Mag. Field Base 'C' Grid

020539

Station	Reading Begin	Time Loop	Drift	Corr	Rem
Δ 0 W	105	10:31			
1 W	113	10:32			
2 W	122	10:35			
3 W	110	10:36			
4 W	105	10:38			
5 W	100	10:40			
6 W	102	10:41			
7 W	106	10:42			
8 W	100	10:44			
9 W	105	10:45			
10 W	105	10:47			
11 W	102	10:48			
12 W	108	10:49			
13 W	105	10:51			
14 W	105	10:52			
15 W	105	10:53			
16 W	102	10:54			
17 W	105	10:56			
12 W	106	10:57	+1		
10 W	105	10:59	0		
8 W	100	11:01	0		
6 W	103	11:03	-1		
4 W	105	11:05	0		

Sta.		Time	Drift	Corr.	Remarks
A	2 W	11:07			
LO	0 W	11:09			
	10 W	11:19			
	20 W	11:36			
	30 W	11:49	114	11172	
	29 W	11:50	87	8526	
	28 W	11:52	107	10486	
	27 W	11:53	93	9114	
	26 W	11:55	104	10192	
	25 W	11:56	115	11270	
	24 W	11:57	107	10486	
	23 W	11:58	97	9506	
	22 W	11:59	101	9898	
	21 W	12:00	109	10682	
	20 W	12:04	103	10094	
	19 W	12:05	112	10976	
	18 W	12:06	113	11074	
	17 W	12:08	103	10094	
	16 W	12:09	113	11074	
	15 W	12:10	123	12054	
	14 W	12:11	129	12640	
	13 W	12:13	123	12054	
	12 W	12:14	121	11858	
	11 W	12:15	118	11564	

Station	Reading	Time	Drift	Corr	Rem.
LO 10N	115	12:17	+3 118	11564	
9N	113	12:18	116	11368	
8N	120	12:19	122	11956	
7N	112	12:21	113	11074	
6N	117	12:22	117	11466	
5N	110	12:24	109	10682	
4N	115	12:25	113	11074	Stream
3N	115	12:28	112	10976	
2N	110	12:29	106	10388	
1N	110	12:30	105	10290	
△ 0N	110	12:31	-5 105	10290	
Lo 0S	110	1:22	-5		
10S	105	1:30			
20S	105	1:40			
30S	100	1:49	-5 95	9310	
29S	98	1:51	93	9114	
28S	100	1:52	95	9310	
27S	104	1:54	99	9702	
26S	100	1:55	95	9310	
25S	102	1:56	97	9506	
24S	100	1:57	95	9310	
1.35	100	1:52	95	9310	
27S	109	1:54	104	10192	
21S	103	1:55	98	9604	

Station		Reading	Time		Drift	Corr.	Res...
L0	20S	105	1:56	-5	100	9800	
	19S	107	1:57		102	9996	
	18S	102	1:58		97	9506	
	17S	98	1:59		93	9114	
	16S	103	2:03		98	9604	
	15S	98	2:06		93	9114	
	14S	108	2:08		102	9996	
	13S	108	2:10		102	9996	
	12S	112	2:12		106	10388	
	11S	108	2:14		102	9996	
	10S	106	2:15	-6	100	9800	
	9S	109	2:17		103	10094	
	8S	100	2:18		94	9212	
	7S	108	2:26		103	10094	
	6S	105	2:22		100	9800	
	5S	110	2:23		106	10388	
	4S	108	2:25		104	10792	
	3S	105	2:27		102	9996	
	2S	112	2:29		109	10682	
	1S	110	2:30		107	10486	
(2)	0S	108	2:31	-3	105	10290	
△1 L4	0N	115	3:03	-10			
	10N	143	3:27				
	20N	117	3:38				

Station	Reading	Time	Drift	Corr	Remarks
L4 30N	93	3:48	83	8134	
29N	95	3:49	85	8330	
28N	94	3:50	84	8232	
27N	94	3:52	84	8232	
26N	90	3:54	80	7840	
25N	93	3:55	83	8134	
24N	100	3:56	90	8820	
23N	112	3:59	102	9996	
22N	115	3:59	105	10290	
21N	112	4:00	102	9996	
20N	112	4:02	-10 102	9996	
19N	110	4:03	100	9800	
18N	107	4:05	97	9505	
17N	112	4:06	102	9996	
16N	115	4:07	105	10290	
15N	117	4:09	107	10485	
14N	120	4:11	110	10780	
13N	115	4:12	105	10290	
12N	115	4:13	105	10290	
11N	120	4:14	110	10780	
10N	120	4:16	-10 110	10780	
9N	117	4:17	107	10485	
8N	120	4:19	110	10780	
7N	120	4:21	110	10780	

Station	Reading		Time	Depth	Corrected Depth
L4	ON	117	4:22	107	10485
	5N	120	4:24	110	10780
	4N	120	4:25	110	10780
	3N	117	4:26	107	10485
	2N	120	4:28	110	10780
	1N	115	4:30	105	10290
	ON	115	4:32	-10 105	10290
	OS	115	8:28	-11 105	10290
OS 115	1S	115	10:12	105	10290
10M	2S	107	10:10	97	9506
	3S	110	10:09	101	9898
	4S	110	10:08	101	9898
	5S	114	10:07	105	10290
	6S	103	10:05	105	10290
	7S	105	10:04	107	10485
	8S	125	10:03	117	11466
	9S	117	10:02	110	10780
	10S	101	9:30	-7 100	9800
	11S	102	9:29	195	9310
	12S	102	9:27	195	9310
	13S	105	9:26	98	9604
	14S	100	9:25	92	9016
	15S	98	9:24	90	8820
	16S	103	9:22	915	9310

Station	Reading	Time	Drift	Corr.	Rem.
L4 17S	93	9:21	84	8232	
18S	99	9:19	99	9702	
19S	100	9:18	90	8820	
20S	103	9:17 +10	193	9114	
21S	105	9:15	95	9310	
22S	97	9:14	87	8526	
23S	100	9:13	90	8820	
24S	104	9:11	94	9212	
25S	99	9:10	89	8722	
26S	102	9:09	92	9016	
27S	100	9:07	90	8820	
28S	100	9:06	90	8820	
29S	103	9:05	93	9114	
30S	105	9:04 -10	95	9310	
		Refer	Back	to △ L4	
L4 10S	110	8:42			
20S	103	8:51			
L8 △ 0N	116	10:25 -16			
10N	125	10:33 -16			
20N	130	10:42 -16			
30N	123	11:15 -16	107	10486	
24N	110	11:16	94	9212	
18N	105	11:17	90	8820	

Station	Reading	Time	Drift	Corr	Rem
48	27W 115	11:19	100	9800	
	26W 90	11:20	76	7448	
	25W 85	11:21	71	6958	
	24W 107	11:23	94	9212	
	23W 94	11:24	82	8036	
	22W 115	11:25	103	10094	
	21W 110	11:26	99	9702	
	20W 125	11:28	114	11172	
	19W 100	11:29	97	9506	
	18W 135	11:30	120	11760	
	17W 125	11:31	108	10584	
	16W 115	11:32	96	9408	
	15W 125	11:33	124	12152	
	14W 130	11:35	107	10486	
	13W 148	11:36	124	12152	
	12W 110	11:37	85	8330	
	11W 112	11:38	86	8428	
	10W 135	11:40	109	10682	
	9W 130	11:41	106	10388	
	8W 135	11:42	113	11074	
	7W 125	11:43	105	10290	
	6W 130	11:44	112	10976	
	5W 130	11:46	114	11172	
	4W 135	11:47	121	11858	

Station	Reading	Time	Drift	Corr.	Remarks
L8 3N	127	11:51	114	11172	
2N	130	11:52	118	11564	
1N	125	11:53	114	11172	
⚠ 0N	111	11:55	-11 100	9800	
⚠ 0S	108	1:37	-8		
10S	96	1:44	-8		
20S	97	1:56	-8		
30S	100	2:24	-8 92	9016	
19S	102	2:35	94	9212	
28S	100	2:37	92	9016	
27S	98	2:39	90	8820	
26S	105	2:50	97	9506	
25S	105	2:53	97	9506	
24S	105	2:55	97	9506	
23S	108	2:56	100	9800	
22S	97	2:58	89	8722	
21S	95	2:59	87	8526	
20S	97	3:01	-8 89	8722	
19S	105	3:02	97	9506	
18S	108	3:04	100	9800	
17S	98	3:05	90	8820	
16S	98	3:07	89	8722	
15S	100	3:08	91	8918	
14S	100	3:09	91	8918	

Station	Reel	Time	Dept	Corr	Remarks
8	135	100	3:11	91	9118
	125	100	3:12	90	8820
	115	100	3:13	90	8820 Stream
	105	98	3:16 -10	88	8624
	95	96	3:18	86	8428
	85	105	3:20	95	9310
	75	105	3:21	95	9310
	65	105	3:22	95	9310
	55	110	3:24	100	9800
	45	110	3:25	100	9800
	35	110	3:27	100	9800
	25	112	3:28	92	9016
	15	110	3:30	100	9800
	05	110	3:32 -10	100	9800
8 L42	05	115	8:52 -7		
	105	100	8:59 -7		
	205	104	9:07 -7		
	305	107	9:21 -7	100	9800
	295	107	9:22	100	9800
	285	110	9:24	103	10094
	275	110	9:26	103	10094
	265	105	9:28	98	9604
	255	109	9:30	102	9996
	215	110	9:31	102	9996

Station	Reading	Time	Drift	Corr.	Remarks
L12 23S	105	9:34	97	9506	
22S	100	9:35	92	9016	
21S	103	9:38	95	9310	
20S	101	9:39	-8 93	9114	
19S	105	9:40	97	9506	
18S	97	9:41	89	8722	
17S	104	9:42	96	9408	
16S	100	9:43	91	8918	
15S	112	9:45	103	10094	
14S	110	9:46	101	9898	
13S	110	9:47	100	9800	
12S	106	9:48	96	9408	stream
11S	100	9:50	90	8820	
10S	103	9:51	-10 93	9114	
9S	103	9:52	93	9114	
8S	110	9:53	100	9800	
7S	112	9:55	102	9996	
6S	106	9:56	96	9408	
5S	110	9:57	101	9898	
4S	110	9:59	101	9898	
3S	115	10:00	106	10388	
2S	125	10:01	116	11368	
1S	120	10:02	111	10878	
△ 0S	117	10:03	-9 108	10584	

