Annex I

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Summary of detected test trails:

HT20-Mode:

Trial #	PT 1	PT 2	PT 3	PT 4	PT 5	PT 6
1	X	X	X	X	X	X
2	X	X	X	X	X	X
3	X	X	X	X	X	X
4	X	X	X	X	X	X
5	X	X	X	X	X	X
6	X	X	X	X	X	X
7	X	X	X	X	X	X
8	X	X	X	X	X	X
9	X	X	X	X	X	X
10	X	X	X	X	X	X
11	X	X	X	X	X	X
12	X	X	X	X	X	X
13	X	X	X	X	X	X
14	X	X	X	X	X	X
15	X	X	X	X	X	X
16	X	X	X	X	X	X
17	X	X	X	X	X	X
18	X	X	X	X	X	X
19	X	X	X	X	X	X
20	X	X	X	X	X	X
21	X	X	X	X	X	X
22	X	X	X	X	X	X
23	X	X	X	X	X	X
24	X	X	X	X	X	X
25	X	X	X	X	X	X
26	X	X	X	X	X	X
27	X	X	X	X	X	X
28	X	X	X	X	X	X
29	X	X	X	X	X	X
30	X	X	X	X	X	X

Note: x = detected; - = not detected

HT40-Mode:

Trial #	PT 1	PT 2	PT 3	PT 4	PT 5	PT 6
1	X	X	X	X	X	X
2	X	X	X	X	X	X
3	X	X	X	X	X	X
4	X	X	X	X	X	X
5	X	X	X	X	X	X
6	X	X	X	X	X	X
7	X	X	X	X	X	X
8	X	X	X	X	X	X
9	X	X	X	X	X	X
10	X	X	X	X	X	X
11	X	X	X	X	X	X
12	X	X	X	X	X	X
13	X	X	X	X	X	X
14	X	X	X	X	X	X
15	X	X	X	X	X	X
16	X	X	X	X	X	X
17	X	X	X	X	X	X
18	X	X	X	X	X	X
19	X	X	X	X	X	X
20	X	X	X	X	X	X
21	X	X	X	X	X	X
22	X	X	X	X	X	X
23	X	X	X	X	X	X
24	X	X	X	X	X	X
25	X	X	X	X	X	X
26	X	X	X	X	X	X
27	X	X	X	X	X	X
28	X	X	X	X	X	X
29	X	X	X	X	X	X
30	X	X	X	X	X	X

Note: x = detected; - = not detected

VHT80-Mode:

Trial #	PT 1	PT 2	PT 3	PT 4	PT 5	PT 6
1	X	X	X	X	X	X
2	X	X	X	X	X	X
3	X	X	X	X	X	X
4	X	X	X	X	X	X
5	X	X	X	X	X	X
6	X	X	X	X	X	X
7	X	X	X	-	X	X
8	X	X	X	X	X	X
9	X	X	X	X	X	X
10	X	X	X	X	X	X
11	X	X	X	X	X	X
12	X	X	X	X	X	X
13	X	X	X	X	X	X
14	X	X	X	X	X	X
15	X	X	X	X	X	X
16	X	X	X	X	X	X
17	X	X	X	X	X	X
18	X	X	X	X	X	X
19	X	X	X	X	X	X
20	X	X	X	X	X	X
21	X	X	X	X	X	X
22	X	X	X	X	X	X
23	X	X	X	X	X	X
24	X	X	X	X	X	X
25	X	X	X	X	X	X
26	X	X	X	X	X	X
27	X	X	X	X	X	X
28	X	X	X	X	X	X
29	X	X	X	X	X	X
30	X	X	X	X	X	X

Note: x = detected; - = not detected

AC160-Mode:

Trial #	PT 1	PT 2	PT 3	PT 4	PT 5	PT 6
1	X	X	X	X	X	X
2	X	X	X	X	X	X
3	X	X	X	X	X	X
4	X	X	X	X	X	X
5	X	X	-	X	X	X
6	X	X	X	X	X	X
7	X	X	X	X	X	X
8	X	X	X	X	X	X
9	X	X	X	X	X	X
10	X	X	X	X	X	X
11	X	X	X	-	X	X
12	X	X	-	X	X	X
13	X	X	X	X	X	X
14	X	X	X	X	X	X
15	X	X	X	X	X	X
16	X	X	X	X	X	X
17	X	X	X	X	X	X
18	X	X	X	X	X	X
19	X	X	X	X	X	X
20	X	X	X	X	X	X
21	X	X	X	X	X	X
22	X	X	X	X	X	X
23	X	X	X	X	X	X
24	X	X	X	X	X	X
25	X	X	X	X	X	X
26	X	X	X	X	X	X
27	X	X	X	X	X	X
28	X	X	X	X	X	X
29	X	X	X	X	X	X
30	X	X	X	X	X	X

Note: x = detected; - = not detected

Detailed pulse parameters:

Radar Type 1 – HT20-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	57	1	938
2	61	1	878
3	70	1	758
4	58	1	918
5	81	1	658
6	61	1	878
7	74	1	718
8	67	1	798
9	61	1	878
10	99	1	538
11	86	1	618
12	89	1	598
13	62	1	858
14	63	1	838
15	62	1	858
16	63	1	838
17	63	1	838
18	74	1	718
19	61	1	878
20	59	1	898
21	65	1	818
22	65	1	818
23	95	1	558
24	59	1	898
25	95	1	558
26	58	1	918
27	63	1	838
28	57	1	938
29	70	1	758
30	86	1	618

Radar Type 1 – HT40-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	57	1	938
2	61	1	878
3	70	1	758
4	58	1	918
5	81	1	658
6	61	1	878
7	74	1	718
8	67	1	798
9	61	1	878
10	99	1	538
11	86	1	618
12	89	1	598
13	62	1	858
14	63	1	838
15	62	1	858
16	63	1	838
17	63	1	838
18	74	1	718
19	61	1	878
20	59	1	898
21	65	1	818
22	65	1	818
23	95	1	558
24	59	1	898
25	95	1	558
26	58	1	918
27	63	1	838
28	57	1	938
29	70	1	758
30	86	1	618

Radar Type 1 – VHT80-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	57	1	938
2	61	1	878
3	70	1	758
4	58	1	918
5	81	1	658
6	61	1	878
7	74	1	718
8	67	1	798
9	61	1	878
10	99	1	538
11	86	1	618
12	89	1	598
13	62	1	858
14	63	1	838
15	62	1	858
16	63	1	838
17	63	1	838
18	74	1	718
19	61	1	878
20	59	1	898
21	65	1	818
22	65	1	818
23	95	1	558
24	59	1	898
25	95	1	558
26	58	1	918
27	63	1	838
28	57	1	938
29	70	1	758
30	86	1	618

Radar Type 1 – AC160-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	57	1	938
2	61	1	878
3	70	1	758
4	58	1	918
5	81	1	658
6	61	1	878
7	74	1	718
8	67	1	798
9	61	1	878
10	99	1	538
11	86	1	618
12	89	1	598
13	62	1	858
14	63	1	838
15	62	1	858
16	63	1	838
17	63	1	838
18	74	1	718
19	61	1	878
20	59	1	898
21	65	1	818
22	65	1	818
23	95	1	558
24	59	1	898
25	95	1	558
26	58	1	918
27	63	1	838
28	57	1	938
29	70	1	758
30	86	1	618

Radar Type 2 – HT20-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	25	4.1	208
2	27	1.7	155
3	24	3.2	154
4	28	2.6	204
5	29	4	165
6	27	2.9	218
7	24	2.6	221
8	29	5	185
9	27	1.2	176
10	26	3	190
11	26	1	160
12	29	4.4	214
13	24	4	177
14	29	2.2	167
15	24	4.9	158
16	29	2.9	188
17	28	1.2	178
18	29	2.5	191
19	26	4	192
20	29	2.6	180
21	24	4.8	216
22	26	1	191
23	24	2.4	155
24	26	3.2	213
25	23	2.2	175
26	27	3.5	162
27	27	2.1	158
28	26	2.9	174
29	26	2.1	191
30	26	2.1	156

Radar Type 2 – HT40-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	25	4.1	208
2	27	1.7	155
3	24	3.2	154
4	28	2.6	204
5	29	4	165
6	27	2.9	218
7	24	2.6	221
8	29	5	185
9	27	1.2	176
10	26	3	190
11	26	1	160
12	29	4.4	214
13	24	4	177
14	29	2.2	167
15	24	4.9	158
16	29	2.9	188
17	28	1.2	178
18	29	2.5	191
19	26	4	192
20	29	2.6	180
21	24	4.8	216
22	26	1	191
23	24	2.4	155
24	26	3.2	213
25	23	2.2	175
26	27	3.5	162
27	27	2.1	158
28	26	2.9	174
29	26	2.1	191
30	26	2.1	156

Radar Type 2 – VHT80-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	25	4.1	208
2	27	1.7	155
3	24	3.2	154
4	28	2.6	204
5	29	4	165
6	27	2.9	218
7	24	2.6	221
8	29	5	185
9	27	1.2	176
10	26	3	190
11	26	1	160
12	29	4.4	214
13	24	4	177
14	29	2.2	167
15	24	4.9	158
16	29	2.9	188
17	28	1.2	178
18	29	2.5	191
19	26	4	192
20	29	2.6	180
21	24	4.8	216
22	26	1	191
23	24	2.4	155
24	26	3.2	213
25	23	2.2	175
26	27	3.5	162
27	27	2.1	158
28	26	2.9	174
29	26	2.1	191
30	26	2.1	156

Radar Type 2 – AC160-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	25	4.1	208
2	27	1.7	155
3	24	3.2	154
4	28	2.6	204
5	29	4	165
6	27	2.9	218
7	24	2.6	221
8	29	5	185
9	27	1.2	176
10	26	3	190
11	26	1	160
12	29	4.4	214
13	24	4	177
14	29	2.2	167
15	24	4.9	158
16	29	2.9	188
17	28	1.2	178
18	29	2.5	191
19	26	4	192
20	29	2.6	180
21	24	4.8	216
22	26	1	191
23	24	2.4	155
24	26	3.2	213
25	23	2.2	175
26	27	3.5	162
27	27	2.1	158
28	26	2.9	174
29	26	2.1	191
30	26	2.1	156

Radar Type 3 – HT20-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	17	9.8	253
2	18	7.6	457
3	18	7.5	200
4	18	9.9	465
5	17	9	424
6	18	6.4	200
7	16	8.1	491
8	16	9.5	274
9	18	8.7	427
10	17	6.3	407
11	17	8	350
12	17	6.1	496
13	18	8.7	215
14	18	8.8	289
15	17	7.4	248
16	17	9.1	423
17	16	6.9	266
18	17	7.1	465
19	18	6.2	218
20	17	7.6	257
21	17	9.9	496
22	18	9.2	237
23	17	9.4	418
24	18	8.2	217
25	16	8.9	431
26	17	9.6	364
27	17	6	400
28	17	7.9	438
29	17	7.4	489
30	16	6.8	373

Radar Type 3 – HT40-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	17	9.8	253
2	18	7.6	457
3	18	7.5	200
4	18	9.9	465
5	17	9	424
6	18	6.4	200
7	16	8.1	491
8	16	9.5	274
9	18	8.7	427
10	17	6.3	407
11	17	8	350
12	17	6.1	496
13	18	8.7	215
14	18	8.8	289
15	17	7.4	248
16	17	9.1	423
17	16	6.9	266
18	17	7.1	465
19	18	6.2	218
20	17	7.6	257
21	17	9.9	496
22	18	9.2	237
23	17	9.4	418
24	18	8.2	217
25	16	8.9	431
26	17	9.6	364
27	17	6	400
28	17	7.9	438
29	17	7.4	489
30	16	6.8	373

Radar Type 3 – VHT80-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	17	9.8	253
2	18	7.6	457
3	18	7.5	200
4	18	9.9	465
5	17	9	424
6	18	6.4	200
7	16	8.1	491
8	16	9.5	274
9	18	8.7	427
10	17	6.3	407
11	17	8	350
12	17	6.1	496
13	18	8.7	215
14	18	8.8	289
15	17	7.4	248
16	17	9.1	423
17	16	6.9	266
18	17	7.1	465
19	18	6.2	218
20	17	7.6	257
21	17	9.9	496
22	18	9.2	237
23	17	9.4	418
24	18	8.2	217
25	16	8.9	431
26	17	9.6	364
27	17	6	400
28	17	7.9	438
29	17	7.4	489
30	16	6.8	373

Radar Type 3 – AC160-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (μsec)	PRI (μs)
1	17	9.8	253
2	18	7.6	457
3	18	7.5	200
4	18	9.9	465
5	17	9	424
6	18	6.4	200
7	16	8.1	491
8	16	9.5	274
9	18	8.7	427
10	17	6.3	407
11	17	8	350
12	17	6.1	496
13	18	8.7	215
14	18	8.8	289
15	17	7.4	248
16	17	9.1	423
17	16	6.9	266
18	17	7.1	465
19	18	6.2	218
20	17	7.6	257
21	17	9.9	496
22	18	9.2	237
23	17	9.4	418
24	18	8.2	217
25	16	8.9	431
26	17	9.6	364
27	17	6	400
28	17	7.9	438
29	17	7.4	489
30	16	6.8	373

Radar Type 4 – HT20-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	13	16.7	304
2	12	14.7	243
3	12	15.2	421
4	14	14.8	481
5	15	14.8	461
6	12	17.7	285
7	14	13.9	337
8	16	11.7	286
9	16	13.2	213
10	15	12.4	344
11	14	18.5	236
12	14	16.8	223
13	12	13	317
14	13	12.9	333
15	13	11.7	400
16	13	19.5	493
17	15	16.4	472
18	15	12	283
19	14	13.8	465
20	15	19.2	228
21	14	17.6	492
22	13	13.1	433
23	13	14	443
24	15	13.7	213
25	12	15.5	312
26	15	12.4	252
27	15	18	262
28	15	17	211
29	15	14.6	431
30	16	12.8	491

Radar Type 4 – HT40-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	13	16.7	304
2	12	14.7	243
3	12	15.2	421
4	14	14.8	481
5	15	14.8	461
6	12	17.7	285
7	14	13.9	337
8	16	11.7	286
9	16	13.2	213
10	15	12.4	344
11	14	18.5	236
12	14	16.8	223
13	12	13	317
14	13	12.9	333
15	13	11.7	400
16	13	19.5	493
17	15	16.4	472
18	15	12	283
19	14	13.8	465
20	15	19.2	228
21	14	17.6	492
22	13	13.1	433
23	13	14	443
24	15	13.7	213
25	12	15.5	312
26	15	12.4	252
27	15	18	262
28	15	17	211
29	15	14.6	431
30	16	12.8	491

Radar Type 4 – VHT80-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	13	16.7	304
2	12	14.7	243
3	12	15.2	421
4	14	14.8	481
5	15	14.8	461
6	12	17.7	285
7	14	13.9	337
8	16	11.7	286
9	16	13.2	213
10	15	12.4	344
11	14	18.5	236
12	14	16.8	223
13	12	13	317
14	13	12.9	333
15	13	11.7	400
16	13	19.5	493
17	15	16.4	472
18	15	12	283
19	14	13.8	465
20	15	19.2	228
21	14	17.6	492
22	13	13.1	433
23	13	14	443
24	15	13.7	213
25	12	15.5	312
26	15	12.4	252
27	15	18	262
28	15	17	211
29	15	14.6	431
30	16	12.8	491

Radar Type 4 – AC160-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)
1	13	16.7	304
2	12	14.7	243
3	12	15.2	421
4	14	14.8	481
5	15	14.8	461
6	12	17.7	285
7	14	13.9	337
8	16	11.7	286
9	16	13.2	213
10	15	12.4	344
11	14	18.5	236
12	14	16.8	223
13	12	13	317
14	13	12.9	333
15	13	11.7	400
16	13	19.5	493
17	15	16.4	472
18	15	12	283
19	14	13.8	465
20	15	19.2	228
21	14	17.6	492
22	13	13.1	433
23	13	14	443
24	15	13.7	213
25	12	15.5	312
26	15	12.4	252
27	15	18	262
28	15	17	211
29	15	14.6	431
30	16	12.8	491

Radar Type 5 – HT20-Mode:

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Start Location Within Interval (msec)	Comments
Trail 1							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	
Trail 2							
1	10	54.1	7	1578		705.164	
2	10	85.2	8	1910		193.41	
3	10	93.8	17			1183.64	
4	10	91.3	20	1652	1658	449.33	
5	10	66.4	9	1497	1249	1037.74	
6	10	73.2	7	1427		459.34	
7	10	87	20	1553		37	
8	10	55.4	16	1007		310.89	
9	10	93.9	16	1189		1102.5	
10	10	73.3	14	962		477.6	
Trail 3							
1	15	61.5	17	1350		91.991	
2	15	93.2	20	1162		209.49	
3	15	90.4	8	1160		12.91	
4	15	61.9	13	1812	1195	470.91	
5	15	89.2	15			332.05	
6	15	96.7	13	1066		24.93	
7	15	90.5	9	938	1361	363.01	
8	15	96.8	6	1566		368.37	
9	15	91.9	18			710.36	
10	15	88.7	8			395.9	
11	15	87.3	7	1166		464.55	
12	15	79.3	14	1175		669.73	
13	15	89.2	16			752.9	
14	15	62.7	10	1687		579.6	
15	15	88.3	7	956		504.1	
Trail 4							
1	16	54.3	18	1308		185.203	
2	16	56	6	1251		154.011	
3	16	94.6	9	1820		49.45	
4	16	89.7	9	972		281.5	
5	16	81.2	6	1678		472.55	
6	16	55	8			72.84	
7	16	77.3	20	1619		154.52	
8	16	68.6	8	1813		414.12	

9	16	95	20	1130		446.5	
10	16	73.2	19			300.23	
11	16	67.4	5	1122		126.35	
12	16	62.5	20	1249	1129	685.58	
13	16	77	6	1309		445.82	
14	16	98.6	11			396.6	
15	16	61.7	20	1542		302.8	
16	16	75.3	8			585.7	
Trail 5							
1	11	70.4	11	1314	1072	476.251	
2	11	71.9	6	1499	1324	373.841	
3	11	81.1	18	1215		945.072	
4	11	57.6	16	975	1445	964.203	
5	11	91.3	11	1823		323.704	
6	11	96.2	6	1305		487.545	
7	11	61.8	19			699.035	
8	11	68.6	7	1788		54.416	
9	11	58	6	1468		497.087	
10	11	90	6	1472	1509	146.978	
11	11	91.9	16	1408	957	335.409	
Trail 6							
1	16	96.9	8	1581	1761	122.012	
2	16	84.5	13	1759	1168	371.83	
3	16	50.7	19	1787	1754	183.21	
4	16	95.1	13	1450	1271	391.79	
5	16	53.6	7	1600	1831	675.72	
6	16	68.6	10			132.95	
7	16	80.9	13	1542		42.62	
8	16	70.5	16	1489	1890	7.82	
9	16	71.7	5	1123		577.32	
10	16	78.4	9	1396		682.53	
11	16	53.1	13			458.08	
12	16	77.8	10	1338		499.12	
13	16	58.4	5	1324		115.53	
14	16	69	17			446.7	
15	16	65.4	20	1858		429.3	
16	16	58.5	9	1138	1465	257	
Trail 7							
1	12	91	7	1550	1342	792.774	
2	12	57	19	1197		706.96	
3	12	84.2	16	1634		34.77	
4	12	54.6	20	1318		801.75	
5	12	59	10	1105		658.1	
6	12	89.6	5			983.39	
7	12	73.7	13	1327		379.81	
8	12	77.4	20	1392	1292	511.98	
9	12	50.4	9	1128		684.6	
10	12	78.4	5	1755		782.45	
11	12	94.3	20	1177	959	212.5	
12	12	59.7	12	1089		330.7	
Trail 8							
1	11	58.6	7	1817	1551	239.649	
2	11	65.7	15	1429	1387	795.151	
3	11	97.8	18	1709		923.042	
4	11	92.1	10	1063		110.143	
5	11	59.1	11	1859		774.114	
6	11	50.2	6	1014	1889	544.855	

7	11	88.2	12	1308		792.965	
8	11	66.8	17			515.536	
9	11	84.1	11	1857		359.407	
10	11	95.4	19	1018	1900	619.618	
11	11	76.1	12	1203		792.809	
Trail 9							
1	17	63.5	17	1041		493.768	
2	17	97.7	17	1485		17.733	
3	17	58.4	5			138.255	
4	17	62.4	15	1905		458.703	
5	17	59.2	17			69.961	
6	17	67.1	15	1803	1488	123.078	
7	17	52.5	12	1686		619.626	
8	17	80.7	17	1485	1512	285.304	
9	17	66.8	15	1317		66.701	
10	17	53.2	12			555.199	
11	17	68	10	1118		279.546	
12	17	70	16	1416		283.774	
13	17	87.7	12			426.532	
14	17	93.9	10			164.509	
15	17	51.6	14	1926		39.427	
16	17	57.3	12	1575		106.965	
17	17	72.5	13	1858		291.682	
Trail 10							
1	10	91.4	19			486.527	
2	10	72.6	12	1696	1185	639.09	
3	10	61.6	14	1342		567.58	
4	10	78.5	6			407.6	
5	10	68.1	9			945.9	
6	10	100	15	1416		1190.75	
7	10	62.4	5	1626		281.43	
8	10	68.6	19	1911		1099.99	
9	10	83.8	19	1813		1052.1	
10	10	87.4	6			567.4	
Trail 11							
1	8	71.5	17			503.513	
2	8	54.7	6			1295.79	
3	8	79.1	18			1337.79	
4	8	78.8	16			1051.1	
5	8	79	13	998		528.66	
6	8	76.4	9	951		961.85	
7	8	96	8			1262.5	
8	8	94.1	5			1436.6	
Trail 12							
1	12	57.4	10			381.889	
2	12	66.9	18	1591	1884	829.16	
3	12	88.2	9			446.53	
4	12	78.7	10	1084		224.27	
5	12	98.7	7			595.14	
6	12	86	14	991		119.63	
7	12	74.6	7	1479		486.62	
8	12	86.4	13	1640	1378	783.69	
9	12	58.5	20	1619	1691	266.32	
10	12	88.6	18	1813		498.98	
11	12	91.8	20	1580		809.4	
12	12	90.6	12	1642		417.7	
Trail 13							

1	16	77.6	12	1080	1698	664.705	
2	16	61.8	13	1638		609.45	
3	16	78.2	8	1002		105.79	
4	16	59.1	14			296.87	
5	16	97.3	11	1218	1711	529.16	
6	16	58.9	8	1165		600.97	
7	16	82.5	5	1780	1294	515.73	
8	16	89.1	17	1744	1609	353.53	
9	16	81.3	9			535.94	
10	16	61	11	1160		711.67	
11	16	85.5	5	1841	1308	498.42	
12	16	50.9	19	1689		239.75	
13	16	58.9	15			426.15	
14	16	96.2	8	1534	1026	568	
15	16	70.8	19	1502	1471	517.9	
16	16	89.1	10			658.2	
Trail 14							
1	14	52.9	8	1680		721.775	
2	14	90.2	19	1556	1412	473.427	
3	14	58	5			454.974	
4	14	90.5	13	1411		492.921	
5	14	93	13			800.269	
6	14	76.9	19	1768		153.556	
7	14	53	17	1619		41.793	
8	14	63.1	15			52.91	
9	14	95.9	12	1585		274.657	
10	14	93.1	18	909		128.614	
11	14	81.6	7	1102	1461	505.981	
12	14	95.3	5	1879	1823	801.029	
13	14	69.5	5	1615		266.586	
14	14	78.2	20	1627		838.643	
Trail 15							
1	19	55.7	20			111.633	
2	19	64.6	11			256.786	
3	19	99.8	18	1318		406.492	
4	19	60	18	1218		424.093	
5	19	68	13	1342		400.164	
6	19	100	8	1222	946	229.075	
7	19	51	19	1189		169.546	
8	19	86.4	9	1191		616.877	
9	19	72.6	20	1805		517.738	
10	19	58.7	16			551.929	
11	19	89.4	11	1214		153.151	
12	19	52.5	12	1805		460.212	
13	19	86.6	11	1444	1783	525.023	
14	19	67.5	18	1679		66.154	
15	19	76.3	18	1493		11.135	
16	19	64	20	1526		214.696	
17	19	89	15	932		525.037	
18	19	56.1	20			537.258	
19	19	77.1	13	1093		355.279	
Trail 16							
1	19	56.3	7			613.197	
2	19	83.3	14	1827		518.811	
3	19	77.1	15	1822	1827	435.162	
4	19	53.2	10	1586	1272	54.583	
5	19	85	9			430.164	

6	19	82.4	7	1630		130.375	
7	19	65.5	9	1915		551.826	
8	19	64.4	10	1097		205.187	
9	19	72.7	18	1557		254.518	
10	19	50.9	5	1898	950	539.529	
11	19	68	18	1219	1163	606.711	
12	19	57.5	17			326.592	
13	19	61.3	15	1369		319.053	
14	19	91.3	11	1848		335.994	
15	19	52.8	5	1626	1339	15.315	
16	19	80.2	7	1500	1545	335.586	
17	19	50.7	5	1603		194.937	
18	19	82.3	9			624.658	
19	19	58.5	10	1009		589.379	
Trail 17							
1	9	78.9	10	1904		518.044	
2	9	68.4	10	1878		205.677	
3	9	70.8	18	1214		263.773	
4	9	80	10	1209	1038	1312.14	
5	9	71.9	6			469.517	
6	9	52.3	20	1120	1666	155.613	
7	9	76.5	13	1522		327.48	
8	9	71.3	5			925.967	
9	9	88.5	19	1423	1032	132.833	
Trail 18							
1	11	94.2	20	1082		465.255	
2	11	81.7	17	1721		95.731	
3	11	73	5	1167		407.112	
4	11	89.1	19	1554	1010	660.553	
5	11	78.4	16	1039	1235	561.694	
6	11	79	8			867.225	
7	11	72.9	10	1088		698.295	
8	11	90.1	7	1639		597.616	
9	11	62	11	1860	1316	524.567	
10	11	53.7	11	1142	1832	861.718	
11	11	63.1	19	1512		1024.709	
Trail 19							
1	11	79.9	5			309.709	
2	11	96.6	15			91.611	
3	11	54.4	12			206.082	
4	11	72	12	1715	1180	350.153	
5	11	90.5	15	1216	1396	271.114	
6	11	93	5	1005		874.245	
7	11	89.5	17	1452		871.465	
8	11	77.1	16	1411		934.076	
9	11	98	7	1152	1509	920.407	
10	11	99.4	20			790.118	
11	11	83.3	19	980		343.609	
Trail 20							
1	17	94.1	19	1476		616.815	
2	17	74.9	17			581.908	
3	17	78.3	6			22.915	
4	17	62.1	6	1051		412.713	
5	17	58.7	20			559.341	
6	17	97.6	17			522.168	
7	17	50.8	16	1445		544.576	
8	17	91.1	14	1360		293.844	

9	17	62.5	8	1844		163.851	
10	17	99	8	1124		699.169	
11	17	83.4	5	1411	1415	248.896	
12	17	94.9	10	1657	950	64.524	
13	17	83.1	20			380.152	
14	17	66.7	13	1436		658.929	
15	17	76.7	12	1902		180.247	
16	17	56.1	13	1004	1817	433.665	
17	17	92.3	20	1168	914	439.682	
Trail 21							
1	15	92.5	12			310.947	
2	15	65.2	8			18.76	
3	15	66	5			649.03	
4	15	98.1	9			559.74	
5	15	86.7	18	983		475.37	
6	15	62.2	16			312.47	
7	15	78.3	11			74.52	
8	15	69.6	20	1625		416.91	
9	15	53.8	16	1177		726.96	
10	15	67.8	8	1214	1547	44.55	
11	15	93.8	14			46.69	
12	15	64.8	16			241.33	
13	15	61.9	7	1877		707.8	
14	15	63.5	9	1406		299.9	
15	15	91.6	12	1064		212.8	
Trail 22							
1	12	53.6	5	1017		788.383	
2	12	94.7	9	1450	1008	542.63	
3	12	51.3	20	1656		187.76	
4	12	60.5	9	1481		854.36	
5	12	97.4	8			796.21	
6	12	94.5	20	1226	906	220.29	
7	12	98.5	8			76.22	
8	12	99.1	8	1547		383.6	
9	12	60.3	20			969.68	
10	12	91.1	16	1421		147.2	
11	12	82.9	8			742.7	
12	12	61.5	7	1080		753.3	
Trail 23							
1	10	94	7	1564		491.917	
2	10	78.6	8	999	1451	34.74	
3	10	94.8	15	1386		106.67	
4	10	93.9	7	1540		337.93	
5	10	59.3	8	1505	1068	147.01	
6	10	63.5	13	978		87.2	
7	10	54	9	1493	1605	223.14	
8	10	61.7	17			1078.37	
9	10	55.5	6			1124.7	
10	10	71	12	1418		639.4	
Trail 24							
1	14	54.3	6			99.921	
2	14	81.1	6	1389	1417	499.447	
3	14	77.2	7	1392		510.034	
4	14	88.8	11	1468		15.051	
5	14	51.9	16			363.509	
6	14	88.6	18	960		603.406	
7	14	52.7	10	1737	1470	496.103	

