



CETECOM ICT Services is now

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Test report no.: 1-6583/18-01-01_AnnexI

Annex I

CETECOM ICT Services is now

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Test report annex authorized:

David Lang
Lab Manager
Radio Communications & EMC

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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

HT80-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

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 – HT80-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 – HT80-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 – HT80-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 – HT80-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 – HT80-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	5.267	20		
2	5.3	5.365	20		
3	5.3	5.636	20		
4	5.3	5.345	20		
5	5.3	5.294	20	*	
6	5.3	5.402	20		
7	5.3	5.617	20		
8	5.3	5.562	20		
9	5.3	5.438	20		
10	5.3	5.638	20		
11	5.3	5.46	20		
12	5.3	5.534	20		
13	5.3	5.429	20		
14	5.3	5.456	20		
15	5.3	5.503	20		
16	5.3	5.687	20		
17	5.3	5.395	20		
18	5.3	5.644	20		
19	5.3	5.403	20		
20	5.3	5.679	20		
21	5.3	5.427	20		
22	5.3	5.669	20		
23	5.3	5.68	20		
24	5.3	5.662	20		
25	5.3	5.446	20		
26	5.3	5.433	20		
27	5.3	5.454	20		
28	5.3	5.514	20		
29	5.3	5.444	20		
30	5.3	5.515	20		
31	5.3	5.285	20		
32	5.3	5.28	20		
33	5.3	5.602	20		
34	5.3	5.504	20		
35	5.3	5.674	20		
36	5.3	5.419	20		
37	5.3	5.426	20		
38	5.3	5.596	20		
39	5.3	5.351	20		
40	5.3	5.413	20		
41	5.3	5.41	20		
42	5.3	5.61	20		
43	5.3	5.264	20		
44	5.3	5.546	20		
45	5.3	5.373	20		
46	5.3	5.386	20		
47	5.3	5.511	20		
48	5.3	5.357	20		
49	5.3	5.486	20		
50	5.3	5.411	20		

51	5.3	5.626	20	
52	5.3	5.353	20	
53	5.3	5.334	20	
54	5.3	5.649	20	
55	5.3	5.521	20	
56	5.3	5.554	20	
57	5.3	5.723	20	
58	5.3	5.478	20	
59	5.3	5.376	20	
60	5.3	5.561	20	
61	5.3	5.604	20	
62	5.3	5.637	20	
63	5.3	5.318	20	
64	5.3	5.424	20	
65	5.3	5.532	20	
66	5.3	5.368	20	
67	5.3	5.559	20	
68	5.3	5.474	20	
69	5.3	5.717	20	
70	5.3	5.647	20	
71	5.3	5.609	20	
72	5.3	5.367	20	
73	5.3	5.54	20	
74	5.3	5.699	20	
75	5.3	5.695	20	
76	5.3	5.565	20	
77	5.3	5.4	20	
78	5.3	5.467	20	
79	5.3	5.711	20	
80	5.3	5.44	20	
81	5.3	5.43	20	
82	5.3	5.371	20	
83	5.3	5.38	20	
84	5.3	5.269	20	
85	5.3	5.477	20	
86	5.3	5.451	20	
87	5.3	5.592	20	
88	5.3	5.55	20	
89	5.3	5.412	20	
90	5.3	5.369	20	
91	5.3	5.358	20	
92	5.3	5.363	20	
93	5.3	5.691	20	
94	5.3	5.639	20	
95	5.3	5.282	20	
96	5.3	5.589	20	
97	5.3	5.648	20	
98	5.3	5.579	20	
99	5.3	5.443	20	
100	5.3	5.672	20	
Trail 2				
1	5.3	5.434	20	
2	5.3	5.645	20	
3	5.3	5.261	20	
4	5.3	5.411	20	
5	5.3	5.718	20	

