Grid 3 Mar 3/86 8603 03 01

L	P_1	C			
502	9753	150/300			2:25
502	9503	400			2:33
502	9253	150			2:39
502	9003	310			2:44
502	8753	170			2:50
502	8503	220			2:54
502	8253	230			2:59
502	8003	180			3:03
502	7753	170			3:08
502	7503	360			3:13
502	7253	240			3:19
502	7003	130			2:24
502	6753	210			2:28
502	6503	250			2:33
502	6253	320			2:38
502	6003	240/170	$n=4$		4:42
502	5753	140	$n=3$		4:48
502	5503	150	$n=2$		3:52
502	5253	150	$n=1$		3:56

Mt. Sicker
827647
092B/13

Mark →	4/86 transmitted	attempted IP sensory died		
			86030302	
492	9753	15/18	Mar 5/86	8:35
492	9503	24	86030302	8:42
492	9253	29		8:51
492	9003	36		9:02
492	8753	33		9:08
492	8503	34/34		9:12
492	8253	35/35		9:18
492	8003	12/16		9:31
492	7753	23		9:45
492	7503	20		9:51
492	7253	19/19		10:00
492	7003	17		10:07
492	6753	17		10:14
492	6503	34		10:28
492	6253	20		10:31
492	6003	18		10:35
492	5753	19/20		10:40
492	5503	23		10:47
492	5253	28/28		10:51
492	5003	31	n=4	10:59
492	4753	16	n=3	11:04
492	4503	17	n=2	11:18
492	4253	19	n=1	11:25

L	P	C			t
482	9753	23/17			12:01
482	9503	16			12:09
482	9253	22			12:14
482	9003	21			12:22
482	8753	17			12:27
482	8503	19	, TEST V		12:32
482	8253	40			1:11
482	8003	~~33~~ 30			1:15
482	7753	~~30~~ ~~23~~ ~~21~~ 17/34			1:20
482	7503	33			1:30
482	7253	28			1:35
482	7003	28			1:39
482	6753	28			1:44
482	6503	29			1:48
482	6253	29			1:52
482	6003	29			1:56
482	5753	30/30			2:01
482	5503	30/30	clump spool TOE		2:11
482	5253	29			
482	5003	29			2:28
482	4753	26			2:34
482	4503	29			2:39
482	4253	28			2:46
482	4003	30			2:52
482	3753	31/31			2:59

L	P_1	C			
~~482~~	3503	31		J	3:07
482	3253	38			3:12
482	3003	34			3:16
482	2753	35	n=4		3:20
482	2503	37	n=3		3:24
482	2253	36	n=2		3:28
482	2003	36	n=1		3:32

TEST ✓

L	P_1	C			
472	9753	~~58~~	39		4:15
472	9503	40			4:22
472	9253	40			4:27
472	9003	44			4:33
472	8753	~~44~~	38		4:45
472	8503	~~34~~	28		4:52
472	8253	27			4:58
472	8003	46	change spool		5:04
472	7753	42			5:16
472	7503	58			5:21

L	P	C	Mar. 6/86		
472	7503	58	86030303		(4 out)
472	7503	58			(3 out)
472	7003	42		1:32	(4 out)
472	7003	42			(3 out)
472	6003	45		1:42	(4 out)
472	6003	45			(3 out)
472	6753	45	very slow	1:49	(4 out)
472	6753	45			(3 out)
472	6503	44		1:57	(4 out)
472	6503	44			(3 out)
472	6253	44		2:03	4 out
472	6253	44			3 out
472	6003	50		2:13	4 out
472	6003	50	rapid 4 → 3		3 out
472	5753	50		2:21	4 out
472	5753	50			3 out
472	5503	58/58	(repeat)	2:32	4 out
472	5503	58			3 out
472	5253	35	n=4	2:42	4 out
472	5253	35	n=4		3 out
472	5003	48	n=3		4 out
472	5003	48	n=3		3 out
472	4753	35	n=2		
472	4503	24	n=1	2:58	

L	P	C	Mar 7/86 86030304		
462	9753	45			8:13
462	9503	55			8:19
462	9253	55			8:30
462	9003	55			8:36
462	8753	55			8:42
462	8503	56			8:48
462	8253	55			8:56
462	8003	56			9:00
462	7753	53			9:06
462	7503	55			9:12
462	7253	54			9:17
462	7003	55			9:20
462	6753	55			9:25
462	6503	55			9:30
462	6253	55			9:34
462	6003	55			9:38
462	5753	56	chge spool 76E		9:48
462	5503	55/55			9:53
462	5253	55			10:02
462	5003	55			10:08
462	4753	55			10:12
462	4503	55			10:18
462	4253	55			10:22
462	4003	54			10:27
462	3753	54			10:32

L	P	C			
462	3503	55			10:38
462	3253	55			10:42
462	3003	56			10:48
462	2753	55	n=4		10:54
462	2503	55	n=3		10:58
462	2253	55	n=2		11:02
462	2003	55	n=1		11:06

Mar 7/86
86030304

L	P1	C			
452	9753	56			11:50
452	9503	56			11:55
452	9253	56			11:59
452	9003	56			12:03
452	8753	55			12:07
452	8503	50			12:11
452	8253	55			12:16
452	8003	55			12:20
452	7753	55			12:24
452	7503	55			12:46
452	7253	56			12:51
452	7003	56	change speed 70E		12:55
452	6753	55			1:02
452	6503	55			1:05
452	6253	55			1:09
452	6003	47			1:13
452	5753	55			1:17
452	5503	55			1:21
452	5253	55			1:25
452	5003	56	/56		1:29
452	4753	55			1:35
452	4503	55			1:40
452	4253	56			1:44
452	4003	54			1:48
452	3753	57			1:52

L	P_1	C			
452	3503	33			1:57
452	3253	50			2:00
452	3003	51			2:05
452	2753	52	$n=4$		2:09
452	2503	52	$n=3$		2:13
452	2253	51	$n=2$		2:17
452	2003	52	$n=1$		2:20

B6030304

L	P,	C			
442	9753	60	Man	7/86	3:13
442	9503	59			3:17
442	9253	60			3:21
442	9003	60			3:25
442	8753	61			3:29
442	8503	60			3:34
442	8253	59	70E change spool		3:42
442	8003	55			3:46
442	7753	53			3:50
442	7503	54			3:55
442	7253	54			3:59
442	7003	55			4:04
442	6753	55			4:08
442	6503	42			4:13
442	6253	42			4:17
442	6003	42			4:21
442	5753	43			4:26
442	5503	43/56			4:30

32
32
18
82 station

85
25
425
170
21 25 meter

L	P_i	C	860303O5		
442	5503	60	(repeat)		8:12
442	5253	60	Mar 8/86		8:17
442	5003	66			8:21
442	4753	~~60~~ 59			8:25
442	4503	60			8:29
442	4253	59			8:33
442	4003	60			8:37
442	3753	60			8:41
442	3503	60			8:46
442	3253	60			8:49
442	3003	60			8:53
442	2753	60(?)	chug-grunt-TOE	n=4	9:01
442	2503	61		n=3	9:03
442	2253	60		n=2	9:09
442	2003	~~60~~ 61		n=1	9:13
L	P_i	C	860503O5		
432	9753	65			10:05
432	9503	80			10:09
432	9253	101			10:14
432	9003	100			10:20
432	8753	99			10:31
432	8503	95			10:36
432	8253	105			10:41
432	8003	104			10:48
432	7753	94			10:54