8	14	76.4	13	1761	1048	835.31	
9	14	54.5	9	1919		358.787	
10	14	85.9	10			810.784	
11	14	54	16	1235		198.041	
12	14	75	5	1036	1796	450.029	
13	14	74.2	6	1286		715.386	
14	14	55.8	16	1941		583.043	
Trail 25							
1	14	79	16	1344	1886	832.658	
2	14	98.5	5	1092	957	268.187	
3	14	58.2	9			131.164	
4	14	59.4	15	1371	1366	270.551	
5	14	59.1	17	1672		815.769	
6	14	53.9	12	1717	1381	669.516	
7	14	73.5	19			623.383	
8	14	87.5	19	1654	1378	849.34	
9	14	80.1	6			314.467	
10	14	93.1	15			454.724	
11	14	62	20			140.361	
12	14	99.5	9	1681		413.879	
13	14	53.3	12	1111	1744	44.086	
14	14	77.4	10			16.143	
Trail 26							
1	20	79.8	11			4.204	
2	20	71.3	14			333.464	
3	20	58.4	17	1280		284.14	
4	20	63.5	6	1562		353.5	
5	20	93.4	8	1644		254.44	
6	20	50.4	20	1252		161.71	
7	20	50.2	15	1401		338.46	
8	20	55.7	16	1770		565.62	
9	20	78.4	14	1544		588.36	
10	20	89.4	15	1420	1500	449.95	
11	20	81.2	5	1233		512.94	
12	20	95.6	13	1581		286.09	
13	20	97.9	13	1201		21.39	
14	20	77.9	8	1770		266.11	
15	20	67.4	14	1558		290.92	
16	20	67.8	17	1531		453.41	
17	20	67.4	15			276.17	
18	20	68.6	20	1002		432.6	
19	20	71.2	10	1468		246.2	
20	20	67.4	18	1496		325	
Trail 27							
1	18	59.6	12	1748		220.204	
2	18	73.7	18			116.315	
3	18	60.4	5	1093	1073	234.127	
4	18	71.4	13	1814	1362	177.39	
5	18	51.5	5	1526	1151	527.913	
6	18	92.4	6			293.437	
7	18	56.2	7	1444	1905	489.55	
8	18	62.3	19	1012		592.203	
9	18	60.8	16	1524		318.947	
10	18	55.4	5	1209		99.52	
11	18	55.6	20	1627		295.813	
12	18	71.7	11			469.237	
13	18	90.8	7	1096		297.12	

14	18	58.6	6	1594		483.673	
15	18	77.5	13	1606		220.327	
16	18	77.3	10	1598		11.6	
17	18	50	16	958		290.033	
18	18	83.1	7			115.967	
Trail 28							
1	9	73.5	18	1815		243.007	
2	9	91.4	20	1602		456.817	
3	9	95.6	17	997		206.263	
4	9	56.2	19	1874		1115.94	
5	9	94	11	1540		883.527	
6	9	60	6			4.243	
7	9	69.4	19	1343	1506	843.23	
8	9	76.3	19	1132	1271	955.467	
9	9	58.3	20			434.033	
Trail 29							
1	9	58.6	11	1012		355.776	
2	9	62.7	12	1817		821.927	
3	9	55.7	11	977		568.873	
4	9	89	8	1805	985	1054.3	
5	9	59	11	1493		185.627	
6	9	50.1	19			687.743	
7	9	85.4	14	1450		1026.48	
8	9	58.6	13	1916		66.377	
9	9	63.1	17			926.933	
Trail 30							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	

Radar Type 5 – HT40-Mode:

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Start Location Within Interval (msec)	Comments
Trail 1						
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	
Trail 2						
1	10	54.1	7	1578		705.164	
2	10	85.2	8	1910		193.41	
3	10	93.8	17			1183.64	
4	10	91.3	20	1652	1658	449.33	
5	10	66.4	9	1497	1249	1037.74	
6	10	73.2	7	1427		459.34	
7	10	87	20	1553		37	
8	10	55.4	16	1007		310.89	
9	10	93.9	16	1189		1102.5	
10	10	73.3	14	962		477.6	
Trail 3						
1	15	61.5	17	1350		91.991	
2	15	93.2	20	1162		209.49	
3	15	90.4	8	1160		12.91	
4	15	61.9	13	1812	1195	470.91	
5	15	89.2	15			332.05	
6	15	96.7	13	1066		24.93	
7	15	90.5	9	938	1361	363.01	
8	15	96.8	6	1566		368.37	
9	15	91.9	18			710.36	
10	15	88.7	8			395.9	
11	15	87.3	7	1166		464.55	
12	15	79.3	14	1175		669.73	
13	15	89.2	16			752.9	
14	15	62.7	10	1687		579.6	
15	15	88.3	7	956		504.1	
Trail 4						
1	16	54.3	18	1308		185.203	
2	16	56	6	1251		154.011	
3	16	94.6	9	1820		49.45	
4	16	89.7	9	972		281.5	
5	16	81.2	6	1678		472.55	
6	16	55	8			72.84	
7	16	77.3	20	1619		154.52	
8	16	68.6	8	1813		414.12	
9	16	95	20	1130		446.5	

10	16	73.2	19			300.23	
11	16	67.4	5	1122		126.35	
12	16	62.5	20	1249	1129	685.58	
13	16	77	6	1309		445.82	
14	16	98.6	11			396.6	
15	16	61.7	20	1542		302.8	
16	16	75.3	8			585.7	
Trail 5							
1	11	70.4	11	1314	1072	476.251	
2	11	71.9	6	1499	1324	373.841	
3	11	81.1	18	1215		945.072	
4	11	57.6	16	975	1445	964.203	
5	11	91.3	11	1823		323.704	
6	11	96.2	6	1305		487.545	
7	11	61.8	19			699.035	
8	11	68.6	7	1788		54.416	
9	11	58	6	1468		497.087	
10	11	90	6	1472	1509	146.978	
11	11	91.9	16	1408	957	335.409	
Trail 6							
1	16	96.9	8	1581	1761	122.012	
2	16	84.5	13	1759	1168	371.83	
3	16	50.7	19	1787	1754	183.21	
4	16	95.1	13	1450	1271	391.79	
5	16	53.6	7	1600	1831	675.72	
6	16	68.6	10			132.95	
7	16	80.9	13	1542		42.62	
8	16	70.5	16	1489	1890	7.82	
9	16	71.7	5	1123		577.32	
10	16	78.4	9	1396		682.53	
11	16	53.1	13			458.08	
12	16	77.8	10	1338		499.12	
13	16	58.4	5	1324		115.53	
14	16	69	17			446.7	
15	16	65.4	20	1858		429.3	
16	16	58.5	9	1138	1465	257	
Trail 7							
1	12	91	7	1550	1342	792.774	
2	12	57	19	1197		706.96	
3	12	84.2	16	1634		34.77	
4	12	54.6	20	1318		801.75	
5	12	59	10	1105		658.1	
6	12	89.6	5			983.39	
7	12	73.7	13	1327		379.81	
8	12	77.4	20	1392	1292	511.98	
9	12	50.4	9	1128		684.6	
10	12	78.4	5	1755		782.45	
11	12	94.3	20	1177	959	212.5	
12	12	59.7	12	1089		330.7	
Trail 8							
1	11	58.6	7	1817	1551	239.649	
2	11	65.7	15	1429	1387	795.151	
3	11	97.8	18	1709		923.042	
4	11	92.1	10	1063		110.143	
5	11	59.1	11	1859		774.114	
6	11	50.2	6	1014	1889	544.855	
7	11	88.2	12	1308		792.965	

8	11	66.8	17			515.536	
9	11	84.1	11	1857		359.407	
10	11	95.4	19	1018	1900	619.618	
11	11	76.1	12	1203		792.809	
Trail 9							
1	17	63.5	17	1041		493.768	
2	17	97.7	17	1485		17.733	
3	17	58.4	5			138.255	
4	17	62.4	15	1905		458.703	
5	17	59.2	17			69.961	
6	17	67.1	15	1803	1488	123.078	
7	17	52.5	12	1686		619.626	
8	17	80.7	17	1485	1512	285.304	
9	17	66.8	15	1317		66.701	
10	17	53.2	12			555.199	
11	17	68	10	1118		279.546	
12	17	70	16	1416		283.774	
13	17	87.7	12			426.532	
14	17	93.9	10			164.509	
15	17	51.6	14	1926		39.427	
16	17	57.3	12	1575		106.965	
17	17	72.5	13	1858		291.682	
Trail 10							
1	10	91.4	19			486.527	
2	10	72.6	12	1696	1185	639.09	
3	10	61.6	14	1342		567.58	
4	10	78.5	6			407.6	
5	10	68.1	9			945.9	
6	10	100	15	1416		1190.75	
7	10	62.4	5	1626		281.43	
8	10	68.6	19	1911		1099.99	
9	10	83.8	19	1813		1052.1	
10	10	87.4	6			567.4	
Trail 11							
1	8	71.5	17			503.513	
2	8	54.7	6			1295.79	
3	8	79.1	18			1337.79	
4	8	78.8	16			1051.1	
5	8	79	13	998		528.66	
6	8	76.4	9	951		961.85	
7	8	96	8			1262.5	
8	8	94.1	5			1436.6	
Trail 12							
1	12	57.4	10			381.889	
2	12	66.9	18	1591	1884	829.16	
3	12	88.2	9			446.53	
4	12	78.7	10	1084		224.27	
5	12	98.7	7			595.14	
6	12	86	14	991		119.63	
7	12	74.6	7	1479		486.62	
8	12	86.4	13	1640	1378	783.69	
9	12	58.5	20	1619	1691	266.32	
10	12	88.6	18	1813		498.98	
11	12	91.8	20	1580		809.4	
12	12	90.6	12	1642		417.7	
Trail 13							
1	16	77.6	12	1080	1698	664.705	

2	16	61.8	13	1638		609.45	
3	16	78.2	8	1002		105.79	
4	16	59.1	14			296.87	
5	16	97.3	11	1218	1711	529.16	
6	16	58.9	8	1165		600.97	
7	16	82.5	5	1780	1294	515.73	
8	16	89.1	17	1744	1609	353.53	
9	16	81.3	9			535.94	
10	16	61	11	1160		711.67	
11	16	85.5	5	1841	1308	498.42	
12	16	50.9	19	1689		239.75	
13	16	58.9	15			426.15	
14	16	96.2	8	1534	1026	568	
15	16	70.8	19	1502	1471	517.9	
16	16	89.1	10			658.2	
Trail 14							
1	14	52.9	8	1680		721.775	
2	14	90.2	19	1556	1412	473.427	
3	14	58	5			454.974	
4	14	90.5	13	1411		492.921	
5	14	93	13			800.269	
6	14	76.9	19	1768		153.556	
7	14	53	17	1619		41.793	
8	14	63.1	15			52.91	
9	14	95.9	12	1585		274.657	
10	14	93.1	18	909		128.614	
11	14	81.6	7	1102	1461	505.981	
12	14	95.3	5	1879	1823	801.029	
13	14	69.5	5	1615		266.586	
14	14	78.2	20	1627		838.643	
Trail 15							
1	19	55.7	20			111.633	
2	19	64.6	11			256.786	
3	19	99.8	18	1318		406.492	
4	19	60	18	1218		424.093	
5	19	68	13	1342		400.164	
6	19	100	8	1222	946	229.075	
7	19	51	19	1189		169.546	
8	19	86.4	9	1191		616.877	
9	19	72.6	20	1805		517.738	
10	19	58.7	16			551.929	
11	19	89.4	11	1214		153.151	
12	19	52.5	12	1805		460.212	
13	19	86.6	11	1444	1783	525.023	
14	19	67.5	18	1679		66.154	
15	19	76.3	18	1493		11.135	
16	19	64	20	1526		214.696	
17	19	89	15	932		525.037	
18	19	56.1	20			537.258	
19	19	77.1	13	1093		355.279	
Trail 16							
1	19	56.3	7			613.197	
2	19	83.3	14	1827		518.811	
3	19	77.1	15	1822	1827	435.162	
4	19	53.2	10	1586	1272	54.583	
5	19	85	9			430.164	
6	19	82.4	7	1630		130.375	

7	19	65.5	9	1915		551.826	
8	19	64.4	10	1097		205.187	
9	19	72.7	18	1557		254.518	
10	19	50.9	5	1898	950	539.529	
11	19	68	18	1219	1163	606.711	
12	19	57.5	17			326.592	
13	19	61.3	15	1369		319.053	
14	19	91.3	11	1848		335.994	
15	19	52.8	5	1626	1339	15.315	
16	19	80.2	7	1500	1545	335.586	
17	19	50.7	5	1603		194.937	
18	19	82.3	9			624.658	
19	19	58.5	10	1009		589.379	
Trail 17							
1	9	78.9	10	1904		518.044	
2	9	68.4	10	1878		205.677	
3	9	70.8	18	1214		263.773	
4	9	80	10	1209	1038	1312.14	
5	9	71.9	6			469.517	
6	9	52.3	20	1120	1666	155.613	
7	9	76.5	13	1522		327.48	
8	9	71.3	5			925.967	
9	9	88.5	19	1423	1032	132.833	
Trail 18							
1	11	94.2	20	1082		465.255	
2	11	81.7	17	1721		95.731	
3	11	73	5	1167		407.112	
4	11	89.1	19	1554	1010	660.553	
5	11	78.4	16	1039	1235	561.694	
6	11	79	8			867.225	
7	11	72.9	10	1088		698.295	
8	11	90.1	7	1639		597.616	
9	11	62	11	1860	1316	524.567	
10	11	53.7	11	1142	1832	861.718	
11	11	63.1	19	1512		1024.709	
Trail 19							
1	11	79.9	5			309.709	
2	11	96.6	15			91.611	
3	11	54.4	12			206.082	
4	11	72	12	1715	1180	350.153	
5	11	90.5	15	1216	1396	271.114	
6	11	93	5	1005		874.245	
7	11	89.5	17	1452		871.465	
8	11	77.1	16	1411		934.076	
9	11	98	7	1152	1509	920.407	
10	11	99.4	20			790.118	
11	11	83.3	19	980		343.609	
Trail 20							
1	17	94.1	19	1476		616.815	
2	17	74.9	17			581.908	
3	17	78.3	6			22.915	
4	17	62.1	6	1051		412.713	
5	17	58.7	20			559.341	
6	17	97.6	17			522.168	
7	17	50.8	16	1445		544.576	
8	17	91.1	14	1360		293.844	
9	17	62.5	8	1844		163.851	

10	17	99	8	1124		699.169	
11	17	83.4	5	1411	1415	248.896	
12	17	94.9	10	1657	950	64.524	
13	17	83.1	20			380.152	
14	17	66.7	13	1436		658.929	
15	17	76.7	12	1902		180.247	
16	17	56.1	13	1004	1817	433.665	
17	17	92.3	20	1168	914	439.682	
Trail 21							
1	15	92.5	12			310.947	
2	15	65.2	8			18.76	
3	15	66	5			649.03	
4	15	98.1	9			559.74	
5	15	86.7	18	983		475.37	
6	15	62.2	16			312.47	
7	15	78.3	11			74.52	
8	15	69.6	20	1625		416.91	
9	15	53.8	16	1177		726.96	
10	15	67.8	8	1214	1547	44.55	
11	15	93.8	14			46.69	
12	15	64.8	16			241.33	
13	15	61.9	7	1877		707.8	
14	15	63.5	9	1406		299.9	
15	15	91.6	12	1064		212.8	
Trail 22							
1	12	53.6	5	1017		788.383	
2	12	94.7	9	1450	1008	542.63	
3	12	51.3	20	1656		187.76	
4	12	60.5	9	1481		854.36	
5	12	97.4	8			796.21	
6	12	94.5	20	1226	906	220.29	
7	12	98.5	8			76.22	
8	12	99.1	8	1547		383.6	
9	12	60.3	20			969.68	
10	12	91.1	16	1421		147.2	
11	12	82.9	8			742.7	
12	12	61.5	7	1080		753.3	
Trail 23							
1	10	94	7	1564		491.917	
2	10	78.6	8	999	1451	34.74	
3	10	94.8	15	1386		106.67	
4	10	93.9	7	1540		337.93	
5	10	59.3	8	1505	1068	147.01	
6	10	63.5	13	978		87.2	
7	10	54	9	1493	1605	223.14	
8	10	61.7	17			1078.37	
9	10	55.5	6			1124.7	
10	10	71	12	1418		639.4	
Trail 24							
1	14	54.3	6			99.921	
2	14	81.1	6	1389	1417	499.447	
3	14	77.2	7	1392		510.034	
4	14	88.8	11	1468		15.051	
5	14	51.9	16			363.509	
6	14	88.6	18	960		603.406	
7	14	52.7	10	1737	1470	496.103	
8	14	76.4	13	1761	1048	835.31	

9	14	54.5	9	1919		358.787	
10	14	85.9	10			810.784	
11	14	54	16	1235		198.041	
12	14	75	5	1036	1796	450.029	
13	14	74.2	6	1286		715.386	
14	14	55.8	16	1941		583.043	
Trail 25							
1	14	79	16	1344	1886	832.658	
2	14	98.5	5	1092	957	268.187	
3	14	58.2	9			131.164	
4	14	59.4	15	1371	1366	270.551	
5	14	59.1	17	1672		815.769	
6	14	53.9	12	1717	1381	669.516	
7	14	73.5	19			623.383	
8	14	87.5	19	1654	1378	849.34	
9	14	80.1	6			314.467	
10	14	93.1	15			454.724	
11	14	62	20			140.361	
12	14	99.5	9	1681		413.879	
13	14	53.3	12	1111	1744	44.086	
14	14	77.4	10			16.143	
Trail 26							
1	20	79.8	11			4.204	
2	20	71.3	14			333.464	
3	20	58.4	17	1280		284.14	
4	20	63.5	6	1562		353.5	
5	20	93.4	8	1644		254.44	
6	20	50.4	20	1252		161.71	
7	20	50.2	15	1401		338.46	
8	20	55.7	16	1770		565.62	
9	20	78.4	14	1544		588.36	
10	20	89.4	15	1420	1500	449.95	
11	20	81.2	5	1233		512.94	
12	20	95.6	13	1581		286.09	
13	20	97.9	13	1201		21.39	
14	20	77.9	8	1770		266.11	
15	20	67.4	14	1558		290.92	
16	20	67.8	17	1531		453.41	
17	20	67.4	15			276.17	
18	20	68.6	20	1002		432.6	
19	20	71.2	10	1468		246.2	
20	20	67.4	18	1496		325	
Trail 27							
1	18	59.6	12	1748		220.204	
2	18	73.7	18			116.315	
3	18	60.4	5	1093	1073	234.127	
4	18	71.4	13	1814	1362	177.39	
5	18	51.5	5	1526	1151	527.913	
6	18	92.4	6			293.437	
7	18	56.2	7	1444	1905	489.55	
8	18	62.3	19	1012		592.203	
9	18	60.8	16	1524		318.947	
10	18	55.4	5	1209		99.52	
11	18	55.6	20	1627		295.813	
12	18	71.7	11			469.237	
13	18	90.8	7	1096		297.12	
14	18	58.6	6	1594		483.673	

15	18	77.5	13	1606		220.327	
16	18	77.3	10	1598		11.6	
17	18	50	16	958		290.033	
18	18	83.1	7			115.967	
Trail 28							
1	9	73.5	18	1815		243.007	
2	9	91.4	20	1602		456.817	
3	9	95.6	17	997		206.263	
4	9	56.2	19	1874		1115.94	
5	9	94	11	1540		883.527	
6	9	60	6			4.243	
7	9	69.4	19	1343	1506	843.23	
8	9	76.3	19	1132	1271	955.467	
9	9	58.3	20			434.033	
Trail 29							
1	9	58.6	11	1012		355.776	
2	9	62.7	12	1817		821.927	
3	9	55.7	11	977		568.873	
4	9	89	8	1805	985	1054.3	
5	9	59	11	1493		185.627	
6	9	50.1	19			687.743	
7	9	85.4	14	1450		1026.48	
8	9	58.6	13	1916		66.377	
9	9	63.1	17			926.933	
Trail 30							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	

Radar Type 5 – VHT80-Mode:

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Start Location Within Interval (msec)	Comments
Trail 1							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	
Trail 2							
1	10	54.1	7	1578		705.164	
2	10	85.2	8	1910		193.41	
3	10	93.8	17			1183.64	
4	10	91.3	20	1652	1658	449.33	
5	10	66.4	9	1497	1249	1037.74	
6	10	73.2	7	1427		459.34	
7	10	87	20	1553		37	
8	10	55.4	16	1007		310.89	
9	10	93.9	16	1189		1102.5	
10	10	73.3	14	962		477.6	
Trail 3							
1	15	61.5	17	1350		91.991	
2	15	93.2	20	1162		209.49	
3	15	90.4	8	1160		12.91	
4	15	61.9	13	1812	1195	470.91	
5	15	89.2	15			332.05	
6	15	96.7	13	1066		24.93	
7	15	90.5	9	938	1361	363.01	
8	15	96.8	6	1566		368.37	
9	15	91.9	18			710.36	
10	15	88.7	8			395.9	
11	15	87.3	7	1166		464.55	
12	15	79.3	14	1175		669.73	
13	15	89.2	16			752.9	
14	15	62.7	10	1687		579.6	
15	15	88.3	7	956		504.1	
Trail 4							
1	16	54.3	18	1308		185.203	
2	16	56	6	1251		154.011	
3	16	94.6	9	1820		49.45	
4	16	89.7	9	972		281.5	
5	16	81.2	6	1678		472.55	
6	16	55	8			72.84	
7	16	77.3	20	1619		154.52	
8	16	68.6	8	1813		414.12	

9	16	95	20	1130		446.5	
10	16	73.2	19			300.23	
11	16	67.4	5	1122		126.35	
12	16	62.5	20	1249	1129	685.58	
13	16	77	6	1309		445.82	
14	16	98.6	11			396.6	
15	16	61.7	20	1542		302.8	
16	16	75.3	8			585.7	
Trail 5							
1	11	70.4	11	1314	1072	476.251	
2	11	71.9	6	1499	1324	373.841	
3	11	81.1	18	1215		945.072	
4	11	57.6	16	975	1445	964.203	
5	11	91.3	11	1823		323.704	
6	11	96.2	6	1305		487.545	
7	11	61.8	19			699.035	
8	11	68.6	7	1788		54.416	
9	11	58	6	1468		497.087	
10	11	90	6	1472	1509	146.978	
11	11	91.9	16	1408	957	335.409	
Trail 6							
1	16	96.9	8	1581	1761	122.012	
2	16	84.5	13	1759	1168	371.83	
3	16	50.7	19	1787	1754	183.21	
4	16	95.1	13	1450	1271	391.79	
5	16	53.6	7	1600	1831	675.72	
6	16	68.6	10			132.95	
7	16	80.9	13	1542		42.62	
8	16	70.5	16	1489	1890	7.82	
9	16	71.7	5	1123		577.32	
10	16	78.4	9	1396		682.53	
11	16	53.1	13			458.08	
12	16	77.8	10	1338		499.12	
13	16	58.4	5	1324		115.53	
14	16	69	17			446.7	
15	16	65.4	20	1858		429.3	
16	16	58.5	9	1138	1465	257	
Trail 7							
1	12	91	7	1550	1342	792.774	
2	12	57	19	1197		706.96	
3	12	84.2	16	1634		34.77	
4	12	54.6	20	1318		801.75	
5	12	59	10	1105		658.1	
6	12	89.6	5			983.39	
7	12	73.7	13	1327		379.81	
8	12	77.4	20	1392	1292	511.98	
9	12	50.4	9	1128		684.6	
10	12	78.4	5	1755		782.45	
11	12	94.3	20	1177	959	212.5	
12	12	59.7	12	1089		330.7	
Trail 8							
1	11	58.6	7	1817	1551	239.649	
2	11	65.7	15	1429	1387	795.151	
3	11	97.8	18	1709		923.042	
4	11	92.1	10	1063		110.143	
5	11	59.1	11	1859		774.114	
6	11	50.2	6	1014	1889	544.855	

7	11	88.2	12	1308		792.965	
8	11	66.8	17			515.536	
9	11	84.1	11	1857		359.407	
10	11	95.4	19	1018	1900	619.618	
11	11	76.1	12	1203		792.809	
Trail 9							
1	17	63.5	17	1041		493.768	
2	17	97.7	17	1485		17.733	
3	17	58.4	5			138.255	
4	17	62.4	15	1905		458.703	
5	17	59.2	17			69.961	
6	17	67.1	15	1803	1488	123.078	
7	17	52.5	12	1686		619.626	
8	17	80.7	17	1485	1512	285.304	
9	17	66.8	15	1317		66.701	
10	17	53.2	12			555.199	
11	17	68	10	1118		279.546	
12	17	70	16	1416		283.774	
13	17	87.7	12			426.532	
14	17	93.9	10			164.509	
15	17	51.6	14	1926		39.427	
16	17	57.3	12	1575		106.965	
17	17	72.5	13	1858		291.682	
Trail 10							
1	10	91.4	19			486.527	
2	10	72.6	12	1696	1185	639.09	
3	10	61.6	14	1342		567.58	
4	10	78.5	6			407.6	
5	10	68.1	9			945.9	
6	10	100	15	1416		1190.75	
7	10	62.4	5	1626		281.43	
8	10	68.6	19	1911		1099.99	
9	10	83.8	19	1813		1052.1	
10	10	87.4	6			567.4	
Trail 11							
1	8	71.5	17			503.513	
2	8	54.7	6			1295.79	
3	8	79.1	18			1337.79	
4	8	78.8	16			1051.1	
5	8	79	13	998		528.66	
6	8	76.4	9	951		961.85	
7	8	96	8			1262.5	
8	8	94.1	5			1436.6	
Trail 12							
1	12	57.4	10			381.889	
2	12	66.9	18	1591	1884	829.16	
3	12	88.2	9			446.53	
4	12	78.7	10	1084		224.27	
5	12	98.7	7			595.14	
6	12	86	14	991		119.63	
7	12	74.6	7	1479		486.62	
8	12	86.4	13	1640	1378	783.69	
9	12	58.5	20	1619	1691	266.32	
10	12	88.6	18	1813		498.98	
11	12	91.8	20	1580		809.4	
12	12	90.6	12	1642		417.7	
Trail 13							

1	16	77.6	12	1080	1698	664.705	
2	16	61.8	13	1638		609.45	
3	16	78.2	8	1002		105.79	
4	16	59.1	14			296.87	
5	16	97.3	11	1218	1711	529.16	
6	16	58.9	8	1165		600.97	
7	16	82.5	5	1780	1294	515.73	
8	16	89.1	17	1744	1609	353.53	
9	16	81.3	9			535.94	
10	16	61	11	1160		711.67	
11	16	85.5	5	1841	1308	498.42	
12	16	50.9	19	1689		239.75	
13	16	58.9	15			426.15	
14	16	96.2	8	1534	1026	568	
15	16	70.8	19	1502	1471	517.9	
16	16	89.1	10			658.2	
Trail 14							
1	14	52.9	8	1680		721.775	
2	14	90.2	19	1556	1412	473.427	
3	14	58	5			454.974	
4	14	90.5	13	1411		492.921	
5	14	93	13			800.269	
6	14	76.9	19	1768		153.556	
7	14	53	17	1619		41.793	
8	14	63.1	15			52.91	
9	14	95.9	12	1585		274.657	
10	14	93.1	18	909		128.614	
11	14	81.6	7	1102	1461	505.981	
12	14	95.3	5	1879	1823	801.029	
13	14	69.5	5	1615		266.586	
14	14	78.2	20	1627		838.643	
Trail 15							
1	19	55.7	20			111.633	
2	19	64.6	11			256.786	
3	19	99.8	18	1318		406.492	
4	19	60	18	1218		424.093	
5	19	68	13	1342		400.164	
6	19	100	8	1222	946	229.075	
7	19	51	19	1189		169.546	
8	19	86.4	9	1191		616.877	
9	19	72.6	20	1805		517.738	
10	19	58.7	16			551.929	
11	19	89.4	11	1214		153.151	
12	19	52.5	12	1805		460.212	
13	19	86.6	11	1444	1783	525.023	
14	19	67.5	18	1679		66.154	
15	19	76.3	18	1493		11.135	
16	19	64	20	1526		214.696	
17	19	89	15	932		525.037	
18	19	56.1	20			537.258	
19	19	77.1	13	1093		355.279	
Trail 16							
1	19	56.3	7			613.197	
2	19	83.3	14	1827		518.811	
3	19	77.1	15	1822	1827	435.162	
4	19	53.2	10	1586	1272	54.583	
5	19	85	9			430.164	