Station	Reading	Time	Drift	Corr	Remarks
LP 0N	118	12:47	-10		
10N	120	12:55	-10		
20N	118	1:05	-10		
30N	115	1:18	-10	105	10290
29N	112	1:20		102	9996
28N	108	1:21		98	9604
27N	115	1:23		105	10290
26N	117	1:25		107	10486
25N	115	1:27		104	10192
24N	115	1:29		104	10192
23N	118	1:31		107	10486
22N	120	1:33		109	10682
21N	126	1:35		115	11270
20N	119	1:37	-11	108	10584
19N	114	1:39		103	10094
18N	125	1:41		114	11172
17N	120	1:45		109	10682
16N	120	1:44		109	10682
15N	120	1:46		109	10682
14N	120	1:47		110	10780
13N	118	1:48		108	10584
12N	123	1:51		113	11074
11N	125	1:51		115	11270
10N	120	1:52	-10	110	10780

Station	Reading	Time	Orig H	Corr	Remarks
L12 9N	125	1:54	115	11270	
8N	120	1:55	110	10780	
7N	125	1:56	116	11368	
6N	117	1:58	108	10584	
5N	125	1:59	116	11368	
4N	123	2:01	115	11270	
3N	120	2:02	112	10976	
2N	120	2:03	113	11074	
1N	117	2:05	110	10780	
△ 0N	115	2:06	-7 108	10584	
L16 △ 0N	120	2:21	-15		
10N	116	2:40	-15		
20N	117	2:50	-15		
30N	125	3:00	110	10780	
29N	125	3:02	110	10780	
28N	116	3:04	101	9898	
27N	118	3:06	102	9996	
26N	112	3:08	96	9408	
25N	127	3:10	111	10878	
24N	127	3:11	110	10780	
23N	125	3:13	108	10584	
22N	120	3:15	102	9996	
21N	125	3:16	107	10486	
20N	120	3:18	-18 102	9996	

Station		Reading	Time	Right	Corr	Remarks
L16	19N	130	3:19	112	10976	
	18N	128	3:20	110	10780	
	17N	140	3:21	122	11956	
	16N	130	3:22	112	10976	
	15N	132	3:23	113	11074	
	14N	125	3:24	106	10388	
	13N	130	3:25	111	10878	
	12N	125	3:27	106	10388	
	11N	135	3:29	116	11368	
	10N	120	3:30	-19 101	9898	
	9N	120	3:32	101	9898	
	8N	135	3:33	116	11368	
	7N	125	3:35	107	10486	
	6N	130	3:37	112	10976	
	5N	130	3:38	113	11074	
	4N	125	3:39	108	10584	
	3N	127	3:40	111	10878	
	2N	125	3:41	109	10682	
	1N	117	3:42	102	9996	
△	0N	120	3:43	-15 105	10290	
L16 △	0S	115	10:26	-10 105	10290	
	10S	109	10:34	-10		
	20S	100	10:42	-10		
	30S	110	10:56	-10 100	9800	

Station	Reading	Time	Drift	Corr	Remarks
L16 29S	112	11:01	102	9996	
28S	115	11:03	105	10290	
27S	115	11:05	105	10290	
26S	105	11:06	94	9212	
25S	123	11:07	114	11172	
24S	127	11:08	116	11368	
23S	105	11;09	93	9114	
22S	110	11;10	98	9604	
21S	108	11:11	96	9408	
20S	102	11:12	-12 90	8820	
19S	104	11:13	92	9016	
18S	112	11:15	100	9800	
17S	110	11:16	98	9604	
16S	105	11:17	93	9114	
15S	105	11:18	93	9114	
14S	110	11:19	99	9702	Stream
13S	105	11:22	94	9212	
12S	110	11:23	99	9702	
11S	~~110~~	~~11:24~~			no 11 on line
10S	110	11:24	-11 99	9702	
9S	113	11:25	103	10094	
8S	104	11:26	95	9310	
7S	104	11:27	96	9408	
6S	108	11:28	100	9800	

Station		Reading	Time		Drift	Corr	Remarks
L16	5S	107	11 30		100	9800	
	4S	110	11:31		103	10094	
	3S	110	11 32		104	10192	
	2S	110	11 33		104	10192	
	1S	115	11:35	-5	110	10780	
△	0S	110	11 36		105	10290	
L20	△ 0S	123	1:27	-20	103	10094	
	10S	110	1 32	-20			
	20S	112	1 49	-20			
	30S	115	1 59	-20	95	9310	
	29S	115	2:00		95	9310	
	28S	120	2:01		100	9800	
	27S	117	2:03		97	9506	
	26S	110	2:04		90	8820	
	25S	112	2:05		92	9016	
	24S	112	2:06		92	9016	
	23S	110	2:07		90	8820	
	22S	110	2 08		90	8820	
	21S	112	2 09		92	9016	
	20S	112	2 10	-20	92	9016	
	19S	110	2 11		90	8820	
	18S	114	2 13		94	9212	Stream
	17S	114	2:14		94	9212	
	16S	110	2:15		90	8820	

Station	Reading	Time	Drift	Corr	Remarks
L20 15S	120	2:16	100	9800	
14S	115	2:17	95	9310	
13S	112	2.18	92	9016	
12S	112	2:19	92	9016	
11S	115	2:21	95	9310	
10S	110	2:23	-20 90	8820	
9S	120	2.25	100	9800	
8S	118	2:27	98	9604	
7S	118	2;29	98	9604	
6S	116	2:30	96	9408	
5S	123	2:31	103	10094	
4S	125	2:33	105	10290	
3S	125	2:34	105	10290	
2S	120	2:38	100	9800	
1S	120	2:40	100	9800	
0S	123	2:41	-20 103	10094	
L24 0S	120	2:52	-13 107		
1OS	113	2:58	-13 100		
2OS	117	3:19	-13 104		
3OS	112	3:21	-12 100	9800	
29S	115	3:22	-11 104	10192	
28S	115	3:23	-10 105	10290	
27S	115	3:24	-9 106	10388	
26S	105	3:25	-8 97	9506	
25S	110	3:26	-7 103	10094	

Station		Reading	Time	Drift	(	Remarks
L24	24S	108	3:27	-4	102	9996
	23S	112	3:28	-6	106	10388
	22S	110	3:29	-6	104	10192
	21S	110	3:30	-6	104	10192
	20S	110	3:31	-6	104	10192
	19S	107	3:32	-7	100	9800
	18S	110	3:33	-8	102	9996
	17S	120	3:37	-9	111	10878
	16S	118	3:39	-10	108	10584
	15S	118	3:41	-10	108	10584
	14S	115	3:43	-11	104	10192
	13S	115	3:45	-12	102	9996
	12S	115	3:47	-13	102	9996
	11S	111	3:49	-14	97	9506
	10S	115	3:50	-15	100	9800
	9S	112	3:52	-15	98	9604
	8S	120	3:53	-15	105	10290
	7S	125	3:54	-15	109	10682
	6S	123	3:55	-15	107	10486
	5S	127	3:56	-15	112	10976
	4S	123	3:57	-14	109	10682
	3S	118	3:58	-14	104	10192
	2S	120	3:59	-14	106	10388
	1S	124	4:00	-14	110	10780

Station	Reading	Time	Diff	Corr.	Remarks
L24 0S	121	4:01	-14 107	10486	
L20 0N	110	9:55	-7		
10N	116	10:04	-7		
20N	121	10:14	-7		
30N	119	10:28	-7 112	10976	
29N	108	10:39	101	9898	
28N	110	10:40	103	10094	
27N	118	10:41	111	10878	
26N	112	10:42	105	10290	
25N	114	10:43	107	10486	
24N	110	10:44	104	10192	
23N	115	10:45	109	10682	
22N	125	10:46	117	11466	
21N	125	10:47	119	11662	Stream
20N	120	10:50	-6 114	11172	
19N	122	10:52	116	11368	
18N	125	10:54	119	11662	
17N	115	10:56	109	10682	
16N	122	10:57	115	11270	
15N	120	10:58	113	11074	
14N	117	10:59	110	10780	
13N	121	11:00	113	11074	
12N	118	11:01	110	10780	
11N	118	11:03	109	10682	

Station	Reading	Time	Drift	Corr	Remarks
L20 10N	118	11:04	-9 109	10682	
9N	113	11:05	104	10192	
8N	122	11:07	113	11074	
7N	118	11:08	109	10682	
6N	114	11:09	106	10388	
5N	120	11:10	112	10976	
4N	115	11:11	107	10486	
3N	115	11:12	108	10584	
2N	110	11:13	103	10094	
1N	112	11:14	105	10290	
Δ 0N	110	11:15	-7 103	10094	
L21 Δ 0N	114	11:29	-7 107		
10N	115	11:38	-7 108		
20N	122	11:54	-7 115		
30N	108	12:04	-7 101	9898	
29N	100	12:05	-8 92	9016	
28N	106	12:07	-8 98	9605	
27N	110	12:08	-9 101	9898	
26N	123	12:09	-9 114	10172	
25N	123	12:10	-9 114	10172	
24N	110	12:11	-10 100	9898	
23N	115	12:12	-10 105	10290	
22N	100	12:13	-11 89	8722	
21N	125	12:14	-11 114	10172	

Station	Reading	Time	D	Corr	Remarks
L24 20W	124	12 15	-11	113	11074
19W	125	12·16	-11	114	11172
18W	120	12:17	-11	109	10682
17W	120	12:19	-11	109	10682
16W	120	12:21	-11	109	10682
15W	118	12:23	-12	106	10388
14W	115	12:25	-12	103	10094
13W	122	12.26	-12	110	10780
12W	120	12:27	-12	108	10584
11W	120	12.29	-12	108	10584
10W	120	12:30	-12	108	10584
9W	117	12:31	-12	105	10290
8W	115	12:32	-11	104	10192
7W	108	12:33	-11	97	9506
6W	117	12.34	-10	107	10486
5W	110	12:35	-10	100	9800
4W	118	12.36	-9	109	10682
3W	115	12.37	-9	106	10388
2W	120	12:38	-8	112	10976
1W	112	12:41	-8	100	9800
△ 0W	115	12:41	-8	107	10486
		Loop			
BL 16W	115	9:13	-	10	
17W	115	9:14			
Base Line					

Station	Reading	Time	Drift	Corr	Remarks
Base	18W 113	9:15	-13	100	
	19W 111	9:16			
	20W 114	9:17	-11	103	
	21W 118	9:19			
	22W 120	9:20			
	23W 117	9:21			
Base Values	24W 120	9:22	-13	107	
	25W 115	9:23			
	26W 115	9:24			
	27W 115	9:25			
	28W 116	9:26	-13	103	
	29W 115	9:27			
	30W 118	9:29		105	
	31W 118	9:31		105	
	32W 115	9:33		102	
	33W 118	9:35			
	28W 116	9:37			
	26W 115	9:38			
	24W 115	9:40			
	22W 115	9:42			
	20W 112	9:44			
	18W 111	9:46			
	16W 112	9:48			
		Loop	Complete		