L	Pi	C			
432	7503	102			10:59
432	7253	100			11:03
432	7003	100			11:08
432	6753	102			11:12
432	6503	84			11:16
432	6253	60			11:20
432	6003	77			11:25
432	5753	89			11:31
432	5503	86			11:35
432	5253	77			11:41
432	5003	71			11:45
432	4753	80			11:49
432	4503	77			11:56
432	4253	80			12:00
432	4003	78	clump good 70E		12:07
432	3753	78			12:11
432	3503	67			12:16
432	3253	81			12:20
432	3003	80			12:24
432	2753	78	n = 4		12:28
432	2503	81	n = 3		12:32
432	2253	80	n = 2		12:36
432	2003	80	n = 1		12:40

47 station

45
25
240
ab

1200 meters
2 more surfaces

L	P1	C	86030106		
12	1475	86	Mon 9/86		8:44
12	1450	84	TL@1475 S		8:50
12	1425	43			9:02
12	1400	85			9:06
12	1375	75			9:11
12	1350	56			9:15
12	1325	87			9:20
12	1300	63			9:24
12	1275	88			9:28
12	1250	88			9:35
12	1225	88			9:42
12	1200	55			9:47
12	1175	61			9:52
12	1150	67/67			9:59
12	1125	47	1 = North		10:06
12	1100	83	2 = East		10:11
12	1075	86	3 = South		10:16
12	1050	41	4 = west		10:20
12	1025	63			10:24
12	1000	40			10:29
12	9753	80			10:33
12	9503	87			10:37
12	9253	70			10:41
12	9003	63			10:45
12	8753	46	change signal 70¢		10:55

L	P_1	C	pit@ 8003	
12	8503	70		11:00
12	8253	65		11:04
12	8003	52		11:10
12	7753	65	(Ma 5 PM)	11:14
12	7503	~~45~~	+ truck broke amount was	11:48
12	7253	57	dead battery	12:52
~~12~~	~~7003~~	~~27~~ 27	~~broke~~	~~12:18~~
12	7003	70		12:53
12	6753	75		1:01
12	6503	~~65~~ 74	dead battery	1:06
12	6253	76		1:21
12	6003	65	n=4	1:26
12	5753	65	n=3	1:38
12	5503	~~62~~ 45	n=2	1:42
12	5253	48	n=1	1:47

L	P_1	C	8603 0106	
22	1500	65	TL@1525S	3:28
22	1475	65/65		3:32
22	1450	65		3:39
22	1425	64		3:42
22	1400	62		3:47
22	1375	65		3:51
22	1350	63		3:55
22	1325	65		4:01
22	1300	62		4:05

86030106

L	Pi	C			
22	1275	65			4:09
22	1250	64			4:14
12	1225	65			4:18
12	1200	56			4:22
22	1175	62			4:27
22	1150	64			4:35
22	1125	60			4:38
22	1100	51			4:43
22	1075	64			4:49
22	1050	60			4:54
22	1025	64			4:59
22	1000	64			5:05
22	9753	62			5:09
22	9503		TOE change rpod ~~change feathers~~		5:15

Thick bore wire again

39 1500 - 500

22 1525 - 975

61 size.

63

25

315

126

7 sm

15

Mar 10/86

L	P_1	C		
22	9503	64/64	86030107	8:23
22	9253	63		8:29
22	9003	60		8:36
22	8753	60		8:41
22	8503	64		8:46
22	8253	65		8:50
22	8003	65		8:57
22	7753	65		9:02
22	7503	64		9:08
22	7253	63		9:12
22	7003	65		9:16
22	6753	45		9:22
22	6503	65		9:28
22	6253	64		9:32
22	6003	58	n=4	9:37
22	5753	47	n=3	9:41
22	5503	63	n=2	9:45
22	5253	65	n=1	9:50

L	P_1	C		
32	1475	62/62	TK@14875	11:04
32	1450	56		11:10
32	1425	64		11:14
32	1400	64		11:19
32	1375	61		11:24
32	1350	64		11:30

8603 01 07

L	P_1	C			
32	7003	63			1:56
32	6753	52			2:00
32	6503	56			2:06
32	6253	66			2:10
32	6003	52			2:16
32	5753	39			2:21
32	5503	55	$n=4$		2:27
32	5253	64	$n=3$		2:31
32	5003	53	$n=2$		2:36
32	4753	57	$n=1$		2:43
L	P_1	C			
42	1475	64			4:02
42	1450	53			4:06
42	1425	58			4:11
42	1400	59			4:15
42	1375	63			4:20
42	1350	62			4:25
42	1325	63			4:30
42	1300	50			4:38
42	1275	62			4:44
42	1250	46			4:49
42	1225	62			4:54
42	1200	63			4:59
42	1175	62			5:03
42	1150	65			5:08

C	Pi	C			
42	1125	65			5:13
42	1100	64			5:18
42	1075	65			5:22
42	1050	65			5:27
42	1025	63			5:32
42	1000	62	u=4 diff@	8755	5:37
42	9753	62			5:43

18
41
21
80 stalls

83
25
41 5
166
207 5m

L	P_1	C	86030108		
42	9503	61	Mar 11/86		8:29
42	9253	60			8:36
42	9003	53	chug - prod		8:42
42	8753	53			8:48
42	8503	65			8:53
42	8253	67			8:58
42	8003	54			9:03
42	7753	51			9:08
42	7503	50			9:13
42	7253	54			9:17
42	7003	46			9:21
42	6753	50			9:26
42	6503	64			9:33
42	6253	66			9:37
42	6003	47			9:43
42	5753	61			9:50
42	5503	65	n=4		9:54
42	5253	62	n=3		9:59
42	5003	60	n=2		10:03
42	4753	65	n=1		10:09
L	P_1	C	86030108		
52	1475	65			11:27
52	1450	61			11:31
52	1425	53			11:35
52	1400	62			11:39

L	Pi	L			
62	1375	65			11:43
52	1350	63			11:47
52	1325	66			11:51
52	1300	65			11:55
52	1275	66			12:03
52	1250	54			12:08
52	1225	62			12:13
52	1250	56			12:18
52	1175	65	diff @ 1175		12:23
52	1150	65			12:28
52	1125	58			12:34
52	1100	55			12:39
52	1075	60			12:43
52	1050	56			12:47
52	1025	58			12:51
52	1000	58			12:56
52	9753	65			1:01
52	9503	63			1:05
52	9253	66			1:09
52	9003	63	change front 50Z		1:16
52	8753	56			1:20
52	8503	65			1:26
52	8253	63			1:31
52	8003	62			1:36
52	7753	54/54			1:42

L	Pi	C	86030108		
52	7503	57			1:53
52	7253	67/67			1:57
52	7003	34			2:02
52	6753	22			2:13
52	6503	59			2:19
52	6253	65			2:24
52	6003	66			2:29
52	5753	64			2:33
52	5503	55			2:38
52	5253	46			2:43
52	5003	65			2:47
52	4753	63			2:51
52	4503	50			2:56
52	4253	57			3:01
L	Pi	C			
0	1475	63			4:11
0	1450	63			4:16
0	1425	51			4:21
0	1400	58			4:25
0	1375	65			4:29
0	1350	63			4:33
0	1325	63			4:37
0	1300	64			4:41
0	1275	67			4:46
0	1250	64			4:50