6	19	82.4	7	1630		130.375	
7	19	65.5	9	1915		551.826	
8	19	64.4	10	1097		205.187	
9	19	72.7	18	1557		254.518	
10	19	50.9	5	1898	950	539.529	
11	19	68	18	1219	1163	606.711	
12	19	57.5	17			326.592	
13	19	61.3	15	1369		319.053	
14	19	91.3	11	1848		335.994	
15	19	52.8	5	1626	1339	15.315	
16	19	80.2	7	1500	1545	335.586	
17	19	50.7	5	1603		194.937	
18	19	82.3	9			624.658	
19	19	58.5	10	1009		589.379	
Trail 17							
1	9	78.9	10	1904		518.044	
2	9	68.4	10	1878		205.677	
3	9	70.8	18	1214		263.773	
4	9	80	10	1209	1038	1312.14	
5	9	71.9	6			469.517	
6	9	52.3	20	1120	1666	155.613	
7	9	76.5	13	1522		327.48	
8	9	71.3	5			925.967	
9	9	88.5	19	1423	1032	132.833	
Trail 18							
1	11	94.2	20	1082		465.255	
2	11	81.7	17	1721		95.731	
3	11	73	5	1167		407.112	
4	11	89.1	19	1554	1010	660.553	
5	11	78.4	16	1039	1235	561.694	
6	11	79	8			867.225	
7	11	72.9	10	1088		698.295	
8	11	90.1	7	1639		597.616	
9	11	62	11	1860	1316	524.567	
10	11	53.7	11	1142	1832	861.718	
11	11	63.1	19	1512		1024.709	
Trail 19							
1	11	79.9	5			309.709	
2	11	96.6	15			91.611	
3	11	54.4	12			206.082	
4	11	72	12	1715	1180	350.153	
5	11	90.5	15	1216	1396	271.114	
6	11	93	5	1005		874.245	
7	11	89.5	17	1452		871.465	
8	11	77.1	16	1411		934.076	
9	11	98	7	1152	1509	920.407	
10	11	99.4	20			790.118	
11	11	83.3	19	980		343.609	
Trail 20							
1	17	94.1	19	1476		616.815	
2	17	74.9	17			581.908	
3	17	78.3	6			22.915	
4	17	62.1	6	1051		412.713	
5	17	58.7	20			559.341	
6	17	97.6	17			522.168	
7	17	50.8	16	1445		544.576	
8	17	91.1	14	1360		293.844	

9	17	62.5	8	1844		163.851	
10	17	99	8	1124		699.169	
11	17	83.4	5	1411	1415	248.896	
12	17	94.9	10	1657	950	64.524	
13	17	83.1	20			380.152	
14	17	66.7	13	1436		658.929	
15	17	76.7	12	1902		180.247	
16	17	56.1	13	1004	1817	433.665	
17	17	92.3	20	1168	914	439.682	
Trail 21							
1	15	92.5	12			310.947	
2	15	65.2	8			18.76	
3	15	66	5			649.03	
4	15	98.1	9			559.74	
5	15	86.7	18	983		475.37	
6	15	62.2	16			312.47	
7	15	78.3	11			74.52	
8	15	69.6	20	1625		416.91	
9	15	53.8	16	1177		726.96	
10	15	67.8	8	1214	1547	44.55	
11	15	93.8	14			46.69	
12	15	64.8	16			241.33	
13	15	61.9	7	1877		707.8	
14	15	63.5	9	1406		299.9	
15	15	91.6	12	1064		212.8	
Trail 22							
1	12	53.6	5	1017		788.383	
2	12	94.7	9	1450	1008	542.63	
3	12	51.3	20	1656		187.76	
4	12	60.5	9	1481		854.36	
5	12	97.4	8			796.21	
6	12	94.5	20	1226	906	220.29	
7	12	98.5	8			76.22	
8	12	99.1	8	1547		383.6	
9	12	60.3	20			969.68	
10	12	91.1	16	1421		147.2	
11	12	82.9	8			742.7	
12	12	61.5	7	1080		753.3	
Trail 23							
1	10	94	7	1564		491.917	
2	10	78.6	8	999	1451	34.74	
3	10	94.8	15	1386		106.67	
4	10	93.9	7	1540		337.93	
5	10	59.3	8	1505	1068	147.01	
6	10	63.5	13	978		87.2	
7	10	54	9	1493	1605	223.14	
8	10	61.7	17			1078.37	
9	10	55.5	6			1124.7	
10	10	71	12	1418		639.4	
Trail 24							
1	14	54.3	6			99.921	
2	14	81.1	6	1389	1417	499.447	
3	14	77.2	7	1392		510.034	
4	14	88.8	11	1468		15.051	
5	14	51.9	16			363.509	
6	14	88.6	18	960		603.406	
7	14	52.7	10	1737	1470	496.103	

8	14	76.4	13	1761	1048	835.31	
9	14	54.5	9	1919		358.787	
10	14	85.9	10			810.784	
11	14	54	16	1235		198.041	
12	14	75	5	1036	1796	450.029	
13	14	74.2	6	1286		715.386	
14	14	55.8	16	1941		583.043	
Trail 25							
1	14	79	16	1344	1886	832.658	
2	14	98.5	5	1092	957	268.187	
3	14	58.2	9			131.164	
4	14	59.4	15	1371	1366	270.551	
5	14	59.1	17	1672		815.769	
6	14	53.9	12	1717	1381	669.516	
7	14	73.5	19			623.383	
8	14	87.5	19	1654	1378	849.34	
9	14	80.1	6			314.467	
10	14	93.1	15			454.724	
11	14	62	20			140.361	
12	14	99.5	9	1681		413.879	
13	14	53.3	12	1111	1744	44.086	
14	14	77.4	10			16.143	
Trail 26							
1	20	79.8	11			4.204	
2	20	71.3	14			333.464	
3	20	58.4	17	1280		284.14	
4	20	63.5	6	1562		353.5	
5	20	93.4	8	1644		254.44	
6	20	50.4	20	1252		161.71	
7	20	50.2	15	1401		338.46	
8	20	55.7	16	1770		565.62	
9	20	78.4	14	1544		588.36	
10	20	89.4	15	1420	1500	449.95	
11	20	81.2	5	1233		512.94	
12	20	95.6	13	1581		286.09	
13	20	97.9	13	1201		21.39	
14	20	77.9	8	1770		266.11	
15	20	67.4	14	1558		290.92	
16	20	67.8	17	1531		453.41	
17	20	67.4	15			276.17	
18	20	68.6	20	1002		432.6	
19	20	71.2	10	1468		246.2	
20	20	67.4	18	1496		325	
Trail 27							
1	18	59.6	12	1748		220.204	
2	18	73.7	18			116.315	
3	18	60.4	5	1093	1073	234.127	
4	18	71.4	13	1814	1362	177.39	
5	18	51.5	5	1526	1151	527.913	
6	18	92.4	6			293.437	
7	18	56.2	7	1444	1905	489.55	
8	18	62.3	19	1012		592.203	
9	18	60.8	16	1524		318.947	
10	18	55.4	5	1209		99.52	
11	18	55.6	20	1627		295.813	
12	18	71.7	11			469.237	
13	18	90.8	7	1096		297.12	

14	18	58.6	6	1594		483.673	
15	18	77.5	13	1606		220.327	
16	18	77.3	10	1598		11.6	
17	18	50	16	958		290.033	
18	18	83.1	7			115.967	
Trail 28							
1	9	73.5	18	1815		243.007	
2	9	91.4	20	1602		456.817	
3	9	95.6	17	997		206.263	
4	9	56.2	19	1874		1115.94	
5	9	94	11	1540		883.527	
6	9	60	6			4.243	
7	9	69.4	19	1343	1506	843.23	
8	9	76.3	19	1132	1271	955.467	
9	9	58.3	20			434.033	
Trail 29							
1	9	58.6	11	1012		355.776	
2	9	62.7	12	1817		821.927	
3	9	55.7	11	977		568.873	
4	9	89	8	1805	985	1054.3	
5	9	59	11	1493		185.627	
6	9	50.1	19			687.743	
7	9	85.4	14	1450		1026.48	
8	9	58.6	13	1916		66.377	
9	9	63.1	17			926.933	
Trail 30							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	

Radar Type 5 – AC160-Mode:

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Start Location Within Interval (msec)	Comments
Trail 1							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	
Trail 2							
1	10	54.1	7	1578		705.164	
2	10	85.2	8	1910		193.41	
3	10	93.8	17			1183.64	
4	10	91.3	20	1652	1658	449.33	
5	10	66.4	9	1497	1249	1037.74	
6	10	73.2	7	1427		459.34	
7	10	87	20	1553		37	
8	10	55.4	16	1007		310.89	
9	10	93.9	16	1189		1102.5	
10	10	73.3	14	962		477.6	
Trail 3							
1	15	61.5	17	1350		91.991	
2	15	93.2	20	1162		209.49	
3	15	90.4	8	1160		12.91	
4	15	61.9	13	1812	1195	470.91	
5	15	89.2	15			332.05	
6	15	96.7	13	1066		24.93	
7	15	90.5	9	938	1361	363.01	
8	15	96.8	6	1566		368.37	
9	15	91.9	18			710.36	
10	15	88.7	8			395.9	
11	15	87.3	7	1166		464.55	
12	15	79.3	14	1175		669.73	
13	15	89.2	16			752.9	
14	15	62.7	10	1687		579.6	
15	15	88.3	7	956		504.1	
Trail 4							
1	16	54.3	18	1308		185.203	
2	16	56	6	1251		154.011	
3	16	94.6	9	1820		49.45	
4	16	89.7	9	972		281.5	
5	16	81.2	6	1678		472.55	
6	16	55	8			72.84	
7	16	77.3	20	1619		154.52	

8	16	68.6	8	1813		414.12	
9	16	95	20	1130		446.5	
10	16	73.2	19			300.23	
11	16	67.4	5	1122		126.35	
12	16	62.5	20	1249	1129	685.58	
13	16	77	6	1309		445.82	
14	16	98.6	11			396.6	
15	16	61.7	20	1542		302.8	
16	16	75.3	8			585.7	
Trail 5							
1	11	70.4	11	1314	1072	476.251	
2	11	71.9	6	1499	1324	373.841	
3	11	81.1	18	1215		945.072	
4	11	57.6	16	975	1445	964.203	
5	11	91.3	11	1823		323.704	
6	11	96.2	6	1305		487.545	
7	11	61.8	19			699.035	
8	11	68.6	7	1788		54.416	
9	11	58	6	1468		497.087	
10	11	90	6	1472	1509	146.978	
11	11	91.9	16	1408	957	335.409	
Trail 6							
1	16	96.9	8	1581	1761	122.012	
2	16	84.5	13	1759	1168	371.83	
3	16	50.7	19	1787	1754	183.21	
4	16	95.1	13	1450	1271	391.79	
5	16	53.6	7	1600	1831	675.72	
6	16	68.6	10			132.95	
7	16	80.9	13	1542		42.62	
8	16	70.5	16	1489	1890	7.82	
9	16	71.7	5	1123		577.32	
10	16	78.4	9	1396		682.53	
11	16	53.1	13			458.08	
12	16	77.8	10	1338		499.12	
13	16	58.4	5	1324		115.53	
14	16	69	17			446.7	
15	16	65.4	20	1858		429.3	
16	16	58.5	9	1138	1465	257	
Trail 7							
1	12	91	7	1550	1342	792.774	
2	12	57	19	1197		706.96	
3	12	84.2	16	1634		34.77	
4	12	54.6	20	1318		801.75	
5	12	59	10	1105		658.1	
6	12	89.6	5			983.39	
7	12	73.7	13	1327		379.81	
8	12	77.4	20	1392	1292	511.98	
9	12	50.4	9	1128		684.6	
10	12	78.4	5	1755		782.45	
11	12	94.3	20	1177	959	212.5	
12	12	59.7	12	1089		330.7	
Trail 8							
1	11	58.6	7	1817	1551	239.649	
2	11	65.7	15	1429	1387	795.151	
3	11	97.8	18	1709		923.042	
4	11	92.1	10	1063		110.143	
5	11	59.1	11	1859		774.114	

6	11	50.2	6	1014	1889	544.855	
7	11	88.2	12	1308		792.965	
8	11	66.8	17			515.536	
9	11	84.1	11	1857		359.407	
10	11	95.4	19	1018	1900	619.618	
11	11	76.1	12	1203		792.809	
Trail 9
1	17	63.5	17	1041		493.768	
2	17	97.7	17	1485		17.733	
3	17	58.4	5			138.255	
4	17	62.4	15	1905		458.703	
5	17	59.2	17			69.961	
6	17	67.1	15	1803	1488	123.078	
7	17	52.5	12	1686		619.626	
8	17	80.7	17	1485	1512	285.304	
9	17	66.8	15	1317		66.701	
10	17	53.2	12			555.199	
11	17	68	10	1118		279.546	
12	17	70	16	1416		283.774	
13	17	87.7	12			426.532	
14	17	93.9	10			164.509	
15	17	51.6	14	1926		39.427	
16	17	57.3	12	1575		106.965	
17	17	72.5	13	1858		291.682	
Trail 10
1	10	91.4	19			486.527	
2	10	72.6	12	1696	1185	639.09	
3	10	61.6	14	1342		567.58	
4	10	78.5	6			407.6	
5	10	68.1	9			945.9	
6	10	100	15	1416		1190.75	
7	10	62.4	5	1626		281.43	
8	10	68.6	19	1911		1099.99	
9	10	83.8	19	1813		1052.1	
10	10	87.4	6			567.4	
Trail 11
1	8	71.5	17			503.513	
2	8	54.7	6			1295.79	
3	8	79.1	18			1337.79	
4	8	78.8	16			1051.1	
5	8	79	13	998		528.66	
6	8	76.4	9	951		961.85	
7	8	96	8			1262.5	
8	8	94.1	5			1436.6	
Trail 12
1	12	57.4	10			381.889	
2	12	66.9	18	1591	1884	829.16	
3	12	88.2	9			446.53	
4	12	78.7	10	1084		224.27	
5	12	98.7	7			595.14	
6	12	86	14	991		119.63	
7	12	74.6	7	1479		486.62	
8	12	86.4	13	1640	1378	783.69	
9	12	58.5	20	1619	1691	266.32	
10	12	88.6	18	1813		498.98	
11	12	91.8	20	1580		809.4	
12	12	90.6	12	1642		417.7	

Trail 13							
1	16	77.6	12	1080	1698	664.705	
2	16	61.8	13	1638		609.45	
3	16	78.2	8	1002		105.79	
4	16	59.1	14			296.87	
5	16	97.3	11	1218	1711	529.16	
6	16	58.9	8	1165		600.97	
7	16	82.5	5	1780	1294	515.73	
8	16	89.1	17	1744	1609	353.53	
9	16	81.3	9			535.94	
10	16	61	11	1160		711.67	
11	16	85.5	5	1841	1308	498.42	
12	16	50.9	19	1689		239.75	
13	16	58.9	15			426.15	
14	16	96.2	8	1534	1026	568	
15	16	70.8	19	1502	1471	517.9	
16	16	89.1	10			658.2	
Trail 14							
1	14	52.9	8	1680		721.775	
2	14	90.2	19	1556	1412	473.427	
3	14	58	5			454.974	
4	14	90.5	13	1411		492.921	
5	14	93	13			800.269	
6	14	76.9	19	1768		153.556	
7	14	53	17	1619		41.793	
8	14	63.1	15			52.91	
9	14	95.9	12	1585		274.657	
10	14	93.1	18	909		128.614	
11	14	81.6	7	1102	1461	505.981	
12	14	95.3	5	1879	1823	801.029	
13	14	69.5	5	1615		266.586	
14	14	78.2	20	1627		838.643	
Trail 15							
1	19	55.7	20			111.633	
2	19	64.6	11			256.786	
3	19	99.8	18	1318		406.492	
4	19	60	18	1218		424.093	
5	19	68	13	1342		400.164	
6	19	100	8	1222	946	229.075	
7	19	51	19	1189		169.546	
8	19	86.4	9	1191		616.877	
9	19	72.6	20	1805		517.738	
10	19	58.7	16			551.929	
11	19	89.4	11	1214		153.151	
12	19	52.5	12	1805		460.212	
13	19	86.6	11	1444	1783	525.023	
14	19	67.5	18	1679		66.154	
15	19	76.3	18	1493		11.135	
16	19	64	20	1526		214.696	
17	19	89	15	932		525.037	
18	19	56.1	20			537.258	
19	19	77.1	13	1093		355.279	
Trail 16							
1	19	56.3	7			613.197	
2	19	83.3	14	1827		518.811	
3	19	77.1	15	1822	1827	435.162	
4	19	53.2	10	1586	1272	54.583	

5	19	85	9			430.164	
6	19	82.4	7	1630		130.375	
7	19	65.5	9	1915		551.826	
8	19	64.4	10	1097		205.187	
9	19	72.7	18	1557		254.518	
10	19	50.9	5	1898	950	539.529	
11	19	68	18	1219	1163	606.711	
12	19	57.5	17			326.592	
13	19	61.3	15	1369		319.053	
14	19	91.3	11	1848		335.994	
15	19	52.8	5	1626	1339	15.315	
16	19	80.2	7	1500	1545	335.586	
17	19	50.7	5	1603		194.937	
18	19	82.3	9			624.658	
19	19	58.5	10	1009		589.379	
Trail 17							
1	9	78.9	10	1904		518.044	
2	9	68.4	10	1878		205.677	
3	9	70.8	18	1214		263.773	
4	9	80	10	1209	1038	1312.14	
5	9	71.9	6			469.517	
6	9	52.3	20	1120	1666	155.613	
7	9	76.5	13	1522		327.48	
8	9	71.3	5			925.967	
9	9	88.5	19	1423	1032	132.833	
Trail 18							
1	11	94.2	20	1082		465.255	
2	11	81.7	17	1721		95.731	
3	11	73	5	1167		407.112	
4	11	89.1	19	1554	1010	660.553	
5	11	78.4	16	1039	1235	561.694	
6	11	79	8			867.225	
7	11	72.9	10	1088		698.295	
8	11	90.1	7	1639		597.616	
9	11	62	11	1860	1316	524.567	
10	11	53.7	11	1142	1832	861.718	
11	11	63.1	19	1512		1024.709	
Trail 19							
1	11	79.9	5			309.709	
2	11	96.6	15			91.611	
3	11	54.4	12			206.082	
4	11	72	12	1715	1180	350.153	
5	11	90.5	15	1216	1396	271.114	
6	11	93	5	1005		874.245	
7	11	89.5	17	1452		871.465	
8	11	77.1	16	1411		934.076	
9	11	98	7	1152	1509	920.407	
10	11	99.4	20			790.118	
11	11	83.3	19	980		343.609	
Trail 20							
1	17	94.1	19	1476		616.815	
2	17	74.9	17			581.908	
3	17	78.3	6			22.915	
4	17	62.1	6	1051		412.713	
5	17	58.7	20			559.341	
6	17	97.6	17			522.168	
7	17	50.8	16	1445		544.576	

8	17	91.1	14	1360		293.844	
9	17	62.5	8	1844		163.851	
10	17	99	8	1124		699.169	
11	17	83.4	5	1411	1415	248.896	
12	17	94.9	10	1657	950	64.524	
13	17	83.1	20			380.152	
14	17	66.7	13	1436		658.929	
15	17	76.7	12	1902		180.247	
16	17	56.1	13	1004	1817	433.665	
17	17	92.3	20	1168	914	439.682	
Trail 21							
1	15	92.5	12			310.947	
2	15	65.2	8			18.76	
3	15	66	5			649.03	
4	15	98.1	9			559.74	
5	15	86.7	18	983		475.37	
6	15	62.2	16			312.47	
7	15	78.3	11			74.52	
8	15	69.6	20	1625		416.91	
9	15	53.8	16	1177		726.96	
10	15	67.8	8	1214	1547	44.55	
11	15	93.8	14			46.69	
12	15	64.8	16			241.33	
13	15	61.9	7	1877		707.8	
14	15	63.5	9	1406		299.9	
15	15	91.6	12	1064		212.8	
Trail 22							
1	12	53.6	5	1017		788.383	
2	12	94.7	9	1450	1008	542.63	
3	12	51.3	20	1656		187.76	
4	12	60.5	9	1481		854.36	
5	12	97.4	8			796.21	
6	12	94.5	20	1226	906	220.29	
7	12	98.5	8			76.22	
8	12	99.1	8	1547		383.6	
9	12	60.3	20			969.68	
10	12	91.1	16	1421		147.2	
11	12	82.9	8			742.7	
12	12	61.5	7	1080		753.3	
Trail 23							
1	10	94	7	1564		491.917	
2	10	78.6	8	999	1451	34.74	
3	10	94.8	15	1386		106.67	
4	10	93.9	7	1540		337.93	
5	10	59.3	8	1505	1068	147.01	
6	10	63.5	13	978		87.2	
7	10	54	9	1493	1605	223.14	
8	10	61.7	17			1078.37	
9	10	55.5	6			1124.7	
10	10	71	12	1418		639.4	
Trail 24							
1	14	54.3	6			99.921	
2	14	81.1	6	1389	1417	499.447	
3	14	77.2	7	1392		510.034	
4	14	88.8	11	1468		15.051	
5	14	51.9	16			363.509	
6	14	88.6	18	960		603.406	

7	14	52.7	10	1737	1470	496.103	
8	14	76.4	13	1761	1048	835.31	
9	14	54.5	9	1919		358.787	
10	14	85.9	10			810.784	
11	14	54	16	1235		198.041	
12	14	75	5	1036	1796	450.029	
13	14	74.2	6	1286		715.386	
14	14	55.8	16	1941		583.043	
			Trail 25				
1	14	79	16	1344	1886	832.658	
2	14	98.5	5	1092	957	268.187	
3	14	58.2	9			131.164	
4	14	59.4	15	1371	1366	270.551	
5	14	59.1	17	1672		815.769	
6	14	53.9	12	1717	1381	669.516	
7	14	73.5	19			623.383	
8	14	87.5	19	1654	1378	849.34	
9	14	80.1	6			314.467	
10	14	93.1	15			454.724	
11	14	62	20			140.361	
12	14	99.5	9	1681		413.879	
13	14	53.3	12	1111	1744	44.086	
14	14	77.4	10			16.143	
			Trail 26				
1	20	79.8	11			4.204	
2	20	71.3	14			333.464	
3	20	58.4	17	1280		284.14	
4	20	63.5	6	1562		353.5	
5	20	93.4	8	1644		254.44	
6	20	50.4	20	1252		161.71	
7	20	50.2	15	1401		338.46	
8	20	55.7	16	1770		565.62	
9	20	78.4	14	1544		588.36	
10	20	89.4	15	1420	1500	449.95	
11	20	81.2	5	1233		512.94	
12	20	95.6	13	1581		286.09	
13	20	97.9	13	1201		21.39	
14	20	77.9	8	1770		266.11	
15	20	67.4	14	1558		290.92	
16	20	67.8	17	1531		453.41	
17	20	67.4	15			276.17	
18	20	68.6	20	1002		432.6	
19	20	71.2	10	1468		246.2	
20	20	67.4	18	1496		325	
			Trail 27				
1	18	59.6	12	1748		220.204	
2	18	73.7	18			116.315	
3	18	60.4	5	1093	1073	234.127	
4	18	71.4	13	1814	1362	177.39	
5	18	51.5	5	1526	1151	527.913	
6	18	92.4	6			293.437	
7	18	56.2	7	1444	1905	489.55	
8	18	62.3	19	1012		592.203	
9	18	60.8	16	1524		318.947	
10	18	55.4	5	1209		99.52	
11	18	55.6	20	1627		295.813	
12	18	71.7	11			469.237	

13	18	90.8	7	1096		297.12	
14	18	58.6	6	1594		483.673	
15	18	77.5	13	1606		220.327	
16	18	77.3	10	1598		11.6	
17	18	50	16	958		290.033	
18	18	83.1	7			115.967	
Trail 28							
1	9	73.5	18	1815		243.007	
2	9	91.4	20	1602		456.817	
3	9	95.6	17	997		206.263	
4	9	56.2	19	1874		1115.94	
5	9	94	11	1540		883.527	
6	9	60	6			4.243	
7	9	69.4	19	1343	1506	843.23	
8	9	76.3	19	1132	1271	955.467	
9	9	58.3	20			434.033	
Trail 29							
1	9	58.6	11	1012		355.776	
2	9	62.7	12	1817		821.927	
3	9	55.7	11	977		568.873	
4	9	89	8	1805	985	1054.3	
5	9	59	11	1493		185.627	
6	9	50.1	19			687.743	
7	9	85.4	14	1450		1026.48	
8	9	58.6	13	1916		66.377	
9	9	63.1	17			926.933	
Trail 30							
1	12	63.4	16			523.086	
2	12	90	11	1654	1398	629.02	
3	12	68.7	20	1268		737.14	
4	12	97.2	7	1482		628	
5	12	87.2	20	1299		389.63	
6	12	82.1	18	1207	1595	415.16	
7	12	72.1	5			76.94	
8	12	72.6	9	1863	1378	431.63	
9	12	63.6	16	1658	1348	822.26	
10	12	53.8	16			958.68	
11	12	62.8	18	1347		243.9	
12	12	81.1	12	1797	1161	278.6	

Radar Type 6 – HT20-Mode:

Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX	Comments
Trail 1					
1	5.3	5.557	20		
2	5.3	5.584	20		
3	5.3	5.278	20		
4	5.3	5.465	20		
5	5.3	5.688	20		
6	5.3	5.717	20		
7	5.3	5.361	20		
8	5.3	5.72	20		
9	5.3	5.423	20		
10	5.3	5.718	20		
11	5.3	5.621	20		
12	5.3	5.392	20		
13	5.3	5.639	20		
14	5.3	5.298	20	*	
15	5.3	5.398	20		
16	5.3	5.267	20		
17	5.3	5.251	20		
18	5.3	5.676	20		
19	5.3	5.39	20		
20	5.3	5.308	20	*	
21	5.3	5.697	20		
22	5.3	5.495	20		
23	5.3	5.546	20		
24	5.3	5.689	20		
25	5.3	5.372	20		
26	5.3	5.638	20		
27	5.3	5.568	20		
28	5.3	5.721	20		
29	5.3	5.561	20		
30	5.3	5.28	20		
31	5.3	5.305	20	*	
32	5.3	5.651	20		
33	5.3	5.616	20		
34	5.3	5.614	20		
35	5.3	5.312	20		
36	5.3	5.708	20		
37	5.3	5.625	20		
38	5.3	5.426	20		
39	5.3	5.558	20		
40	5.3	5.385	20		
41	5.3	5.387	20		
42	5.3	5.524	20		
43	5.3	5.31	20	*	
44	5.3	5.716	20		
45	5.3	5.296	20	*	
46	5.3	5.567	20		
47	5.3	5.287	20		
48	5.3	5.37	20		
49	5.3	5.415	20		
50	5.3	5.294	20	*	