Station	Reading	Time	Drift	Corr	Remarks
L28 0N	127	9:34	-24		
10N	125	9.43	-24		
20N	127	9:54	-24		
30N	102	10:05	-24 -78	7644	
29N	104	10:06	80	7840	
28N	120	10:07	96	9408	
27N	120	10:09	95	9310	
26N	130	10:09	105	10290	
25N	120	10:10	95	9310	
24N	122	10:11	96	9408	
23N	125	10:12	99	9702	
22N	130	10:13	103	10094	
21N	128	10:16	101	9898	
20N	130	10:18	-27 103	10094	
19N	124	10:20	97	9506	
18N	124	10:22	97	9506	
17N	127	10:24	101	9898	
16N	127	10:26	101	9898	
15N	130	10:27	104	10192	
14N	125	10:28	100	9800	
13N	130	10:29	105	10290	
12N	125	10:30	101	9898	
11N	127	10:31	103	10094	
10N	125	10:32	-24 101	9898	

Station	Reading	Time	Drift	Corr	Remarks
L28 9W	123	10:34	99	9702	
8W	119	10:36	95	9310	
7W	125	10:37	101	9898	
6W	125	10:38	101	9898	
5W	123	10:39	99	9702	
4W	130	10:40	106	10388	
3W	128	10:41	104	10192	
2W	125	10:42	101	9898	
1W	123	10:43	99	9702	
△ 0W	127	10:45	-24 103	10094	
L32 △ 0W	120	10:56	-18 102		
10W	123	11:06	-18 105		
20W	130	11:26	-18 112		
30W	125	11:44	-18 107	10486	
29W	115	11:45	-18 97	9506	
28W	115	11:46	-18 97	9506	
27W	115	11:47	-18 97	9506	
26W	~~105~~	11:48	-18 87	8526	
25W	110	11:49	-19 91	8918	
24W	130	11:50	-19 111	10878	
23W	129	11:53	-19 101	9898	
22W	118	11:55	-19 99	9702	
21W	135	11:56	-19 106	10388	
20W	131	11:57	-19 102	9996	

Station	Reading	Time		Co.	Remarks
L32 19N	135	12:01	-19 106	10888	
18N	128	12:02	-19 109	10682	
17N	128	12:03	-19 109	10682	
16N	128	12:04	-19 109	10682	
15N	128	12:05	-19 109	10682	
14N	130	12:06	-18 112	10976	
13N	128	12:07	-18 110	10780	
12N	132	12:08	-18 114	11172	
11N	125	12:09	-18 107	10486	
10N	123	12 10	-18 105	10290	
9N	117	12:12	-18 99	9702	
8N	120	12:13	-18 102	9996	
7N	125	12:13	-18 107	10486	
6N	125	12:14	-18 107	10486	
5N	130	12:15	-18 112	10976	
4N	130	12:16	-18 112	10976	
3N	126	12:17	-18 108	10584	
2N	122	12:18	-18 104	10192	
1N	117	12 20	-18 99	9702	
△ 0N	120	12:22	-18 102	9996	
L28 △ 0S	124	1:10	-21		
10S	110	1:17			
20S	110	1:23			
30S	115	1:36	94	9212	

Station	Reading	Time	Drift	Corr	Remarks
L28 29S	109	1:37	88	8624	
28S	113	1:38	92	9016	
27S	111	1:39	90	8820	
26S	108	1:40	88	8624	
25S	110	1:41	90	8820	
24S	112	1:42	92	9016	
23S	110	1:43	91	8918	
22S	110	1:45	91	8918	Stopped
21S	112	1:46	93	9114	
20S	~~108~~ 109	1:47	-19 89	8722	
19S	115	1:48	96	9408	
18S	122	1:50	102	9996	
17S	115	1:51	94	9212	
16S	120	1:52	98	9604	
15S	120	1:53	98	9604	
14S	120	1:54	97	9506	
13S	123	1:55	99	9702	
12S	112	1:56	87	8526	
11S					no ll
10S	115	1:57	-26 89	8722	
9S	110	1:58	84	8232	
8S	125	1:59	100	9800	
7S	125	2:00	100	9800	
6S	120	2:01	96	9408	

Station	Reading	Time	Drift	Corr.	Remarks
L28 5S	125	2.02	101	9898	
4S	125	2:03	102	9996	
3S	130	2:04	107	10486	
2S	125	2:05	103	10094	
1S	120	2.06	98	9604	
◁ 0S	125	2.07	-22 103	10094	OK
L32 ◁ 0S	118	2.20	-16 102		
1OS	115	2:28	-16 99		
2OS	119	2:40	-16 103		
3OS	114	2:48	-16 98	9604	
29S	115	2:49	-16 99	9702	
28S	119	2:50	-16 103	10094	
27S	116	2:51	-16 100	9800	
26S	112	2:52	-16 96	9408	
25S	112	2 53	-15 97	9506	
24S	107	2:54	-15 92	9016	
23S	105	2:54	-15 90	8820	
22S	110	2:55	-15 95	9310	
21S	115	2:55	-15 100	9800	
20S	118	2:56	-15 93	9114	
19S	117	2:56	-15 102	9996	
18S	117	2 57	-16 97	9506	
17S	113	2 58	-16 97	9506	
16S	115	2:59	-17 98	9604	

Station	Reading	Time	D. H	Corr	Remarks
△32 12S	113	2 55	-17 C 96	9408	
14S	120	2 56	-18 102	9996	
13S	125	2 57	-18 107	10486	
12S	123	2 58	-19 104	10192	
11S	118	2 59	-20 98	9604	
10S	120	3 00	-21 99	9702	
9S	130	3 01	-21 109	10682	
8S	125	3 01	-21 104	10192	
7S	120	3 02	-20 100	9800	
6S	120	3 03	-20 100	9800	
5S	128	3 04	-20 108	10584	
4S	125	3 05	-19 106	10388	
3S	125	3 06	-19 106	10388	
2S	123	3 07	-18 105	10290	
1S	125	3 07	-18 107	10486	
△ 0S	120	3 08	-18 102	9996	
	B.L.	100	30 → 48 → 30		
△ 30W	122	8 32	-17		
31W	122	8 33	-17		
32W	122	8 34	-20		
Base 33W	124	8 35			
34W	124	8 36			
35W	124	8 37			
36W	127	8 38	-20 107		

Station	Reading	Time	Drift	Corr	Remarks
△ 37W	118	8:50			
38W	123	8:52			
39W	123	8:54			
40W	123	8:56	-20 103		
Base 41W	120	8:58			
42W	115	8:59			
43W	125	9:01			
44W	120	9:02	-20 101		
45W	124	9:04			
46W	118	9:05	98		
47W	120	9:06	100		
48W	117	9:08	97		
46W	118	9:10			
44W	122	9:12	-2		
42W	120	9:14	-5		
40W	123	9:16	0		
38W	123	9.18	0		
36W	127	9:20	0		
34W	124	9.22	0		
32W	124	9:24	-2		
30W	124	9:26	-2		
		Loop Complete			
L 36 △ 0N	125	9:44	-18 107		
10N	125	9:52	-18 107		

Station	Reading	Time	Drift	Corr	Remarks
L36 20W	125	10:01	-18 107		
30W	118	10:09	-18 100	9800	
29W	115	10:10	-18 97	9506	
28W	117	10:11	-18 99	9702	
27W	107	10:12	-19 90	8820	
26W	115	10:13	-17 98	9604	
25W	115	10:14	-17 98	9604	
24W	118	10:15	-17 101	9898	
23W	125	10:16	-12 104	10192	
22W	117	10:17	-12 101	9898	
21W	124	10:18	-16 108	10584	
20W	123	10:19	-16 107	10486	
19W	123	10:21	-16 107	10486	
18W	127	10:22	-16 111	10878	
17W	123	10:23	-15 108	10584	
16W	130	10:24	-15 115	11270	
15W	125	10:25	-15 110	10780	
14W	125	10:26	-14 111	10878	
13W	120	10:27	-14 106	10388	
12W	120	10:28	-13 107	10486	
11W	118	10:29	-13 105	10290	
10W	120	10:30	-13 107	10486	
9W	118	10:31	-13 105	10290	
8W	132	10:32	-12 119	11662	

Station	Reading	Time	D. ft		Remarks
L36 7N	122	10:34	-14 108	10584	
6N	120	10:35	-14 106	10388	
5N	120	10:36	-14 106	10388	
4N	120	10:37	-14 106	10388	
3N	120	10:38	-15 105	10290	
2N	117	10:39	-15 102	9996	
1N	124	10:40	-15 109	10682	
0N	122	10:41	-15 107	10486	
L40 0N	121	10:56	-18 103		
10N	120	11:05	-18 102		
20N	123	11:14	-18 105		
30N	115	11:28	-18 97	9506	
29N	116	11:29	-18 98	9604	
28N	125	11:30	-18 107	10486	
27N	120	11:32	-18 102	9996	
26N	120	11:34	-18 102	9996	
25N	122	11:35	-18 104	10192	
24N	122	11:36	-18 104	10192	
23N	113	11:37	-18 95	9310	
22N	123	11:38	-18 105	10290	
21N	127	11:39	-18 109	10682	
20N	123	11:40	-18 105	10290	
19N	120	11:41	-18 102	9996	
18N	121	11:42	-18 103	10094	

Station	Reading	Time	Drift	Corr.	Remarks
40 12N	125	11.43	-18 107	10486	
10N	122	11.44	-19 103	10094	
8N	120	11.45	-19 101	9898	
14N	118	11.46	-19 99	9702	
13N	116	11.47	-20 96	9408	
12N	115	11.48	-20 95	9310	
11N	120	11.49	-20 100	9800	
10N	122	11.50	-20 102	9996	
9N	120	11.51	-20 100	9800	
8N	127	11.53	-20 107	10486	
7N	120	11.55	-20 100	9800	
6N	118	11.56	-20 98	9604	
5N	124	11.57	-20 104	10192	
4N	120	11.58	-20 100	9800	
3N	124	11.59	-20 104	10192	
2N	125	12.00	-20 105	10290	
1N	115	12.01	-20 95	9310	
0N	123	12.03	-20 103	10094	
136 0S	125	2.11	-18 107		
1OS	124	2.12	-18 106		
2OS	119	2.16	-18 101		
3OS	125	2.35	-18 107	10486	
29S	118	2.36	-18 100	9800	
28S	121	2.37	-18 103	10094	

