	-2	-8	-6	-16	-8
14 1/2	-13	-10	-4	-1	-17	-11
13 1/2	-13	-10	0	+2	-13	-8
12 1/2	-15	-12	+2	+2	-13	-8
11 1/2	-16	-12	+2	+5	-14	-7
10 1/2	-14	-10	+4	+6	-10	-4
9 1/2	-14	-10	+5	+6	-9	-4
8 1/2	-12	-8	+5	+7	-7	-3
7 1/2	-10	-7	0	+2	-10	-5
6 1/2	-5	-3	-2	-2	-7	-5
5 1/2	-2	0	-6	-5	-8	-5
4 1/2	+3	+4	-10	-10	-7	-6
3 1/2	+5	+5	-14	-12	-4	-7
2 1/2	+6	+7	-16	-14	-10	-7
1 1/2	+5	+6	-14	-17	-9	-11
1/2	+6	+6	-16	-16	-10	-10
1/2	+8	+10	-16	-4	-8	-6
1 1/2	+4	+8	-18	-16	-14	-8
2 1/2	+12	+14	-20	-20	-8	-4
3 1/2	+13	+16	-22	-20	-9	-4
4 1/2	+18	+18	-23	-20	-15	0

	5½	+6	+13	-24	-20	-18	-7
	6½	+5	+10	-23	-19	-18	-9
NH	7½	+5	+10	-20	-18	-15	-8
	8½	+4	9	-16	-15	-12	-7
	9½	+8	+10	-15	-13	-7	-3
	10½	+4	+7	-14	-7	-10	0
	11½	+4	+6	-12	-10	-8	-4
	12½	+4	+8	-12	-12	-8	-4
	13½	+4	+8	-14	-13	-10	-5
	14½	-6	+8	-13	-14	-7	-6
	15½	+4	+6	-12	-9	-8	-3
	16½	+3	+5	-10	-7	-7	-2
	17½	-3	+6	-9	-8	-6	-3
	18½	+6	+8	-10	-12	-10	-4
	19½	+9	+10	-14	-14	-5	-4
	20½	+8	+10	-14	-16	-6	-6
	21½	+6	+6	-10	-10	-4	-0
	22½	+3	+4	-8	-7	-5	-3
CV	23½	-4	+4	-6	-5	-2	-1
2L	24½	+3	+2	-4	-4	-1	-1
	25½	+2	-2	-5	-4	-3	-2
	26½	-	-	-	-		
	27½	-2	+2	-2	-3	0	-1
	28½	+2	-2	0	-2	-4	-2

L112 E

28%	-29	-30	+30	+28	-1	-2
27%	-	-	-	-	-	-
26%	-30	-30	+29	+30	-1	0
25%	-	-	-	-	-	-
24%	-30	-30	+28	+28	-2	-2
23%	-	-	-	-	-	-
22%	-25	-25	+22	+22	-3	-3
21%	-	-	-	-	-	-
20%	-23	-23	+21	+23	-2	0
19%	-	-	-	-	-	-
18%	-26	-26	+25	+24	-1	-2
17%	-	-	-	-	-	-
16%	-32	-28	+24	+26	-8	-2
15%	-32	-30	+21	+24	-11	-6
14%	-32	-30	+23	+25	-9	-5
13%	-30	-30	+22	+25	-8	-5
12%	-30	-28	+19	+21	-11	-7
11%	-26	-24	+18	+20	-8	-4
10%	-26	-24	+21	+22	-5	-2
9%	-27	-26	+24	+24	-3	-2
8%	-28	-27	+24	+25	-4	-2
7%	-24	-22	+17	+20	-7	-2
6%	-20	-17	+14	+15	-6	-2
5%	-20	-17	+14	+16	-6	-1
4%	-20	-17	+17	+18	-3	+1