51	5.3	5.476	20		
52	5.3	5.256	20		
53	5.3	5.663	20		
54	5.3	5.636	20		
55	5.3	5.344	20		
56	5.3	5.353	20		
57	5.3	5.573	20		
58	5.3	5.445	20		
59	5.3	5.7	20		
60	5.3	5.585	20		
61	5.3	5.293	20	*	
62	5.3	5.516	20		
63	5.3	5.442	20		
64	5.3	5.542	20		
65	5.3	5.479	20		
66	5.3	5.649	20		
67	5.3	5.487	20		
68	5.3	5.598	20		
69	5.3	5.366	20		
70	5.3	5.486	20		
71	5.3	5.283	20		
72	5.3	5.369	20		
73	5.3	5.693	20		
74	5.3	5.702	20		
75	5.3	5.478	20		
76	5.3	5.468	20		
77	5.3	5.264	20		
78	5.3	5.497	20		
79	5.3	5.551	20		
80	5.3	5.416	20		
81	5.3	5.47	20		
82	5.3	5.543	20		
83	5.3	5.311	20		
84	5.3	5.285	20		
85	5.3	5.402	20		
86	5.3	5.306	20	*	
87	5.3	5.447	20		
88	5.3	5.506	20		
89	5.3	5.252	20		
90	5.3	5.393	20		
91	5.3	5.352	20		
92	5.3	5.556	20		
93	5.3	5.641	20		
94	5.3	5.333	20		
95	5.3	5.33	20		
96	5.3	5.336	20		
97	5.3	5.528	20		
98	5.3	5.633	20		
99	5.3	5.365	20		
100	5.3	5.286	20	100	
Trail 2					
1	5.3	5.471	20		
2	5.3	5.366	20		
3	5.3	5.642	20		
4	5.3	5.717	20		
5	5.3	5.266	20		
6	5.3	5.607	20		

7	5.3	5.53	20	
8	5.3	5.362	20	
9	5.3	5.339	20	
10	5.3	5.374	20	
11	5.3	5.341	20	
12	5.3	5.293	20	*
13	5.3	5.448	20	
14	5.3	5.68	20	
15	5.3	5.631	20	
16	5.3	5.343	20	
17	5.3	5.48	20	
18	5.3	5.671	20	
19	5.3	5.497	20	
20	5.3	5.723	20	
21	5.3	5.499	20	
22	5.3	5.408	20	
23	5.3	5.344	20	
24	5.3	5.627	20	
25	5.3	5.417	20	
26	5.3	5.458	20	
27	5.3	5.544	20	
28	5.3	5.598	20	
29	5.3	5.392	20	
30	5.3	5.553	20	
31	5.3	5.518	20	
32	5.3	5.592	20	
33	5.3	5.661	20	
34	5.3	5.678	20	
35	5.3	5.387	20	
36	5.3	5.531	20	
37	5.3	5.485	20	
38	5.3	5.677	20	
39	5.3	5.427	20	
40	5.3	5.599	20	
41	5.3	5.279	20	
42	5.3	5.645	20	
43	5.3	5.573	20	
44	5.3	5.465	20	
45	5.3	5.702	20	
46	5.3	5.637	20	
47	5.3	5.262	20	
48	5.3	5.348	20	
49	5.3	5.673	20	
50	5.3	5.401	20	
51	5.3	5.629	20	
52	5.3	5.572	20	
53	5.3	5.424	20	
54	5.3	5.59	20	
55	5.3	5.287	20	
56	5.3	5.265	20	
57	5.3	5.511	20	
58	5.3	5.641	20	
59	5.3	5.672	20	
60	5.3	5.718	20	
61	5.3	5.657	20	
62	5.3	5.27	20	
63	5.3	5.333	20	

64	5.3	5.541	20		
65	5.3	5.473	20		
66	5.3	5.649	20		
67	5.3	5.579	20		
68	5.3	5.662	20		
69	5.3	5.501	20		
70	5.3	5.456	20		
71	5.3	5.685	20		
72	5.3	5.404	20		
73	5.3	5.652	20		
74	5.3	5.521	20		
75	5.3	5.313	20		
76	5.3	5.437	20		
77	5.3	5.6	20		
78	5.3	5.345	20		
79	5.3	5.601	20		
80	5.3	5.479	20		
81	5.3	5.386	20		
82	5.3	5.459	20		
83	5.3	5.434	20		
84	5.3	5.452	20		
85	5.3	5.275	20		
86	5.3	5.517	20		
87	5.3	5.724	20		
88	5.3	5.367	20		
89	5.3	5.317	20		
90	5.3	5.312	20		
91	5.3	5.505	20		
92	5.3	5.526	20		
93	5.3	5.42	20		
94	5.3	5.393	20		
95	5.3	5.578	20		
96	5.3	5.429	20		
97	5.3	5.65	20		
98	5.3	5.563	20		
99	5.3	5.355	20		
100	5.3	5.444	20		
Trail 3					
1	5.3	5.488	20		
2	5.3	5.579	20		
3	5.3	5.584	20		
4	5.3	5.318	20		
5	5.3	5.36	20		
6	5.3	5.418	20		
7	5.3	5.608	20		
8	5.3	5.655	20		
9	5.3	5.593	20		
10	5.3	5.535	20		
11	5.3	5.32	20		
12	5.3	5.428	20		
13	5.3	5.513	20		
14	5.3	5.257	20		
15	5.3	5.393	20		
16	5.3	5.272	20		
17	5.3	5.35	20		
18	5.3	5.355	20		
19	5.3	5.598	20		

20	5.3	5.582	20	
21	5.3	5.406	20	
22	5.3	5.604	20	
23	5.3	5.578	20	
24	5.3	5.67	20	
25	5.3	5.483	20	
26	5.3	5.338	20	
27	5.3	5.706	20	
28	5.3	5.331	20	
29	5.3	5.363	20	
30	5.3	5.528	20	
31	5.3	5.572	20	
32	5.3	5.405	20	
33	5.3	5.273	20	
34	5.3	5.426	20	
35	5.3	5.341	20	
36	5.3	5.349	20	
37	5.3	5.385	20	
38	5.3	5.34	20	
39	5.3	5.564	20	
40	5.3	5.435	20	
41	5.3	5.431	20	
42	5.3	5.262	20	
43	5.3	5.417	20	
44	5.3	5.606	20	
45	5.3	5.68	20	
46	5.3	5.697	20	
47	5.3	5.439	20	
48	5.3	5.463	20	
49	5.3	5.672	20	
50	5.3	5.628	20	
51	5.3	5.433	20	
52	5.3	5.253	20	
53	5.3	5.688	20	
54	5.3	5.304	20	*
55	5.3	5.644	20	
56	5.3	5.561	20	
57	5.3	5.686	20	
58	5.3	5.713	20	
59	5.3	5.678	20	
60	5.3	5.292	20	*
61	5.3	5.639	20	
62	5.3	5.453	20	
63	5.3	5.436	20	
64	5.3	5.524	20	
65	5.3	5.305	20	*
66	5.3	5.558	20	
67	5.3	5.531	20	
68	5.3	5.681	20	
69	5.3	5.632	20	
70	5.3	5.334	20	
71	5.3	5.526	20	
72	5.3	5.621	20	
73	5.3	5.46	20	
74	5.3	5.348	20	
75	5.3	5.491	20	
76	5.3	5.376	20	

77	5.3	5.296	20	*
78	5.3	5.625	20	
79	5.3	5.295	20	*
80	5.3	5.379	20	
81	5.3	5.518	20	
82	5.3	5.57	20	
83	5.3	5.507	20	
84	5.3	5.328	20	
85	5.3	5.523	20	
86	5.3	5.475	20	
87	5.3	5.489	20	
88	5.3	5.509	20	
89	5.3	5.638	20	
90	5.3	5.724	20	
91	5.3	5.573	20	
92	5.3	5.512	20	
93	5.3	5.677	20	
94	5.3	5.559	20	
95	5.3	5.448	20	
96	5.3	5.411	20	
97	5.3	5.586	20	
98	5.3	5.371	20	
99	5.3	5.687	20	
100	5.3	5.367	20	
Trail 4				
1	5.3	5.311	20	
2	5.3	5.343	20	
3	5.3	5.386	20	
4	5.3	5.27	20	
5	5.3	5.274	20	
6	5.3	5.625	20	
7	5.3	5.393	20	
8	5.3	5.472	20	
9	5.3	5.631	20	
10	5.3	5.716	20	
11	5.3	5.463	20	
12	5.3	5.591	20	
13	5.3	5.455	20	
14	5.3	5.266	20	
15	5.3	5.585	20	
16	5.3	5.282	20	
17	5.3	5.318	20	
18	5.3	5.614	20	
19	5.3	5.667	20	
20	5.3	5.505	20	
21	5.3	5.442	20	
22	5.3	5.653	20	
23	5.3	5.581	20	
24	5.3	5.419	20	
25	5.3	5.634	20	
26	5.3	5.315	20	
27	5.3	5.44	20	
28	5.3	5.508	20	
29	5.3	5.62	20	
30	5.3	5.423	20	
31	5.3	5.594	20	
32	5.3	5.651	20	

33	5.3	5.34	20	
34	5.3	5.294	20	*
35	5.3	5.334	20	
36	5.3	5.524	20	
37	5.3	5.338	20	
38	5.3	5.571	20	
39	5.3	5.721	20	
40	5.3	5.253	20	
41	5.3	5.549	20	
42	5.3	5.526	20	
43	5.3	5.7	20	
44	5.3	5.664	20	
45	5.3	5.514	20	
46	5.3	5.487	20	
47	5.3	5.538	20	
48	5.3	5.272	20	
49	5.3	5.655	20	
50	5.3	5.349	20	
51	5.3	5.352	20	
52	5.3	5.454	20	
53	5.3	5.641	20	
54	5.3	5.474	20	
55	5.3	5.707	20	
56	5.3	5.607	20	
57	5.3	5.312	20	
58	5.3	5.485	20	
59	5.3	5.479	20	
60	5.3	5.369	20	
61	5.3	5.344	20	
62	5.3	5.504	20	
63	5.3	5.561	20	
64	5.3	5.521	20	
65	5.3	5.624	20	
66	5.3	5.327	20	
67	5.3	5.391	20	
68	5.3	5.562	20	
69	5.3	5.522	20	
70	5.3	5.693	20	
71	5.3	5.268	20	
72	5.3	5.679	20	
73	5.3	5.309	20	*
74	5.3	5.427	20	
75	5.3	5.506	20	
76	5.3	5.278	20	
77	5.3	5.502	20	
78	5.3	5.308	20	*
79	5.3	5.481	20	
80	5.3	5.612	20	
81	5.3	5.696	20	
82	5.3	5.422	20	
83	5.3	5.438	20	
84	5.3	5.413	20	
85	5.3	5.264	20	
86	5.3	5.628	20	
87	5.3	5.392	20	
88	5.3	5.36	20	
89	5.3	5.573	20	

90	5.3	5.384	20		
91	5.3	5.718	20		
92	5.3	5.717	20		
93	5.3	5.646	20		
94	5.3	5.511	20		
95	5.3	5.331	20		
96	5.3	5.436	20		
97	5.3	5.708	20		
98	5.3	5.596	20		
99	5.3	5.593	20		
100	5.3	5.484	20		
Trail 5					
1	5.3	5.26	20		
2	5.3	5.569	20		
3	5.3	5.439	20		
4	5.3	5.302	20	*	
5	5.3	5.702	20		
6	5.3	5.642	20		
7	5.3	5.508	20		
8	5.3	5.636	20		
9	5.3	5.665	20		
10	5.3	5.573	20		
11	5.3	5.305	20	*	
12	5.3	5.611	20		
13	5.3	5.262	20		
14	5.3	5.606	20		
15	5.3	5.386	20		
16	5.3	5.289	20		
17	5.3	5.538	20		
18	5.3	5.591	20		
19	5.3	5.419	20		
20	5.3	5.51	20		
21	5.3	5.69	20		
22	5.3	5.451	20		
23	5.3	5.438	20		
24	5.3	5.56	20		
25	5.3	5.263	20		
26	5.3	5.648	20		
27	5.3	5.492	20		
28	5.3	5.281	20		
29	5.3	5.45	20		
30	5.3	5.404	20		
31	5.3	5.25	20		
32	5.3	5.695	20		
33	5.3	5.276	20		
34	5.3	5.614	20		
35	5.3	5.446	20		
36	5.3	5.54	20		
37	5.3	5.57	20		
38	5.3	5.478	20		
39	5.3	5.664	20		
40	5.3	5.427	20		
41	5.3	5.515	20		
42	5.3	5.27	20		
43	5.3	5.257	20		
44	5.3	5.274	20		
45	5.3	5.412	20		

46	5.3	5.398	20		
47	5.3	5.722	20		
48	5.3	5.265	20		
49	5.3	5.718	20		
50	5.3	5.473	20		
51	5.3	5.559	20		
52	5.3	5.719	20		
53	5.3	5.501	20		
54	5.3	5.485	20		
55	5.3	5.639	20		
56	5.3	5.568	20		
57	5.3	5.622	20		
58	5.3	5.562	20		
59	5.3	5.674	20		
60	5.3	5.375	20		
61	5.3	5.408	20		
62	5.3	5.467	20		
63	5.3	5.319	20		
64	5.3	5.333	20		
65	5.3	5.283	20		
66	5.3	5.416	20		
67	5.3	5.553	20		
68	5.3	5.552	20		
69	5.3	5.593	20		
70	5.3	5.612	20		
71	5.3	5.583	20		
72	5.3	5.388	20		
73	5.3	5.261	20		
74	5.3	5.277	20		
75	5.3	5.314	20		
76	5.3	5.694	20		
77	5.3	5.282	20		
78	5.3	5.498	20		
79	5.3	5.627	20		
80	5.3	5.717	20		
81	5.3	5.389	20		
82	5.3	5.641	20		
83	5.3	5.58	20		
84	5.3	5.309	20	*	
85	5.3	5.693	20		
86	5.3	5.271	20		
87	5.3	5.382	20		
88	5.3	5.589	20		
89	5.3	5.377	20		
90	5.3	5.364	20		
91	5.3	5.39	20		
92	5.3	5.579	20		
93	5.3	5.437	20		
94	5.3	5.506	20		
95	5.3	5.441	20		
96	5.3	5.529	20		
97	5.3	5.34	20		
98	5.3	5.578	20		
99	5.3	5.546	20		
100	5.3	5.5	20		
Trail 6					
1	5.3	5.376	20		

2	5.3	5.43	20		
3	5.3	5.286	20		
4	5.3	5.637	20		
5	5.3	5.499	20		
6	5.3	5.533	20		
7	5.3	5.425	20		
8	5.3	5.325	20		
9	5.3	5.274	20		
10	5.3	5.391	20		
11	5.3	5.371	20		
12	5.3	5.498	20		
13	5.3	5.611	20		
14	5.3	5.451	20		
15	5.3	5.7	20		
16	5.3	5.557	20		
17	5.3	5.403	20		
18	5.3	5.535	20		
19	5.3	5.489	20		
20	5.3	5.321	20		
21	5.3	5.574	20		
22	5.3	5.486	20		
23	5.3	5.526	20		
24	5.3	5.683	20		
25	5.3	5.706	20		
26	5.3	5.649	20		
27	5.3	5.661	20		
28	5.3	5.385	20		
29	5.3	5.389	20		
30	5.3	5.449	20		
31	5.3	5.358	20		
32	5.3	5.613	20		
33	5.3	5.351	20		
34	5.3	5.278	20		
35	5.3	5.515	20		
36	5.3	5.719	20		
37	5.3	5.571	20		
38	5.3	5.577	20		
39	5.3	5.357	20		
40	5.3	5.63	20		
41	5.3	5.666	20		
42	5.3	5.505	20		
43	5.3	5.494	20		
44	5.3	5.585	20		
45	5.3	5.261	20		
46	5.3	5.417	20		
47	5.3	5.324	20		
48	5.3	5.281	20		
49	5.3	5.591	20		
50	5.3	5.438	20		
51	5.3	5.713	20		
52	5.3	5.648	20		
53	5.3	5.524	20		
54	5.3	5.323	20		
55	5.3	5.406	20		
56	5.3	5.668	20		
57	5.3	5.479	20		
58	5.3	5.362	20		

59	5.3	5.41	20		
60	5.3	5.663	20		
61	5.3	5.304	20	*	
62	5.3	5.398	20		
63	5.3	5.308	20	*	
64	5.3	5.658	20		
65	5.3	5.416	20		
66	5.3	5.341	20		
67	5.3	5.488	20		
68	5.3	5.552	20		
69	5.3	5.568	20		
70	5.3	5.369	20		
71	5.3	5.514	20		
72	5.3	5.572	20		
73	5.3	5.52	20		
74	5.3	5.659	20		
75	5.3	5.301	20	*	
76	5.3	5.619	20		
77	5.3	5.464	20		
78	5.3	5.512	20		
79	5.3	5.696	20		
80	5.3	5.638	20		
81	5.3	5.485	20		
82	5.3	5.516	20		
83	5.3	5.607	20		
84	5.3	5.482	20		
85	5.3	5.653	20		
86	5.3	5.421	20		
87	5.3	5.71	20		
88	5.3	5.276	20		
89	5.3	5.545	20		
90	5.3	5.493	20		
91	5.3	5.562	20		
92	5.3	5.368	20		
93	5.3	5.313	20		
94	5.3	5.284	20		
95	5.3	5.49	20		
96	5.3	5.681	20		
97	5.3	5.675	20		
98	5.3	5.407	20		
99	5.3	5.632	20		
100	5.3	5.382	20		
Trail 7					
1	5.3	5.651	20		
2	5.3	5.324	20		
3	5.3	5.599	20		
4	5.3	5.261	20		
5	5.3	5.267	20		
6	5.3	5.566	20		
7	5.3	5.289	20		
8	5.3	5.337	20		
9	5.3	5.391	20		
10	5.3	5.609	20		
11	5.3	5.567	20		
12	5.3	5.582	20		
13	5.3	5.642	20		
14	5.3	5.375	20		

15	5.3	5.426	20	
16	5.3	5.309	20	*
17	5.3	5.318	20	
18	5.3	5.409	20	
19	5.3	5.513	20	
20	5.3	5.266	20	
21	5.3	5.659	20	
22	5.3	5.274	20	
23	5.3	5.317	20	
24	5.3	5.27	20	
25	5.3	5.626	20	
26	5.3	5.315	20	
27	5.3	5.506	20	
28	5.3	5.256	20	
29	5.3	5.71	20	
30	5.3	5.481	20	
31	5.3	5.631	20	
32	5.3	5.26	20	
33	5.3	5.346	20	
34	5.3	5.325	20	
35	5.3	5.554	20	
36	5.3	5.425	20	
37	5.3	5.647	20	
38	5.3	5.271	20	
39	5.3	5.488	20	
40	5.3	5.528	20	
41	5.3	5.381	20	
42	5.3	5.514	20	
43	5.3	5.257	20	
44	5.3	5.684	20	
45	5.3	5.294	20	*
46	5.3	5.408	20	
47	5.3	5.469	20	
48	5.3	5.613	20	
49	5.3	5.494	20	
50	5.3	5.652	20	
51	5.3	5.442	20	
52	5.3	5.545	20	
53	5.3	5.715	20	
54	5.3	5.696	20	
55	5.3	5.487	20	
56	5.3	5.627	20	
57	5.3	5.704	20	
58	5.3	5.323	20	
59	5.3	5.671	20	
60	5.3	5.482	20	
61	5.3	5.478	20	
62	5.3	5.393	20	
63	5.3	5.707	20	
64	5.3	5.58	20	
65	5.3	5.563	20	
66	5.3	5.313	20	
67	5.3	5.703	20	
68	5.3	5.541	20	
69	5.3	5.475	20	
70	5.3	5.679	20	
71	5.3	5.343	20	

72	5.3	5.479	20		
73	5.3	5.397	20		
74	5.3	5.655	20		
75	5.3	5.388	20		
76	5.3	5.281	20		
77	5.3	5.714	20		
78	5.3	5.432	20		
79	5.3	5.334	20		
80	5.3	5.382	20		
81	5.3	5.711	20		
82	5.3	5.656	20		
83	5.3	5.549	20		
84	5.3	5.415	20		
85	5.3	5.48	20		
86	5.3	5.283	20		
87	5.3	5.555	20		
88	5.3	5.65	20		
89	5.3	5.354	20		
90	5.3	5.31	20	*	
91	5.3	5.327	20		
92	5.3	5.699	20		
93	5.3	5.414	20		
94	5.3	5.328	20		
95	5.3	5.664	20		
96	5.3	5.403	20		
97	5.3	5.326	20		
98	5.3	5.603	20		
99	5.3	5.507	20		
100	5.3	5.495	20		
Trail 8					
1	5.3	5.339	20		
2	5.3	5.358	20		
3	5.3	5.649	20		
4	5.3	5.378	20		
5	5.3	5.313	20		
6	5.3	5.551	20		
7	5.3	5.4	20		
8	5.3	5.341	20		
9	5.3	5.5	20		
10	5.3	5.62	20		
11	5.3	5.474	20		
12	5.3	5.545	20		
13	5.3	5.381	20		
14	5.3	5.255	20		
15	5.3	5.609	20		
16	5.3	5.614	20		
17	5.3	5.663	20		
18	5.3	5.607	20		
19	5.3	5.577	20		
20	5.3	5.332	20		
21	5.3	5.44	20		
22	5.3	5.72	20		
23	5.3	5.718	20		
24	5.3	5.316	20		
25	5.3	5.675	20		
26	5.3	5.628	20		
27	5.3	5.326	20		

28	5.3	5.495	20		
29	5.3	5.548	20		
30	5.3	5.452	20		
31	5.3	5.669	20		
32	5.3	5.37	20		
33	5.3	5.309	20	*	
34	5.3	5.277	20		
35	5.3	5.374	20		
36	5.3	5.365	20		
37	5.3	5.278	20		
38	5.3	5.45	20		
39	5.3	5.285	20		
40	5.3	5.487	20		
41	5.3	5.583	20		
42	5.3	5.472	20		
43	5.3	5.273	20		
44	5.3	5.355	20		
45	5.3	5.512	20		
46	5.3	5.25	20		
47	5.3	5.505	20		
48	5.3	5.482	20		
49	5.3	5.327	20		
50	5.3	5.507	20		
51	5.3	5.252	20		
52	5.3	5.288	20		
53	5.3	5.521	20		
54	5.3	5.284	20		
55	5.3	5.351	20		
56	5.3	5.279	20		
57	5.3	5.687	20		
58	5.3	5.419	20		
59	5.3	5.384	20		
60	5.3	5.46	20		
61	5.3	5.672	20		
62	5.3	5.7	20		
63	5.3	5.55	20		
64	5.3	5.621	20		
65	5.3	5.659	20		
66	5.3	5.563	20		
67	5.3	5.353	20		
68	5.3	5.477	20		
69	5.3	5.568	20		
70	5.3	5.671	20		
71	5.3	5.59	20		
72	5.3	5.662	20		
73	5.3	5.27	20		
74	5.3	5.608	20		
75	5.3	5.653	20		
76	5.3	5.42	20		
77	5.3	5.32	20		
78	5.3	5.345	20		
79	5.3	5.528	20		
80	5.3	5.554	20		
81	5.3	5.367	20		
82	5.3	5.677	20		
83	5.3	5.716	20		
84	5.3	5.301	20	*	

85	5.3	5.382	20		
86	5.3	5.522	20		
87	5.3	5.276	20		
88	5.3	5.64	20		
89	5.3	5.411	20		
90	5.3	5.597	20		
91	5.3	5.696	20		
92	5.3	5.617	20		
93	5.3	5.655	20		
94	5.3	5.633	20		
95	5.3	5.656	20		
96	5.3	5.29	20	*	
97	5.3	5.575	20		
98	5.3	5.349	20		
99	5.3	5.395	20		
100	5.3	5.49	20		
Trail 9					
1	5.3	5.401	20		
2	5.3	5.722	20		
3	5.3	5.262	20		
4	5.3	5.676	20		
5	5.3	5.686	20		
6	5.3	5.331	20		
7	5.3	5.26	20		
8	5.3	5.365	20		
9	5.3	5.382	20		
10	5.3	5.486	20		
11	5.3	5.612	20		
12	5.3	5.467	20		
13	5.3	5.527	20		
14	5.3	5.371	20		
15	5.3	5.713	20		
16	5.3	5.275	20		
17	5.3	5.375	20		
18	5.3	5.638	20		
19	5.3	5.72	20		
20	5.3	5.608	20		
21	5.3	5.332	20		
22	5.3	5.632	20		
23	5.3	5.284	20		
24	5.3	5.453	20		
25	5.3	5.548	20		
26	5.3	5.28	20		
27	5.3	5.543	20		
28	5.3	5.544	20		
29	5.3	5.391	20		
30	5.3	5.306	20	*	
31	5.3	5.654	20		
32	5.3	5.364	20		
33	5.3	5.561	20		
34	5.3	5.537	20		
35	5.3	5.289	20		
36	5.3	5.64	20		
37	5.3	5.473	20		
38	5.3	5.515	20		
39	5.3	5.695	20		
40	5.3	5.372	20		

41	5.3	5.456	20		
42	5.3	5.337	20		
43	5.3	5.667	20		
44	5.3	5.512	20		
45	5.3	5.495	20		
46	5.3	5.507	20		
47	5.3	5.642	20		
48	5.3	5.692	20		
49	5.3	5.56	20		
50	5.3	5.49	20		
51	5.3	5.33	20		
52	5.3	5.272	20		
53	5.3	5.354	20		
54	5.3	5.683	20		
55	5.3	5.409	20		
56	5.3	5.664	20		
57	5.3	5.466	20		
58	5.3	5.584	20		
59	5.3	5.47	20		
60	5.3	5.525	20		
61	5.3	5.474	20		
62	5.3	5.591	20		
63	5.3	5.524	20		
64	5.3	5.587	20		
65	5.3	5.685	20		
66	5.3	5.444	20		
67	5.3	5.39	20		
68	5.3	5.509	20		
69	5.3	5.428	20		
70	5.3	5.326	20		
71	5.3	5.681	20		
72	5.3	5.37	20		
73	5.3	5.716	20		
74	5.3	5.361	20		
75	5.3	5.358	20		
76	5.3	5.352	20		
77	5.3	5.394	20		
78	5.3	5.597	20		
79	5.3	5.321	20		
80	5.3	5.439	20		
81	5.3	5.701	20		
82	5.3	5.523	20		
83	5.3	5.583	20		
84	5.3	5.627	20		
85	5.3	5.673	20		
86	5.3	5.517	20		
87	5.3	5.705	20		
88	5.3	5.547	20		
89	5.3	5.424	20		
90	5.3	5.5	20		
91	5.3	5.261	20		
92	5.3	5.616	20		
93	5.3	5.656	20		
94	5.3	5.356	20		
95	5.3	5.427	20		
96	5.3	5.302	20	*	
97	5.3	5.655	20		

98	5.3	5.708	20		
99	5.3	5.618	20		
100	5.3	5.615	20		
Trail 10					
1	5.3	5.673	20		
2	5.3	5.72	20		
3	5.3	5.255	20		
4	5.3	5.343	20		
5	5.3	5.415	20		
6	5.3	5.657	20		
7	5.3	5.278	20		
8	5.3	5.3	20	*	
9	5.3	5.472	20		
10	5.3	5.614	20		
11	5.3	5.506	20		
12	5.3	5.636	20		
13	5.3	5.435	20		
14	5.3	5.679	20		
15	5.3	5.594	20		
16	5.3	5.417	20		
17	5.3	5.337	20		
18	5.3	5.666	20		
19	5.3	5.444	20		
20	5.3	5.468	20		
21	5.3	5.696	20		
22	5.3	5.368	20		
23	5.3	5.414	20		
24	5.3	5.625	20		
25	5.3	5.411	20		
26	5.3	5.264	20		
27	5.3	5.675	20		
28	5.3	5.465	20		
29	5.3	5.374	20		
30	5.3	5.575	20		
31	5.3	5.495	20		
32	5.3	5.438	20		
33	5.3	5.671	20		
34	5.3	5.677	20		
35	5.3	5.504	20		
36	5.3	5.287	20		
37	5.3	5.64	20		
38	5.3	5.295	20	*	
39	5.3	5.316	20		
40	5.3	5.53	20		
41	5.3	5.715	20		
42	5.3	5.448	20		
43	5.3	5.507	20		
44	5.3	5.369	20		
45	5.3	5.542	20		
46	5.3	5.559	20		
47	5.3	5.27	20		
48	5.3	5.665	20		
49	5.3	5.552	20		
50	5.3	5.346	20		
51	5.3	5.709	20		
52	5.3	5.28	20		
53	5.3	5.491	20		