Station	Reading	Time	D.		Remarks
36 27S	115	2:38	-18 97	9506	
26S	110	2.39	-18 92	9016	
25S	113	2.41	-19 94	9212	
24S	118	2.42	-19 99	9702	
23S	116	2:43	-19 97	9506	
22S	107	2.44	-19 88	8624	
21S	117	2.45	-19 98	9604	
20S	120	2:46	-19 101	9898	
19S	120	2:47	-19 101	9898	
18S	122	2 48	-19 103	10094	
17S	120	2:49	-19 101	9898	
16S	117	2:49	-19 98	9604	
5S	120	2:50	-19 101	9898	
14S	119	2:50	-19 100	9800	
13S	121	2 51	-19 102	9996	
12S	116	2:51	-19 97	9506	
11S	130	2:52	-19 111	10878	
10S	125	2 53	-19 106	10388	
9S	125	2.53	-19 106	10388	
8S	123	2.54	-19 104	10192	
7S	127	2.55	-19 108	10584	
6S	125	2.56	-20 105	10290	
5S	130	2.57	-20 110	10780	
4S	128	2.58	-20 108	10584	

Station	Reading	Time	Drift	Corr.	Remarks
L36 0S	128	2:58	-20 108	10584	
2S	125	2:59	-20 105	10290	
1S	125	3:00	-20 105	10290	
△ 0S	127	3:01	-20 107	10486	
L40 △ 0S	123	1:01	-20 103		
1OS	125	1:02	-20 100		
2OS	116	1:03	-20 96		
3OS	123	1:21	-20 103	10094	
29S	113	1:22	-20 93	9114	
28S	125	1:23	-21 104	10192	
27S	110	1:24	-21 89	8722	
26S	115	1:25	-21 94	9212	
25S	108	1:26	-21 87	8526	
24S	111	1:27	-21 90	8820	
23S	113	1:28	-21 92	9016	
22S	119	1:29	-21 98	9604	
21S	115	1:30	-22 93	9114	
20S	118	1:31	-22 96	9408	
19S	113	1:32	-22 91	8918	
18S	116	1:33	-22 94	9212	
17S	121	1:34	-23 98	9604	
16S	120	1:36	-23 97	9506	
15S	128	1:38	-24 104	10192	
14S	120	1:39	-24 96	9408	

L4D 13S	129		-24	105	10296
12S	130		-25	105	10296
11S	120		-25	95	9310
10S	125		-25	100	9800
9S	123		-24	99	9702
8S	120		-24	96	9408
7S	125		-24	101	9898
6S	125		-23	102	9996
5S	127		-23	104	10192
4S	125		-23	102	9996
3S	130		-23	107	10486
2S	128		-22	106	10388
1S	128		-22	106	10388
⚠ 0S	125		-22	103	10094 ↑
⚠ L44 0N	125	9:57	-24	101	
10N	127	10:05	-24	103	
20N	123	10:13	-24	99	
30N	118	10:21	-24	102	9996
29N	118	10:22	-24	102	9996
28N	124	10:23	-23	101	9898
27N	120	10:24	-23	97	9506
26N	124	10:25	-23	101	9898
25N	115	10:26	-23	92	9016
24N	110	10:27	-22	88	8624

4/4	23N	123	10:28	-22	101	9898
	22N	118	10:29	-22	96	9408
	21N	120	10:30	-22	98	9604
	20N	121	10:31	-22	99	9702
	19N	128	10:33	-22	106	10388
	18N	132	10:35	-22	110	10780
	17N	132	10:36	-22	110	10780
	16N	125	10:38	-22	103	10094
	15N	123	10:39	-22	101	9898
	14N	124	10:40	-22	102	9996
	13N	123	10:41	-22	101	9898
	12N	117	10:42	-22	95	9310
	11N	122	10:43	-22	100	9800
	10N	125	10:44	-22	103	10094
	9N	119	10:45	-22	97	9506
	8N	121	10:46	-22	99	9702
	7N	118	10:47	-22	96	9408
	6N	120	10:48	-22	98	9604
	5N	116	10:49	-22	94	9212
	4N	122	10:50	-22	100	9800
	3N	121	10:51	-22	99	9702
	2N	127	10:52	-22	105	10290
	1N	124	10:53	-22	102	9996
	0N	123	10:54	-22	101	9898

L44 0S	123	10:55	-22 101	9898	
1S	125	10:55	-22 103	10094	
2S	127	10:56	-22 105	10290	
3S	127	10:57	-22 105	10290	
4S	123	10:58	-22 101	9898	
5S	118	10:58	-22 96	9408	
6S	127	10:59	-22 105	10290	
7S	132	11:00	-22 110	10780	
8S	124	11:00	-22 102	9996	
9S	120	11:01	-22 98	9604	
10S	120	11:02	-22 98	9604	
11S	122	11:03	-22 100	9800	
12S	118	11:04	-22 96	9408	
13S	115	11:05	-22 93	9114	
14S	125	11:06	-22 103	10094	
15S	125	11:07	-22 103	10094	
16S	116	11:08	-22 96	9408	
17S	123	11:09	-22 101	9898	Stream
18S	114	11:10	-22 92	9016	
19S	110	11:11	-22 88	8624	
20S	117	11:12	-21 95	9310	
21S	114	11:13	-21 92	9016	
22S	115	11:14	-21 93	9114	N. Lake Shore
23S					

444	24S	115	11:20	-21	94	9212	S Lake Shore	
	25S	117	11:21	-21	96	9408		
	26S	115	11:22	-21	94	9212		
	27S	117	11:23	-21	96	9408		
	28S	115	11:24	-21	94	9212		
	29S	118	11:25	-21	97	9506		
	30S	115	11:26	-21	94	9212		
448	30S	110	11:28	-21	89	8722		
	29S	114	11:29	-21	103	10094		
	28S	112	11:30	-21	101	7878		
	27S	114	11:31	-21	93	9114		
	26S	120	11:32	-21	99	9702		
	25S	113	11:33	-21	92	9016		
	24S	117	11:33	-21	96	9408	S Lake Shore	
	23S						LAT =	
	22S							
	21S	115	11:37	-21	94	9212		
	20S	123	11:38	-20	103	10094		
	19S	118	11:39	-20	98	9604		
	18S	108	11:40	-20	88	8624		
	17S	117	11:41	-20	97	9506		
	16S	125	11:42	-20	105	10290		
	15S	130	11:43	-20	110	10780	STREET	
	14S	125	11:44	-20	105	10290		

L48	13S	127	11.41	-20	107	10486
	12S	125	11.47	-20	105	10290
	11S	125	11:48	-20	105	10290
	10S	127	11:49	-20	107	10486
	9S	127	11.50	-20	107	10486
	8S	125	11:51	-20	105	10290
	7S	125	11:52	-20	105	10290
	6S	125	11:53	-20	105	10290
	5S	125	11.54	-20	105	10290
	4S	123	11:55	-20	103	10094
	3S	125	11:56	-20	105	10290
	2S	121	11:57	-20	101	9898
	1S	117	11.58	-20	97	9506
→	0S	117	11.59	-20	97	9506
			Loop	46 → 52 → 46		
R.L.	46W	120	12 01	-22	98	
	47W	121	12 02	-21	100	
BASE	48W	117	12.03	-20	97	
VALUES	49W	119	12:04		99	
	50W	117	12:05		97	
	51W	112	12:06		91	
	52W	118	12 07		98	
	50W	117	12 09			
	48W	119	12:11			
	46W	120	12:12	Loop Complete		

448	ON	119	1:21	-22	97	9506
	1N	123	1.24	-22	101	9898
	2N	125	1.27	-22	103	10094
	3N	125	1.28	-22	103	10094
	4N	130	1:29	-22	108	10584
	5N	128	1.30	-22	106	10388
	6N	130	1.32	-22	108	10584
	7N	127	1.33	-22	105	10290
	8N	132	1.34	-22	110	10780
	9N	132	1.35	-22	110	10780
	10N	134	1.37	-22	112	10976
	11N	125	1.38	-22	103	10094
	12N	125	1.39	-22	103	10094
	13N	122	1.39	-22	100	9800
	14N	120	1:40	-22	98	9604
	15N	124	1.41	-22	102	9996
	16N	133	1.42	-22	111	10878
	17N	138	1.44	-22	106	10388
	18N	120	1:45	-22	98	9604
	19N	125	1.47	-22	103	10094 SAND
	20N	122	1.49	-22	100	9800
	21N	130	1.50	-22	108	10584
	22N	118	1.51	-22	96	9408
	23N	114	1.52	-22	92	9016

L48 24N	115	1.54	-22 93	9114	
25N	125	1:55	-22 103	10094	
26N	118	1:56	-22 96	9408	
27N	123	1:57	-22 101	9898	
28N	120	1.58	-22 98	9604	
29N	125	1:59	-22 103	10094	
30N	122	2:00	-22 100	9800	
L52 30N	120	2:03	-22 98	9604	
29N	120	2:05	-22 98	9604	
28N	118	2:07	-22 96	9408	
27N	116	2:08	-22 94	9212	
26N	120	2:09	-22 98	9604	
25N	125	2:10	-22 103	10094	
24N	120	2 11	-22 98	9604	
23N	126	2:12	-22 104	10192	
22N	128	2.13	-22 106	10388	
21N	135	2:14	-22 113	11074	
20N	135	2:15	-22 113	11074	Stream
19N	130	2.16	-22 108	10584	
18N	132	2:17	-22 110	10780	
17N	135	2:18	-22 113	11074	
16N	130	2.20	-22 108	10584	
15N	134	2:22	-22 112	10976	
14N	127	2.24	-22 105	10290	

4S2	13N	135	2:26	-22	113	11074	
	12N	131	2:28	-22	109	10692	
	11N	135	2:30	-22	113	11074	
	10N	128	2:32	-22	106	10388	
	9N	130	2:34	-22	108	10584	
	8N	130	2:36	-22	108	10584	
	7N	128	2:38	-22	106	10388	
	6N	126	2:40	-22	104	10192	
	5N	125	2:41	-22	103	10094	
	4N	128	2:42	-22	106	10388	
	3N	126	2:43	-22	104	10192	
	2N	126	2:44	-22	106	10388	
	1N	123	2:45	-22	101	9898	
	0N	120	2:47	-22	98	9604	
4S2	0S	117	9:43	-19	98	9604	Jun 15
	1S	115	9:44	-19	96	9408	
	2S	113	9:45	-19	94	9212	
	3S	113	9:46	-19	94	9212	
	4S	115	9:47	-19	96	9408	
	5S	123	9:48	-19	104	10192	
	6S	120	9:49	-19	101	9898	
	7S	121	9:50	-19	102	9996	
	8S	115	9:51	-19	96	9408	
	9S	115	9:52	-19	96	9408	