L	Pi	C			
0	1225	55			4:55
0	1200	47			5:00

20
43
12
---
75 stations

78
2-

390
39
156
---
195 0m

L	P_i	C	86030109		
0	1175	41	Mar 12/86		8:08
0	1150	63			8:12
0	1125	60			8:16
0	1100	63			8:20
0	1075	65			8:23
0	1050	~~57~~ 65			8:27
0	1025	59			9:32
0	1000	46			9:37
0	9753	45			9:41
0	9503	63	70E change speed		9:49
0	9253	60			9:54
0	9003	65			9:58
0	8753	65	pt @ 800s		9:03
0	8503	57			9:06
0	8253	63			9:11
0	8003	65			9:16
0	7753	34			9:21
0	7503	65			9:26
0	7253	68			9:32
0	7003	65			9:37
0	6753	64			9:42
0	6503	51			9:46
0	6253	65			9:51
0	6003	65	n=4		9:56
0	5753	65	n=3		10:00

L	P_1	C		
2	5503	62	n = 2	10:06
0	5253	37	n = 1	10:10

L	P_1	C	E6030109	
14	1475	59		11:26
14	1450	65		11:30
14	1425	66		11:35
14	1400	35		11:39
14	1375	62		11:43
14	1350	63/63		11:47
14	1325	63/63		11:52
14	1300	60		11:58
14	1275	66		12:03
14	1250	63		12:07
14	1225	63		12:11
14	1200	62		12:14
14	1175	59		12:17
14	1150	65		12:22
14	1125	56	roll @ 975 → 1000s	12:26
14	1100	63		12:30
14	1075	65		12:34
14	1050	61		12:38
14	1025	62		12:42
14	1000	67		12:46
14	9753	63		12:50
14	9503	63	70E chart off tool	

L	P	C			
14	9253	36			1:00
14	9003	65			1:05
14	8753	54/54			1:09
14	8503	48			1:16
14	8253	57			1:20
14	8003	66			1:23
14	7753	65			1:27
14	7503	20			1:32
14	7253	43			1:37
14	7003	67			1:43
14	6753	63			1:47
14	6503	56			1:51
14	6253	66			1:55
14	6003	62	n=4		2:00
14	5753	48	n=3		2:05
14	5503	49	n=2		2:08
14	5253	63	n=1		2:12
L	P	C			
24	1475	37	TL@14855		3:14
24	1450	40	86030109		3:18
24	1425	41			3:23
24	1400	65			3:27
24	1375	65			3:32
24	1350	63			3:37
24	1325	66			3:43

L	Pi	C			
24	1300	67			3:45
24	1275	65			3:51
24	1250	65			3:55
24	1225	65			3:59
24	1200	65			4:03
24	1175	64			4:07
24	1150	46			4:12
24	1125	63			4:15
24	1100	60			4:18
24	1075	54			4:21
24	1050	38			4:26
24	1025	33			4:30
24	1000	55			4:34
24	9753	54	change pool		4:38

27
39
21
87 station

25
90
2250 meter

L.	P	C	86030111 Mon 14/86		
54	1500	67			9:12
54	1475	64	TL@1525S		9:17
54	1450	83			9:21
54	1425	80			9:25
54	1400	80			9:29
54	1375	81			9:33
54	1350	80			9:37
54	1325	80			9:41
54	1300	81			9:45
54	1275	80			9:50
54	1250	81			9:54
54	1225	80			9:58
54	1200	78			10:06
54	1175	62			10:10
54	1150	80			10:14
54	1125	80			10:18
54	1100	76			10:23
54	1075	62			10:28
54	1050	80			10:33
54	1025	79			10:36
54	1000	43			10:40
54	9753	56	chge spool 70E		10:47
54	9503	68			10:51
54	9253	48			10:55
54	9003	80			10:59

L	P	C			
54	8753	51			11:03
54	8503	70			11:07
54	8253	80			11:13
54	8003	83	?? pts OK		11:17
54	7753	83			11:34
54	7503	87			11:38
54	7253	83			11:42
54	7003	84			11:47
54	6753	81			11:50
54	6503	84			11:53
54	6253	84			11:57
54	6003	80	n = 4		12:01
54	5753	78	n = 3		12:04
54	5503	82	n = 2		12:07
54	5253	83	n = 1		12:10
54	8003	80	n = 3		12:23
L	P	C	8603 D 111		
64	1500	81	TL @ 15255		1:27
64	1475	57			1:32
64	1450	80			1:36
64	1425	80			1:40
64	1400	75			1:44
64	1375	80			1:48
64	1350	83			1:51
64	1325	80			1:55

C	P_1	C			
64	1300	79			1:58
64	1275	79			2:02
64	1250	80			2:06
64	1225	77			2:09
64	1200	82			2:12
64	1175	80			2:17
64	1150	80			2:20
64	1125	80			2:23
64	1100	79			2:26
64	1075	54			2:30
64	1050	79			2:34
64	1025	80			2:38
64	1000	83			2:42
64	9753	88	change 70E spool		2:47
64	9503	83			2:51
64	9253	81			2:55
64	9003	71			3:02
64	8753	80			3:07
64	8503	79	n=4	pond	3:11
64	8253	70	n=4	@ 415 s	3:26
64	8003	83	n=4		3:37
64	7753	82	n=5	← ft/2	3:57
64	7503	81			3:57
64	7253	84			4:02
64	7003	84			4:07

L	P_1	C		
64	6753	80		4:14
64	6503	54		4:18
64	6253	80		4:22
64	6003	44	$n=4$	4:26
64	5753	81	$n=3$	4:32
64	5503	83	$n=2$	4:36
64	5253	86	$n=1$	4:40

40
40
80 slutning

82
25
410
164
205
0 meter

L	Pi	C	860301 10		
24	9503	57	Mar 13/86		8:18
24	9253	30			8:22
24	9003	66			8:27
24	8753	52			8:31
24	8503	65			8:37
24	8253	59			8:42
24	8003	65			8:47
24	7753	60			8:52
24	7503	29			8:57
24	7253	31			9:03
24	7003	65			9:08
24	6753	65			9:13
24	6503	57			9:18
24	6253	67			9:22
24	6003	66	n=4		9:26
24	5753	65	n=3		9:30
24	5503	67	n=2		9:36
24	5253	63	n=1		9:41
L	Pi	C	860301 10		
34	1475	43	TL@1504s		10:46
34	1450	65			10:50
34	1425	43			10:59
34	1400	65			11:06
34	1375	62			11:11
34	1350	65			11:16

C	P1	C			
34	1325	65			11:21
34	1300	65			11:25
34	1275	65			11:30
34	1250	65			11:35
34	1225	54			11:39
34	1200	65			11:44
34	1175	60			11:48
34	1150	66			11:52
34	1125	62			11:56
34	1100	65			12:01
34	1075	60			12:06
34	1050	58			12:10
34	1025	62			12:15
34	1000	48			12:19
34	9753	63			12:23
34	9503	63	charge sprout 70¢		12:32
34	9253	64			12:36
34	9003	67			12:40
34	8753	66			12:44
34	8503	63			12:48
34	8253	53			12:52
34	8003	63	63		12:56
34	7753	65			1:03
34	7503	67			1:08
34	7253	66			1:11

L	P_1	C	86030110	
34	7253	67/67		1:15
34	6753	67		1:22
34	6503	65		1:28
34	6253	35		1:32
34	6003	63	n=4	1:36
34	5753	64	n=3	1:40
34	5503	34	n=2	1:44
34	5253	58	n=1	1:49