54	5.3	5.36	20		
55	5.3	5.387	20		
56	5.3	5.633	20		
57	5.3	5.271	20		
58	5.3	5.61	20		
59	5.3	5.401	20		
60	5.3	5.632	20		
61	5.3	5.266	20		
62	5.3	5.383	20		
63	5.3	5.44	20		
64	5.3	5.545	20		
65	5.3	5.407	20		
66	5.3	5.585	20		
67	5.3	5.426	20		
68	5.3	5.605	20		
69	5.3	5.611	20		
70	5.3	5.327	20		
71	5.3	5.373	20		
72	5.3	5.664	20		
73	5.3	5.52	20		
74	5.3	5.561	20		
75	5.3	5.421	20		
76	5.3	5.48	20		
77	5.3	5.617	20		
78	5.3	5.667	20		
79	5.3	5.501	20		
80	5.3	5.462	20		
81	5.3	5.317	20		
82	5.3	5.704	20		
83	5.3	5.365	20		
84	5.3	5.562	20		
85	5.3	5.256	20		
86	5.3	5.297	20	*	
87	5.3	5.503	20		
88	5.3	5.607	20		
89	5.3	5.713	20		
90	5.3	5.382	20		
91	5.3	5.718	20		
92	5.3	5.662	20		
93	5.3	5.719	20		
94	5.3	5.322	20		
95	5.3	5.557	20		
96	5.3	5.651	20		
97	5.3	5.564	20		
98	5.3	5.593	20		
99	5.3	5.572	20		
100	5.3	5.707	20		
Trail 11					
1	5.3	5.485	20		
2	5.3	5.273	20		
3	5.3	5.465	20		
4	5.3	5.445	20		
5	5.3	5.501	20		
6	5.3	5.406	20		
7	5.3	5.523	20		
8	5.3	5.293	20	*	
9	5.3	5.307	20	*	

10	5.3	5.554	20	
11	5.3	5.531	20	
12	5.3	5.455	20	
13	5.3	5.508	20	
14	5.3	5.723	20	
15	5.3	5.694	20	
16	5.3	5.496	20	
17	5.3	5.556	20	
18	5.3	5.705	20	
19	5.3	5.494	20	
20	5.3	5.332	20	
21	5.3	5.45	20	
22	5.3	5.603	20	
23	5.3	5.703	20	
24	5.3	5.451	20	
25	5.3	5.444	20	
26	5.3	5.436	20	
27	5.3	5.683	20	
28	5.3	5.69	20	
29	5.3	5.441	20	
30	5.3	5.691	20	
31	5.3	5.306	20	*
32	5.3	5.419	20	
33	5.3	5.314	20	
34	5.3	5.503	20	
35	5.3	5.487	20	
36	5.3	5.533	20	
37	5.3	5.311	20	
38	5.3	5.329	20	
39	5.3	5.493	20	
40	5.3	5.712	20	
41	5.3	5.693	20	
42	5.3	5.379	20	
43	5.3	5.43	20	
44	5.3	5.368	20	
45	5.3	5.562	20	
46	5.3	5.259	20	
47	5.3	5.605	20	
48	5.3	5.463	20	
49	5.3	5.57	20	
50	5.3	5.277	20	
51	5.3	5.631	20	
52	5.3	5.276	20	
53	5.3	5.358	20	
54	5.3	5.309	20	*
55	5.3	5.294	20	*
56	5.3	5.438	20	
57	5.3	5.593	20	
58	5.3	5.633	20	
59	5.3	5.621	20	
60	5.3	5.668	20	
61	5.3	5.346	20	
62	5.3	5.613	20	
63	5.3	5.333	20	
64	5.3	5.614	20	
65	5.3	5.297	20	*
66	5.3	5.278	20	

67	5.3	5.561	20		
68	5.3	5.252	20		
69	5.3	5.457	20		
70	5.3	5.681	20		
71	5.3	5.624	20		
72	5.3	5.376	20		
73	5.3	5.502	20		
74	5.3	5.696	20		
75	5.3	5.429	20		
76	5.3	5.431	20		
77	5.3	5.686	20		
78	5.3	5.714	20		
79	5.3	5.677	20		
80	5.3	5.701	20		
81	5.3	5.383	20		
82	5.3	5.279	20		
83	5.3	5.587	20		
84	5.3	5.569	20		
85	5.3	5.489	20		
86	5.3	5.707	20		
87	5.3	5.29	20	*	
88	5.3	5.459	20		
89	5.3	5.55	20		
90	5.3	5.54	20		
91	5.3	5.338	20		
92	5.3	5.692	20		
93	5.3	5.632	20		
94	5.3	5.505	20		
95	5.3	5.471	20		
96	5.3	5.34	20		
97	5.3	5.67	20		
98	5.3	5.63	20		
99	5.3	5.529	20		
100	5.3	5.678	20		
Trail 12					
1	5.3	5.54	20		
2	5.3	5.495	20		
3	5.3	5.437	20		
4	5.3	5.336	20		
5	5.3	5.375	20		
6	5.3	5.507	20		
7	5.3	5.315	20		
8	5.3	5.529	20		
9	5.3	5.385	20		
10	5.3	5.458	20		
11	5.3	5.441	20		
12	5.3	5.316	20		
13	5.3	5.585	20		
14	5.3	5.581	20		
15	5.3	5.313	20		
16	5.3	5.5	20		
17	5.3	5.33	20		
18	5.3	5.687	20		
19	5.3	5.372	20		
20	5.3	5.654	20		
21	5.3	5.72	20		
22	5.3	5.424	20		

23	5.3	5.426	20	
24	5.3	5.317	20	
25	5.3	5.576	20	
26	5.3	5.682	20	
27	5.3	5.282	20	
28	5.3	5.435	20	
29	5.3	5.332	20	
30	5.3	5.347	20	
31	5.3	5.392	20	
32	5.3	5.3	20	*
33	5.3	5.376	20	
34	5.3	5.663	20	
35	5.3	5.32	20	
36	5.3	5.269	20	
37	5.3	5.306	20	*
38	5.3	5.615	20	
39	5.3	5.502	20	
40	5.3	5.669	20	
41	5.3	5.591	20	
42	5.3	5.563	20	
43	5.3	5.37	20	
44	5.3	5.366	20	
45	5.3	5.323	20	
46	5.3	5.423	20	
47	5.3	5.609	20	
48	5.3	5.675	20	
49	5.3	5.652	20	
50	5.3	5.618	20	
51	5.3	5.307	20	*
52	5.3	5.454	20	
53	5.3	5.492	20	
54	5.3	5.262	20	
55	5.3	5.577	20	
56	5.3	5.588	20	
57	5.3	5.6	20	
58	5.3	5.318	20	
59	5.3	5.28	20	
60	5.3	5.368	20	
61	5.3	5.349	20	
62	5.3	5.381	20	
63	5.3	5.596	20	
64	5.3	5.259	20	
65	5.3	5.308	20	*
66	5.3	5.612	20	
67	5.3	5.642	20	
68	5.3	5.257	20	
69	5.3	5.636	20	
70	5.3	5.482	20	
71	5.3	5.465	20	
72	5.3	5.696	20	
73	5.3	5.305	20	*
74	5.3	5.572	20	
75	5.3	5.358	20	
76	5.3	5.707	20	
77	5.3	5.693	20	
78	5.3	5.414	20	
79	5.3	5.648	20	

80	5.3	5.288	20		
81	5.3	5.686	20		
82	5.3	5.298	20	*	
83	5.3	5.662	20		
84	5.3	5.646	20		
85	5.3	5.438	20		
86	5.3	5.434	20		
87	5.3	5.395	20		
88	5.3	5.456	20		
89	5.3	5.439	20		
90	5.3	5.254	20		
91	5.3	5.525	20		
92	5.3	5.694	20		
93	5.3	5.411	20		
94	5.3	5.561	20		
95	5.3	5.296	20	*	
96	5.3	5.568	20		
97	5.3	5.403	20		
98	5.3	5.649	20		
99	5.3	5.342	20		
100	5.3	5.59	20		
Trail 13					
1	5.3	5.621	20		
2	5.3	5.378	20		
3	5.3	5.65	20		
4	5.3	5.441	20		
5	5.3	5.693	20		
6	5.3	5.41	20		
7	5.3	5.583	20		
8	5.3	5.323	20		
9	5.3	5.472	20		
10	5.3	5.656	20		
11	5.3	5.701	20		
12	5.3	5.651	20		
13	5.3	5.68	20		
14	5.3	5.596	20		
15	5.3	5.287	20		
16	5.3	5.365	20		
17	5.3	5.536	20		
18	5.3	5.598	20		
19	5.3	5.334	20		
20	5.3	5.547	20		
21	5.3	5.364	20		
22	5.3	5.625	20		
23	5.3	5.615	20		
24	5.3	5.395	20		
25	5.3	5.355	20		
26	5.3	5.648	20		
27	5.3	5.402	20		
28	5.3	5.349	20		
29	5.3	5.515	20		
30	5.3	5.448	20		
31	5.3	5.329	20		
32	5.3	5.567	20		
33	5.3	5.5	20		
34	5.3	5.639	20		
35	5.3	5.714	20		

36	5.3	5.331	20	
37	5.3	5.668	20	
38	5.3	5.464	20	
39	5.3	5.301	20	*
40	5.3	5.672	20	
41	5.3	5.461	20	
42	5.3	5.724	20	
43	5.3	5.31	20	*
44	5.3	5.298	20	*
45	5.3	5.652	20	
46	5.3	5.649	20	
47	5.3	5.629	20	
48	5.3	5.655	20	
49	5.3	5.717	20	
50	5.3	5.494	20	
51	5.3	5.465	20	
52	5.3	5.509	20	
53	5.3	5.627	20	
54	5.3	5.486	20	
55	5.3	5.595	20	
56	5.3	5.703	20	
57	5.3	5.434	20	
58	5.3	5.313	20	
59	5.3	5.61	20	
60	5.3	5.542	20	
61	5.3	5.475	20	
62	5.3	5.338	20	
63	5.3	5.379	20	
64	5.3	5.453	20	
65	5.3	5.493	20	
66	5.3	5.502	20	
67	5.3	5.499	20	
68	5.3	5.498	20	
69	5.3	5.259	20	
70	5.3	5.72	20	
71	5.3	5.577	20	
72	5.3	5.555	20	
73	5.3	5.688	20	
74	5.3	5.682	20	
75	5.3	5.424	20	
76	5.3	5.594	20	
77	5.3	5.467	20	
78	5.3	5.58	20	
79	5.3	5.489	20	
80	5.3	5.369	20	
81	5.3	5.6	20	
82	5.3	5.254	20	
83	5.3	5.481	20	
84	5.3	5.456	20	
85	5.3	5.552	20	
86	5.3	5.423	20	
87	5.3	5.614	20	
88	5.3	5.317	20	
89	5.3	5.626	20	
90	5.3	5.676	20	
91	5.3	5.531	20	
92	5.3	5.427	20	

93	5.3	5.353	20		
94	5.3	5.392	20		
95	5.3	5.659	20		
96	5.3	5.386	20		
97	5.3	5.307	20	*	
98	5.3	5.478	20		
99	5.3	5.56	20		
100	5.3	5.291	20	*	
Trail 14					
1	5.3	5.418	20		
2	5.3	5.369	20		
3	5.3	5.655	20		
4	5.3	5.305	20	*	
5	5.3	5.295	20	*	
6	5.3	5.277	20		
7	5.3	5.404	20		
8	5.3	5.654	20		
9	5.3	5.468	20		
10	5.3	5.677	20		
11	5.3	5.455	20		
12	5.3	5.694	20		
13	5.3	5.461	20		
14	5.3	5.573	20		
15	5.3	5.688	20		
16	5.3	5.352	20		
17	5.3	5.553	20		
18	5.3	5.592	20		
19	5.3	5.511	20		
20	5.3	5.656	20		
21	5.3	5.706	20		
22	5.3	5.529	20		
23	5.3	5.267	20		
24	5.3	5.296	20	*	
25	5.3	5.449	20		
26	5.3	5.354	20		
27	5.3	5.55	20		
28	5.3	5.268	20		
29	5.3	5.641	20		
30	5.3	5.542	20		
31	5.3	5.579	20		
32	5.3	5.494	20		
33	5.3	5.374	20		
34	5.3	5.253	20		
35	5.3	5.258	20		
36	5.3	5.527	20		
37	5.3	5.712	20		
38	5.3	5.705	20		
39	5.3	5.709	20		
40	5.3	5.646	20		
41	5.3	5.289	20		
42	5.3	5.695	20		
43	5.3	5.326	20		
44	5.3	5.678	20		
45	5.3	5.714	20		
46	5.3	5.351	20		
47	5.3	5.469	20		
48	5.3	5.355	20		

49	5.3	5.419	20		
50	5.3	5.475	20		
51	5.3	5.413	20		
52	5.3	5.612	20		
53	5.3	5.564	20		
54	5.3	5.379	20		
55	5.3	5.322	20		
56	5.3	5.668	20		
57	5.3	5.279	20		
58	5.3	5.658	20		
59	5.3	5.493	20		
60	5.3	5.47	20		
61	5.3	5.584	20		
62	5.3	5.361	20		
63	5.3	5.409	20		
64	5.3	5.357	20		
65	5.3	5.264	20		
66	5.3	5.364	20		
67	5.3	5.327	20		
68	5.3	5.517	20		
69	5.3	5.311	20		
70	5.3	5.607	20		
71	5.3	5.319	20		
72	5.3	5.35	20		
73	5.3	5.395	20		
74	5.3	5.298	20	*	
75	5.3	5.337	20		
76	5.3	5.611	20		
77	5.3	5.541	20		
78	5.3	5.422	20		
79	5.3	5.285	20		
80	5.3	5.523	20		
81	5.3	5.281	20		
82	5.3	5.312	20		
83	5.3	5.578	20		
84	5.3	5.62	20		
85	5.3	5.642	20		
86	5.3	5.332	20		
87	5.3	5.538	20		
88	5.3	5.271	20		
89	5.3	5.266	20		
90	5.3	5.463	20		
91	5.3	5.6	20		
92	5.3	5.637	20		
93	5.3	5.496	20		
94	5.3	5.454	20		
95	5.3	5.359	20		
96	5.3	5.436	20		
97	5.3	5.551	20		
98	5.3	5.306	20	*	
99	5.3	5.397	20		
100	5.3	5.414	20		
Trail 15					
1	5.3	5.552	20		
2	5.3	5.275	20		
3	5.3	5.43	20		
4	5.3	5.497	20		

5	5.3	5.444	20		
6	5.3	5.595	20		
7	5.3	5.433	20		
8	5.3	5.455	20		
9	5.3	5.494	20		
10	5.3	5.399	20		
11	5.3	5.574	20		
12	5.3	5.582	20		
13	5.3	5.366	20		
14	5.3	5.377	20		
15	5.3	5.5	20		
16	5.3	5.701	20		
17	5.3	5.394	20		
18	5.3	5.324	20		
19	5.3	5.608	20		
20	5.3	5.549	20		
21	5.3	5.659	20		
22	5.3	5.447	20		
23	5.3	5.604	20		
24	5.3	5.601	20		
25	5.3	5.539	20		
26	5.3	5.649	20		
27	5.3	5.318	20		
28	5.3	5.481	20		
29	5.3	5.626	20		
30	5.3	5.475	20		
31	5.3	5.271	20		
32	5.3	5.342	20		
33	5.3	5.568	20		
34	5.3	5.588	20		
35	5.3	5.519	20		
36	5.3	5.629	20		
37	5.3	5.489	20		
38	5.3	5.323	20		
39	5.3	5.416	20		
40	5.3	5.484	20		
41	5.3	5.583	20		
42	5.3	5.575	20		
43	5.3	5.389	20		
44	5.3	5.393	20		
45	5.3	5.341	20		
46	5.3	5.339	20		
47	5.3	5.551	20		
48	5.3	5.374	20		
49	5.3	5.492	20		
50	5.3	5.499	20		
51	5.3	5.396	20		
52	5.3	5.562	20		
53	5.3	5.547	20		
54	5.3	5.404	20		
55	5.3	5.255	20		
56	5.3	5.472	20		
57	5.3	5.41	20		
58	5.3	5.548	20		
59	5.3	5.468	20		
60	5.3	5.456	20		
61	5.3	5.434	20		

62	5.3	5.59	20		
63	5.3	5.507	20		
64	5.3	5.638	20		
65	5.3	5.668	20		
66	5.3	5.402	20		
67	5.3	5.466	20		
68	5.3	5.586	20		
69	5.3	5.54	20		
70	5.3	5.262	20		
71	5.3	5.515	20		
72	5.3	5.713	20		
73	5.3	5.528	20		
74	5.3	5.252	20		
75	5.3	5.425	20		
76	5.3	5.553	20		
77	5.3	5.483	20		
78	5.3	5.351	20		
79	5.3	5.291	20	*	
80	5.3	5.473	20		
81	5.3	5.591	20		
82	5.3	5.692	20		
83	5.3	5.361	20		
84	5.3	5.328	20		
85	5.3	5.266	20		
86	5.3	5.661	20		
87	5.3	5.427	20		
88	5.3	5.514	20		
89	5.3	5.513	20		
90	5.3	5.463	20		
91	5.3	5.429	20		
92	5.3	5.627	20		
93	5.3	5.36	20		
94	5.3	5.71	20		
95	5.3	5.63	20		
96	5.3	5.462	20		
97	5.3	5.637	20		
98	5.3	5.606	20		
99	5.3	5.561	20		
100	5.3	5.708	20		
Trail 16					
1	5.3	5.648	20		
2	5.3	5.427	20		
3	5.3	5.488	20		
4	5.3	5.507	20		
5	5.3	5.397	20		
6	5.3	5.568	20		
7	5.3	5.698	20		
8	5.3	5.629	20		
9	5.3	5.583	20		
10	5.3	5.691	20		
11	5.3	5.261	20		
12	5.3	5.385	20		
13	5.3	5.323	20		
14	5.3	5.67	20		
15	5.3	5.708	20		
16	5.3	5.615	20		
17	5.3	5.666	20		

18	5.3	5.475	20	
19	5.3	5.625	20	
20	5.3	5.563	20	
21	5.3	5.278	20	
22	5.3	5.578	20	
23	5.3	5.719	20	
24	5.3	5.479	20	
25	5.3	5.646	20	
26	5.3	5.558	20	
27	5.3	5.436	20	
28	5.3	5.25	20	
29	5.3	5.7	20	
30	5.3	5.552	20	
31	5.3	5.643	20	
32	5.3	5.424	20	
33	5.3	5.363	20	
34	5.3	5.707	20	
35	5.3	5.503	20	
36	5.3	5.344	20	
37	5.3	5.431	20	
38	5.3	5.713	20	
39	5.3	5.465	20	
40	5.3	5.635	20	
41	5.3	5.325	20	
42	5.3	5.276	20	
43	5.3	5.677	20	
44	5.3	5.42	20	
45	5.3	5.529	20	
46	5.3	5.294	20	*
47	5.3	5.37	20	
48	5.3	5.61	20	
49	5.3	5.485	20	
50	5.3	5.702	20	
51	5.3	5.724	20	
52	5.3	5.564	20	
53	5.3	5.678	20	
54	5.3	5.688	20	
55	5.3	5.544	20	
56	5.3	5.505	20	
57	5.3	5.582	20	
58	5.3	5.506	20	
59	5.3	5.472	20	
60	5.3	5.637	20	
61	5.3	5.288	20	
62	5.3	5.607	20	
63	5.3	5.377	20	
64	5.3	5.498	20	
65	5.3	5.417	20	
66	5.3	5.717	20	
67	5.3	5.574	20	
68	5.3	5.588	20	
69	5.3	5.499	20	
70	5.3	5.455	20	
71	5.3	5.322	20	
72	5.3	5.631	20	
73	5.3	5.473	20	
74	5.3	5.29	20	*

75	5.3	5.689	20		
76	5.3	5.396	20		
77	5.3	5.683	20		
78	5.3	5.327	20		
79	5.3	5.339	20		
80	5.3	5.393	20		
81	5.3	5.252	20		
82	5.3	5.285	20		
83	5.3	5.699	20		
84	5.3	5.627	20		
85	5.3	5.426	20		
86	5.3	5.549	20		
87	5.3	5.628	20		
88	5.3	5.329	20		
89	5.3	5.453	20		
90	5.3	5.446	20		
91	5.3	5.481	20		
92	5.3	5.259	20		
93	5.3	5.57	20		
94	5.3	5.567	20		
95	5.3	5.362	20		
96	5.3	5.356	20		
97	5.3	5.445	20		
98	5.3	5.395	20		
99	5.3	5.388	20		
100	5.3	5.6	20		
Trail 17					
1	5.3	5.311	20		
2	5.3	5.414	20		
3	5.3	5.601	20		
4	5.3	5.314	20		
5	5.3	5.356	20		
6	5.3	5.319	20		
7	5.3	5.511	20		
8	5.3	5.654	20		
9	5.3	5.569	20		
10	5.3	5.493	20		
11	5.3	5.69	20		
12	5.3	5.323	20		
13	5.3	5.643	20		
14	5.3	5.54	20		
15	5.3	5.397	20		
16	5.3	5.389	20		
17	5.3	5.711	20		
18	5.3	5.299	20	*	
19	5.3	5.517	20		
20	5.3	5.507	20		
21	5.3	5.467	20		
22	5.3	5.55	20		
23	5.3	5.518	20		
24	5.3	5.372	20		
25	5.3	5.455	20		
26	5.3	5.433	20		
27	5.3	5.591	20		
28	5.3	5.521	20		
29	5.3	5.632	20		
30	5.3	5.514	20		

31	5.3	5.573	20	
32	5.3	5.715	20	
33	5.3	5.556	20	
34	5.3	5.396	20	
35	5.3	5.486	20	
36	5.3	5.551	20	
37	5.3	5.351	20	
38	5.3	5.539	20	
39	5.3	5.64	20	
40	5.3	5.473	20	
41	5.3	5.655	20	
42	5.3	5.35	20	
43	5.3	5.293	20	*
44	5.3	5.497	20	
45	5.3	5.301	20	*
46	5.3	5.5	20	
47	5.3	5.302	20	*
48	5.3	5.65	20	
49	5.3	5.386	20	
50	5.3	5.366	20	
51	5.3	5.332	20	
52	5.3	5.586	20	
53	5.3	5.602	20	
54	5.3	5.577	20	
55	5.3	5.451	20	
56	5.3	5.673	20	
57	5.3	5.34	20	
58	5.3	5.531	20	
59	5.3	5.537	20	
60	5.3	5.398	20	
61	5.3	5.367	20	
62	5.3	5.502	20	
63	5.3	5.623	20	
64	5.3	5.613	20	
65	5.3	5.585	20	
66	5.3	5.622	20	
67	5.3	5.362	20	
68	5.3	5.631	20	
69	5.3	5.25	20	
70	5.3	5.489	20	
71	5.3	5.466	20	
72	5.3	5.495	20	
73	5.3	5.468	20	
74	5.3	5.574	20	
75	5.3	5.3	20	*
76	5.3	5.656	20	
77	5.3	5.571	20	
78	5.3	5.564	20	
79	5.3	5.259	20	
80	5.3	5.686	20	
81	5.3	5.533	20	
82	5.3	5.438	20	
83	5.3	5.408	20	
84	5.3	5.584	20	
85	5.3	5.439	20	
86	5.3	5.658	20	
87	5.3	5.269	20	

88	5.3	5.291	20	*	
89	5.3	5.636	20		
90	5.3	5.443	20		
91	5.3	5.527	20		
92	5.3	5.508	20		
93	5.3	5.559	20		
94	5.3	5.275	20		
95	5.3	5.51	20		
96	5.3	5.477	20		
97	5.3	5.298	20	*	
98	5.3	5.334	20		
99	5.3	5.337	20		
100	5.3	5.442	20		
Trail 18					
1	5.3	5.652	20		
2	5.3	5.456	20		
3	5.3	5.296	20	*	
4	5.3	5.4	20		
5	5.3	5.463	20		
6	5.3	5.625	20		
7	5.3	5.653	20		
8	5.3	5.34	20		
9	5.3	5.325	20		
10	5.3	5.678	20		
11	5.3	5.619	20		
12	5.3	5.3	20	*	
13	5.3	5.254	20		
14	5.3	5.297	20	*	
15	5.3	5.253	20		
16	5.3	5.667	20		
17	5.3	5.555	20		
18	5.3	5.641	20		
19	5.3	5.565	20		
20	5.3	5.479	20		
21	5.3	5.54	20		
22	5.3	5.344	20		
23	5.3	5.689	20		
24	5.3	5.681	20		
25	5.3	5.265	20		
26	5.3	5.662	20		
27	5.3	5.413	20		
28	5.3	5.601	20		
29	5.3	5.541	20		
30	5.3	5.362	20		
31	5.3	5.498	20		
32	5.3	5.647	20		
33	5.3	5.314	20		
34	5.3	5.679	20		
35	5.3	5.367	20		
36	5.3	5.393	20		
37	5.3	5.375	20		
38	5.3	5.327	20		
39	5.3	5.312	20		
40	5.3	5.305	20	*	
41	5.3	5.397	20		
42	5.3	5.329	20		
43	5.3	5.673	20		

44	5.3	5.286	20	
45	5.3	5.304	20	*
46	5.3	5.701	20	
47	5.3	5.516	20	
48	5.3	5.366	20	
49	5.3	5.712	20	
50	5.3	5.373	20	
51	5.3	5.562	20	
52	5.3	5.593	20	
53	5.3	5.485	20	
54	5.3	5.499	20	
55	5.3	5.321	20	
56	5.3	5.337	20	
57	5.3	5.404	20	
58	5.3	5.637	20	
59	5.3	5.57	20	
60	5.3	5.41	20	
61	5.3	5.255	20	
62	5.3	5.579	20	
63	5.3	5.603	20	
64	5.3	5.391	20	
65	5.3	5.595	20	
66	5.3	5.695	20	
67	5.3	5.334	20	
68	5.3	5.489	20	
69	5.3	5.53	20	
70	5.3	5.716	20	
71	5.3	5.703	20	
72	5.3	5.387	20	
73	5.3	5.71	20	
74	5.3	5.276	20	
75	5.3	5.643	20	
76	5.3	5.582	20	
77	5.3	5.624	20	
78	5.3	5.332	20	
79	5.3	5.31	20	*
80	5.3	5.39	20	
81	5.3	5.66	20	
82	5.3	5.682	20	
83	5.3	5.665	20	
84	5.3	5.588	20	
85	5.3	5.424	20	
86	5.3	5.287	20	
87	5.3	5.466	20	
88	5.3	5.29	20	*
89	5.3	5.632	20	
90	5.3	5.298	20	*
91	5.3	5.27	20	
92	5.3	5.611	20	
93	5.3	5.724	20	
94	5.3	5.719	20	
95	5.3	5.589	20	
96	5.3	5.539	20	
97	5.3	5.452	20	
98	5.3	5.483	20	
99	5.3	5.613	20	
100	5.3	5.488	20	

Trail 19					
1	5.3	5.556	20		
2	5.3	5.516	20		
3	5.3	5.464	20		
4	5.3	5.35	20		
5	5.3	5.482	20		
6	5.3	5.415	20		
7	5.3	5.296	20	*	
8	5.3	5.375	20		
9	5.3	5.658	20		
10	5.3	5.521	20		
11	5.3	5.679	20		
12	5.3	5.53	20		
13	5.3	5.659	20		
14	5.3	5.315	20		
15	5.3	5.553	20		
16	5.3	5.525	20		
17	5.3	5.544	20		
18	5.3	5.503	20		
19	5.3	5.69	20		
20	5.3	5.625	20		
21	5.3	5.675	20		
22	5.3	5.606	20		
23	5.3	5.688	20		
24	5.3	5.603	20		
25	5.3	5.435	20		
26	5.3	5.267	20		
27	5.3	5.367	20		
28	5.3	5.531	20		
29	5.3	5.551	20		
30	5.3	5.412	20		
31	5.3	5.473	20		
32	5.3	5.674	20		
33	5.3	5.716	20		
34	5.3	5.583	20		
35	5.3	5.255	20		
36	5.3	5.705	20		
37	5.3	5.402	20		
38	5.3	5.7	20		
39	5.3	5.587	20		
40	5.3	5.386	20		
41	5.3	5.577	20		
42	5.3	5.55	20		
43	5.3	5.392	20		
44	5.3	5.442	20		
45	5.3	5.572	20		
46	5.3	5.522	20		
47	5.3	5.426	20		
48	5.3	5.569	20		
49	5.3	5.564	20		
50	5.3	5.448	20		
51	5.3	5.549	20		
52	5.3	5.306	20	*	
53	5.3	5.463	20		
54	5.3	5.365	20		
55	5.3	5.254	20		
56	5.3	5.59	20		