L52	10S	120	9:54	-19	101	9898	
	11S	122	9:56	-19	103	10094	
	12S	120	9:57	-19	101	9898	Stream
	13S	122	9:59	-20	102	10290	
	14S	118	10:04	-20	98	9604	
	15S	116	10:02	-20	96	9408	
	16S	116	10:03	-20	96	9408	
	17S	105	10:04	-20	85	8330	
	18S	110	10:05	-20	90	8820	
	19S	112	10:06	-20	92	9016	
	20S	110	10:07	-20	90	8820	
	21S	114	10:08	-20	94	9212	
	22S	110	10:09	-20	90	8820	Lake WEAD
	23S	107	10:10	-20	87	8526	
	24S	107	10:11	-20	87	8526	
	25S	105	10:12	-21	84	8232	
	26S	112	10:13	-21	91	8918	
	27S	112	10:14	-21	91	8918	
	28S	116	10:15	-21	95	9310	
	29S	117	10:16	-21	96	9408	
	30S	119	10:17	-21	98	9604	↕
L56	30S	105	10:19	-21	84	8832	
	29S	116	10:21	-21	95	9310	
	28S	105	10:23	-21	84	8832	

4S6	22S	118	10:25	-22	96	9408		
	21S	113	10:27	-22	91	8918		
	20S	107	10:29	-22	85	8330		
	19S	115	10:31	-22	93	9114		
	18S	107	10:33	-22	85	8330		
	17S	105	10:35	-22	83	8134		
	16S	113	10:37	-22	91	8918		
	15S	109	10:39	-22	87	8526		
	14S	110	10:40	-22	88	8624		
	13S	113	10:41	-22	91	8918		
	12S	109	10:42	-22	87	8526		
	11S	112	10:43	-22	90	8820		
	10S	114	10:44	-22	92	9016		
	9S	116	10:45	-22	94	9212		
	8S	115	10:46	-22	93	9114		
	7S	120	10:47	-23	97	9506		
	6S	121	10:48	-23	98	9604		
	5S	123	10:49	-23	100	9800		
	4S	121	10:51	-23	98	9604	SX, ecm	
	3S	120	10:53	-23	97	9506		
	2S	117	10:54	-23	94	9212		
	1S	114	10:55	-23	91	8918		
	0S	121	10:56	-23	98	9604		
	4S	123	10:59	-23	100	9800		

L56 3S	120	11:01	-23 97	9506	
2S	117	11.03	-23 94	9212	
1S	117	11:05	-23 94	9212	
△ 0S	117	11.07	-23 94	9212	
L56 △ 0N	117	12:46	-23 94	9212	
1N	113	12:47	-23 90	8820	
2N	113	12:48	-23 90	8820	
3N	120	12.49	-23 97	9506	
4N	116	12:50	-23 93	9114	
5N	118	12:61	-23 95	9310	
6N	113	12:52	-23 90	8820	
7N	125	12.53	-25 102	9996	
8N	127	12:54	-23 104	10192	
9N	125	12:55	-23 102	9996	
10N	120	12:56	-23 97	9506	
11N	124	12:57	-23 101	9898	
12N	128	12:58	-23 105	10290	
13N	124	12:59	-23 101	9898	
14N	140	1:00	-23 117	11466	cliff 64c
15N	123	1.02	-23 100	9800	
16N	123	1:04	-23 100	9800	
17N	120	1:06	-23 97	9506	
18N	125	1.08	-23 102	9996	
19N	121	1:10	-23 98	9604	Stream

456	20W	115	1.12	-28	92	9016
	21W	117	1.14	-23	94	9212
	22W	120	1.15	-28	97	9506
	23W	118	1.17	-23	95	9310
	24W	113	1.19	-23	90	8820
	25W	110	1.20	-23	87	8526
	26W	105	1.22	-23	82	8036
	27W	110	1.24	-23	87	8526
	28W	105	1.26	-23	82	8036
	29W	105	1.28	-23	82	8036
	30W	100	1.30	-23	77	7546
460	30W	127	1.40	-24	103	10094
	29W	116	1.42	-24	92	9016
	28W	118	1.44	-24	94	9212
	27W	125	1.45	-24	101	9898
	26W	123	1.47	-24	99	9702
	25W	125	1.46	-24	101	9898
	24W	130	1.49	-24	106	10388
	23W	130	1.51	-24	106	10388
	22W	118	1.52	-24	94	9212
	21W	118	1.54	-24	94	9212
	20W	123	1.56	-24	99	9702
	19W	120	1.58	-24	96	9408
	18W	121	2.00	-24	97	9506

L60 17N	125	2:02	-24 107	9898	
16N	125	2:03	-24 101	9898	
15N	120	2:05	-24 99	9702	CLIFF OK
14N	126	2:07	-24 102	9996	
13N	130	2:08	-24 106	10388	
12N	127	2:10	-24 103	10094	
11N	127	2:12	-24 103	10094	
10N	132	2:13	-24 108	10584	
9N	132	2:14	-24 108	10584	
8N	125	2:15	-24 101	9898	
7N	125	2:16	-24 101	9898	
6N	125	2:17	-24 101	9898	
5N	127	2:19	-24 103	10094	
4N	121	2:20	-24 97	9506	
3N	124	2:21	-24 100	9800	
2N	120	2:22	-24 96	9408	
1N	120	2:23	-24 96	9408	
△ 0N	120	2:24	-24 96	9408	
		Loop B.L	50W	→ 60W → 50W	
B.L 50W	120	9:22	-23		
51W	116	9:23	-22		
Bass Values 52W	120	9:24	-22		
53W	117	9:25			
54W	115	9:26			

B.L.	55W	115	9.27		
Base Values	56W	115	9.28	-21	94
		113	9.29		
		114	9.30		
	W	118	9.31		
	60W	118	9.32	-22	96
	58W	114	9.34		
	56W	114	9.36	+1	
	54W	113	9.37	+2	
	52W	117	9.38	+3	
	50W	118	9.40	+2	

Loop Complete

B.L Loop 58W → 68W → 58W

June 16

△	58W	117	9:27	-24	93
	59W	119	9:28	-23	96
Base Values	60W	121	9:30	-25	96
	61W	120	9.31		
	62W	118	9.32		
	63W	121	9:33		
	64W	124	9:34		101
	65W	115	9:35		
	66W	115	9:36		92

67W	113	9:36			
68W	123	9:37	100		
66W	115	9:39			
64W	123	9:41	+1		
62W	120	9:42	+2		
60W	125	9:44	+4		
58W	122	9:46			
			Loop Complete		
L60 OS	125	9:48	-29 96	9408	
1S	114	9:49	-29 85	8330	
2S	118	9:50	-29 89	8722	
3S	116	9:51	-28 88	8624	
4S	118	9:52	-28 90	8820	
5S	115	9:53	-28 87	8526	
6S	120	9:54	-27 93	9114	
7S	117	9:55	-27 90	8820	
8S	119	9:56	-27 92	9016	
9S	120	9:57	-26 94	9212	
10S	122	9:58	-26 96	9408	
11S	126	10:00	-26 100	9800	stream
12S	125	10:02	-25 100	9800	
13S	128	10:04	-25 103	10094	
14S	118	10:06	-25 93	9114	
15S	116	10:07	-24 92	9016	

460	16S	115	10:08	-24	91	8918	
	17S	125	10:09	-24	101	9898	
	18S	125	10:10	-23	102	9996	
	9S	125	10:11	-23	102	9996	
	20S	120	10:12	-23	97	9506	
	21S	114	10:13	-22	92	9016	
	22S	120	10:14	-22	98	9604	
	23S	115	10:15	-22	97	9506	
	24S	115	10:16	-22	98	9604	
	25S	118	10:17	-21	97	9506	
	26S	123	10:18	-21	102	9996	
	27S	125	10:20	-20	105	10290	
	28S	125	10:21	-20	105	10290	
	29S	117	10:22	-20	97	9506	
	30S	113	10:23	-9	94	9212	
464	30S	132	10:40	-19	113	11074	
	29S	110	10:42	-19	91	8918	
	28S	110	10:43	-18	92	9016	
	27S	113	10:44	-18	95	9310	
	26S	107	10:46	-18	89	8722	
	25S	107	10:47	-17	90	8820	
	24S	114	10:49	-17	94	9212	
	23S	114	10:51	-17	98	9604	
	22S	104	10:53	-14	88	8624	

L64 21S	114	10:55	-16 98	9604	
20S	121	10:58	-16 105	10290	
19S	119	10:57	-15 104	10192	
18S	108	10:59	-15 93	9114	
17S	110	11:00	-15 95	9310	
16S	105	11:00	-14 91	8918	
15S	115	11:02	-14 101	9898	
14S	114	11:04	-14 100	9800	
13S	112	11:06	-13 99	9702	
12S	117	11:07	-13 104	10192	
11S	120	11:09	-13 106	10388	Stream
10S	118	11:11	-12 106	10388	
9S	118	11:13	-12 106	10388	
8S	113	11:14	-12 101	9898	
7S	+			~~~	no sh 11.7
6S	110	11:16	-11 99	9702	
5S	—			~~~	no sh 4.5
4S	97	11:17	-11 86	8428	
3S	100	11:19	-11 89	8722	
2S	105	11:20	-11 94	9212	
1S	105	11:22	-11 94	9212	
⚠ 0S	112	11:23	-11 101	9898	
L64 ⚠ 0N	114	12:14	-13 101	9898	
1N	109	12:15	-13 96	9408	

464	2N	107	12.17	-13	94	9212
	3N	112	12:18	-13	99	9702
	4N	112	12 19	-13	99	9702
	5N	104	12.20	-13	91	8918
	6N	110	12.21	-13	97	9506
	7N	110	12.22	-13	97	9506
	8N	116	12:23	-14	102	9996
	9N	114	12:24	-14	100	9800
	10N	120	12:25	-14	106	10388
	11N	110	12:26	-14	96	9408
	12N	115	12:27	-14	101	9898
	13N	118	12:28	-4	104	10192
	14N	110	12:30	-14	96	9408
	15N	120	12:32	-14	106	10388
	16N	111	12:34	-14	97	9506
	17N	121	12:36	-15	106	10388
	18N	108	12:38	-15	95	9310
	19N	105	12:40	-15	90	8820
	20N	107	12:42	-15	92	9016
	21N	110	12:44	-15	95	9310
	22N	100	12:46	-15	85	8330
	23N	108	12:48	-15	93	9114
	24N	107	12:50	-15	87	8526
	25N	105	12:52	-15	90	8820