6	5.3	5.568	20	
7	5.3	5.491	20	
8	5.3	5.571	20	
9	5.3	5.443	20	
10	5.3	5.373	20	
11	5.3	5.703	20	
12	5.3	5.448	20	
13	5.3	5.659	20	
14	5.3	5.636	20	
15	5.3	5.3	20	*
16	5.3	5.433	20	
17	5.3	5.408	20	
18	5.3	5.624	20	
19	5.3	5.489	20	
20	5.3	5.702	20	
21	5.3	5.484	20	
22	5.3	5.712	20	
23	5.3	5.54	20	
24	5.3	5.48	20	
25	5.3	5.327	20	
26	5.3	5.494	20	
27	5.3	5.262	20	
28	5.3	5.467	20	
29	5.3	5.663	20	
30	5.3	5.412	20	
31	5.3	5.694	20	
32	5.3	5.418	20	
33	5.3	5.297	20	*
34	5.3	5.575	20	
35	5.3	5.385	20	
36	5.3	5.289	20	
37	5.3	5.717	20	
38	5.3	5.397	20	
39	5.3	5.374	20	
40	5.3	5.427	20	
41	5.3	5.485	20	
42	5.3	5.644	20	
43	5.3	5.72	20	
44	5.3	5.685	20	
45	5.3	5.348	20	
46	5.3	5.295	20	*
47	5.3	5.709	20	
48	5.3	5.622	20	
49	5.3	5.542	20	
50	5.3	5.444	20	
51	5.3	5.314	20	
52	5.3	5.26	20	
53	5.3	5.557	20	
54	5.3	5.286	20	
55	5.3	5.465	20	
56	5.3	5.362	20	
57	5.3	5.278	20	
58	5.3	5.487	20	
59	5.3	5.686	20	
60	5.3	5.37	20	
61	5.3	5.563	20	

62	5.3	5.294	20	*
63	5.3	5.684	20	
64	5.3	5.526	20	
65	5.3	5.642	20	
66	5.3	5.564	20	
67	5.3	5.503	20	
68	5.3	5.6	20	
69	5.3	5.301	20	*
70	5.3	5.315	20	
71	5.3	5.382	20	
72	5.3	5.527	20	
73	5.3	5.641	20	
74	5.3	5.581	20	
75	5.3	5.368	20	
76	5.3	5.352	20	
77	5.3	5.625	20	
78	5.3	5.437	20	
79	5.3	5.671	20	
80	5.3	5.379	20	
81	5.3	5.421	20	
82	5.3	5.719	20	
83	5.3	5.326	20	
84	5.3	5.471	20	
85	5.3	5.498	20	
86	5.3	5.654	20	
87	5.3	5.555	20	
88	5.3	5.553	20	
89	5.3	5.466	20	
90	5.3	5.506	20	
91	5.3	5.272	20	
92	5.3	5.324	20	
93	5.3	5.416	20	
94	5.3	5.442	20	
95	5.3	5.64	20	
96	5.3	5.389	20	
97	5.3	5.701	20	
98	5.3	5.558	20	
99	5.3	5.329	20	
100	5.3	5.271	20	
Trail 3				
1	5.3	5.282	20	
2	5.3	5.694	20	
3	5.3	5.679	20	
4	5.3	5.354	20	
5	5.3	5.451	20	
6	5.3	5.27	20	
7	5.3	5.722	20	
8	5.3	5.632	20	
9	5.3	5.549	20	
10	5.3	5.309	20	*
11	5.3	5.369	20	
12	5.3	5.47	20	
13	5.3	5.523	20	
14	5.3	5.455	20	
15	5.3	5.5	20	
16	5.3	5.507	20	