57	5.3	5.651	20		
58	5.3	5.722	20		
59	5.3	5.552	20		
60	5.3	5.602	20		
61	5.3	5.488	20		
62	5.3	5.631	20		
63	5.3	5.696	20		
64	5.3	5.305	20	*	
65	5.3	5.312	20		
66	5.3	5.649	20		
67	5.3	5.681	20		
68	5.3	5.594	20		
69	5.3	5.275	20		
70	5.3	5.589	20		
71	5.3	5.641	20		
72	5.3	5.447	20		
73	5.3	5.34	20		
74	5.3	5.476	20		
75	5.3	5.388	20		
76	5.3	5.475	20		
77	5.3	5.494	20		
78	5.3	5.379	20		
79	5.3	5.614	20		
80	5.3	5.311	20		
81	5.3	5.546	20		
82	5.3	5.458	20		
83	5.3	5.519	20		
84	5.3	5.337	20		
85	5.3	5.44	20		
86	5.3	5.529	20		
87	5.3	5.617	20		
88	5.3	5.351	20		
89	5.3	5.593	20		
90	5.3	5.253	20		
91	5.3	5.608	20		
92	5.3	5.664	20		
93	5.3	5.356	20		
94	5.3	5.309	20	*	
95	5.3	5.269	20		
96	5.3	5.411	20		
97	5.3	5.325	20		
98	5.3	5.416	20		
99	5.3	5.597	20		
100	5.3	5.32	20		
Trail 20					
1	5.3	5.464	20		
2	5.3	5.396	20		
3	5.3	5.26	20		
4	5.3	5.499	20		
5	5.3	5.374	20		
6	5.3	5.571	20		
7	5.3	5.268	20		
8	5.3	5.361	20		
9	5.3	5.479	20		
10	5.3	5.512	20		
11	5.3	5.325	20		
12	5.3	5.475	20		

13	5.3	5.669	20	
14	5.3	5.265	20	
15	5.3	5.394	20	
16	5.3	5.266	20	
17	5.3	5.322	20	
18	5.3	5.291	20	*
19	5.3	5.615	20	
20	5.3	5.353	20	
21	5.3	5.427	20	
22	5.3	5.722	20	
23	5.3	5.523	20	
24	5.3	5.517	20	
25	5.3	5.367	20	
26	5.3	5.547	20	
27	5.3	5.666	20	
28	5.3	5.529	20	
29	5.3	5.533	20	
30	5.3	5.651	20	
31	5.3	5.664	20	
32	5.3	5.435	20	
33	5.3	5.711	20	
34	5.3	5.447	20	
35	5.3	5.716	20	
36	5.3	5.554	20	
37	5.3	5.647	20	
38	5.3	5.54	20	
39	5.3	5.288	20	
40	5.3	5.641	20	
41	5.3	5.549	20	
42	5.3	5.573	20	
43	5.3	5.643	20	
44	5.3	5.302	20	*
45	5.3	5.41	20	
46	5.3	5.638	20	
47	5.3	5.661	20	
48	5.3	5.272	20	
49	5.3	5.387	20	
50	5.3	5.514	20	
51	5.3	5.335	20	
52	5.3	5.373	20	
53	5.3	5.393	20	
54	5.3	5.473	20	
55	5.3	5.645	20	
56	5.3	5.409	20	
57	5.3	5.708	20	
58	5.3	5.717	20	
59	5.3	5.355	20	
60	5.3	5.558	20	
61	5.3	5.6	20	
62	5.3	5.583	20	
63	5.3	5.614	20	
64	5.3	5.305	20	*
65	5.3	5.513	20	
66	5.3	5.336	20	
67	5.3	5.298	20	*
68	5.3	5.406	20	
69	5.3	5.324	20	

70	5.3	5.273	20		
71	5.3	5.286	20		
72	5.3	5.655	20		
73	5.3	5.627	20		
74	5.3	5.724	20		
75	5.3	5.685	20		
76	5.3	5.434	20		
77	5.3	5.259	20		
78	5.3	5.721	20		
79	5.3	5.709	20		
80	5.3	5.555	20		
81	5.3	5.556	20		
82	5.3	5.699	20		
83	5.3	5.7	20		
84	5.3	5.32	20		
85	5.3	5.297	20	*	
86	5.3	5.672	20		
87	5.3	5.658	20		
88	5.3	5.45	20		
89	5.3	5.456	20		
90	5.3	5.402	20		
91	5.3	5.662	20		
92	5.3	5.48	20		
93	5.3	5.262	20		
94	5.3	5.494	20		
95	5.3	5.465	20		
96	5.3	5.718	20		
97	5.3	5.582	20		
98	5.3	5.339	20		
99	5.3	5.261	20		
100	5.3	5.42	20		
Trail 21					
1	5.3	5.354	20		
2	5.3	5.625	20		
3	5.3	5.38	20		
4	5.3	5.323	20		
5	5.3	5.365	20		
6	5.3	5.416	20		
7	5.3	5.306	20	*	
8	5.3	5.304	20	*	
9	5.3	5.497	20		
10	5.3	5.258	20		
11	5.3	5.399	20		
12	5.3	5.687	20		
13	5.3	5.633	20		
14	5.3	5.359	20		
15	5.3	5.373	20		
16	5.3	5.556	20		
17	5.3	5.26	20		
18	5.3	5.718	20		
19	5.3	5.653	20		
20	5.3	5.59	20		
21	5.3	5.689	20		
22	5.3	5.607	20		
23	5.3	5.523	20		
24	5.3	5.462	20		
25	5.3	5.279	20		

26	5.3	5.336	20	
27	5.3	5.652	20	
28	5.3	5.621	20	
29	5.3	5.268	20	
30	5.3	5.507	20	
31	5.3	5.434	20	
32	5.3	5.475	20	
33	5.3	5.418	20	
34	5.3	5.312	20	
35	5.3	5.706	20	
36	5.3	5.305	20	*
37	5.3	5.385	20	
38	5.3	5.46	20	
39	5.3	5.39	20	
40	5.3	5.677	20	
41	5.3	5.328	20	
42	5.3	5.492	20	
43	5.3	5.7	20	
44	5.3	5.362	20	
45	5.3	5.29	20	*
46	5.3	5.723	20	
47	5.3	5.648	20	
48	5.3	5.644	20	
49	5.3	5.519	20	
50	5.3	5.407	20	
51	5.3	5.254	20	
52	5.3	5.281	20	
53	5.3	5.566	20	
54	5.3	5.344	20	
55	5.3	5.671	20	
56	5.3	5.72	20	
57	5.3	5.419	20	
58	5.3	5.444	20	
59	5.3	5.685	20	
60	5.3	5.474	20	
61	5.3	5.712	20	
62	5.3	5.339	20	
63	5.3	5.257	20	
64	5.3	5.64	20	
65	5.3	5.465	20	
66	5.3	5.356	20	
67	5.3	5.411	20	
68	5.3	5.543	20	
69	5.3	5.349	20	
70	5.3	5.302	20	*
71	5.3	5.42	20	
72	5.3	5.549	20	
73	5.3	5.531	20	
74	5.3	5.409	20	
75	5.3	5.408	20	
76	5.3	5.637	20	
77	5.3	5.368	20	
78	5.3	5.489	20	
79	5.3	5.476	20	
80	5.3	5.252	20	
81	5.3	5.451	20	
82	5.3	5.295	20	*

83	5.3	5.311	20		
84	5.3	5.28	20		
85	5.3	5.631	20		
86	5.3	5.389	20		
87	5.3	5.656	20		
88	5.3	5.608	20		
89	5.3	5.525	20		
90	5.3	5.508	20		
91	5.3	5.309	20	*	
92	5.3	5.614	20		
93	5.3	5.348	20		
94	5.3	5.287	20		
95	5.3	5.626	20		
96	5.3	5.398	20		
97	5.3	5.277	20		
98	5.3	5.575	20		
99	5.3	5.376	20		
100	5.3	5.717	20		
Trail 22					
1	5.3	5.291	20	*	
2	5.3	5.343	20		
3	5.3	5.517	20		
4	5.3	5.319	20		
5	5.3	5.641	20		
6	5.3	5.604	20		
7	5.3	5.417	20		
8	5.3	5.333	20		
9	5.3	5.715	20		
10	5.3	5.405	20		
11	5.3	5.581	20		
12	5.3	5.72	20		
13	5.3	5.336	20		
14	5.3	5.647	20		
15	5.3	5.506	20		
16	5.3	5.553	20		
17	5.3	5.327	20		
18	5.3	5.397	20		
19	5.3	5.492	20		
20	5.3	5.311	20		
21	5.3	5.256	20		
22	5.3	5.595	20		
23	5.3	5.561	20		
24	5.3	5.43	20		
25	5.3	5.679	20		
26	5.3	5.304	20	*	
27	5.3	5.613	20		
28	5.3	5.575	20		
29	5.3	5.527	20		
30	5.3	5.723	20		
31	5.3	5.636	20		
32	5.3	5.434	20		
33	5.3	5.366	20		
34	5.3	5.275	20		
35	5.3	5.544	20		
36	5.3	5.585	20		
37	5.3	5.65	20		
38	5.3	5.64	20		

39	5.3	5.324	20	
40	5.3	5.598	20	
41	5.3	5.393	20	
42	5.3	5.431	20	
43	5.3	5.347	20	
44	5.3	5.416	20	
45	5.3	5.404	20	
46	5.3	5.285	20	
47	5.3	5.532	20	
48	5.3	5.555	20	
49	5.3	5.638	20	
50	5.3	5.668	20	
51	5.3	5.384	20	
52	5.3	5.418	20	
53	5.3	5.488	20	
54	5.3	5.44	20	
55	5.3	5.408	20	
56	5.3	5.42	20	
57	5.3	5.269	20	
58	5.3	5.389	20	
59	5.3	5.593	20	
60	5.3	5.455	20	
61	5.3	5.611	20	
62	5.3	5.352	20	
63	5.3	5.425	20	
64	5.3	5.276	20	
65	5.3	5.271	20	
66	5.3	5.259	20	
67	5.3	5.284	20	
68	5.3	5.482	20	
69	5.3	5.712	20	
70	5.3	5.25	20	
71	5.3	5.626	20	
72	5.3	5.583	20	
73	5.3	5.622	20	
74	5.3	5.489	20	
75	5.3	5.631	20	
76	5.3	5.395	20	
77	5.3	5.618	20	
78	5.3	5.436	20	
79	5.3	5.569	20	
80	5.3	5.535	20	
81	5.3	5.337	20	
82	5.3	5.643	20	
83	5.3	5.299	20	*
84	5.3	5.545	20	
85	5.3	5.294	20	*
86	5.3	5.476	20	
87	5.3	5.406	20	
88	5.3	5.652	20	
89	5.3	5.305	20	*
90	5.3	5.518	20	
91	5.3	5.309	20	*
92	5.3	5.268	20	
93	5.3	5.36	20	
94	5.3	5.698	20	
95	5.3	5.654	20	

96	5.3	5.635	20		
97	5.3	5.606	20		
98	5.3	5.344	20		
99	5.3	5.399	20		
100	5.3	5.278	20		
Trail 23					
1	5.3	5.345	20		
2	5.3	5.432	20		
3	5.3	5.724	20		
4	5.3	5.349	20		
5	5.3	5.364	20		
6	5.3	5.309	20	*	
7	5.3	5.688	20		
8	5.3	5.271	20		
9	5.3	5.489	20		
10	5.3	5.573	20		
11	5.3	5.7	20		
12	5.3	5.703	20		
13	5.3	5.694	20		
14	5.3	5.625	20		
15	5.3	5.69	20		
16	5.3	5.481	20		
17	5.3	5.277	20		
18	5.3	5.514	20		
19	5.3	5.677	20		
20	5.3	5.712	20		
21	5.3	5.437	20		
22	5.3	5.464	20		
23	5.3	5.513	20		
24	5.3	5.397	20		
25	5.3	5.606	20		
26	5.3	5.6	20		
27	5.3	5.412	20		
28	5.3	5.671	20		
29	5.3	5.428	20		
30	5.3	5.39	20		
31	5.3	5.681	20		
32	5.3	5.612	20		
33	5.3	5.662	20		
34	5.3	5.567	20		
35	5.3	5.581	20		
36	5.3	5.307	20	*	
37	5.3	5.388	20		
38	5.3	5.421	20		
39	5.3	5.265	20		
40	5.3	5.387	20		
41	5.3	5.473	20		
42	5.3	5.656	20		
43	5.3	5.593	20		
44	5.3	5.368	20		
45	5.3	5.283	20		
46	5.3	5.288	20		
47	5.3	5.568	20		
48	5.3	5.496	20		
49	5.3	5.555	20		
50	5.3	5.637	20		
51	5.3	5.696	20		

52	5.3	5.674	20		
53	5.3	5.38	20		
54	5.3	5.682	20		
55	5.3	5.647	20		
56	5.3	5.505	20		
57	5.3	5.382	20		
58	5.3	5.279	20		
59	5.3	5.683	20		
60	5.3	5.441	20		
61	5.3	5.376	20		
62	5.3	5.601	20		
63	5.3	5.608	20		
64	5.3	5.391	20		
65	5.3	5.435	20		
66	5.3	5.308	20	*	
67	5.3	5.641	20		
68	5.3	5.378	20		
69	5.3	5.599	20		
70	5.3	5.508	20		
71	5.3	5.533	20		
72	5.3	5.65	20		
73	5.3	5.41	20		
74	5.3	5.424	20		
75	5.3	5.621	20		
76	5.3	5.425	20		
77	5.3	5.433	20		
78	5.3	5.325	20		
79	5.3	5.597	20		
80	5.3	5.67	20		
81	5.3	5.273	20		
82	5.3	5.545	20		
83	5.3	5.548	20		
84	5.3	5.363	20		
85	5.3	5.318	20		
86	5.3	5.592	20		
87	5.3	5.394	20		
88	5.3	5.623	20		
89	5.3	5.479	20		
90	5.3	5.595	20		
91	5.3	5.343	20		
92	5.3	5.653	20		
93	5.3	5.71	20		
94	5.3	5.386	20		
95	5.3	5.633	20		
96	5.3	5.583	20		
97	5.3	5.274	20		
98	5.3	5.62	20		
99	5.3	5.634	20		
100	5.3	5.718	20		
Trail 24					
1	5.3	5.523	20		
2	5.3	5.289	20		
3	5.3	5.517	20		
4	5.3	5.399	20		
5	5.3	5.542	20		
6	5.3	5.543	20		
7	5.3	5.522	20		

8	5.3	5.342	20	
9	5.3	5.669	20	
10	5.3	5.628	20	
11	5.3	5.299	20	*
12	5.3	5.497	20	
13	5.3	5.672	20	
14	5.3	5.724	20	
15	5.3	5.63	20	
16	5.3	5.64	20	
17	5.3	5.428	20	
18	5.3	5.442	20	
19	5.3	5.535	20	
20	5.3	5.377	20	
21	5.3	5.374	20	
22	5.3	5.319	20	
23	5.3	5.466	20	
24	5.3	5.383	20	
25	5.3	5.361	20	
26	5.3	5.593	20	
27	5.3	5.435	20	
28	5.3	5.652	20	
29	5.3	5.541	20	
30	5.3	5.492	20	
31	5.3	5.611	20	
32	5.3	5.343	20	
33	5.3	5.268	20	
34	5.3	5.534	20	
35	5.3	5.551	20	
36	5.3	5.647	20	
37	5.3	5.521	20	
38	5.3	5.426	20	
39	5.3	5.396	20	
40	5.3	5.658	20	
41	5.3	5.621	20	
42	5.3	5.321	20	
43	5.3	5.597	20	
44	5.3	5.485	20	
45	5.3	5.404	20	
46	5.3	5.701	20	
47	5.3	5.332	20	
48	5.3	5.575	20	
49	5.3	5.333	20	
50	5.3	5.31	20	*
51	5.3	5.538	20	
52	5.3	5.481	20	
53	5.3	5.722	20	
54	5.3	5.375	20	
55	5.3	5.348	20	
56	5.3	5.42	20	
57	5.3	5.437	20	
58	5.3	5.407	20	
59	5.3	5.513	20	
60	5.3	5.291	20	*
61	5.3	5.59	20	
62	5.3	5.588	20	
63	5.3	5.363	20	
64	5.3	5.478	20	

65	5.3	5.639	20		
66	5.3	5.563	20		
67	5.3	5.553	20		
68	5.3	5.612	20		
69	5.3	5.509	20		
70	5.3	5.529	20		
71	5.3	5.257	20		
72	5.3	5.341	20		
73	5.3	5.434	20		
74	5.3	5.519	20		
75	5.3	5.27	20		
76	5.3	5.454	20		
77	5.3	5.275	20		
78	5.3	5.506	20		
79	5.3	5.71	20		
80	5.3	5.656	20		
81	5.3	5.623	20		
82	5.3	5.465	20		
83	5.3	5.584	20		
84	5.3	5.314	20		
85	5.3	5.369	20		
86	5.3	5.423	20		
87	5.3	5.539	20		
88	5.3	5.627	20		
89	5.3	5.657	20		
90	5.3	5.446	20		
91	5.3	5.339	20		
92	5.3	5.458	20		
93	5.3	5.632	20		
94	5.3	5.469	20		
95	5.3	5.283	20		
96	5.3	5.564	20		
97	5.3	5.512	20		
98	5.3	5.714	20		
99	5.3	5.254	20		
100	5.3	5.664	20		
Trail 25					
1	5.3	5.557	20		
2	5.3	5.584	20		
3	5.3	5.278	20		
4	5.3	5.465	20		
5	5.3	5.688	20		
6	5.3	5.717	20		
7	5.3	5.361	20		
8	5.3	5.72	20		
9	5.3	5.423	20		
10	5.3	5.718	20		
11	5.3	5.621	20		
12	5.3	5.392	20		
13	5.3	5.639	20		
14	5.3	5.298	20	*	
15	5.3	5.398	20		
16	5.3	5.267	20		
17	5.3	5.251	20		
18	5.3	5.676	20		
19	5.3	5.39	20		
20	5.3	5.308	20	*	

21	5.3	5.697	20	
22	5.3	5.495	20	
23	5.3	5.546	20	
24	5.3	5.689	20	
25	5.3	5.372	20	
26	5.3	5.638	20	
27	5.3	5.568	20	
28	5.3	5.721	20	
29	5.3	5.561	20	
30	5.3	5.28	20	
31	5.3	5.305	20	*
32	5.3	5.651	20	
33	5.3	5.616	20	
34	5.3	5.614	20	
35	5.3	5.312	20	
36	5.3	5.708	20	
37	5.3	5.625	20	
38	5.3	5.426	20	
39	5.3	5.558	20	
40	5.3	5.385	20	
41	5.3	5.387	20	
42	5.3	5.524	20	
43	5.3	5.31	20	*
44	5.3	5.716	20	
45	5.3	5.296	20	*
46	5.3	5.567	20	
47	5.3	5.287	20	
48	5.3	5.37	20	
49	5.3	5.415	20	
50	5.3	5.294	20	*
51	5.3	5.476	20	
52	5.3	5.256	20	
53	5.3	5.663	20	
54	5.3	5.636	20	
55	5.3	5.344	20	
56	5.3	5.353	20	
57	5.3	5.573	20	
58	5.3	5.445	20	
59	5.3	5.7	20	
60	5.3	5.585	20	
61	5.3	5.293	20	*
62	5.3	5.516	20	
63	5.3	5.442	20	
64	5.3	5.542	20	
65	5.3	5.479	20	
66	5.3	5.649	20	
67	5.3	5.487	20	
68	5.3	5.598	20	
69	5.3	5.366	20	
70	5.3	5.486	20	
71	5.3	5.283	20	
72	5.3	5.369	20	
73	5.3	5.693	20	
74	5.3	5.702	20	
75	5.3	5.478	20	
76	5.3	5.468	20	
77	5.3	5.264	20	

78	5.3	5.497	20		
79	5.3	5.551	20		
80	5.3	5.416	20		
81	5.3	5.47	20		
82	5.3	5.543	20		
83	5.3	5.311	20		
84	5.3	5.285	20		
85	5.3	5.402	20		
86	5.3	5.306	20	*	
87	5.3	5.447	20		
88	5.3	5.506	20		
89	5.3	5.252	20		
90	5.3	5.393	20		
91	5.3	5.352	20		
92	5.3	5.556	20		
93	5.3	5.641	20		
94	5.3	5.333	20		
95	5.3	5.33	20		
96	5.3	5.336	20		
97	5.3	5.528	20		
98	5.3	5.633	20		
99	5.3	5.365	20		
100	5.3	5.286	20		
Trail 26					
1	5.3	5.71	20		
2	5.3	5.429	20		
3	5.3	5.435	20		
4	5.3	5.414	20		
5	5.3	5.28	20		
6	5.3	5.636	20		
7	5.3	5.714	20		
8	5.3	5.343	20		
9	5.3	5.324	20		
10	5.3	5.674	20		
11	5.3	5.383	20		
12	5.3	5.425	20		
13	5.3	5.703	20		
14	5.3	5.489	20		
15	5.3	5.449	20		
16	5.3	5.617	20		
17	5.3	5.262	20		
18	5.3	5.479	20		
19	5.3	5.432	20		
20	5.3	5.42	20		
21	5.3	5.412	20		
22	5.3	5.593	20		
23	5.3	5.326	20		
24	5.3	5.361	20		
25	5.3	5.694	20		
26	5.3	5.274	20		
27	5.3	5.721	20		
28	5.3	5.623	20		
29	5.3	5.289	20		
30	5.3	5.571	20		
31	5.3	5.458	20		
32	5.3	5.525	20		
33	5.3	5.564	20		

34	5.3	5.672	20	
35	5.3	5.447	20	
36	5.3	5.443	20	
37	5.3	5.591	20	
38	5.3	5.315	20	
39	5.3	5.629	20	
40	5.3	5.668	20	
41	5.3	5.37	20	
42	5.3	5.339	20	
43	5.3	5.379	20	
44	5.3	5.692	20	
45	5.3	5.504	20	
46	5.3	5.66	20	
47	5.3	5.377	20	
48	5.3	5.58	20	
49	5.3	5.347	20	
50	5.3	5.331	20	
51	5.3	5.358	20	
52	5.3	5.487	20	
53	5.3	5.642	20	
54	5.3	5.62	20	
55	5.3	5.57	20	
56	5.3	5.64	20	
57	5.3	5.609	20	
58	5.3	5.523	20	
59	5.3	5.268	20	
60	5.3	5.306	20	*
61	5.3	5.546	20	
62	5.3	5.543	20	
63	5.3	5.644	20	
64	5.3	5.649	20	
65	5.3	5.372	20	
66	5.3	5.367	20	
67	5.3	5.399	20	
68	5.3	5.332	20	
69	5.3	5.359	20	
70	5.3	5.446	20	
71	5.3	5.724	20	
72	5.3	5.257	20	
73	5.3	5.631	20	
74	5.3	5.637	20	
75	5.3	5.349	20	
76	5.3	5.316	20	
77	5.3	5.6	20	
78	5.3	5.308	20	*
79	5.3	5.419	20	
80	5.3	5.572	20	
81	5.3	5.646	20	
82	5.3	5.396	20	
83	5.3	5.635	20	
84	5.3	5.285	20	
85	5.3	5.683	20	
86	5.3	5.505	20	
87	5.3	5.539	20	
88	5.3	5.38	20	
89	5.3	5.382	20	
90	5.3	5.534	20	

91	5.3	5.264	20		
92	5.3	5.687	20		
93	5.3	5.307	20	*	
94	5.3	5.702	20		
95	5.3	5.499	20		
96	5.3	5.402	20		
97	5.3	5.666	20		
98	5.3	5.355	20		
99	5.3	5.599	20		
100	5.3	5.493	20		
Trail 27					
1	5.3	5.418	20		
2	5.3	5.67	20		
3	5.3	5.39	20		
4	5.3	5.302	20	*	
5	5.3	5.64	20		
6	5.3	5.506	20		
7	5.3	5.703	20		
8	5.3	5.283	20		
9	5.3	5.53	20		
10	5.3	5.46	20		
11	5.3	5.581	20		
12	5.3	5.477	20		
13	5.3	5.588	20		
14	5.3	5.425	20		
15	5.3	5.4	20		
16	5.3	5.252	20		
17	5.3	5.481	20		
18	5.3	5.707	20		
19	5.3	5.264	20		
20	5.3	5.511	20		
21	5.3	5.712	20		
22	5.3	5.699	20		
23	5.3	5.344	20		
24	5.3	5.327	20		
25	5.3	5.49	20		
26	5.3	5.636	20		
27	5.3	5.642	20		
28	5.3	5.561	20		
29	5.3	5.529	20		
30	5.3	5.517	20		
31	5.3	5.278	20		
32	5.3	5.626	20		
33	5.3	5.578	20		
34	5.3	5.65	20		
35	5.3	5.436	20		
36	5.3	5.329	20		
37	5.3	5.627	20		
38	5.3	5.69	20		
39	5.3	5.367	20		
40	5.3	5.623	20		
41	5.3	5.395	20		
42	5.3	5.574	20		
43	5.3	5.396	20		
44	5.3	5.272	20		
45	5.3	5.595	20		
46	5.3	5.445	20		

47	5.3	5.444	20		
48	5.3	5.34	20		
49	5.3	5.599	20		
50	5.3	5.499	20		
51	5.3	5.258	20		
52	5.3	5.689	20		
53	5.3	5.282	20		
54	5.3	5.275	20		
55	5.3	5.617	20		
56	5.3	5.361	20		
57	5.3	5.71	20		
58	5.3	5.497	20		
59	5.3	5.55	20		
60	5.3	5.414	20		
61	5.3	5.453	20		
62	5.3	5.315	20		
63	5.3	5.687	20		
64	5.3	5.342	20		
65	5.3	5.311	20		
66	5.3	5.31	20	*	
67	5.3	5.402	20		
68	5.3	5.475	20		
69	5.3	5.493	20		
70	5.3	5.446	20		
71	5.3	5.673	20		
72	5.3	5.681	20		
73	5.3	5.463	20		
74	5.3	5.696	20		
75	5.3	5.559	20		
76	5.3	5.576	20		
77	5.3	5.317	20		
78	5.3	5.667	20		
79	5.3	5.659	20		
80	5.3	5.633	20		
81	5.3	5.401	20		
82	5.3	5.598	20		
83	5.3	5.492	20		
84	5.3	5.586	20		
85	5.3	5.319	20		
86	5.3	5.431	20		
87	5.3	5.389	20		
88	5.3	5.555	20		
89	5.3	5.528	20		
90	5.3	5.354	20		
91	5.3	5.35	20		
92	5.3	5.537	20		
93	5.3	5.427	20		
94	5.3	5.644	20		
95	5.3	5.291	20	*	
96	5.3	5.518	20		
97	5.3	5.545	20		
98	5.3	5.449	20		
99	5.3	5.25	20		
100	5.3	5.657	20		
Trail 28					
1	5.3	5.445	20		
2	5.3	5.655	20		

3	5.3	5.321	20	
4	5.3	5.492	20	
5	5.3	5.29	20	*
6	5.3	5.518	20	
7	5.3	5.616	20	
8	5.3	5.526	20	
9	5.3	5.341	20	
10	5.3	5.293	20	*
11	5.3	5.609	20	
12	5.3	5.49	20	
13	5.3	5.615	20	
14	5.3	5.332	20	
15	5.3	5.718	20	
16	5.3	5.286	20	
17	5.3	5.457	20	
18	5.3	5.706	20	
19	5.3	5.67	20	
20	5.3	5.32	20	
21	5.3	5.357	20	
22	5.3	5.436	20	
23	5.3	5.527	20	
24	5.3	5.275	20	
25	5.3	5.426	20	
26	5.3	5.719	20	
27	5.3	5.512	20	
28	5.3	5.297	20	*
29	5.3	5.429	20	
30	5.3	5.573	20	
31	5.3	5.379	20	
32	5.3	5.371	20	
33	5.3	5.515	20	
34	5.3	5.319	20	
35	5.3	5.652	20	
36	5.3	5.415	20	
37	5.3	5.504	20	
38	5.3	5.339	20	
39	5.3	5.39	20	
40	5.3	5.61	20	
41	5.3	5.308	20	*
42	5.3	5.634	20	
43	5.3	5.325	20	
44	5.3	5.692	20	
45	5.3	5.3	20	*
46	5.3	5.525	20	
47	5.3	5.544	20	
48	5.3	5.53	20	
49	5.3	5.471	20	
50	5.3	5.412	20	
51	5.3	5.37	20	
52	5.3	5.705	20	
53	5.3	5.564	20	
54	5.3	5.714	20	
55	5.3	5.514	20	
56	5.3	5.251	20	
57	5.3	5.565	20	
58	5.3	5.701	20	
59	5.3	5.447	20	