L64				
26N	99	12:54	-16 83	8134
27N	96	12:56	-16 80	7840
28N	98	12:58	-16 82	8036
29N	100	12:59	-16 84	8232
30N	98	1:01	-16 82	8036
L68 30N	96	1:07	-16 80	7840
29N	89	1:09	-16 73	7154
28N	85	1:11	-16 69	6762
N	98	1:13	-17 81	7938
N	104	1:15	-17 87	8526
N	104	1:17	-17 87	8526
N	115	1:19	-17 98	9604
N	110	1:21	-17 93	9114
22N	113	1:23	-17 96	9408
21N	113	1:25	-17 96	9408
20N	107	1:27	-17 90	8820
19N	115	1:29	-18 97	9506
18N	117	1:31	-18 99	9702
17N	120	1:33	-18 102	9996
16N	115	1:35	-18 97	9506
15N	115	1:37	-18 97	9506
14N	118	1:39	-18 100	9800
13N	122	1:41	-18 104	10192

468	12N	112	1:43	-18	94	9212
	11N	113	1:48	-19	96	9408
	10N	114	1:47	-19	95	9310
	9N	110	1:49	-19	91	8918
	8N	114	1:51	-19	95	9310
	7N	112	1:52	-19	93	9114
	6N	102	1:53	-19	83	8134
	5N	108	1:54	-19	89	8722
	4N	113	1:55	-19	94	9212
	3N	116	1:56	-19	97	9506
	2N	110	1:57	-19	91	8918
	1N	115	1:58	-19	96	9408
△	0N	119	1:59	-19	100	9800

Loop B.L 66W → 88W → [illegible]

B.L	66W	110	9:45	-18	92
	67W	106	9:46	-16	90
	68W	115	9:47	-15	100
	69W	113	9:48		
	70W	107	9:49		
	71W	109	9:50		
	72W	105	9:51	-15	90
	73W	104	9:52		
	74W	100	9:53		
	75W	102	9:53		

		Loop (cont'd)		
Bl 76W	107	9:54	-15 92	
77W	106	9:55		
78W	105	9:56		
79W	103	9:57		
80W	105	9:58	-15 90	
81W	105	9:59		
82W	108	10:00		
83W	110	10:01		
84W	112	10:02	-15 97	
85W	107	10:03		
86W	105	10:04	-15 90	
87W	110	10:05	95	
88W	100	10:06	-15 85	
86W	105	10:08		
84W	110	10:10	+2	
82W	106	10:12	+4	
80W	103	10:14	+2	
78W	105	10:17	0	
76W	107	10:19	0	
74W	100	10:20	0	
72W	105	10:22	0	
70W	105	10:24	0	
68W	115	10:26	0	
66W	110	10:28	0	
		Loop Complete		

168	0s	115	10:36	-15	100	9800
	1s	110	10:37	-15	95	9310
	2s	110	10:38	-15	95	9310
	3s	107	10:39	-15	92	9016
	4s	112	10:40	-15	97	9506
	5s	108	10:41	-15	93	9114
	6s	105	10:42	-15	90	8820
	7s	112	10:43	-15	97	9506
	8s	115	10:44	-15	100	9800
	9s	107	10:46	-15	92	9016
	10s	113	10:49	-15	98	9604 Stream
	11s	110	10:50	-15	95	9310
	12s	103	10:52	-15	88	8624
	13s	114	10:53	-15	99	9702
	14s	93	10:56	-15	78	7644 Stand Climb
	15s	97	10:57	-15	82	8036
	16s	102	10:58	-15	87	8526
	17s	95	10:59	-15	80	7840
	18s	100	11:00	-15	85	8330
	19s	100	11:01	-15	85	8330
	20s	102	11:02	-15	87	8526
	21s	100	11:03	-15	85	8330
	22s	98	11:05	-15	83	8134
	23s	96	11:07	-15	81	7938

168	24S	96	11:08	-15	81	7938
	25S	95	11:10	-15	80	7840
	26S	103	11:11	-15	88	8624
	27S	97	11:12	-15	82	8036
	28S	100	11:13	-15	85	8330
	29S	98	11:14	-15	83	8134
	30S	97	11:16	-15	82	8036
172	30S	95	11:19	-15	80	7840
	29S	96	11:20	-15	81	7938
	28S	99	11:21	-15	84	8232
	27S	96	11:22	-15	81	7938
	26S	100	11:23	-15	85	8330
	25S	103	11:25	-15	88	8624
	24S	100	11:26	-15	85	8330
	23S	101	11:27	-15	86	8428
	22S	100	11:28	-15	85	8330
	21S	100	11:29	-15	85	8330
	20S	98	11:30	-15	83	8134
	19S	101	11:31	-15	86	8428
	18S	97	11:32	-15	82	8036
	17S	105	11:33	-15	90	8820
	16S	105	11:34	-15	90	8820
	15S	103	11:35	-15	88	8624
	14S	108	11:37	-15	93	9114

7/2	13S	106	11:38	-15	91	8918		
	12S	110	11:40	-15	95	9310		
	11S	113	11:41	-15	98	9604		
	10S	110	11:42	-15	95	9310		
	9S	110	11:45	-15	95	9310	57 rain	
	8S	110	11:47	-15	95	9310		
	7S	107	11:51	-15	92	9016		
	6S	110	11:53	-15	95	9310		
	5S	106	11:55	-15	91	8918		
	4S	111	11:57	-15	96	9408		
	3S	103	11:59	-15	88	8624		
	2S	107	12:01	-15	92	9016		
	1S	110	12:03	-15	95	9310		
△	0S	105	12:05	-15	90	8820		
7/2	⊙	0W	105	12:05	-15	90	8820	
		1W	105	12:07	-15	90	8820	
		2W	107	12:09	-15	92	9016	
		3W	98	12:11	-15	83	8134	
		4W	105	12:13	-15	90	8820	
		5W	105	12:15	-15	90	8820	
		6W	112	12:17	-15	97	9506	
		7W	109	12:19	-15	94	9212	
		8W	113	12:21	-15	98	9604	
		9W	110	12:23	-15	95	9310	

L72	10N	110	12:25	-15	95	9310
	11N	115	12:27	-15	100	9800
	12N	115	12:28	-15	100	9800
	13N	113	12:29	-15	98	9604
	14N	118	12:30	-15	103	10094
	15N	118	12:31	-15	103	10094
	16N	120	12:32	-15	105	10290
	17N	114	12:34	-15	99	9702
	18N	105	12:36	-15	80	7840
	19N	102	12:37	-15	87	8526
	20N	105	12:38	-15	90	8820
	21N	110	12:39	-15	95	9310
	22N	112	12:40	-15	97	9506
	23N	115	12:41	-15	100	10290
	24N	110	12:42	-15	95	9310
	25N	110	12:43	-15	95	9310
	26N	105	12:44	-15	90	8820
	27N	105	12:45	-15	90	8820
	28N	100	12:47	-15	85	8330
	29N	95	12:49	-15	80	7840
	30N	98	12:50	-15	83	8134
L76	0N	~~105~~ 107	10:12	-15	92	9016
	1N	104	10:13	-15	89	8722
	2N	105	10:14	-15	90	8820

June 19

26	3 N	108	10:15	-15	93	9114
	4 N	108	10:16	-15	93	9114
	5 N	110	10:17	-15	95	9310
	6 N	109	10:18	-15	94	9212
	7 N	112	10:20	-15	97	9506
	8 N	112	10:21	-15	97	9506
	9 N	110	10:22	-15	95	9310
	10 N	115	10:23	-15	100	9800
	11 N	114	10:24	-15	99	9702
	12 N	112	10:25	-15	97	9506
	13 N	108	10:27	-15	93	9114
	14 N	115	10:28	-15	100	9800
	15 N	110	10:29	-15	95	9310
	16 N	107	10:30	-15	92	9016
	17 N	107	10:31	-15	92	9016
	18 N	105	10:32	-15	90	8820
	19 N	110	10:33	-15	95	9310
	20 N	108	10:34	-15	93	9114
	21 N	105	10:35	-15	90	8820
	22 N	99	10:36	-15	84	8232
	23 N	95	10:37	-15	80	7840
	24 N	93	10:38	-15	78	7644
	25 N	98	10:39	-15	85	8330
	26 N	98	10:40	-15	85	8330

L76 27N	94	10:41	-15 79	7742	
28N	92	10:42	-15 77	7546	
29N	95	10:43	-15 80	7840	
△ 30N	95	10:44	-15 80	7840	
△L76 0S	108	1:07	-16 92	9016	June 18
1S	110	1:08	-16 94	9212	"
2S	105	1:09	-16 89	8722	
3S	105	1:10	-16 89	8722	
4S	—			~~~	no spin y
5S	105	1:11	-16 89	8722	
6S	107	1:12	-16 92	9016	
7S	100	1:13	-16 84	8232	
8S	95	1:14	-16 79	7742	
9S	103	1:15	-15 88	8624	
10S	110	1:16	-15 95	9310	
11S	102	1:17	-15 87	8526	Stream
12S	113	1:35	-15 98	9604	
13S	110	1:37	-15 95	9310	
14S	108	1:39	-15 93	9114	
15S	106	1:41	-15 91	8918	
16S	105	1:43	-14 91	8918	
17S	103	1:45	-14 91	8918	
18S	105	1:47	-14 91	8918	
19S	107	1:49	-14 93	9114	

176	205	104	1:51	-14	90	8820
	215	105	1:52	-14	91	8918
	225	103	1:54	-14	89	8722
	235	100	1:55	-14	86	8428
	245	103	1:56	-13	90	8820
	255	100	1:57	-13	87	8526
	265	100	1:59	-13	87	8526
	275	105	2:01	-13	92	9016
	281	96	2:03	-13	83	8134
	295	102	2:04	-13	89	8722
	305	100	2:06	-13	87	8526
480	305	98	2:09	-12	86	8428
	295	102	2:11	-12	90	8820
	285	96	2:12	-12	84	8232
	275	100	2:13	-12	88	8624
	[illegible]	97	2:14	-12	85	8330
	[illegible]	99	2:15	-12	87	8526
	245	90	2:16	-12	78	7644
	235	98	2:17	-12	77	7546
	225	105	2:18	-11	94	9212
	215	~~105~~	~~2:19~~	-11		
	[illegible]	105	2:19	-11	94	9212
	195	105	2:20	-11	94	9212
	185	98	2:21	-11	87	8526