L	P_1	C	86030110	
44	1500	52	T_L@1512S	2:58
44	1475	38		3:03
44	1450	64		3:07
44	1425	64		3:12
44	1400	66		3:16
44	1375	33/33		3:20
44	1350	65		3:27
44	1325	64		3:31
44	1300	62		3:36
44	1275	63/62/62		3:41
44	1250	47		3:52
44	1225	48		3:57
44	1200	64		4:03
44	1175	44		4:13
44	1150	51		4:17
44	1125	41		4:22

L	P	C		
44	1100	63		4:26
44	1075	64		4:30
44	1050	65		4:35
44	1025	63		4:42
44	1000	63		4:49
44	9753	65	change spd 70E	4:58
44	9503	64		5:03
44	9253	35		5:07
44	9003	65		5:11
44	8753	66		5:16
44	8503	66		5:22
44	8253	66		5:26
44	8003	66		5:30
44	7753	67		5:34
44	7503	68		5:38
44	7253	67		5:42
44	7003	69		5:46
44	6753	65		5:50
44	6503	68		5:53
44	6253	67		5:56
44	6003	66	n=4	6:00
44	5753	66	n=3	6:04
44	5503	67	n=2	6:08
44	5253	72	n=1	6:13

18
39
40
97 stations

2500 cm

L	Pl	C	8603 01/2 Mar 15/86		
74	1500	80			8:40
74	1475	81			8:44
74	1450	81			8:50
74	1425	81			8:55
74	1400	80			8:59
74	1375	81			9:06
74	1350	80			9:11
74	1325	80			9:16
74	1300	81			9:21
74	1275	83			9:25
74	1250	82			9:29
74	1225	52			9:33
74	1200	81			9:37
74	1175	81			9:41
74	1150	83			9:45
74	1125	84			9:49
74	1100	81			9:52
74	1075	81			9:55
74	1050	70			9:59
74	1025	81			10:04
74	1000	81			10:08
74	9753	81	Must spool 70E		10:15
74	9503	81			10:18
74	9253	80			10:22
74	9003	64			10:27

L	R	C			
74	8753	74			10:35
74	8503	81			10:37
74	8253	80			10:42
74	8003	75			10:47
74	7753	83	pick	700	10:53
74	7503	65			10:58
74	7253	48			11:04
74	7003	80			11:09
74	6753	84			11:14
74	6503	84			11:18
74	6253	50			11:23
74	6003	72			11:27
74	5753	81	n=4		11:32
74	5503	79	n=3		11:38
74	5253	82	n=2		11:41
74	5003	81	n=1		11:45
L	P1	C	B6030112		
84	1525	83			1:18
84	1500	81			1:22
84	1475	83			1:28
84	1450	82			1:33
84	1425	83			1:40
84	1400	82			1:44
84	1375	82			1:48
84	1350	75			1:52

L	Pi	C			
84	1325	83	B6030112		1:58
84	1300	82			2:03
84	1275	83			2:07
84	1250	83			2:11
84	1225	83			2:16
84	1200	81			2:20
84	1175	81			2:24
84	1150	81			2:28
84	1125	65			2:33
84	1100	84			2:38
84	1075	85			2:42
84	1050	82			2:46
84	1025	84			2:49
84	1000	83	change system to 70E		2:58
84	9753	82			3:04
84	9503	85			3:07
84	9253	85			3:13
84	9003	85			3:23
84	8753	86			3:27
84	8503	83			3:35
84	8253	92			3:41
84	8003	86			3:46
84	7753	85			3:51
84	7503	86			3:56
84	7253	86			4:01

L	P	C		
84	7003	85		4:06
84	6753	90		4:10
84	6503	87		4:19
84	6253	84		4:28
84	6003	87		4:34
84	5753	87		4:40
84	5503	83	n=4	4:48
84	5253	83	n=3	4:52
84	5003	73	n=2	4:56
84	4753	21	n=1	5:00

41
43
84 stations

86
25
430
172
50 av.
21

L	Pi	C	86030113		
94	1525	85	Mon 16/86		8:48
94	1500	87	TL@1445		8:52
94	1475	84			8:56
94	1450	86			9:00
94	1425	85			9:06
94	1400	85			9:11
94	1375	85			9:15
94	1350	85			9:19
94	1325	86			9:24
94	1300	99			9:29
94	1275	87			9:34
94	1250	85			9:39
94	1225	89			9:44
94	1200	84			9:48
94	1175	86			9:54
94	1150	85			9:58
94	1125	85			10:03
94	1100	86			10:07
94	1075	86			10:11
94	1050	87			10:15
94	1025	87			10:19
94	1000	89			10:24
94	9753	87	change signal TOE		10:39
94	9503	87			10:43
94	9253	87			10:48

L	Pi	C		
94	9003	86		10:58
94	8753	85		11:05
94	8503	85		11:10
94	8253	83		11:15
94	8003	85		11:21
94	7753	85		11:26
94	7503	85		11:32
94	7253	86		11:37
94	7003	84		11:42
94	6753	87		11:46
94	6503	90		11:50
94	6253	90		11:53
94	6003	88		11:57
94	5753	87		12:01
94	5503	86	n=4	12:05
94	5253	85	n=3	12:09
94	5003	86	n=2	12:12
94	4753	84	n=1	12:17

L	Pi	C	86030113	
104	1525	88		1:55
104	1500	87		1:59
104	1475	87		2:04
104	1450	81		2:09
104	1425	85		2:28
104	1400	87		2:33

L	R	C			
104	1375	85			2:37
104	1350	86			2:42
104	1325	88			2:47
104	1300	86			2:51
104	1275	86			2:55
104	1250	85			3:00
104	1225	85			3:05
104	1200	85			3:09
104	1175	85			3:13
104	1150	87			3:18
104	1125	87			3:22
104	1100	87			3:26
104	1075	84			3:32
104	1050	87			3:36
104	1025	87			3:40
104	1000	87	change speed 70E		3:45
104	9753	87			3:52
104	9503	88			3:57
104	9253	87			4:02
104	9003	85			4:08
104	8753	86			4:13
104	8503	86			4:20
104	8253	88			4:25
104	8003	87			4:30
104	7753	88	weekend 4x4 down hole wire		4:35

L	Pi	C		
104	7503	86		5:00
104	7253	87		5:06
104	7003	86		5:10
104	6753	85		5:15
104	6503	87		5:19
104	6253	89		5:24
104	6003	90	(n=4)	5:27
104	5753	85	n=3	5:31
104	5503	87	(n=2)	5:35
104	5253	86	n=1	5:40

43
41
84 station

86
25
430
172
215
2 0 minutes

L	Pt	C	8603014	
114	1475	86	Mar 17/86	9:28
114	1450	88	TLC @ 14825	9:31
114	1425	87	(reel in L104) @ start	9:34
114	1400	86		9:37
114	1375	86		9:42
114	1350	86		9:48
114	1325	86		9:53
114	1300	86		9:58
114	1275	90		10:02
114	1250	87		10:07
114	1225	87		10:12
114	1200	87		10:16
114	1175	89		10:20
114	1150	86		10:24
114	1125	86		10:28
114	1100	87		10:33
114	1075	86		10:37
114	1050	87		10:42
114	1025	87		10:46
114	1000	85		10:50
114	9753	84		10:54
114	9503	85	70E change gain	11:01
114	9253	86		11:06
114	9003	88		11:11
114	8753	86		11:16