60	5.3	5.413	20		
61	5.3	5.489	20		
62	5.3	5.314	20		
63	5.3	5.454	20		
64	5.3	5.58	20		
65	5.3	5.369	20		
66	5.3	5.373	20		
67	5.3	5.622	20		
68	5.3	5.463	20		
69	5.3	5.693	20		
70	5.3	5.586	20		
71	5.3	5.389	20		
72	5.3	5.278	20		
73	5.3	5.541	20		
74	5.3	5.405	20		
75	5.3	5.4	20		
76	5.3	5.657	20		
77	5.3	5.699	20		
78	5.3	5.35	20		
79	5.3	5.359	20		
80	5.3	5.537	20		
81	5.3	5.423	20		
82	5.3	5.687	20		
83	5.3	5.601	20		
84	5.3	5.266	20		
85	5.3	5.358	20		
86	5.3	5.306	20	*	
87	5.3	5.365	20		
88	5.3	5.438	20		
89	5.3	5.6	20		
90	5.3	5.474	20		
91	5.3	5.711	20		
92	5.3	5.54	20		
93	5.3	5.704	20		
94	5.3	5.557	20		
95	5.3	5.268	20		
96	5.3	5.675	20		
97	5.3	5.433	20		
98	5.3	5.312	20		
99	5.3	5.401	20		
100	5.3	5.287	20		
Trail 29					
1	5.3	5.569	20		
2	5.3	5.526	20		
3	5.3	5.623	20		
4	5.3	5.426	20		
5	5.3	5.381	20		
6	5.3	5.441	20		
7	5.3	5.439	20		
8	5.3	5.682	20		
9	5.3	5.263	20		
10	5.3	5.47	20		
11	5.3	5.511	20		
12	5.3	5.379	20		
13	5.3	5.265	20		
14	5.3	5.364	20		
15	5.3	5.451	20		

16	5.3	5.65	20	
17	5.3	5.301	20	*
18	5.3	5.72	20	
19	5.3	5.719	20	
20	5.3	5.421	20	
21	5.3	5.561	20	
22	5.3	5.314	20	
23	5.3	5.355	20	
24	5.3	5.368	20	
25	5.3	5.685	20	
26	5.3	5.627	20	
27	5.3	5.366	20	
28	5.3	5.524	20	
29	5.3	5.645	20	
30	5.3	5.498	20	
31	5.3	5.692	20	
32	5.3	5.587	20	
33	5.3	5.329	20	
34	5.3	5.556	20	
35	5.3	5.287	20	
36	5.3	5.34	20	
37	5.3	5.309	20	*
38	5.3	5.454	20	
39	5.3	5.633	20	
40	5.3	5.655	20	
41	5.3	5.48	20	
42	5.3	5.573	20	
43	5.3	5.634	20	
44	5.3	5.566	20	
45	5.3	5.298	20	*
46	5.3	5.317	20	
47	5.3	5.388	20	
48	5.3	5.385	20	
49	5.3	5.666	20	
50	5.3	5.371	20	
51	5.3	5.473	20	
52	5.3	5.504	20	
53	5.3	5.528	20	
54	5.3	5.628	20	
55	5.3	5.574	20	
56	5.3	5.718	20	
57	5.3	5.509	20	
58	5.3	5.386	20	
59	5.3	5.501	20	
60	5.3	5.412	20	
61	5.3	5.255	20	
62	5.3	5.455	20	
63	5.3	5.349	20	
64	5.3	5.619	20	
65	5.3	5.271	20	
66	5.3	5.42	20	
67	5.3	5.489	20	
68	5.3	5.709	20	
69	5.3	5.361	20	
70	5.3	5.422	20	
71	5.3	5.66	20	
72	5.3	5.264	20	

73	5.3	5.647	20		
74	5.3	5.321	20		
75	5.3	5.542	20		
76	5.3	5.424	20		
77	5.3	5.414	20		
78	5.3	5.288	20		
79	5.3	5.35	20		
80	5.3	5.275	20		
81	5.3	5.471	20		
82	5.3	5.333	20		
83	5.3	5.507	20		
84	5.3	5.715	20		
85	5.3	5.358	20		
86	5.3	5.638	20		
87	5.3	5.585	20		
88	5.3	5.359	20		
89	5.3	5.562	20		
90	5.3	5.482	20		
91	5.3	5.697	20		
92	5.3	5.256	20		
93	5.3	5.304	20	*	
94	5.3	5.413	20		
95	5.3	5.53	20		
96	5.3	5.531	20		
97	5.3	5.505	20		
98	5.3	5.514	20		
99	5.3	5.493	20		
100	5.3	5.653	20		
Trail 30					
1	5.3	5.633	20		
2	5.3	5.372	20		
3	5.3	5.671	20		
4	5.3	5.314	20		
5	5.3	5.623	20		
6	5.3	5.289	20		
7	5.3	5.255	20		
8	5.3	5.436	20		
9	5.3	5.28	20		
10	5.3	5.654	20		
11	5.3	5.708	20		
12	5.3	5.323	20		
13	5.3	5.41	20		
14	5.3	5.67	20		
15	5.3	5.437	20		
16	5.3	5.502	20		
17	5.3	5.315	20		
18	5.3	5.536	20		
19	5.3	5.607	20		
20	5.3	5.387	20		
21	5.3	5.449	20		
22	5.3	5.439	20		
23	5.3	5.252	20		
24	5.3	5.626	20		
25	5.3	5.499	20		
26	5.3	5.604	20		
27	5.3	5.683	20		
28	5.3	5.584	20		

29	5.3	5.294	20	*
30	5.3	5.392	20	
31	5.3	5.552	20	
32	5.3	5.597	20	
33	5.3	5.555	20	
34	5.3	5.721	20	
35	5.3	5.318	20	
36	5.3	5.293	20	*
37	5.3	5.509	20	
38	5.3	5.495	20	
39	5.3	5.35	20	
40	5.3	5.712	20	
41	5.3	5.287	20	
42	5.3	5.692	20	
43	5.3	5.45	20	
44	5.3	5.386	20	
45	5.3	5.718	20	
46	5.3	5.395	20	
47	5.3	5.561	20	
48	5.3	5.44	20	
49	5.3	5.329	20	
50	5.3	5.36	20	
51	5.3	5.414	20	
52	5.3	5.46	20	
53	5.3	5.722	20	
54	5.3	5.324	20	
55	5.3	5.408	20	
56	5.3	5.659	20	
57	5.3	5.415	20	
58	5.3	5.425	20	
59	5.3	5.278	20	
60	5.3	5.641	20	
61	5.3	5.557	20	
62	5.3	5.679	20	
63	5.3	5.275	20	
64	5.3	5.463	20	
65	5.3	5.533	20	
66	5.3	5.429	20	
67	5.3	5.487	20	
68	5.3	5.616	20	
69	5.3	5.457	20	
70	5.3	5.713	20	
71	5.3	5.549	20	
72	5.3	5.426	20	
73	5.3	5.55	20	
74	5.3	5.676	20	
75	5.3	5.688	20	
76	5.3	5.259	20	
77	5.3	5.592	20	
78	5.3	5.297	20	*
79	5.3	5.501	20	
80	5.3	5.445	20	
81	5.3	5.354	20	
82	5.3	5.609	20	
83	5.3	5.547	20	
84	5.3	5.602	20	
85	5.3	5.563	20	

86	5.3	5.651	20		
87	5.3	5.444	20		
88	5.3	5.284	20		
89	5.3	5.432	20		
90	5.3	5.603	20		
91	5.3	5.615	20		
92	5.3	5.32	20		
93	5.3	5.303	20	*	
94	5.3	5.494	20		
95	5.3	5.344	20		
96	5.3	5.594	20		
97	5.3	5.632	20		
98	5.3	5.687	20		
99	5.3	5.469	20		
100	5.3	5.396	20		

Radar Type 6 – HT40-Mode:

Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX	Comments
Trail 1					
1	5.31	5.543	40		
2	5.31	5.394	40		
3	5.31	5.491	40		
4	5.31	5.546	40		
5	5.31	5.458	40		
6	5.31	5.443	40		
7	5.31	5.473	40		
8	5.31	5.723	40		
9	5.31	5.456	40		
10	5.31	5.406	40		
11	5.31	5.599	40		
12	5.31	5.509	40		
13	5.31	5.402	40		
14	5.31	5.33	40	*	
15	5.31	5.489	40		
16	5.31	5.63	40		
17	5.31	5.287	40		
18	5.31	5.626	40		
19	5.31	5.26	40		
20	5.31	5.457	40		
21	5.31	5.484	40		
22	5.31	5.312	40	*	
23	5.31	5.633	40		
24	5.31	5.43	40		
25	5.31	5.65	40		
26	5.31	5.517	40		
27	5.31	5.414	40		
28	5.31	5.521	40		
29	5.31	5.665	40		
30	5.31	5.695	40		
31	5.31	5.318	40	*	
32	5.31	5.569	40		
33	5.31	5.472	40		
34	5.31	5.404	40		
35	5.31	5.681	40		
36	5.31	5.328	40	*	
37	5.31	5.42	40		
38	5.31	5.39	40		
39	5.31	5.403	40		
40	5.31	5.295	40	*	
41	5.31	5.362	40		
42	5.31	5.711	40		
43	5.31	5.618	40		
44	5.31	5.6	40		
45	5.31	5.415	40		
46	5.31	5.343	40		
47	5.31	5.524	40		
48	5.31	5.696	40		
49	5.31	5.407	40		
50	5.31	5.548	40		

51	5.31	5.437	40		
52	5.31	5.282	40		
53	5.31	5.267	40		
54	5.31	5.376	40		
55	5.31	5.482	40		
56	5.31	5.533	40		
57	5.31	5.441	40		
58	5.31	5.493	40		
59	5.31	5.538	40		
60	5.31	5.256	40		
61	5.31	5.28	40		
62	5.31	5.659	40		
63	5.31	5.428	40		
64	5.31	5.46	40		
65	5.31	5.562	40		
66	5.31	5.645	40		
67	5.31	5.397	40		
68	5.31	5.518	40		
69	5.31	5.554	40		
70	5.31	5.624	40		
71	5.31	5.551	40		
72	5.31	5.31	40	*	
73	5.31	5.678	40		
74	5.31	5.614	40		
75	5.31	5.382	40		
76	5.31	5.375	40		
77	5.31	5.713	40		
78	5.31	5.663	40		
79	5.31	5.619	40		
80	5.31	5.504	40		
81	5.31	5.44	40		
82	5.31	5.255	40		
83	5.31	5.503	40		
84	5.31	5.597	40		
85	5.31	5.314	40	*	
86	5.31	5.262	40		
87	5.31	5.585	40		
88	5.31	5.712	40		
89	5.31	5.692	40		
90	5.31	5.563	40		
91	5.31	5.455	40		
92	5.31	5.643	40		
93	5.31	5.629	40		
94	5.31	5.617	40		
95	5.31	5.344	40		
96	5.31	5.288	40		
97	5.31	5.565	40		
98	5.31	5.399	40		
99	5.31	5.698	40		
100	5.31	5.627	40		
Trail 2					
1	5.31	5.637	40		
2	5.31	5.343	40		
3	5.31	5.266	40		
4	5.31	5.437	40		
5	5.31	5.251	40		
6	5.31	5.294	40	*	

7	5.31	5.663	40	
8	5.31	5.259	40	
9	5.31	5.71	40	
10	5.31	5.587	40	
11	5.31	5.567	40	
12	5.31	5.301	40	*
13	5.31	5.707	40	
14	5.31	5.606	40	
15	5.31	5.304	40	*
16	5.31	5.444	40	
17	5.31	5.439	40	
18	5.31	5.695	40	
19	5.31	5.276	40	
20	5.31	5.608	40	
21	5.31	5.281	40	
22	5.31	5.311	40	*
23	5.31	5.429	40	
24	5.31	5.39	40	
25	5.31	5.284	40	
26	5.31	5.375	40	
27	5.31	5.582	40	
28	5.31	5.336	40	
29	5.31	5.316	40	*
30	5.31	5.636	40	
31	5.31	5.605	40	
32	5.31	5.572	40	
33	5.31	5.638	40	
34	5.31	5.349	40	
35	5.31	5.286	40	
36	5.31	5.362	40	
37	5.31	5.56	40	
38	5.31	5.413	40	
39	5.31	5.472	40	
40	5.31	5.627	40	
41	5.31	5.389	40	
42	5.31	5.359	40	
43	5.31	5.509	40	
44	5.31	5.257	40	
45	5.31	5.704	40	
46	5.31	5.357	40	
47	5.31	5.26	40	
48	5.31	5.558	40	
49	5.31	5.617	40	
50	5.31	5.518	40	
51	5.31	5.673	40	
52	5.31	5.492	40	
53	5.31	5.615	40	
54	5.31	5.593	40	
55	5.31	5.598	40	
56	5.31	5.51	40	
57	5.31	5.328	40	*
58	5.31	5.346	40	
59	5.31	5.449	40	
60	5.31	5.279	40	
61	5.31	5.415	40	
62	5.31	5.302	40	*
63	5.31	5.574	40	

64	5.31	5.331	40		
65	5.31	5.59	40		
66	5.31	5.465	40		
67	5.31	5.364	40		
68	5.31	5.319	40	*	
69	5.31	5.498	40		
70	5.31	5.451	40		
71	5.31	5.466	40		
72	5.31	5.354	40		
73	5.31	5.594	40		
74	5.31	5.462	40		
75	5.31	5.298	40	*	
76	5.31	5.448	40		
77	5.31	5.422	40		
78	5.31	5.397	40		
79	5.31	5.699	40		
80	5.31	5.387	40		
81	5.31	5.261	40		
82	5.31	5.547	40		
83	5.31	5.322	40	*	
84	5.31	5.538	40		
85	5.31	5.495	40		
86	5.31	5.616	40		
87	5.31	5.631	40		
88	5.31	5.327	40	*	
89	5.31	5.524	40		
90	5.31	5.299	40	*	
91	5.31	5.576	40		
92	5.31	5.669	40		
93	5.31	5.601	40		
94	5.31	5.388	40		
95	5.31	5.283	40		
96	5.31	5.668	40		
97	5.31	5.401	40		
98	5.31	5.664	40		
99	5.31	5.662	40		
100	5.31	5.376	40		
Trail 3					
1	5.31	5.435	40		
2	5.31	5.602	40		
3	5.31	5.546	40		
4	5.31	5.289	40		
5	5.31	5.311	40	*	
6	5.31	5.495	40		
7	5.31	5.609	40		
8	5.31	5.613	40		
9	5.31	5.703	40		
10	5.31	5.409	40		
11	5.31	5.645	40		
12	5.31	5.303	40	*	
13	5.31	5.493	40		
14	5.31	5.59	40		
15	5.31	5.258	40		
16	5.31	5.634	40		
17	5.31	5.461	40		
18	5.31	5.597	40		
19	5.31	5.402	40		

20	5.31	5.543	40		
21	5.31	5.529	40		
22	5.31	5.72	40		
23	5.31	5.67	40		
24	5.31	5.65	40		
25	5.31	5.26	40		
26	5.31	5.718	40		
27	5.31	5.623	40		
28	5.31	5.553	40		
29	5.31	5.569	40		
30	5.31	5.484	40		
31	5.31	5.684	40		
32	5.31	5.674	40		
33	5.31	5.469	40		
34	5.31	5.425	40		
35	5.31	5.344	40		
36	5.31	5.608	40		
37	5.31	5.722	40		
38	5.31	5.506	40		
39	5.31	5.606	40		
40	5.31	5.707	40		
41	5.31	5.434	40		
42	5.31	5.335	40		
43	5.31	5.304	40	*	
44	5.31	5.252	40		
45	5.31	5.295	40	*	
46	5.31	5.697	40		
47	5.31	5.427	40		
48	5.31	5.422	40		
49	5.31	5.399	40		
50	5.31	5.617	40		
51	5.31	5.357	40		
52	5.31	5.366	40		
53	5.31	5.702	40		
54	5.31	5.45	40		
55	5.31	5.308	40	*	
56	5.31	5.403	40		
57	5.31	5.708	40		
58	5.31	5.464	40		
59	5.31	5.628	40		
60	5.31	5.663	40		
61	5.31	5.478	40		
62	5.31	5.286	40		
63	5.31	5.598	40		
64	5.31	5.325	40	*	
65	5.31	5.477	40		
66	5.31	5.367	40		
67	5.31	5.331	40		
68	5.31	5.586	40		
69	5.31	5.688	40		
70	5.31	5.6	40		
71	5.31	5.567	40		
72	5.31	5.397	40		
73	5.31	5.364	40		
74	5.31	5.282	40		
75	5.31	5.54	40		
76	5.31	5.298	40	*	

77	5.31	5.587	40	
78	5.31	5.561	40	
79	5.31	5.51	40	
80	5.31	5.659	40	
81	5.31	5.28	40	
82	5.31	5.576	40	
83	5.31	5.419	40	
84	5.31	5.554	40	
85	5.31	5.426	40	
86	5.31	5.487	40	
87	5.31	5.579	40	
88	5.31	5.679	40	
89	5.31	5.324	40	*
90	5.31	5.494	40	
91	5.31	5.475	40	
92	5.31	5.5	40	
93	5.31	5.537	40	
94	5.31	5.305	40	*
95	5.31	5.642	40	
96	5.31	5.315	40	*
97	5.31	5.302	40	*
98	5.31	5.582	40	
99	5.31	5.556	40	
100	5.31	5.682	40	
Trail 4				
1	5.31	5.309	40	*
2	5.31	5.331	40	
3	5.31	5.297	40	*
4	5.31	5.474	40	
5	5.31	5.495	40	
6	5.31	5.565	40	
7	5.31	5.662	40	
8	5.31	5.324	40	*
9	5.31	5.29	40	*
10	5.31	5.425	40	
11	5.31	5.507	40	
12	5.31	5.696	40	
13	5.31	5.708	40	
14	5.31	5.278	40	
15	5.31	5.614	40	
16	5.31	5.723	40	
17	5.31	5.634	40	
18	5.31	5.457	40	
19	5.31	5.316	40	*
20	5.31	5.34	40	
21	5.31	5.506	40	
22	5.31	5.39	40	
23	5.31	5.626	40	
24	5.31	5.442	40	
25	5.31	5.476	40	
26	5.31	5.337	40	
27	5.31	5.314	40	*
28	5.31	5.562	40	
29	5.31	5.404	40	
30	5.31	5.523	40	
31	5.31	5.392	40	
32	5.31	5.636	40	

33	5.31	5.463	40	
34	5.31	5.533	40	
35	5.31	5.661	40	
36	5.31	5.388	40	
37	5.31	5.329	40	*
38	5.31	5.599	40	
39	5.31	5.345	40	
40	5.31	5.288	40	
41	5.31	5.461	40	
42	5.31	5.473	40	
43	5.31	5.491	40	
44	5.31	5.528	40	
45	5.31	5.581	40	
46	5.31	5.376	40	
47	5.31	5.682	40	
48	5.31	5.537	40	
49	5.31	5.584	40	
50	5.31	5.403	40	
51	5.31	5.274	40	
52	5.31	5.322	40	*
53	5.31	5.509	40	
54	5.31	5.686	40	
55	5.31	5.301	40	*
56	5.31	5.612	40	
57	5.31	5.566	40	
58	5.31	5.671	40	
59	5.31	5.658	40	
60	5.31	5.53	40	
61	5.31	5.539	40	
62	5.31	5.625	40	
63	5.31	5.323	40	*
64	5.31	5.546	40	
65	5.31	5.395	40	
66	5.31	5.402	40	
67	5.31	5.295	40	*
68	5.31	5.273	40	
69	5.31	5.358	40	
70	5.31	5.381	40	
71	5.31	5.354	40	
72	5.31	5.435	40	
73	5.31	5.417	40	
74	5.31	5.709	40	
75	5.31	5.637	40	
76	5.31	5.492	40	
77	5.31	5.352	40	
78	5.31	5.535	40	
79	5.31	5.669	40	
80	5.31	5.7	40	
81	5.31	5.382	40	
82	5.31	5.317	40	*
83	5.31	5.253	40	
84	5.31	5.292	40	*
85	5.31	5.475	40	
86	5.31	5.587	40	
87	5.31	5.284	40	
88	5.31	5.538	40	
89	5.31	5.617	40	

90	5.31	5.45	40		
91	5.31	5.469	40		
92	5.31	5.561	40		
93	5.31	5.383	40		
94	5.31	5.595	40		
95	5.31	5.631	40		
96	5.31	5.694	40		
97	5.31	5.667	40		
98	5.31	5.712	40		
99	5.31	5.518	40		
100	5.31	5.479	40		
Trail 5					
1	5.31	5.457	40		
2	5.31	5.69	40		
3	5.31	5.609	40		
4	5.31	5.333	40		
5	5.31	5.414	40		
6	5.31	5.492	40		
7	5.31	5.276	40		
8	5.31	5.591	40		
9	5.31	5.554	40		
10	5.31	5.381	40		
11	5.31	5.329	40	*	
12	5.31	5.36	40		
13	5.31	5.51	40		
14	5.31	5.466	40		
15	5.31	5.513	40		
16	5.31	5.463	40		
17	5.31	5.715	40		
18	5.31	5.57	40		
19	5.31	5.634	40		
20	5.31	5.588	40		
21	5.31	5.488	40		
22	5.31	5.406	40		
23	5.31	5.718	40		
24	5.31	5.615	40		
25	5.31	5.505	40		
26	5.31	5.472	40		
27	5.31	5.723	40		
28	5.31	5.506	40		
29	5.31	5.464	40		
30	5.31	5.383	40		
31	5.31	5.447	40		
32	5.31	5.306	40	*	
33	5.31	5.304	40	*	
34	5.31	5.523	40		
35	5.31	5.545	40		
36	5.31	5.462	40		
37	5.31	5.325	40	*	
38	5.31	5.416	40		
39	5.31	5.618	40		
40	5.31	5.563	40		
41	5.31	5.301	40	*	
42	5.31	5.697	40		
43	5.31	5.26	40		
44	5.31	5.346	40		
45	5.31	5.619	40		

46	5.31	5.347	40		
47	5.31	5.544	40		
48	5.31	5.322	40	*	
49	5.31	5.561	40		
50	5.31	5.424	40		
51	5.31	5.517	40		
52	5.31	5.597	40		
53	5.31	5.327	40	*	
54	5.31	5.565	40		
55	5.31	5.257	40		
56	5.31	5.334	40		
57	5.31	5.707	40		
58	5.31	5.574	40		
59	5.31	5.612	40		
60	5.31	5.7	40		
61	5.31	5.692	40		
62	5.31	5.281	40		
63	5.31	5.379	40		
64	5.31	5.611	40		
65	5.31	5.434	40		
66	5.31	5.679	40		
67	5.31	5.473	40		
68	5.31	5.438	40		
69	5.31	5.31	40	*	
70	5.31	5.665	40		
71	5.31	5.437	40		
72	5.31	5.606	40		
73	5.31	5.482	40		
74	5.31	5.581	40		
75	5.31	5.465	40		
76	5.31	5.479	40		
77	5.31	5.62	40		
78	5.31	5.298	40	*	
79	5.31	5.6	40		
80	5.31	5.28	40		
81	5.31	5.625	40		
82	5.31	5.494	40		
83	5.31	5.351	40		
84	5.31	5.496	40		
85	5.31	5.716	40		
86	5.31	5.594	40		
87	5.31	5.59	40		
88	5.31	5.417	40		
89	5.31	5.302	40	*	
90	5.31	5.364	40		
91	5.31	5.498	40		
92	5.31	5.378	40		
93	5.31	5.569	40		
94	5.31	5.287	40		
95	5.31	5.504	40		
96	5.31	5.354	40		
97	5.31	5.511	40		
98	5.31	5.705	40		
99	5.31	5.365	40		
100	5.31	5.474	40		
			Trail 6		
1	5.31	5.653	40		

2	5.31	5.362	40	
3	5.31	5.499	40	
4	5.31	5.65	40	
5	5.31	5.416	40	
6	5.31	5.644	40	
7	5.31	5.584	40	
8	5.31	5.571	40	
9	5.31	5.563	40	
10	5.31	5.273	40	
11	5.31	5.26	40	
12	5.31	5.29	40	*
13	5.31	5.544	40	
14	5.31	5.302	40	*
15	5.31	5.325	40	*
16	5.31	5.476	40	
17	5.31	5.463	40	
18	5.31	5.689	40	
19	5.31	5.364	40	
20	5.31	5.596	40	
21	5.31	5.648	40	
22	5.31	5.661	40	
23	5.31	5.454	40	
24	5.31	5.591	40	
25	5.31	5.608	40	
26	5.31	5.516	40	
27	5.31	5.673	40	
28	5.31	5.615	40	
29	5.31	5.636	40	
30	5.31	5.386	40	
31	5.31	5.627	40	
32	5.31	5.421	40	
33	5.31	5.701	40	
34	5.31	5.613	40	
35	5.31	5.676	40	
36	5.31	5.646	40	
37	5.31	5.706	40	
38	5.31	5.536	40	
39	5.31	5.324	40	*
40	5.31	5.414	40	
41	5.31	5.685	40	
42	5.31	5.467	40	
43	5.31	5.48	40	
44	5.31	5.511	40	
45	5.31	5.7	40	
46	5.31	5.561	40	
47	5.31	5.282	40	
48	5.31	5.477	40	
49	5.31	5.498	40	
50	5.31	5.723	40	
51	5.31	5.696	40	
52	5.31	5.439	40	
53	5.31	5.55	40	
54	5.31	5.5	40	
55	5.31	5.545	40	
56	5.31	5.384	40	
57	5.31	5.686	40	
58	5.31	5.303	40	*

59	5.31	5.562	40		
60	5.31	5.495	40		
61	5.31	5.668	40		
62	5.31	5.505	40		
63	5.31	5.671	40		
64	5.31	5.717	40		
65	5.31	5.251	40		
66	5.31	5.397	40		
67	5.31	5.333	40		
68	5.31	5.468	40		
69	5.31	5.694	40		
70	5.31	5.339	40		
71	5.31	5.331	40		
72	5.31	5.704	40		
73	5.31	5.56	40		
74	5.31	5.391	40		
75	5.31	5.558	40		
76	5.31	5.719	40		
77	5.31	5.447	40		
78	5.31	5.602	40		
79	5.31	5.658	40		
80	5.31	5.326	40	*	
81	5.31	5.417	40		
82	5.31	5.32	40	*	
83	5.31	5.322	40	*	
84	5.31	5.406	40		
85	5.31	5.453	40		
86	5.31	5.396	40		
87	5.31	5.551	40		
88	5.31	5.295	40	*	
89	5.31	5.643	40		
90	5.31	5.407	40		
91	5.31	5.275	40		
92	5.31	5.678	40		
93	5.31	5.634	40		
94	5.31	5.264	40		
95	5.31	5.28	40		
96	5.31	5.327	40	*	
97	5.31	5.456	40		
98	5.31	5.712	40		
99	5.31	5.635	40		
100	5.31	5.258	40		
Trail 7					
1	5.31	5.514	40		
2	5.31	5.674	40		
3	5.31	5.433	40		
4	5.31	5.49	40		
5	5.31	5.72	40		
6	5.31	5.397	40		
7	5.31	5.559	40		
8	5.31	5.53	40		
9	5.31	5.689	40		
10	5.31	5.342	40		
11	5.31	5.542	40		
12	5.31	5.288	40		
13	5.31	5.577	40		
14	5.31	5.44	40		