L80 17S	98	2.22	-11 87	8526	
16S	98	2:23	-11 87	8526	
15S	100	2:24	-11 89	8722	
14S	108	2:25	-11 97	9506	stream
13S	110	2:29	-10 100	9800	stream
12S	102	2:31	-10 92	9016	
11S	107	2:33	-10 97	9506	
10S	115	2:35	-10 105	10290	
9S	109	2:37	-10 99	9702	
8S	103	2:39	-10 93	9114	
7S	110	2:41	-10 100	9800	
6S	106	2:43	-10 96	9408	
5S	105	2:45	-10 95	9310	
4S	103	2:46	-10 93	9114	
3S	105	2:47	-10 95	9310	
2S	103	2:49	-10 93	9114	
1S	103	2:51	-10 93	9114	
◇ 0S	100	2:53	-10 90	8820	
L80 30N	78	10:58	-10 68	6664	June 19
29N	85	10:59	-10 75	7350	
28N	88	11:01	-10 78	7644	
27N	88	11:03	-10 78	7644	
26N	90	11:04	-10 80	7840	
25N	90	11:05	-10 80	7840	

Not fired in

480	24W	89	11:06	-10	79	7742		
	23W	90	11:07	-10	80	7840		
	22W	92	11:08	-10	82	8036		
	21W	88	11:09	-10	78	7644		
	20W	90	11:10	-10	80	7840		
	19W	90	11:11	-10	80	7840		
	18W	95	11:12	-10	85	8330		
	17W	102	11:13	-10	92	9016		
	16W	105	11:14	-10	95	9310		
	15W	104	11:15	-10	94	9212		
	14W	100	11:16	-10	100	9800	STRONG	
	13W	100	11:17	-10	90	8820		
	12W	97	11:18	-10	87	8526		
	11W	95	11:20	-10	85	8330		
	10W	97	11:21	-10	87	8526		
	9W	95	11:22	-10	85	8330		
	8W	95	11:23	-10	85	8330		
	7W	92	11:24	-10	82	8036		
	6W	95	11:25	-10	85	8330		
	5W	98	11:26	-10	88	8624		
	4W	95	11:27	-10	85	8330		
	3W	93	11:28	-10	83	8134		
	2W	95	11:30	-10	85	8330		
	1W	97	11:31	-10	87	8526		

L80 ON	101	11:32	-11 90	8820	
L84 OS	103	11:38	-6 97	9506	
1S	101	11:39	-6 95	9310	
2S	103	11:40	-6 97	9506	
3S	99	11:41	-6 93	9114	
4S	97	11:42	-6 91	8918	
5S	100	11:43	-6 94	9212	
6S	90	11:44	-6 84	8232	
7S	98	11:45	-6 92	9212	
8S	94	11:47	-6 88	8624	
9S	97	11:46	-6 91	8918	
10S	93	11:49	-7 86	8428	
11S	95	11:50	-7 88	8624	
12S	95	11:51	-7 88	8624	
13S	97	11:52	-7 90	8820	
14S	93	11:53	-7 86	8428	
15S	97	11:54	-7 90	8820	
16S	95	11:55	-7 88	8624	
17S	93	11:56	-7 86	8428	
18S	95	11:57	-7 88	8624	
19S	97	11:58	-7 90	8820	
20S	100	12:00	-8 92	9016	Stream
21S	97	12:02	-8 89	8722	
22S	94	12:03	-8 86	8428	

L84	23S	96	12:04	-8	88	8624	
	24S	96	12:05	-8	88	8624	
	25S	96	12:06	-8	88	8624	
	26S	94	12:07	-8	86	8428	
	27S	92	12:08	-8	84	8232	
	28S	92	12:09	-8	84	8232	
	29S	95	12:10	-8	87	8526	
	30S	97	12:11	-9	88	8624	
L88	30S	95	12:13	-9	86	8428	
	29S	95	12:14	-9	86	8428	
	28S	92	12:15	-9	83	8134	
	27S	97	12:16	-9	88	8624	
	26S	97	12:17	-9	88	8624	
	25S	93	12:18	-9	84	8232	
	24S	91	12:19	-9	82	8036	
	23S	93	12:20	-9	84	8232	
	22S	98	12:21	-9	90	8820	
	21S	98	12:22	-10	88	8624	Sprint
	20S	95	12:30	-10	85	8330	
	19S	98	12:32	-10	88	8624	
	18S	96	12:34	-10	86	8428	
	17S	94	12:36	-10	84	8232	
	16S	95	12:38	-10	85	8330	
	15S	93	12:40	-10	83	8134	

L88 14S	98	12:42	-11	87	8526
13S	98	12:44	-11	87	8526
12S	102	12:46	-11	91	8918
11S	97	12:48	-11	86	8428
10S	96	12:50	-11	85	8330
9S	93	12:52	-11	82	8036
8S	97	12:54	-11	86	8428
7S	99	12:56	-11	88	8624
6S	97	12:58	-12	85	8330
5S	97	1:00	-12	85	8330
4S	95	1:02	-12	83	8134
3S	99	1:04	-12	87	8526
2S	97	1:06	-12	85	8330
1S	97	1:08	-13	84	8232
◁ 0S	97	1:10	-13	84	8232
		B.L Loop W86 → 104W → 86W			
B.L. 86W	103	10:10	-13		
87W	101	10:11	-6		
88W	100	10:13	-15		
89W	102	10:14			
90W	100	10:15			
91W	100	10:16			
92W	96	10:17	-12	86	
93W	100	10:18			

L2	94W	100	10:19					
	95W	96	10:20					
	96W	100	10:21	88				
	97W	97	10:22					
	98W	100	10:23					
	99W	98	10:24					
	100W	99	10:25	89				
	101W	97	10:26					
	102W	97	10:27					
	103W	95	10:28					
	104W	96	10:30	84				
	102W	97	10:32					
	100W	99	10:34					
	98W	99	10:36					
	96W	96	10:38	+1				
	94W	95	10:40	+5				
	92W	94	10:42	+2				
	90W	96	10:44	+4				
	88W	94	10:46	+6				
	86W	97	10:48	+6				
				Log	Complete			
L84	0N	100	11:03	+3	97	9506		
	1N	98	11:04	+3	95	9310		
	2N	96	11:05	+3	93	9114		

L84 3N	94	11:06	-3	91	8918
4N	94	11:07	-3	91	8918
5N	96	11:08	-1	92	9016
6N	97	11:09	-1	93	9114
7N	100	11:10	-1	96	9408
8N	100	11:11	-1	96	9408
9N	94	11:12	-1	90	8820
10N	94	11:13	-5	89	8722
11N	98	11:14	-5	83	8134
12N	96	11:15	-5	81	7938
13N	98	11:16	-5	83	8134
14N	96	11:17	-5	91	8918
15N	101	11:18	-6	95	9310
16N	103	11:20	-6	97	9506
17N	100	11:21	-6	94	9212 stream
18N	106	11:22	-6	100	9800
19N	101	11:24	-6	95	9310
20N	105	11:26	-7	98	9604
21N	107	11:27	-7	100	9800
22N	97	11.28	-7	90	8820
23N	95	11:29	-7	88	8624
24N	98	11.30	-7	91	8918
25N	96	11.31	-8	88	8624
26N	87	11:32	-8	79	7742
27N	84	11:33	-8	76	7448

L84	28 N	88	11:34	-8	80	7840	
	29 N	90	11:35	-8	82	8036	
	30 N	85	11:36	-9	76	7448	
L88	30 N	85	11:47	-9	76	7448	OTC
	29 N	90	11:48	-9	81	7938	
	28 N	84	11:49	-9	75	7350	
	27 N	92	11:50	-9	83	8134	
	26 N	90	11:51	-10	80	7840	
	25 N	92	11:52	-10	82	8036	
	24 N	95	11:53	-10	85	8330	
	23 N	89	11:54	-10	79	7742	
	22 N	92	11:56	-10	82	8036	
	21 N	96	11:57	-10	86	8428	
	20 N	98	11:58	-10	88	8624	
	19 N	102	11:59	-10	92	9016	
	18 N	105	12:01	-10	95	9310	
	17 N	101	12:03	-10	91	8918	
	16 N	100	12:04	-10	90	8820	
	15 N	100	12:05	-10	90	8820	
	14 N	105	12:06	-10	95	9310	
	13 N	105	12:08	-10	95	9310	
	12 N	100	12:09	-10	90	8820	
	11 N	97	12:10	-10	87	8526	
	10 N	99	12:11	-10	89	8722	

L88	9N	100	12:12	-10	90	8820
	8N	94	12:13	-10	84	8232
	7N	98	12:14	-10	88	8624
	6N	97	12:15	-10	87	8526
	5N	90	12:16	-10	80	7840
	4N	94	12:17	-10	84	8232
	3N	97	12:18	-10	87	8526
	2N	101	12:19	-10	91	8918
	1N	100	12:20	-10	90	8820
	△ 0N	100	12:21	-16	84	8232
L92	△ 0S	93	12:30	-7	86	8428
	1S	92	12:32	-7	85	8330
	2S	95	12:34	-7	88	8624
	3S	95	12:36	-7	88	8624
	4S	93	12:37	-7	86	8428
	5S	97	12:38	-7	90	8820
	6S	98	12:39	-7	91	8918
	7S	96	12:40	-7	89	8722
	8S	94	12:41	-7	87	8526
	9S	94	12:42	-7	87	8526
	10S	91	12:44	-7	90	8820
	11S	87	12:45	-7	80	7840
	12S	89	12:46	-7	82	8036
	13S	89	12:47	-7	81	7938

492	14s	86	12:48	-7	79	7742	
	15s	92	12:49	-7	85	8330	
	16s	88	12:50	-7	81	7938	
	17s	89	12:51	-7	82	8036	
	18s	84	12:52	-7	77	7546	
	19s	94	12:53	-7	87	8526	
	20s	96	12:55	-7	89	8722	
	21s	90	12:56	-8	82	8036	
	22s	94	12:57	-8	86	8428	
	23s	94	12:58	-8	86	8428	
	24s	93	12:59	-8	85	8330	
	25s	95	1:00	-8	87	8526	
	26s	98	1:01	-8	90	8820	Stream
	27s	92	1:04	-8	84	8232	
	28s	90	1:05	-8	82	8036	
	29s	92	1:06	-8	84	8232	
	30s	86	1:07	-8	78	7644	
496	30s	85	1:36	-8	77	7546	Stream
	29s	92	1:37	-8	84	8232	
	28s	94	1:38	-8	86	8428	
	27s	88	1:39	-8	80	7840	
	26s	93	1:40	-8	85	8330	
	25s	95	1:41	-8	87	8526	
	24s	95	1:42	-8	87	8526	