C	Pi	C		J
114	8503	85		11:21
114	8253	84		11:26
114	8003	52		11:32
114	7753	84		11:37
114	7503	87		11:42
114	7253	86		11:47
114	7003	86		11:51
114	6753	85		11:56
114	6503	86		12:00
114	6253	85		12:05
114	6003	85	n=4	12:09
114	5753	85	n=3	12:14
114	5503	88	n=2	12:22
114	5253	86	n=1	12:26
124	1500	86	8603014	1:42
124	1475	86		1:46
124	1450	87		1:50
124	1425	89		1:53
124	1400	88		1:57
124	1375	90		2:01
124	1350	89		2:05
124	1325	89		2:09
124	1300	91		2:13
124	1275	87		2:17
124	1250	86		2:21

	P1	C			
124	1225	87			2:26
124	1200	86			2:31
124	1175	86			2:35
124	1150	88			2:40
124	1125	87	70E		2:44
124	1100	86			2:48
124	1075	88			2:52
124	1050	88			2:56
124	1025	86			3:00
124	1000	87			3:04
124	9753	90			3:08
124	9503	88	70E change speed		3:19
124	9253	89			3:23
124	9003	86			3:27
124	8753	85			3:30
124	8503	88			3:34
124	8253	89			3:41
124	8003	89			3:45
124	7753	87			3:50
124	7503	86			3:55
124	7253	86			4:01
124	7003	88			4:06
124	6753	86			4:11
124	6503	88			4:16
124	6253	86			4:21

L	P1	C		
124	6003	88		4:26
124	5753	89		4:32
124	5503	86	n=4	4:38
124	5253	91	n=3	4:43
124	5003	89	n=2	4:47
124	4753	90	n=1	4:52

39
42
81 station

83
25
415
166
2075 metres

L	P_1	C	86030215	
32	7751	85	Mar 18/86	2:49
32	7501	88	1 hr. to find start of line	2:56
32	7251	85	no picket	3:04
32	7001	86	most of 3E	3:20
32	6751	90	→ logged [illegible]	3:28
32	6501	87		3:35
32	6251	85		3:45
32	6001	95		3:54
32	5751	87		4:02
32	5501	94		4:09
32	5251	89		4:18
32	5001	88		4:25
32	4751	86	line is slope corrected	4:32
32	4501	90		4:38
32	4251	84		4:44
32	4001	84		4:51
32	3751	83		4:58
32	3501	89	chge spool 70E	5:06
32	3251	86		5:11
32	3001	88		5:20
32	2751	86		5:28
32	2501	90	n = 4	5:35
32	2251	93	n = 3	5:40
32	2001	84	n = 2	5:47
32	1751	85	n = 1	5:52

line is cut for S of 200N

25 station

26
25
130
52
650 metre

L	P	C	8603021 6		
72	8001	87	TL@820N		9:05
72	7751	86	Mar 19/86		9:12
72	7501	84			9:20
72	7251	87			9:27
72	7001	86			9:35
72	6751	87			9:43
72	6501	87			9:48
72	6251	84			9:55
72	6001	86			10:02
72	5751	85			10:08
72	5501	85			10:13
72	5251	85			10:18
72	5001	86			10:22
72	4751	84			10:26
72	4501	88			10:31
72	4251	86			10:36
72	4001	80			10:40
72	3751	75	75		10:45
72	3501	83			10:57
72	3251	87			10:56
72	3001	85			11:02
72	2751	85			11:10

L	P	C	86030216		
82	8001	87			12:38
82	7751	85	TL@830N		12:47
82	7501	86			12:56
82	7251	81			1:02
82	7001	81			1:09
82	6751	82			1:14
82	6501	82			1:18
82	6251	81			1:24
82	6001	81			1:28
82	5751	80			1:32
82	5501	80			1:37
82	5251	81			1:42
82	5001	80			1:46
82	4751	80			1:50
82	4501	85			1:54
82	4251	81			1:58
82	4001	80			2:03
82	3501	81			2:08
82	3251	80			2:12
82	3001	84	ddh@225		2:17
82	2751	81			2:22
82	2501	81	n=4		2:27
82	2251	81	n=3 change spool		2:33
82	2001	62	n=2		2:37
82	1751	78	n=1		2:41

L	R	C	860302 16	
92	7751	80	Mon 19/86	3:44
92	7501	71	TL@805N	3:51
92	7251	80		3:57
92	7001	81		4:02
92	6751	83		4:07
92	6501	81		4:12
92	6251	81		4:16
92	6001	79		4:20
92	5751	80		4:24
92	5501	79		4:29
92	5251	80		4:33
92	5001	80/80		4:37
92	4751	80		4:44
92	4501	81		4:48
92	4251	81		4:52
92	4001	82		4:56
92	3751	83		5:00
92	3501	83		5:04
92	3251	82		5:08
92	3001	81/81		5:12
		cliff@175N		

22 @ n=5

25

20 @ n=1->5

67 stations

27

26

25

78

25

39 0

156

1950 meters

G	P	C	860302 17 Mm 20/86		
102	7751	78			8:35
102	7501	81			8:40
102	7251	81			8:45
102	7001	80/80/80			8:50
102	6751	81			9:00
102	6501	83			9:05
102	6251	82			9:09
102	6001	83			9:14
102	5751	81			9:18
102	5501	81			9:23
102	5251	83			9:29
102	5001	82			9:34
102	4751	84			9:38
102	4501	82			9:42
102	4251	81			9:45
102	4001	84			9:50
102	3751	83			9:54
102	3501	85			10:01
102	3251	83			10:06
102	3001	85			10:10
102	2751	80			10:15

L	Pt	C			
112	7751	83			11:16
112	7501	77	TL@ 1820N		11:20
112	7251	85			11:24
112	7001	84		11:	28
112	6751	83		11:	33
112	6501	82		11:	37
112	6251	83		11:	42
122	6001	82		11:	46
112	5751	82		11:	51
112	5501	84		11:	56
112	5251	85		12:	00
112	5001	84		12:	04
112	4751	86		12:	08
112	4501	86		12:	12
112	4251	82		12:	16
112	4001	85		12:	21
112	3751	83		12:	25
112	3501	86		12:	29
112	3251	82		12:	34
112	3001	80		12:	42
112	2751	86		12:	47

L	R	C	86030217		
132	7751	84			1:43
122	7501	84	TL@8200N		1:47
122	7251	81			1:52
122	7001	80			1:55
122	6751	81			1:59
122	6501	82			2:03
122	6251	81			2:07
122	6001	83			2:11
122	5751	81			2:14
122	5501	83			2:18
122	5251	80			2:23
122	5001	83			2:27
122	4751	83			2:31
122	4501	84			2:35
122	4251	82			2:40
122	4001	82			2:43
122	3751	84			2:47
122	3501	86			2:51
122	3251	84			2:55
122	3001	84			2:59
122	2751	84			3:03
122	2501	81	n=4		3:07
122	2251	82	n=3 coding good		3:16
122	2001	82	n=2		3:20
122	1751	79	n=1		3:24