17	5.3	5.286	20	
18	5.3	5.581	20	
19	5.3	5.388	20	
20	5.3	5.655	20	
21	5.3	5.554	20	
22	5.3	5.707	20	
23	5.3	5.306	20	*
24	5.3	5.337	20	
25	5.3	5.426	20	
26	5.3	5.371	20	
27	5.3	5.406	20	
28	5.3	5.497	20	
29	5.3	5.649	20	
30	5.3	5.422	20	
31	5.3	5.601	20	
32	5.3	5.539	20	
33	5.3	5.368	20	
34	5.3	5.437	20	
35	5.3	5.654	20	
36	5.3	5.639	20	
37	5.3	5.329	20	
38	5.3	5.576	20	
39	5.3	5.416	20	
40	5.3	5.703	20	
41	5.3	5.642	20	
42	5.3	5.348	20	
43	5.3	5.491	20	
44	5.3	5.444	20	
45	5.3	5.341	20	
46	5.3	5.289	20	
47	5.3	5.357	20	
48	5.3	5.377	20	
49	5.3	5.6	20	
50	5.3	5.256	20	
51	5.3	5.714	20	
52	5.3	5.668	20	
53	5.3	5.435	20	
54	5.3	5.577	20	
55	5.3	5.548	20	
56	5.3	5.671	20	
57	5.3	5.272	20	
58	5.3	5.265	20	
59	5.3	5.254	20	
60	5.3	5.413	20	
61	5.3	5.468	20	
62	5.3	5.28	20	
63	5.3	5.585	20	
64	5.3	5.526	20	
65	5.3	5.394	20	
66	5.3	5.392	20	
67	5.3	5.313	20	
68	5.3	5.449	20	
69	5.3	5.58	20	
70	5.3	5.479	20	
71	5.3	5.263	20	
72	5.3	5.657	20	

73	5.3	5.438	20	
74	5.3	5.504	20	
75	5.3	5.49	20	
76	5.3	5.558	20	
77	5.3	5.458	20	
78	5.3	5.717	20	
79	5.3	5.568	20	
80	5.3	5.494	20	
81	5.3	5.567	20	
82	5.3	5.473	20	
83	5.3	5.336	20	
84	5.3	5.544	20	
85	5.3	5.723	20	
86	5.3	5.457	20	
87	5.3	5.304	20	*
88	5.3	5.515	20	
89	5.3	5.346	20	
90	5.3	5.397	20	
91	5.3	5.402	20	
92	5.3	5.569	20	
93	5.3	5.619	20	
94	5.3	5.465	20	
95	5.3	5.439	20	
96	5.3	5.499	20	
97	5.3	5.613	20	
98	5.3	5.578	20	
99	5.3	5.505	20	
100	5.3	5.493	20	
Trail 4				
1	5.3	5.392	20	
2	5.3	5.333	20	
3	5.3	5.393	20	
4	5.3	5.285	20	
5	5.3	5.412	20	
6	5.3	5.643	20	
7	5.3	5.708	20	
8	5.3	5.675	20	
9	5.3	5.435	20	
10	5.3	5.432	20	
11	5.3	5.633	20	
12	5.3	5.325	20	
13	5.3	5.495	20	
14	5.3	5.574	20	
15	5.3	5.659	20	
16	5.3	5.416	20	
17	5.3	5.626	20	
18	5.3	5.318	20	
19	5.3	5.295	20	*
20	5.3	5.388	20	
21	5.3	5.648	20	
22	5.3	5.548	20	
23	5.3	5.523	20	
24	5.3	5.37	20	
25	5.3	5.411	20	
26	5.3	5.64	20	
27	5.3	5.607	20	

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28	5.3	5.289	20	
29	5.3	5.274	20	
30	5.3	5.439	20	
31	5.3	5.702	20	
32	5.3	5.51	20	
33	5.3	5.279	20	
34	5.3	5.59	20	
35	5.3	5.55	20	
36	5.3	5.348	20	
37	5.3	5.287	20	
38	5.3	5.492	20	
39	5.3	5.384	20	
40	5.3	5.496	20	
41	5.3	5.427	20	
42	5.3	5.311	20	
43	5.3	5.623	20	
44	5.3	5.306	20	*
45	5.3	5.378	20	
46	5.3	5.498	20	
47	5.3	5.554	20	
48	5.3	5.266	20	
49	5.3	5.323	20	
50	5.3	5.601	20	
51	5.3	5.32	20	
52	5.3	5.351	20	
53	5.3	5.619	20	
54	5.3	5.26	20	
55	5.3	5.537	20	
56	5.3	5.65	20	
57	5.3	5.724	20	
58	5.3	5.596	20	
59	5.3	5.46	20	
60	5.3	5.38	20	
61	5.3	5.609	20	
62	5.3	5.397	20	
63	5.3	5.683	20	
64	5.3	5.394	20	
65	5.3	5.366	20	
66	5.3	5.45	20	
67	5.3	5.456	20	
68	5.3	5.631	20	
69	5.3	5.615	20	
70	5.3	5.509	20	
71	5.3	5.471	20	
72	5.3	5.317	20	
73	5.3	5.552	20	
74	5.3	5.722	20	
75	5.3	5.585	20	
76	5.3	5.408	20	
77	5.3	5.481	20	
78	5.3	5.462	20	
79	5.3	5.512	20	
80	5.3	5.273	20	
81	5.3	5.696	20	
82	5.3	5.693	20	
83	5.3	5.331	20	