L96 23S	93	1:43	-8 85	8330	↑
22S	91	1.44	-8 83	8134	CLIFF
21S	95	1:45	-8 87	8526	↓
20S	83	1:47	-8 75	7350	
19S	85	1.48	-9 77	7546	
18S	88	1:49	-9 79	7742	
17S	90	1:51	-9 81	7938	
16S	85	1:52	-9 76	7448	
15S	92	1.53	-9 83	8134	
14S	90	1:54	-9 81	7938	
13S	95	1:55	-9 86	8428	
12S	86	1:56	-9 77	7546	
11S	92	1.58	-9 83	8134	
10S	90	1.59	-9 81	7938	
9S	88	2:01	-9 79	7742	
8S	90	2:03	-9 81	7938	
7S	93	2:05	-9 84	8232	
6S	95	2:06	-9 86	8428	
5S	92	2:07	-9 83	8134	
4S	94	2:08	-9 85	8330	
3S	96	2:09	-9 87	8526	
2S	104	2:10	-9 95	9310	
1S	91	2:11	-9 88	8624	
0S	91	2:12	-9 88	8624	

4-92	1N	94	6:41	-8	86	8428
	2N	96	6:42	-8	88	8624
	3N	95	6:43	-8	87	8526
	4N	95	6:44	-8	87	8526
	5N	90	6:45	-8	82	8036
	6N	92	6:46	-8	84	8232
	7N	94	6:47	-8	86	8428
	8N	96	6:48	-8	88	8624
	9N	98	6:49	-8	90	8820
	10N	100	6:50	-8	92	9076
	11N	97	6:51	-8	89	8722
	12N	99	6:52	-8	91	8918
	13N	98	6:53	-8	90	8820
	14N	100	6:54	-8	92	9076
	15N	100	6:55	-8	92	9076
	16N	102	6:56	-8	94	9212
	17N	99	6:57	-8	91	8918
	18N	100	6:58	-8	92	9076
	19N	100	6:59	-8	92	9076
	20N	102	7:00	-8	94	9212
	21N	98	7:01	-8	90	8820
	22N	95	7:02	-8	87	8526
	23N	93	7:03	-8	85	8330
	24N	93	7:04	-8	85	8330

L92 25N	92	7.05	-8	84	8232
26N	89	7.06	-8	71	6958
28N	90	7:07	-8	82	8036
28 27N	90	7:07 7.08	-8	82 82	8036 8036
30N	92	7:09	-8	84	8232
L96 30N	89	7-10	-8	81	7938
29N	94	7:11	-8	86	8428
28N	80	7:12	-8	72	7056
27N	90	7:13	-8	82	8036
26N	92	7:14	-8	84	8232
25N	90	7:15	-8	82	8036
24N	93	7:16	-8	85	8330
23N	90	7:17	-8	82	8036
22N	97	7:18	-8	89	8722
21N	94	7:19	-8	86	8428
20N	94	7:20	-8	86	8428
19N	97	7:21	-8	89	8722
18N	98	7:22	-8	90	8820
17N	95	7:23	-8	87	8526
16N	94	7:24	-8	86	8428
15N	95	7:25	-8	87	8526
14N	96	7:26	-8	88	8624
13N	97	7:27	-8	89	8722
12N	97	7:28	-8	89	8722

496	11 N	93	7:29	-8	85	8330		
	10 N	95	7:30	-8	87	8526		
	9 N	94	7:31	-8	86	8428		
	8 N	96	7:32	-8	88	8624		
	7 N	90	7:33	-8	82	8036		
	6 N	92	7:34	-8	84	8232		
	5 N	91	7:35	-8	83	8134		
	4 N	92	7:36	-8	84	8232		
	3 N	90	7:37	-8	82	8036		
	2 N	92	7:38	-8	84	8232		
	1 N	93	7:39	-8	85	8330		
	0 N	96	7:40	-8	88	8624		
1100	0 S	99	11:36	-10	89	8722	June 21	
	1 S	99	11:37	-10	89	8722	"	
	2 S	97	11:38	-10	87	8526		
	3 S	100	11:40	-10	90	8820		
	4 S	100	11:41	-10	90	8820		
	5 S	100	11:42	-10	90	8820		
	6 S	96	11:43	-10	86	8428		
	7 S	94	11:44	-10	84	8232		
	8 S	95	11:45	-10	85	8330		
	9 S	96	11:46	-10	86	8428		
	10 S	99	11:47	-10	89	8722		
	N S	94	11:48	-10	84	8232		

LIDO	12S	96	11.48	-10	86	8428
	13S	96	11:49	-10	86	8428
	14S	95	11:50	-10	85	8330
	15S	95	11:51	-10	85	8330
	16S	97	11:52	-10	87	8526
	17S	95	11:53	-10	85	8330
	18S	94	11:54	-10	85	8330
	19S	92	11:55	-10	82	8036
	20S	91	11:56	-10	81	7938
	21S	95	11:57	-10	85	8330
	22S	93	11.56	-10	83	8134
	23S	91	11:59	-10	81	7938
	24S	89	12:01	-10	79	7742
	25S	93	12:02	-10	83	8134
	26S	94	12:03	-10	84	8232
	27S	94	12:04	-10	84	8232
	28S	92	12:05	-10	82	8036
	29S	92	12:06	-10	82	8036
	30S	95	12:07	-10	85	8330
LIDO	30S	95	12:27	-10	85	8330
	29S	95	12:28	-10	85	8330
	28S	89	12:29	-10	79	7742
	27S	91	12:30	-10	81	7938
	26S	94	12:31	-10	84	8232

04	25 S	93	12:32	-10	83	8134	
	24 S	95	12:33	-10	85	8330	
	23 S	95	12:34	-10	85	8330	
	22 S	93	12:35	-10	83	8134	
	21 S	94	12:36	-10	81	7938	
	20 S	96	12:37	-10	86	8428	
	19 S	92	12:38	-10	82	8036	
	18 S	95	12:39	-10	85	8330	
	17 S	93	12:40	-10	83	8134	
	16 S	93	12:41	-10	83	8134	
	15 S	90	12:42	-10	80	7840	
	14 S	92	12:43	-10	82	8036	
	13 S	94	12:44	-10	84	8232	
	12 S	94	12:45	-10	84	8232	
	11 S	96	12:46	-10	86	8428	Spread
	10 S	94	12:47	-10	84	8232	
	9 S	93	12:50	-10	83	8134	
	8 S	90	12:51	-10	80	7840	
	7 S	90	12:52	-10	80	7840	
	6 S	91	12:53	-10	81	7938	
	5 S	90	12:54	-10	80	7840	
	4 S	92	12:55	-10	82	8036	
	3 S	95	12:56	-10	85	8330	
	2 S	96	12:58	-10	88	8624	

L104 IS	96	1:00	-10	86	8428
△ OS	94	1:01	-10	84	8232
L104 ON	94	2:47	-10	84	8232
1N	96	2:48	-10	86	8428
2N	96	2:49	-10	86	8428
3N	95	2:50	-10	85	8330
4N	96	2:51	-10	86	8428
5N	92	2:53	-10	82	8036
6N	96	2:54	-10	86	8428
7N	97	2:55	-10	87	8526
8N	100	2:56	-10	90	8820
9N	99	2:57	-10	89	8722
10N	100	2:58	-10	90	8820
11N	102	2:59	-10	92	9016
12N	100	3:00	-10	90	8820
13N	102	3:01	-10	92	9016
14N	105	3:02	-10	95	9310
15N	107	3:03	-10	97	9506
16N	96	3:04	-10	86	8428
17N	99	3:05	-10	89	8722
18N	100	3:06	-10	90	8820
19N	97	3:07	-10	87	8526
20N	97	3:08	-10	87	8526
21N	97	3:09	-10	87	8526

-104	22N						to 5th 22
	23N	94	3:10	-10	84	8232	
	24N	98	3:11	-10	88	8624	
	25N	93	3:12	-10	83	8134	
	26N	90	3:13	-10	80	7840	
	27N	86	3:14	-10	76	7448	OTC stream
	28N	96	3:17	-10	86	8428	
	29N	98	3:19	-10	88	8624	
	30N	103	3:21	-10	93	9114	
-100	30N	94	4:02	-10	84	8232	OTC
	29N	90	4:03	-10	80	7840	stream
	28N	97	4:04	-10	87	8526	
	27N	92	4:05	-10	82	8036	
	26N	95	4:06	-10	85	8330	
	25N	97	4:07	-10	87	8526	
	24N	95	4:08	-10	85	8330	
	23N	98	4:09	-10	88	8624	
	22N	98	4:10	-10	88	8624	
	21N	104	4:11	-10	94	9210	
	20N	102	4:12	-10	92	9016	
	19N	101	4:13	-10	91	8918	
	18N	105	4:14	-10	95	9310	
	17N	102	4:15	-10	92	9016	
	16N	100	4:1[illegible]	-10	90	8820	

L100	15N	102	4.17	-10 92	9016
	14N	102	4.18	-10 92	9016
	13N	100	4.19	-10 90	8820
	12N	100	4:20	-10 90	8820
	11N	102	4.21	-10 92	9016
	10N	100	4.22	-10 90	8820
	9N	96	4:23	-10 86	8428
	8N	99	4.24	-10 89	8722
	7N	98	4:26	-10 88	8624
	6N	95	4:27	-10 85	8330
	5N	95	4:29	-10 85	8330
	4N	94	4:29	-10 84	8232
	3N	95	4:30	-10 85	8330
	2N	100	4:31	-10 90	8820
	1N	99	4:32	-10 89	8722
	0N	99	4:33	-10 89	8722

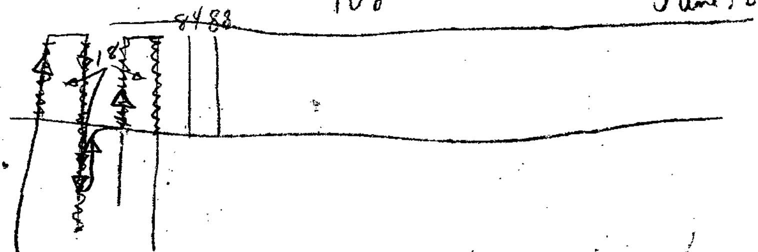
9.9
91

99
891

900.9

Monday June 13

36
40
44 — June 14
48
52 — June 15
56
60 — June 16
64
68 — June 17
72
76 — June 18
80
84 — June 19
88 — June 20
92
96
100 — June 21
104
108 — June 22



N 68. 72 76 80