21 @ 1→5
21 @ 1→5
25
67 station

78
25
390
156
195 meter
19

L	R	C		
			8603021B	
132	7751	90	Mar 21/86	8:29
132	7501	85	TL@80ON	8:34
132	7251	89	large swivels	8:38
132	7001	89	@ 1250E on	8:42
132	6751	87	TLBN	8:46
132	6501	86		8:51
132	6251	88		8:55
132	6001	86		8:59
132	5751	85		9:03
132	5501	86		9:08
132	5251	96		9:12
132	5001	84		9:17
132	4751	90		9:21
132	4501	85		9:25
132	4251	86		9:30
132	4001	86		9:34
132	3751	86		9:38
132	3501	89/89		9:42
132	3251	86		9:47
132	3001	86		9:51
132	2751	87		9:55

removed
Mar 28/86

L	Pr	C	8603028	
142	7751	89		10:54
142	7501	85	TL@820N	10:58

Rx hung up & crashed

→ wouldn't dump

returned to Scarborough for repair

(moisture blew 2 IC's

L	R	C	86030218	
132	7751	410	Mar 28/86	5:20
132	7501	76		5:30
132	7251	350	TL @ 800N	5:40
132	7001	165		5:44
132	6751	150		5:48
132	6501	250		5:52
132	6251	258		5:55
132	6001	220		6:00
132	5751	198		6:07
132	5501	248		6:11
132	5251	225		6:15
132	5001	210		6:20
132	4751	215		6:24
132	4501	245		6:30
132	4251	225		6:34
132	4001	255		6:38
132	3751	228		6:43
132	3501	240		6:47
132	3251	210		6:52
132	3001	270		6:57
132	2751	200		7:02
		21 stations		
		650 metres		

L	P	C			
142	7751	255	86030219		8:37
142	7501	200	Ma 29/86		8:43
142	7251	178	TL@820N		8:50
142	7001	260			8:53
142	6751	205			8:57
142	6501	205			9:01
142	6251	130			9:05
142	6001	157			9:09
142	5751	107			9:13
142	5501	105			9:18
142	5251	160			9:22
142	5001	108			9:26
142	4751	151			9:30
142	4501	129			9:34
142	4251	86			9:39
142	4001	159			9:44
142	3751	120			9:48
142	3501	255			9:52
142	3251	125			9:55
142	3001	153			9:59
142	2751	224			10:04

L	R	C			
152	7751	248			11:22
152	7501	220	TO SION		11:26
152	7251	165			11:32
152	7001	233			11:36
152	6751	71			11:41
152	6501	109			11:45
152	6251	165			11:48
152	6001	128			11:52
152	5751	138			11:56
152	5501	95			12:00
152	5251	101			12:06
152	5001	125			12:09
152	4751	268			12:13
152	4501	193	blue?		12:17
152	4251	177			12:21
152	4001	78			12:25
152	3751	145			12:29
152	3501	140			12:33
152	3251	80			12:37
152	3001	201			12:41
152	2751	162			12:44

L	P_1	C			
162	7751	157	8603021 9 Mar 29/86		1:20
162	7501	130			1:26
162	7251	118			1:30
162	7001	93			1:34
162	6751	215			1:39
162	6501	~~253~~ 77	168		1:46
162	6251				1:51
162	6001	245			1:56
162	5751	137			2:00
162	5501	122			2:05
162	5251	192			2:09
162	5001	156			2:15
162	4751	127			2:19
162	4501	120			2:25
162	4251	99			2:29
162	4001	236			2:34
162	3751	113			2:38
162	3501	136			2:42
162	3251	139			2:46
162	3001	145			2:50
162	2751	155			2:54
162	2501	259	n=4 change speed	70%	3:01
162	2251	255	n=3		3:06
162	2001	284	n=2		
162	1751	255	n=1		3:13

21 n 1→5

21 n1→5

25 n1→5 + close

67 station

78

25

390

156

1950 nucleus

L	PI	C	86030220	
172	7751	280		8:37
172	7501	92		8:42
172	7251	280	TO BON	8:46
172	7001	134		8:50
172	6751	103		8:55
172	6501	66		9:01
172	6251	127		9:05
172	6001	174		9:09
172	5751	129		9:12
172	5501	151		9:16
172	5251	194		9:20
172	5001	208		9:25
172	4751	304		9:29
172	4501	295		9:34
172	4251	272		9:37
172	4001	245		9:41
172	3751	218		9:45
172	3501	161		9:49
172	3251	282		9:52
172	3001	251		9:56
172	2751	215		10:01

LEVEL (S)

L	Pi	C	8803220	
182	7751	101	TLC 815N	10:44
182	7501	100		10:48
182	7251	115		10:55
182	7001	118		11:00
182	6751	86		11:05
182	6501	150		11:10
182	6251	57		11:15
182	6001	94		11:20
182	5751	100		11:25
182	5501	102		11:30
182	5251	91		11:35
182	5001	195		11:40
182	4751	104		11:44
182	4501	184		11:48
182	4251	306		11:51
182	4001	150		11:55
182	3751	252		11:59
182	3501	280		12:03
182	3251	257	clear out TOE	12:11
182	3001	244		12:15
182	2751	210		12:20

L	P1	C			
192	7751	127	BCGS 0220		1:34
192	7501	89	Mar 30/86		
192	7251	106	TL@830		1:45
192	7001	121			1:50
192	6751	141			1:55
192	6501	105			1:59
192	6251	105			2:04
192	6001	127			2:09
192	5751	278	fin post		2:20
192	5501	259			2:25
192	5251	230			2:31
192	5001	187			2:35
192	4751	310	chain good to E		2:44
192	4501	308			2:48
192	4251	287			2:53
192	4001	136			2:59
192	3751	184			3:04
192	3501	254			3:09
192	3251	137			3:13
192	3001	280			3:18
192	2751	382			3:24

LEVEL (S)

L	R	C			
			860302	20	
202	7751	91			4:08
202	7501	106	TL@825N		4:13
202	7251	113			4:18
202	7001	80			4:22
202	6751	131			4:27
202	6501	164			4:32
202	6251	104			4:38
202	6001	138			4:43
202	5751	85	change speed 40s		4:50
202	5501	145			4:54
202	5251	114			4:58
202	5001	184			5:02
202	4751	170			5:07
202	4501	282			5:11
202	4251	324			5:15
202	4001	398			5:19
202	3751	101			5:24
202	3501	377			5:29
202	3251	277			5:33
202	3001	238			5:38
202	2751	159			5:43
	21				
	21				
	21		4 × 25 × 26		
	21		= 2600 meter		
	84 station				

L	R	C	8603022		
62	7751	286	Mar	31/86	9:55
62	7501	352	real in	arie	9:59
62	7251	279	from	20E	10:04
62	7001	366	T.L @	805N	10:10
62	6751	257			10:17
62	6501	139			10:22
62	6251	318			10:29
62	6001	331			10:37
62	5751	376			10:44
62	5501	191			10:49
62	5251	241			10:54
62	5001	287			11:00
62	4751	342			11:05
62	4501	377			11:10
62	4251	402			11:16
62	4001	312			11:21
62	3751	273			11:27
62	3501	250			11:33
62	3251	232			11:40

L	P_1	C	TLC @ 805N	T
52	7751	380		12:55
52	7501	170		1:00
52	7251	280		1:04
52	7001	133		1:08
52	6751	445		1:12
52	6501	590		1:16
52	6251	365		1:20
52	6001	133		1:24
52	5751	415		1:28
52	5501	390		1:32
52	5251	165		1:36
52	5001	740		1:40
52	4751	430		1:44
52	4501	115		1:49
52	4251	87		1:53
52	4001	113		1:57
52	3751	215		2:02
52	3501	180		2:07
52	3251	235		2:13

L	Pi	C	8603 0221		
42	7751	110	Mar 31/86		2:54
42	7501	125	TL@BTON 805		2:58
42	7251	127			3:03
42	7001	105			3:07
42	6751	425			3:11
42	6501	245			3:18
42	6251	150			3:22
42	6001	127			3:27
42	5751	245			3:33
42	5501	126			3:40
42	5251	124			3:46
42	5001	135			3:55
42	4751	145			4:00
42	4501	135			4:07
42	4251	400			4:15
42	4001	137			4:20
42	3751	155			4:26
42	3501	125			4:31
42	3251	142			4:36