84	5.3	5.334	20	
85	5.3	5.7	20	
86	5.3	5.301	20	*
87	5.3	5.302	20	*
88	5.3	5.484	20	
89	5.3	5.482	20	
90	5.3	5.344	20	
91	5.3	5.473	20	
92	5.3	5.641	20	
93	5.3	5.489	20	
94	5.3	5.298	20	*
95	5.3	5.519	20	
96	5.3	5.624	20	
97	5.3	5.628	20	
98	5.3	5.709	20	
99	5.3	5.447	20	
100	5.3	5.527	20	
Trail 5				
1	5.3	5.25	20	
2	5.3	5.578	20	
3	5.3	5.525	20	
4	5.3	5.277	20	
5	5.3	5.663	20	
6	5.3	5.635	20	
7	5.3	5.597	20	
8	5.3	5.352	20	
9	5.3	5.371	20	
10	5.3	5.46	20	
11	5.3	5.532	20	
12	5.3	5.451	20	
13	5.3	5.529	20	
14	5.3	5.354	20	
15	5.3	5.694	20	
16	5.3	5.405	20	
17	5.3	5.569	20	
18	5.3	5.384	20	
19	5.3	5.599	20	
20	5.3	5.34	20	
21	5.3	5.679	20	
22	5.3	5.59	20	
23	5.3	5.507	20	
24	5.3	5.363	20	
25	5.3	5.365	20	
26	5.3	5.713	20	
27	5.3	5.468	20	
28	5.3	5.496	20	
29	5.3	5.37	20	
30	5.3	5.706	20	
31	5.3	5.67	20	
32	5.3	5.536	20	
33	5.3	5.702	20	
34	5.3	5.332	20	
35	5.3	5.276	20	
36	5.3	5.604	20	
37	5.3	5.56	20	
38	5.3	5.572	20	

39	5.3	5.693	20	
40	5.3	5.266	20	
41	5.3	5.27	20	
42	5.3	5.36	20	
43	5.3	5.596	20	
44	5.3	5.305	20	*
45	5.3	5.531	20	
46	5.3	5.668	20	
47	5.3	5.39	20	
48	5.3	5.423	20	
49	5.3	5.477	20	
50	5.3	5.546	20	
51	5.3	5.55	20	
52	5.3	5.351	20	
53	5.3	5.547	20	
54	5.3	5.376	20	
55	5.3	5.263	20	
56	5.3	5.71	20	
57	5.3	5.429	20	
58	5.3	5.299	20	*
59	5.3	5.506	20	
60	5.3	5.519	20	
61	5.3	5.274	20	
62	5.3	5.472	20	
63	5.3	5.486	20	
64	5.3	5.286	20	
65	5.3	5.411	20	
66	5.3	5.383	20	
67	5.3	5.301	20	*
68	5.3	5.445	20	
69	5.3	5.304	20	*
70	5.3	5.685	20	
71	5.3	5.675	20	
72	5.3	5.261	20	
73	5.3	5.491	20	
74	5.3	5.439	20	
75	5.3	5.448	20	
76	5.3	5.552	20	
77	5.3	5.48	20	
78	5.3	5.281	20	
79	5.3	5.283	20	
80	5.3	5.708	20	
81	5.3	5.419	20	
82	5.3	5.676	20	
83	5.3	5.427	20	
84	5.3	5.636	20	
85	5.3	5.632	20	
86	5.3	5.321	20	
87	5.3	5.58	20	
88	5.3	5.61	20	
89	5.3	5.51	20	
90	5.3	5.268	20	
91	5.3	5.686	20	
92	5.3	5.719	20	
93	5.3	5.553	20	
94	5.3	5.717	20	