3 $\frac{1}{2}$	-21	-19	+20	+20	-1	+1
4 $\frac{1}{2}$	-18	-15	+12	+14	-6	-1
4 $\frac{1}{2}$	-17	-15	-10	+12	-7	-3
E 4 $\frac{1}{2}$	-14	-12	+10	+10	-4	-2
5 $\frac{1}{2}$	-20	-18	-18	+17	-2	-1
14 $\frac{1}{2}$	-15	-14	+10	+12	-5	-2
2 $\frac{1}{2}$	-18	-17	+16	+16	-2	-1
3 $\frac{1}{2}$	-16	-16	+14	+14	-2	-2
4 $\frac{1}{2}$	-16	-15	+12	+14	-4	-1
5 $\frac{1}{2}$	-12	-10	+6	+6	-6	-4
6 $\frac{1}{2}$	+2	+2	-7	-6	-5	-4
7 $\frac{1}{2}$	0	+3	-8	-6	-8	-3
8 $\frac{1}{2}$	-11	-12	+6	+7	-5	-5
9 $\frac{1}{2}$	-4	-2	-2	-4	-6	-6
10 $\frac{1}{2}$	-9	-8	+3	+5	-6	-3
11 $\frac{1}{2}$	-21	-18	16	16	-5	-2
12 $\frac{1}{2}$	-30	-28	+24	+26	-6	-2
13 $\frac{1}{2}$	-32	-30	+28	+20	-4	0
14 $\frac{1}{2}$	-25	-23	+20	+20	-5	-3
15 $\frac{1}{2}$	-8	-8	-7	+8	-1	0
16 $\frac{1}{2}$	-	-	-	-	lake	
17 $\frac{1}{2}$	-11	-9	0	+2	-11	-7
18 $\frac{1}{2}$	-18	-16	+8	+10	-10	-6
19 $\frac{1}{2}$	-28	-24	+22	+22	-6	-2
20 $\frac{1}{2}$	-21	-18	+18	+17	-6	-1

21 1/2	-18	-14	+14	+16	-4	+2
22 1/2	-8	-6	+6	+6	-2	0
23 1/2	-12	-10	+5	+6	-7	-4
24 1/2	-12	-11	+7	+8	-5	-2
25 1/2	-12	-10	+8	+9	-4	-1
26 1/2	-8	-6	-5	+5	-3	-2
27 1/2	-14	-12	+10	+10	-4	-2
28 1/2	25	22	+20	+20	-5	-2

13L5

11 1/2

110 1/2	-34	-31	-30	+30	-4	-1
109 1/2	-30	-29	-22	+24	-8	-3
108 1/2	-25	-22	+15	+18	-10	-4
107 1/2	-20	-19	-15	-12	-5	-2
106 1/2	-24	-21	-17	-18	-7	-3
105 1/2	-30	-28	+24	+25	-6	-3
104 1/2	-34	-33	-28	+29	-6	-4
103 1/2	-30	-29	+28	+30	-2	+1
102 1/2	-30	-28	-22	-26	-8	-2
101 1/2	-30	-28	-25	-24	-5	-4
100 1/2	-30	-27	-26	-25	-4	-2
99 1/2	-21	-20	-18	+19	-3	-1
98 1/2	-16	-15	+15	+14	-1	-1
97 1/2	-14	-12	+10	+10	-4	-2

96 1/2

95 1/2

94 1/2

93 1/2

92 1/2

91 1/2

90 1/2

89 1/2

88 1/2

Old Benching Near
 Que 67 + 68 - No 1 Posts
 65 + 66 - No 2 Posts

Bearing 260° to Mountain peak
 200° to River bend

(14)

36 - 64

300,000

64	STN	22	→	36
60		10	→	36
56		10	→	36
52		12	→	32
48		14	→	28
44		BL	→	32
40		23	→	32



do	14	72	(6)
	15	68	
720	16	64	
72	17	60	

80000

504
 19000

1800

(7,000)

6000

12000

5
 30000
 14
 30000