19
4
76

19
3
57 stations

3×23

69
23
345
138
172 minutes

B6030322

L	P1	C			
382	4753	145	Apn1	186	9:06
382	4503	283			9:12
382	4253	170			9:17
382	4003	160			9:23
382	3753	173			9:28
382	3503	223			9:35
382	3253	192			9:40
382	3003	208			9:45
382	2753	200			9:49
382	2503	187			9:52
382	2253	184			9:56
382	2003	205	n=	4	10:00
382	1753	213	n=	3	10:05
382	1503	160	n=	2	10:10
382	1253	170	n=	1	10:15

15 stations

16
25
60
32
400 metres

① South Grid CFC Mt. Sicker 18×1000 = 18000 m

✓500E	500S-1000S		p-d array	
✓400E	500S-1500S		a=25	m
✓300E	✓		n=1→5	
✓200E	✓			
✓100E	✓		day	
✓0	✓		mo.	
✓100W	✓		1986	
✓200W	✓		3142	
✓300W	✓		9422	k'2
✓400W	✓		1883	n=1-5
✓500W	✓		3143	a=25m
✓600W	✓		4713	
✓700W	✓		5	
✓800W	✓		8603	
✓900W	✓		grid #	1,2,3
✓1000W	✓		dump#	1105
✓1100W	✓		ser #	1105
✓1200W	✓			

② North Grid. 18×650m = 11700 m

✓300E	150N.-800N	6282	k'2
✓400E		1883	n=1→4
✓500E		3773	a=50m
✓600E		6283	p-d
✓700E		4	
		4	

(over)

✓800E	150N - 800N			650m
✓900E	✓			
✓1000E	✓			
✓1100E	✓			
✓1200E	✓			
✓1300E	✓			
✓1400E	✓			
✓1500E	✓			
✓1600E	✓			
✓1700E	✓			
✓1800E	✓			
✓1900E	✓			
✓2000E	✓			

(3) East Grid (6050m) Blue

✓4300E	1755 - 1000S	825m	
✓4400E	✓		
✓4500E	✓		
✓4600E	✓		
✓4700E	✓	(cliff @ 400)	
✓4800E	✓		
✓4900E	400S - 1000S	600m	
✓5000E	500S - 1000S	500m	

(4) Repeat Line

4800E	✓100S - 400S	✓	

March 3/86 86030301.

→ wouldn't dump (wrong adapter)
recalled manually
→ panel cabib test

L 50 E (502)

Sta	n	Vp	SP	C	
9753	①	347	-33	300	
	6.9[0]	5.6[1]	4.9[2]	4.4[3]	3.4[4]
	2.4[5]	1.9[6]	1.5[7]	1.1[8]	0.9[9]
	②	178	-3		
	13.9	11.4	10.0	9.1	7.1
	5.2	4.2	3.2	2.5	2.0
	③	113	-21		
	17.2	14.1	12.4	11.4	8.8
	6.6	5.4	4.3	3.3	2.7
	④	61	71		
	27.3	22.8	20.1	18.5	14.5
	11.0	9.0	7.1	5.5	4.5
	⑤	41	1		
	31.3	26.4	23.4	21.5	16.9
	12.9	10.6	8.4	6.7	5.4

repeated reading ✓

502

9503	E =	400 mA		cycle = 6	
	①	540 Vp	-40 SP		
	12.2	10	8.7	7.9	6.1
	4.5	3.5	2.7	2.0	1.6
	②	243	-21		
	13.0	11.0	9.7	9.0	7.1
	5.4	4.4	3.5	2.7	2.2
	③	110	0		
	25.8	20.7	17.9	16.2	12.6
	9.6	7.7	6.1	4.7	3.9
	④	71	67		
	28.3	23.8	21.1	19.3	15.2
	11.6	9.4	7.5	5.8	4.7
	⑤	41	-22		
	33.7	27.6	24.1	21.9	17.3
	13.1	10.7	8.5	6.7	5.4

9253	C= 502	160mA		cycles = 6	
	①	308 VP	-37 SP		
	11.8	9.9	8.9	8.0	6.5
	4.9	3.9	3.1	2.3	1.9
	②	75	-13		
	21.2	17.6	15.7	14.2	11.2
	8.5	7.0	5.6	4.5	3.7
	③	44	-5		
	26.5	21.6	19.2	17.2	13.6
	10.3	8.5	6.8	5.4	4.5
	④	24	44		
	29.3	24.2	21.8	19.6	16.1
	12.5	10.4	8.4	6.9	5.8
	⑤	20.6	3		
	35.3	29.4	26.6	23.9	19.4
	15.0	12.4	10.2	8.2	6.9

9003	C = 310 m	A	cycles = 4	
①	356	-48		
15.2	12.1	10.7	9.7	7.8
5.7	4.6	3.5	2.7	2.1
②	131	18		
21.3	17.3	15.2	13.9	11.1
8.2	6.7	5.2	4.0	3.3
③	65	-36		
25	20.1	17.7	16.1	13.0
10.1	8.3	6.3	4.9	4.1
④	52.2	60		
29.6	24.3	21.4	19.8	15.5
11.2	9.3	7.5	5.9	4.7
⑤	39.3	15		
34.2	28.5	25.1	23.1	18.4
13.9	11.4	9.0	7.1	5.7

8753	502 C = 175mA		cycles =	6
①	251 VP	−36		
13.1	10.3	9.3	8.3	6.6
4.9	4.0	3.1	2.4	1.9
②	79	−31		
18.0	14.7	13.3	11.9	9.5
7	5.7	4.5	3.5	2.8
③	54	−6		
24.1	18.7	16.8	15.0	12.0
9.0	7.3	5.7	4.5	3.6
④	37	78		
28.3	23.3	21.2	19.0	15.1
11.1	9.1	7.2	5.5	4.5
⑤	29	−10		
33.5	27.1	24.8	22.3	17.9
13.3	10.9	8.5	6.6	5.4

502

B503	C=	230m	A	cycles	= 4
	①	282	-60		
	6.8	5.5	4.9	4.3	3.4
	2.7	2.1	1.7	1.4	1.1
	②	128	13		
	22.4	18.5	16.3	14.5	11.3
	8.2	6.6	5.0	3.7	2.9
	③	77	-8		
	22.8	18.0	16.0	14.3	11.2
	8.4	6.8	5.3	4.0	3.2
	④	56	59		
	28.0	23.4	21.2	19.1	15.3
	11.7	9.6	7.8	6.2	5.2
	⑤	34	2		
	31.1	25.5	23.0	20.4	16.1
	12.0	9.8	7.6	5.9	4.8

502

B253	C = 230		cycles = 6		
	①	314	-41		
	10·5	8·4	7·4	6·4	4·7
	3·4	2·7	2·1	1·6	1·3
	②	133	-1		
	16·1	12·7	11·0	9·9	8·9
	7·0	5·7	4·5	3·4	2·7
	③	84	-12		
	23·0	19·0	16·8	15·1	12·1
	9·1	7·4	5·9	4·6	3·8
	④	48	67		
	26·1	21·7	19·2	17·1	13·7
	10·3	8·4	6·9	5·7	4·9
	⑤	28·2	-7		
	29·2	24·4	21·9	19·5	15·8
	12·0	9·7	7·4	5·3	3·8