95	5.3	5.458	20		
96	5.3	5.689	20		
97	5.3	5.4	20		
98	5.3	5.625	20		
99	5.3	5.63	20		
100	5.3	5.452	20		
Trail 6					
1	5.3	5.7	20		
2	5.3	5.47	20		
3	5.3	5.685	20		
4	5.3	5.257	20		
5	5.3	5.351	20		
6	5.3	5.602	20		
7	5.3	5.269	20		
8	5.3	5.699	20		
9	5.3	5.274	20		
10	5.3	5.549	20		
11	5.3	5.708	20		
12	5.3	5.465	20		
13	5.3	5.513	20		
14	5.3	5.551	20		
15	5.3	5.325	20		
16	5.3	5.466	20		
17	5.3	5.721	20		
18	5.3	5.488	20		
19	5.3	5.261	20		
20	5.3	5.523	20		
21	5.3	5.701	20		
22	5.3	5.688	20		
23	5.3	5.273	20		
24	5.3	5.647	20		
25	5.3	5.376	20		
26	5.3	5.554	20		
27	5.3	5.61	20		
28	5.3	5.575	20		
29	5.3	5.333	20		
30	5.3	5.636	20		
31	5.3	5.697	20		
32	5.3	5.314	20		
33	5.3	5.307	20	*	
34	5.3	5.568	20		
35	5.3	5.29	20	*	
36	5.3	5.709	20		
37	5.3	5.324	20		
38	5.3	5.444	20		
39	5.3	5.401	20		
40	5.3	5.448	20		
41	5.3	5.689	20		
42	5.3	5.489	20		
43	5.3	5.58	20		
44	5.3	5.657	20		
45	5.3	5.323	20		
46	5.3	5.527	20		
47	5.3	5.41	20		
48	5.3	5.542	20		
49	5.3	5.656	20		

50	5.3	5.538	20	
51	5.3	5.704	20	
52	5.3	5.518	20	
53	5.3	5.666	20	
54	5.3	5.443	20	
55	5.3	5.68	20	
56	5.3	5.408	20	
57	5.3	5.71	20	
58	5.3	5.589	20	
59	5.3	5.312	20	
60	5.3	5.713	20	
61	5.3	5.297	20	*
62	5.3	5.264	20	
63	5.3	5.64	20	
64	5.3	5.582	20	
65	5.3	5.639	20	
66	5.3	5.27	20	
67	5.3	5.711	20	
68	5.3	5.385	20	
69	5.3	5.37	20	
70	5.3	5.439	20	
71	5.3	5.405	20	
72	5.3	5.346	20	
73	5.3	5.56	20	
74	5.3	5.611	20	
75	5.3	5.277	20	
76	5.3	5.682	20	
77	5.3	5.339	20	
78	5.3	5.539	20	
79	5.3	5.643	20	
80	5.3	5.296	20	*
81	5.3	5.55	20	
82	5.3	5.498	20	
83	5.3	5.285	20	
84	5.3	5.652	20	
85	5.3	5.432	20	
86	5.3	5.629	20	
87	5.3	5.415	20	
88	5.3	5.665	20	
89	5.3	5.474	20	
90	5.3	5.516	20	
91	5.3	5.556	20	
92	5.3	5.298	20	*
93	5.3	5.635	20	
94	5.3	5.552	20	
95	5.3	5.417	20	
96	5.3	5.381	20	
97	5.3	5.342	20	
98	5.3	5.428	20	
99	5.3	5.384	20	
100	5.3	5.564	20	
Trail 7				
1	5.3	5.494	20	
2	5.3	5.349	20	
3	5.3	5.436	20	
4	5.3	5.544	20	