15	5.31	5.682	40	
16	5.31	5.508	40	
17	5.31	5.327	40	*
18	5.31	5.456	40	
19	5.31	5.434	40	
20	5.31	5.392	40	
21	5.31	5.521	40	
22	5.31	5.25	40	
23	5.31	5.467	40	
24	5.31	5.573	40	
25	5.31	5.284	40	
26	5.31	5.702	40	
27	5.31	5.693	40	
28	5.31	5.441	40	
29	5.31	5.595	40	
30	5.31	5.495	40	
31	5.31	5.453	40	
32	5.31	5.623	40	
33	5.31	5.512	40	
34	5.31	5.369	40	
35	5.31	5.676	40	
36	5.31	5.608	40	
37	5.31	5.659	40	
38	5.31	5.472	40	
39	5.31	5.698	40	
40	5.31	5.572	40	
41	5.31	5.347	40	
42	5.31	5.265	40	
43	5.31	5.515	40	
44	5.31	5.415	40	
45	5.31	5.332	40	
46	5.31	5.309	40	*
47	5.31	5.523	40	
48	5.31	5.253	40	
49	5.31	5.688	40	
50	5.31	5.571	40	
51	5.31	5.419	40	
52	5.31	5.491	40	
53	5.31	5.483	40	
54	5.31	5.263	40	
55	5.31	5.486	40	
56	5.31	5.699	40	
57	5.31	5.497	40	
58	5.31	5.506	40	
59	5.31	5.29	40	*
60	5.31	5.35	40	
61	5.31	5.274	40	
62	5.31	5.604	40	
63	5.31	5.679	40	
64	5.31	5.421	40	
65	5.31	5.51	40	
66	5.31	5.256	40	
67	5.31	5.33	40	*
68	5.31	5.406	40	
69	5.31	5.399	40	
70	5.31	5.694	40	
71	5.31	5.611	40	

72	5.31	5.584	40		
73	5.31	5.601	40		
74	5.31	5.482	40		
75	5.31	5.492	40		
76	5.31	5.41	40		
77	5.31	5.721	40		
78	5.31	5.518	40		
79	5.31	5.494	40		
80	5.31	5.306	40	*	
81	5.31	5.501	40		
82	5.31	5.587	40		
83	5.31	5.634	40		
84	5.31	5.259	40		
85	5.31	5.704	40		
86	5.31	5.469	40		
87	5.31	5.597	40		
88	5.31	5.701	40		
89	5.31	5.703	40		
90	5.31	5.438	40		
91	5.31	5.484	40		
92	5.31	5.52	40		
93	5.31	5.719	40		
94	5.31	5.395	40		
95	5.31	5.575	40		
96	5.31	5.278	40		
97	5.31	5.568	40		
98	5.31	5.252	40		
99	5.31	5.718	40		
100	5.31	5.36	40		
Trail 8					
1	5.31	5.611	40		
2	5.31	5.283	40		
3	5.31	5.353	40		
4	5.31	5.346	40		
5	5.31	5.662	40		
6	5.31	5.604	40		
7	5.31	5.418	40		
8	5.31	5.338	40		
9	5.31	5.42	40		
10	5.31	5.284	40		
11	5.31	5.695	40		
12	5.31	5.357	40		
13	5.31	5.403	40		
14	5.31	5.661	40		
15	5.31	5.332	40		
16	5.31	5.419	40		
17	5.31	5.596	40		
18	5.31	5.588	40		
19	5.31	5.394	40		
20	5.31	5.592	40		
21	5.31	5.395	40		
22	5.31	5.54	40		
23	5.31	5.409	40		
24	5.31	5.543	40		
25	5.31	5.561	40		
26	5.31	5.299	40	*	
27	5.31	5.626	40		

28	5.31	5.718	40	
29	5.31	5.707	40	
30	5.31	5.524	40	
31	5.31	5.385	40	
32	5.31	5.454	40	
33	5.31	5.38	40	
34	5.31	5.56	40	
35	5.31	5.712	40	
36	5.31	5.469	40	
37	5.31	5.345	40	
38	5.31	5.659	40	
39	5.31	5.417	40	
40	5.31	5.52	40	
41	5.31	5.678	40	
42	5.31	5.69	40	
43	5.31	5.462	40	
44	5.31	5.7	40	
45	5.31	5.446	40	
46	5.31	5.689	40	
47	5.31	5.506	40	
48	5.31	5.703	40	
49	5.31	5.642	40	
50	5.31	5.457	40	
51	5.31	5.366	40	
52	5.31	5.635	40	
53	5.31	5.676	40	
54	5.31	5.47	40	
55	5.31	5.452	40	
56	5.31	5.511	40	
57	5.31	5.32	40	*
58	5.31	5.285	40	
59	5.31	5.538	40	
60	5.31	5.548	40	
61	5.31	5.276	40	
62	5.31	5.436	40	
63	5.31	5.519	40	
64	5.31	5.5	40	
65	5.31	5.413	40	
66	5.31	5.549	40	
67	5.31	5.426	40	
68	5.31	5.251	40	
69	5.31	5.46	40	
70	5.31	5.66	40	
71	5.31	5.287	40	
72	5.31	5.488	40	
73	5.31	5.625	40	
74	5.31	5.663	40	
75	5.31	5.298	40	*
76	5.31	5.603	40	
77	5.31	5.586	40	
78	5.31	5.679	40	
79	5.31	5.391	40	
80	5.31	5.275	40	
81	5.31	5.416	40	
82	5.31	5.349	40	
83	5.31	5.483	40	
84	5.31	5.474	40	

85	5.31	5.377	40		
86	5.31	5.455	40		
87	5.31	5.68	40		
88	5.31	5.542	40		
89	5.31	5.288	40		
90	5.31	5.289	40		
91	5.31	5.599	40		
92	5.31	5.475	40		
93	5.31	5.274	40		
94	5.31	5.44	40		
95	5.31	5.632	40		
96	5.31	5.279	40		
97	5.31	5.424	40		
98	5.31	5.499	40		
99	5.31	5.509	40		
100	5.31	5.713	40		
Trail 9					
1	5.31	5.46	40		
2	5.31	5.36	40		
3	5.31	5.466	40		
4	5.31	5.592	40		
5	5.31	5.72	40		
6	5.31	5.701	40		
7	5.31	5.456	40		
8	5.31	5.367	40		
9	5.31	5.676	40		
10	5.31	5.635	40		
11	5.31	5.639	40		
12	5.31	5.481	40		
13	5.31	5.642	40		
14	5.31	5.57	40		
15	5.31	5.361	40		
16	5.31	5.351	40		
17	5.31	5.344	40		
18	5.31	5.332	40		
19	5.31	5.418	40		
20	5.31	5.506	40		
21	5.31	5.448	40		
22	5.31	5.524	40		
23	5.31	5.41	40		
24	5.31	5.347	40		
25	5.31	5.514	40		
26	5.31	5.43	40		
27	5.31	5.617	40		
28	5.31	5.654	40		
29	5.31	5.272	40		
30	5.31	5.599	40		
31	5.31	5.287	40		
32	5.31	5.42	40		
33	5.31	5.365	40		
34	5.31	5.648	40		
35	5.31	5.518	40		
36	5.31	5.643	40		
37	5.31	5.376	40		
38	5.31	5.485	40		
39	5.31	5.327	40	*	
40	5.31	5.408	40		

41	5.31	5.435	40	
42	5.31	5.589	40	
43	5.31	5.616	40	
44	5.31	5.366	40	
45	5.31	5.604	40	
46	5.31	5.636	40	
47	5.31	5.673	40	
48	5.31	5.53	40	
49	5.31	5.675	40	
50	5.31	5.388	40	
51	5.31	5.724	40	
52	5.31	5.465	40	
53	5.31	5.58	40	
54	5.31	5.427	40	
55	5.31	5.625	40	
56	5.31	5.484	40	
57	5.31	5.513	40	
58	5.31	5.545	40	
59	5.31	5.259	40	
60	5.31	5.416	40	
61	5.31	5.522	40	
62	5.31	5.293	40	*
63	5.31	5.555	40	
64	5.31	5.436	40	
65	5.31	5.359	40	
66	5.31	5.355	40	
67	5.31	5.341	40	
68	5.31	5.335	40	
69	5.31	5.677	40	
70	5.31	5.682	40	
71	5.31	5.477	40	
72	5.31	5.495	40	
73	5.31	5.396	40	
74	5.31	5.353	40	
75	5.31	5.331	40	
76	5.31	5.403	40	
77	5.31	5.657	40	
78	5.31	5.614	40	
79	5.31	5.584	40	
80	5.31	5.312	40	*
81	5.31	5.65	40	
82	5.31	5.703	40	
83	5.31	5.432	40	
84	5.31	5.711	40	
85	5.31	5.526	40	
86	5.31	5.576	40	
87	5.31	5.284	40	
88	5.31	5.38	40	
89	5.31	5.51	40	
90	5.31	5.37	40	
91	5.31	5.449	40	
92	5.31	5.364	40	
93	5.31	5.261	40	
94	5.31	5.306	40	*
95	5.31	5.393	40	
96	5.31	5.453	40	
97	5.31	5.255	40	

98	5.31	5.601	40		
99	5.31	5.666	40		
100	5.31	5.624	40		
Trail 10					
1	5.31	5.698	40		
2	5.31	5.602	40		
3	5.31	5.318	40	*	
4	5.31	5.604	40		
5	5.31	5.702	40		
6	5.31	5.609	40		
7	5.31	5.515	40		
8	5.31	5.305	40	*	
9	5.31	5.503	40		
10	5.31	5.356	40		
11	5.31	5.392	40		
12	5.31	5.643	40		
13	5.31	5.317	40	*	
14	5.31	5.69	40		
15	5.31	5.335	40		
16	5.31	5.462	40		
17	5.31	5.452	40		
18	5.31	5.529	40		
19	5.31	5.286	40		
20	5.31	5.412	40		
21	5.31	5.346	40		
22	5.31	5.351	40		
23	5.31	5.402	40		
24	5.31	5.338	40		
25	5.31	5.306	40	*	
26	5.31	5.469	40		
27	5.31	5.391	40		
28	5.31	5.278	40		
29	5.31	5.504	40		
30	5.31	5.471	40		
31	5.31	5.329	40	*	
32	5.31	5.686	40		
33	5.31	5.385	40		
34	5.31	5.578	40		
35	5.31	5.371	40		
36	5.31	5.433	40		
37	5.31	5.559	40		
38	5.31	5.535	40		
39	5.31	5.401	40		
40	5.31	5.65	40		
41	5.31	5.691	40		
42	5.31	5.52	40		
43	5.31	5.268	40		
44	5.31	5.708	40		
45	5.31	5.721	40		
46	5.31	5.583	40		
47	5.31	5.685	40		
48	5.31	5.68	40		
49	5.31	5.378	40		
50	5.31	5.482	40		
51	5.31	5.538	40		
52	5.31	5.345	40		
53	5.31	5.258	40		

54	5.31	5.545	40		
55	5.31	5.546	40		
56	5.31	5.594	40		
57	5.31	5.597	40		
58	5.31	5.498	40		
59	5.31	5.666	40		
60	5.31	5.635	40		
61	5.31	5.622	40		
62	5.31	5.375	40		
63	5.31	5.652	40		
64	5.31	5.526	40		
65	5.31	5.621	40		
66	5.31	5.267	40		
67	5.31	5.612	40		
68	5.31	5.265	40		
69	5.31	5.495	40		
70	5.31	5.573	40		
71	5.31	5.46	40		
72	5.31	5.363	40		
73	5.31	5.591	40		
74	5.31	5.382	40		
75	5.31	5.571	40		
76	5.31	5.693	40		
77	5.31	5.349	40		
78	5.31	5.328	40	*	
79	5.31	5.668	40		
80	5.31	5.542	40		
81	5.31	5.596	40		
82	5.31	5.455	40		
83	5.31	5.588	40		
84	5.31	5.383	40		
85	5.31	5.57	40		
86	5.31	5.358	40		
87	5.31	5.47	40		
88	5.31	5.655	40		
89	5.31	5.557	40		
90	5.31	5.665	40		
91	5.31	5.494	40		
92	5.31	5.648	40		
93	5.31	5.694	40		
94	5.31	5.449	40		
95	5.31	5.459	40		
96	5.31	5.319	40	*	
97	5.31	5.42	40		
98	5.31	5.387	40		
99	5.31	5.705	40		
100	5.31	5.293	40	*	
Trail 11					
1	5.31	5.469	40		
2	5.31	5.368	40		
3	5.31	5.406	40		
4	5.31	5.535	40		
5	5.31	5.609	40		
6	5.31	5.412	40		
7	5.31	5.382	40		
8	5.31	5.342	40		
9	5.31	5.67	40		

10	5.31	5.563	40		
11	5.31	5.536	40		
12	5.31	5.662	40		
13	5.31	5.432	40		
14	5.31	5.317	40	*	
15	5.31	5.398	40		
16	5.31	5.41	40		
17	5.31	5.429	40		
18	5.31	5.668	40		
19	5.31	5.702	40		
20	5.31	5.682	40		
21	5.31	5.389	40		
22	5.31	5.43	40		
23	5.31	5.308	40	*	
24	5.31	5.711	40		
25	5.31	5.672	40		
26	5.31	5.264	40		
27	5.31	5.446	40		
28	5.31	5.503	40		
29	5.31	5.666	40		
30	5.31	5.365	40		
31	5.31	5.703	40		
32	5.31	5.646	40		
33	5.31	5.572	40		
34	5.31	5.457	40		
35	5.31	5.488	40		
36	5.31	5.5	40		
37	5.31	5.724	40		
38	5.31	5.472	40		
39	5.31	5.546	40		
40	5.31	5.415	40		
41	5.31	5.519	40		
42	5.31	5.578	40		
43	5.31	5.689	40		
44	5.31	5.484	40		
45	5.31	5.516	40		
46	5.31	5.603	40		
47	5.31	5.712	40		
48	5.31	5.481	40		
49	5.31	5.302	40	*	
50	5.31	5.294	40	*	
51	5.31	5.511	40		
52	5.31	5.579	40		
53	5.31	5.265	40		
54	5.31	5.266	40		
55	5.31	5.286	40		
56	5.31	5.45	40		
57	5.31	5.334	40		
58	5.31	5.62	40		
59	5.31	5.598	40		
60	5.31	5.471	40		
61	5.31	5.721	40		
62	5.31	5.4	40		
63	5.31	5.404	40		
64	5.31	5.357	40		
65	5.31	5.509	40		
66	5.31	5.577	40		

67	5.31	5.604	40		
68	5.31	5.68	40		
69	5.31	5.262	40		
70	5.31	5.716	40		
71	5.31	5.332	40		
72	5.31	5.667	40		
73	5.31	5.691	40		
74	5.31	5.651	40		
75	5.31	5.64	40		
76	5.31	5.501	40		
77	5.31	5.605	40		
78	5.31	5.377	40		
79	5.31	5.461	40		
80	5.31	5.684	40		
81	5.31	5.493	40		
82	5.31	5.359	40		
83	5.31	5.557	40		
84	5.31	5.643	40		
85	5.31	5.558	40		
86	5.31	5.38	40		
87	5.31	5.441	40		
88	5.31	5.465	40		
89	5.31	5.287	40		
90	5.31	5.413	40		
91	5.31	5.499	40		
92	5.31	5.403	40		
93	5.31	5.658	40		
94	5.31	5.676	40		
95	5.31	5.479	40		
96	5.31	5.336	40		
97	5.31	5.464	40		
98	5.31	5.384	40		
99	5.31	5.304	40	*	
100	5.31	5.664	40		
Trail 12					
1	5.31	5.302	40	*	
2	5.31	5.508	40		
3	5.31	5.536	40		
4	5.31	5.351	40		
5	5.31	5.517	40		
6	5.31	5.521	40		
7	5.31	5.396	40		
8	5.31	5.593	40		
9	5.31	5.683	40		
10	5.31	5.287	40		
11	5.31	5.481	40		
12	5.31	5.329	40	*	
13	5.31	5.294	40	*	
14	5.31	5.522	40		
15	5.31	5.314	40	*	
16	5.31	5.59	40		
17	5.31	5.493	40		
18	5.31	5.705	40		
19	5.31	5.558	40		
20	5.31	5.532	40		
21	5.31	5.637	40		
22	5.31	5.583	40		

23	5.31	5.42	40		
24	5.31	5.458	40		
25	5.31	5.446	40		
26	5.31	5.528	40		
27	5.31	5.492	40		
28	5.31	5.648	40		
29	5.31	5.341	40		
30	5.31	5.331	40		
31	5.31	5.572	40		
32	5.31	5.264	40		
33	5.31	5.452	40		
34	5.31	5.301	40	*	
35	5.31	5.352	40		
36	5.31	5.37	40		
37	5.31	5.478	40		
38	5.31	5.668	40		
39	5.31	5.32	40	*	
40	5.31	5.664	40		
41	5.31	5.594	40		
42	5.31	5.367	40		
43	5.31	5.526	40		
44	5.31	5.641	40		
45	5.31	5.265	40		
46	5.31	5.675	40		
47	5.31	5.441	40		
48	5.31	5.262	40		
49	5.31	5.68	40		
50	5.31	5.388	40		
51	5.31	5.693	40		
52	5.31	5.397	40		
53	5.31	5.393	40		
54	5.31	5.611	40		
55	5.31	5.312	40	*	
56	5.31	5.514	40		
57	5.31	5.628	40		
58	5.31	5.714	40		
59	5.31	5.288	40		
60	5.31	5.379	40		
61	5.31	5.364	40		
62	5.31	5.405	40		
63	5.31	5.692	40		
64	5.31	5.47	40		
65	5.31	5.512	40		
66	5.31	5.578	40		
67	5.31	5.443	40		
68	5.31	5.598	40		
69	5.31	5.251	40		
70	5.31	5.538	40		
71	5.31	5.65	40		
72	5.31	5.621	40		
73	5.31	5.377	40		
74	5.31	5.685	40		
75	5.31	5.686	40		
76	5.31	5.651	40		
77	5.31	5.254	40		
78	5.31	5.527	40		
79	5.31	5.626	40		

80	5.31	5.347	40		
81	5.31	5.509	40		
82	5.31	5.633	40		
83	5.31	5.289	40		
84	5.31	5.591	40		
85	5.31	5.315	40	*	
86	5.31	5.601	40		
87	5.31	5.25	40		
88	5.31	5.655	40		
89	5.31	5.41	40		
90	5.31	5.562	40		
91	5.31	5.71	40		
92	5.31	5.604	40		
93	5.31	5.406	40		
94	5.31	5.255	40		
95	5.31	5.432	40		
96	5.31	5.281	40		
97	5.31	5.519	40		
98	5.31	5.654	40		
99	5.31	5.661	40		
100	5.31	5.471	40		
Trail 13					
1	5.31	5.54	40		
2	5.31	5.573	40		
3	5.31	5.258	40		
4	5.31	5.636	40		
5	5.31	5.439	40		
6	5.31	5.671	40		
7	5.31	5.319	40	*	
8	5.31	5.602	40		
9	5.31	5.34	40		
10	5.31	5.436	40		
11	5.31	5.645	40		
12	5.31	5.386	40		
13	5.31	5.454	40		
14	5.31	5.532	40		
15	5.31	5.447	40		
16	5.31	5.383	40		
17	5.31	5.262	40		
18	5.31	5.375	40		
19	5.31	5.487	40		
20	5.31	5.391	40		
21	5.31	5.519	40		
22	5.31	5.295	40	*	
23	5.31	5.462	40		
24	5.31	5.64	40		
25	5.31	5.455	40		
26	5.31	5.582	40		
27	5.31	5.468	40		
28	5.31	5.713	40		
29	5.31	5.5	40		
30	5.31	5.282	40		
31	5.31	5.472	40		
32	5.31	5.251	40		
33	5.31	5.35	40		
34	5.31	5.583	40		
35	5.31	5.653	40		

36	5.31	5.558	40	
37	5.31	5.281	40	
38	5.31	5.267	40	
39	5.31	5.623	40	
40	5.31	5.589	40	
41	5.31	5.499	40	
42	5.31	5.707	40	
43	5.31	5.508	40	
44	5.31	5.586	40	
45	5.31	5.335	40	
46	5.31	5.296	40	*
47	5.31	5.331	40	
48	5.31	5.498	40	
49	5.31	5.72	40	
50	5.31	5.485	40	
51	5.31	5.4	40	
52	5.31	5.496	40	
53	5.31	5.524	40	
54	5.31	5.393	40	
55	5.31	5.554	40	
56	5.31	5.298	40	*
57	5.31	5.531	40	
58	5.31	5.521	40	
59	5.31	5.545	40	
60	5.31	5.544	40	
61	5.31	5.352	40	
62	5.31	5.633	40	
63	5.31	5.547	40	
64	5.31	5.557	40	
65	5.31	5.663	40	
66	5.31	5.329	40	*
67	5.31	5.286	40	
68	5.31	5.564	40	
69	5.31	5.698	40	
70	5.31	5.451	40	
71	5.31	5.71	40	
72	5.31	5.559	40	
73	5.31	5.434	40	
74	5.31	5.431	40	
75	5.31	5.453	40	
76	5.31	5.539	40	
77	5.31	5.332	40	
78	5.31	5.57	40	
79	5.31	5.271	40	
80	5.31	5.334	40	
81	5.31	5.265	40	
82	5.31	5.29	40	*
83	5.31	5.291	40	*
84	5.31	5.657	40	
85	5.31	5.39	40	
86	5.31	5.337	40	
87	5.31	5.406	40	
88	5.31	5.506	40	
89	5.31	5.723	40	
90	5.31	5.538	40	
91	5.31	5.322	40	*
92	5.31	5.31	40	*

93	5.31	5.518	40		
94	5.31	5.65	40		
95	5.31	5.469	40		
96	5.31	5.299	40	*	
97	5.31	5.324	40	*	
98	5.31	5.579	40		
99	5.31	5.348	40		
100	5.31	5.437	40		
Trail 14					
1	5.31	5.477	40		
2	5.31	5.495	40		
3	5.31	5.583	40		
4	5.31	5.492	40		
5	5.31	5.425	40		
6	5.31	5.652	40		
7	5.31	5.612	40		
8	5.31	5.572	40		
9	5.31	5.287	40		
10	5.31	5.407	40		
11	5.31	5.683	40		
12	5.31	5.333	40		
13	5.31	5.566	40		
14	5.31	5.388	40		
15	5.31	5.576	40		
16	5.31	5.446	40		
17	5.31	5.475	40		
18	5.31	5.403	40		
19	5.31	5.468	40		
20	5.31	5.421	40		
21	5.31	5.285	40		
22	5.31	5.516	40		
23	5.31	5.528	40		
24	5.31	5.374	40		
25	5.31	5.684	40		
26	5.31	5.323	40	*	
27	5.31	5.279	40		
28	5.31	5.515	40		
29	5.31	5.603	40		
30	5.31	5.606	40		
31	5.31	5.621	40		
32	5.31	5.629	40		
33	5.31	5.48	40		
34	5.31	5.669	40		
35	5.31	5.562	40		
36	5.31	5.345	40		
37	5.31	5.618	40		
38	5.31	5.298	40	*	
39	5.31	5.704	40		
40	5.31	5.401	40		
41	5.31	5.555	40		
42	5.31	5.334	40		
43	5.31	5.415	40		
44	5.31	5.442	40		
45	5.31	5.508	40		
46	5.31	5.682	40		
47	5.31	5.6	40		
48	5.31	5.416	40		

49	5.31	5.614	40		
50	5.31	5.711	40		
51	5.31	5.723	40		
52	5.31	5.336	40		
53	5.31	5.463	40		
54	5.31	5.649	40		
55	5.31	5.474	40		
56	5.31	5.634	40		
57	5.31	5.379	40		
58	5.31	5.507	40		
59	5.31	5.611	40		
60	5.31	5.357	40		
61	5.31	5.655	40		
62	5.31	5.354	40		
63	5.31	5.695	40		
64	5.31	5.306	40	*	
65	5.31	5.45	40		
66	5.31	5.309	40	*	
67	5.31	5.588	40		
68	5.31	5.418	40		
69	5.31	5.277	40		
70	5.31	5.308	40	*	
71	5.31	5.413	40		
72	5.31	5.254	40		
73	5.31	5.58	40		
74	5.31	5.453	40		
75	5.31	5.514	40		
76	5.31	5.696	40		
77	5.31	5.399	40		
78	5.31	5.537	40		
79	5.31	5.382	40		
80	5.31	5.375	40		
81	5.31	5.462	40		
82	5.31	5.429	40		
83	5.31	5.662	40		
84	5.31	5.394	40		
85	5.31	5.674	40		
86	5.31	5.313	40	*	
87	5.31	5.275	40		
88	5.31	5.675	40		
89	5.31	5.557	40		
90	5.31	5.39	40		
91	5.31	5.458	40		
92	5.31	5.556	40		
93	5.31	5.59	40		
94	5.31	5.391	40		
95	5.31	5.71	40		
96	5.31	5.302	40	*	
97	5.31	5.294	40	*	
98	5.31	5.624	40		
99	5.31	5.445	40		
100	5.31	5.262	40		
Trail 15					
1	5.31	5.52	40		
2	5.31	5.446	40		
3	5.31	5.636	40		
4	5.31	5.325	40	*	

5	5.31	5.655	40		
6	5.31	5.424	40		
7	5.31	5.488	40		
8	5.31	5.528	40		
9	5.31	5.425	40		
10	5.31	5.364	40		
11	5.31	5.447	40		
12	5.31	5.567	40		
13	5.31	5.388	40		
14	5.31	5.598	40		
15	5.31	5.477	40		
16	5.31	5.422	40		
17	5.31	5.714	40		
18	5.31	5.584	40		
19	5.31	5.433	40		
20	5.31	5.645	40		
21	5.31	5.487	40		
22	5.31	5.608	40		
23	5.31	5.514	40		
24	5.31	5.374	40		
25	5.31	5.299	40	*	
26	5.31	5.573	40		
27	5.31	5.512	40		
28	5.31	5.593	40		
29	5.31	5.543	40		
30	5.31	5.538	40		
31	5.31	5.689	40		
32	5.31	5.563	40		
33	5.31	5.381	40		
34	5.31	5.404	40		
35	5.31	5.372	40		
36	5.31	5.406	40		
37	5.31	5.431	40		
38	5.31	5.297	40	*	
39	5.31	5.521	40		
40	5.31	5.344	40		
41	5.31	5.257	40		
42	5.31	5.708	40		
43	5.31	5.637	40		
44	5.31	5.306	40	*	
45	5.31	5.273	40		
46	5.31	5.705	40		
47	5.31	5.609	40		
48	5.31	5.354	40		
49	5.31	5.638	40		
50	5.31	5.656	40		
51	5.31	5.641	40		
52	5.31	5.6	40		
53	5.31	5.482	40		
54	5.31	5.444	40		
55	5.31	5.44	40		
56	5.31	5.367	40		
57	5.31	5.485	40		
58	5.31	5.371	40		
59	5.31	5.3	40	*	
60	5.31	5.274	40		
61	5.31	5.456	40		

62	5.31	5.284	40		
63	5.31	5.647	40		
64	5.31	5.399	40		
65	5.31	5.483	40		
66	5.31	5.361	40		
67	5.31	5.511	40		
68	5.31	5.58	40		
69	5.31	5.276	40		
70	5.31	5.407	40		
71	5.31	5.281	40		
72	5.31	5.358	40		
73	5.31	5.464	40		
74	5.31	5.532	40		
75	5.31	5.688	40		
76	5.31	5.314	40	*	
77	5.31	5.368	40		
78	5.31	5.547	40		
79	5.31	5.55	40		
80	5.31	5.391	40		
81	5.31	5.712	40		
82	5.31	5.468	40		
83	5.31	5.558	40		
84	5.31	5.403	40		
85	5.31	5.497	40		
86	5.31	5.642	40		
87	5.31	5.717	40		
88	5.31	5.587	40		
89	5.31	5.346	40		
90	5.31	5.379	40		
91	5.31	5.611	40		
92	5.31	5.616	40		
93	5.31	5.315	40	*	
94	5.31	5.25	40		
95	5.31	5.723	40		
96	5.31	5.397	40		
97	5.31	5.551	40		
98	5.31	5.524	40		
99	5.31	5.603	40		
100	5.31	5.348	40		
Trail 16					
1	5.31	5.595	40		
2	5.31	5.678	40		
3	5.31	5.544	40		
4	5.31	5.297	40	*	
5	5.31	5.632	40		
6	5.31	5.543	40		
7	5.31	5.43	40		
8	5.31	5.705	40		
9	5.31	5.386	40		
10	5.31	5.513	40		
11	5.31	5.499	40		
12	5.31	5.437	40		
13	5.31	5.547	40		
14	5.31	5.662	40		
15	5.31	5.517	40		
16	5.31	5.711	40		
17	5.31	5.388	40		