502

8003	C=	180	cycles =	6	
	①	255	-41		
	10.4	7.9	6.7	6.1	4.6
	3.4	2.7	2.1	1.6	1.3
	②	113	10		
	18.8	15.4	13.6	12.4	9.7
	7.2	5.8	4.5	3.4	2.6
	③	58	-21		
	22.2	18.1	16.0	14.4	11.2
	8.3	6.7	5.1	3.9	3.0
	④	32	60		
	24.8	20.0	17.9	16.2	12.8
	10.0	7.9	5.8	4.4	3.2
	⑤	22.3	-3		
	28.8	23.6	21.2	19.2	15.8
	12.1	10.7	9.3	7.8	6.7

502

7753	C =	170	cycles = 8		
	①	259	-48		
	10.6	8.3	7.2	6.5	5.0
	3.7	3.0	2.3	1.8	1.4
	②	93	-14		
	17.2	14.0	12.3	11.2	8.7
	6.5	5.2	4.1	3.2	2.7
	③	46	-8		
	20.8	16.8	14.7	13.3	10.5
	7.9	6.4	4.9	3.7	3.2
	④	31	27		
	19.0	15.2	13.2	11.9	9.2
	6.8	5.5	4.6	3.9	2.8
	⑤	25	29		
	10.5	8.1	7.0	6.5	5.0
	3.9	2.9	2.3	1.5	1.6

7503	502 C =	365	cycles =		6
	①	464	-58		
	8·3	6·5	5·5	4·8	3·8
	2·8	2·3	1·8	1·4	1·2
	②	173	13		
	20·1	16·3	14·2	12·7	9·8
	7·1	5·6	4·3	3·2	2·5
	③	105	-25		
	15·2	12·3	10·7	9·5	7·5
	5·5	4·5	3·5	2·7	2·2
	④	80	60		
	5·7	4·2	3·4	3·2	2·3
	1·7	1·3	1·2	0·9	0·7
repeated ✓	⑤	157	4		
	33·1	27·4	24·0	21·6	17·1
	12·7	10·3	8·1	6·3	5·1

502

72'53	C =	240	cycles = 6		
	①	287	−36		
	10·1	7·6	6·5	5·6	4·2
	3·0	2·4	1·8	1·4	1·1
	②	131	−19		
	11·1	9·0	7·9	7·0	5·5
	4·1	3·3	2·5	1·9	1·6
	③	87	−5		
	1·7	0·5	0·2	0·0	$\overline{0·2}$
	0·0	0·1	0·0	0·0	0·1
	④	163	87		
	26·9	22·2	19·5	17·4	13·7
	10·0	8·1	6·3	4·8	3·9
	⑤	92	−14		
	54·1	45·2	40·1	36·3	28·8
	21·4	17·3	13·5	10·4	8·3

7003	SO 2 C =	140	cycles = 6		
	①	236	-60		
	4·8	3·5	3·0	2·6	2·0
	1·6	1·5	1·2	1·1	0·9
	②	104	-7		
	5·6	4·0	3·3	2·7	1·8
	0·9	0·4	0·1	$\overline{0}$·2	$\overline{0}$·2
	③	171	-19		
	22·0	17·7	15·5	14	10·9
	8·0	6·3	4·9	3·9	3·1
	④	93	53		
	49·5	41·2	36·5	33·2	26·3
	19·7	16·0	12·7	9·6	7·7
	⑤	67	27		
	57·0	47·8	42·6	38·8	31·0
	23·4	19·1	15·2	11·9	9·7

502

6753	C =	210	cycle =	6	
	①	437	-39		
	0.0	$\overline{0.8}$	$\overline{1.0}$	$\overline{0.8}$	$\overline{0.9}$
	$\overline{0.2}$	0.9	0.4	1.3	1.8
	②	506	-12		
	17.2	13.8	12.0	10.6	8.1
	5.4	3.3	2.8	0.8	0.3
	③	250	-23		
	46.2	38.5	33.9	30.7	24.4
	18.2	14.7	11.5	8.6	7.1
	④	155	95		
	51.9	43.5	39.1	35.6	28.3
	21.4	17.5	13.8	10.5	8.7
	⑤	101	1		
	18.7	14.9	13.2	11.8	9.2
	6.9	5.5	4.3	3.1	2.7

502

6503	C = 250		cycle = 6		
	①	1740	−59		
	14·1	10·9	9·6	8·5	6·5
	4·7	3·8	2·9	2·2	1·8
	②	634	−1		
	46·4	38·7	34·3	31·1	24·5
	18·1	14·5	11·3	8·6	6·8
	③	323	2		
	49·7	41·6	37·0	33·8	27·0
	20·3	16·6	13·1	10·2	8·3
	④	202	68		
	15·0	12·0	10·4	9·4	7·3
	5·4	4·4	3·4	2·6	2·2
	⑤	87	6		
	12·1	9·1	7·8	6·9	5·2
	3·8	3·0	2·3	1·9	1·6

502

6253	C =	320	cycle	= 6	
	①	2998	-67		
	41·7	34·5	30·8	27·8	22·0
	16·3	13·1	10·3	7·9	6·3
	②	977	4		
	46·9	39·1	35·0	31·7	25·4
	19·1	15·5	12·2	9·5	7·7
	③	504	-7		
	12·3	9·6	8·6	7·5	5·9
	4·4	3·5	2·8	2·2	1·8
	④	185	76		
	4·5	3·0	2·8	2·1	1·6
	0·9	0·8	0·6	0·4	0·3
	⑤	221	-9		
	17·7	14·4	13·1	11·7	9·4
	7·1	5·8	4·7	3·7	3·0

502

6003	C =	240	cycles = 6		
n =	①	4199	−90		
	74·9	63·1	56·4	51·3	41·1
	31·0	25·2	19·9	15·5	12·4
	②	1485	4		
	40·4	33·8	30·2	27·4	21·7
	16·2	13·1	10·3	7·9	6·4
	③	390	34		
	27·9	22·4	19·9	17·9	14·2
	10·6	8·6	6·6	5·1	4·1
	④	443	4		
	30·3	25·2	22·5	20·4	16·3
	12·3	10·0	7·9	6·1	5·0
6003	C =	170	cycles = 4		
	①	2953	−64		
	74·8	63·2	56·2	51·4	41·1
	31·0	25·2	19·9	15·4	12·5
	②	1053	9		
	40·4	34·0	30·1	27·5	21·8
	16·3	13·2	10·3	8·0	6·4
	③	290	34		
	26·3	21·3	18·7	17·0	13·4
	10·0	8·1	6·3	4·8	3·9
	④	312	4		
	30·4	25·5	22·7	20·7	16·5
	12·5	10·1	8·0	6·3	5·1

502

5753	C = 1	40	cycles = 4		
	①	2013	−60		
n = 3	46·3	39·2	34·7	31·6	25·1
	18·9	15·2	12·0	9·2	7·5
	②	441	−6		
	33·0	27·6	24·3	22·1	17·4
	12·9	10·4	8·1	6·1	4·9
	③	416	−17		
	37·6	31·7	27·9	25·6	20·3
	15·3	12·4	9·9	7·5	6·1
5503	C =	150	cycles = 4		
n = 2	①	2159	−58		
	21·0	17·2	15·1	13·6	10·7
	7·9	6·3	4·9	3·8	3·0
	②	450	−20		
	35·2	29·5	26·3	23·9	19·0
	14·3	11·6	9·1	7·1	5·8
5253	C =	150	cycles = 4		
n = 1	①	2870	−39		
	22·0	17·6	15·9	14·3	11·2
	8·4	6·8	5·3	4·1	3·3