5	5.3	5.703	20	
6	5.3	5.539	20	
7	5.3	5.422	20	
8	5.3	5.606	20	
9	5.3	5.706	20	
10	5.3	5.387	20	
11	5.3	5.503	20	
12	5.3	5.334	20	
13	5.3	5.632	20	
14	5.3	5.561	20	
15	5.3	5.591	20	
16	5.3	5.326	20	
17	5.3	5.393	20	
18	5.3	5.414	20	
19	5.3	5.421	20	
20	5.3	5.309	20	*
21	5.3	5.574	20	
22	5.3	5.333	20	
23	5.3	5.704	20	
24	5.3	5.271	20	
25	5.3	5.35	20	
26	5.3	5.63	20	
27	5.3	5.705	20	
28	5.3	5.321	20	
29	5.3	5.325	20	
30	5.3	5.523	20	
31	5.3	5.538	20	
32	5.3	5.709	20	
33	5.3	5.282	20	
34	5.3	5.57	20	
35	5.3	5.665	20	
36	5.3	5.564	20	
37	5.3	5.597	20	
38	5.3	5.403	20	
39	5.3	5.711	20	
40	5.3	5.685	20	
41	5.3	5.346	20	
42	5.3	5.386	20	
43	5.3	5.402	20	
44	5.3	5.701	20	
45	5.3	5.666	20	
46	5.3	5.508	20	
47	5.3	5.289	20	
48	5.3	5.548	20	
49	5.3	5.645	20	
50	5.3	5.495	20	
51	5.3	5.454	20	
52	5.3	5.428	20	
53	5.3	5.566	20	
54	5.3	5.408	20	
55	5.3	5.529	20	
56	5.3	5.609	20	
57	5.3	5.401	20	
58	5.3	5.438	20	
59	5.3	5.651	20	
60	5.3	5.655	20	

61	5.3	5.644	20	
62	5.3	5.352	20	
63	5.3	5.278	20	
64	5.3	5.382	20	
65	5.3	5.619	20	
66	5.3	5.487	20	
67	5.3	5.679	20	
68	5.3	5.384	20	
69	5.3	5.649	20	
70	5.3	5.528	20	
71	5.3	5.407	20	
72	5.3	5.585	20	
73	5.3	5.516	20	
74	5.3	5.433	20	
75	5.3	5.303	20	*
76	5.3	5.483	20	
77	5.3	5.486	20	
78	5.3	5.258	20	
79	5.3	5.347	20	
80	5.3	5.307	20	*
81	5.3	5.395	20	
82	5.3	5.356	20	
83	5.3	5.576	20	
84	5.3	5.298	20	*
85	5.3	5.537	20	
86	5.3	5.602	20	
87	5.3	5.64	20	
88	5.3	5.288	20	
89	5.3	5.616	20	
90	5.3	5.469	20	
91	5.3	5.626	20	
92	5.3	5.505	20	
93	5.3	5.51	20	
94	5.3	5.531	20	
95	5.3	5.425	20	
96	5.3	5.404	20	
97	5.3	5.322	20	
98	5.3	5.658	20	
99	5.3	5.449	20	
100	5.3	5.618	20	
Trail 8				
1	5.3	5.477	20	
2	5.3	5.699	20	
3	5.3	5.629	20	
4	5.3	5.364	20	
5	5.3	5.393	20	
6	5.3	5.347	20	
7	5.3	5.373	20	
8	5.3	5.387	20	
9	5.3	5.626	20	
10	5.3	5.403	20	
11	5.3	5.343	20	
12	5.3	5.671	20	
13	5.3	5.609	20	
14	5.3	5.31	20	*
15	5.3	5.483	20	

16	5.3	5.639	20	
17	5.3	5.583	20	
18	5.3	5.352	20	
19	5.3	5.581	20	
20	5.3	5.337	20	
21	5.3	5.317	20	
22	5.3	5.682	20	
23	5.3	5.67	20	
24	5.3	5.279	20	
25	5.3	5.595	20	
26	5.3	5.391	20	
27	5.3	5.329	20	
28	5.3	5.472	20	
29	5.3	5.633	20	
30	5.3	5.562	20	
31	5.3	5.342	20	
32	5.3	5.614	20	
33	5.3	5.414	20	
34	5.3	5.542	20	
35	5.3	5.454	20	
36	5.3	5.389	20	
37	5.3	5.708	20	
38	5.3	5.665	20	
39	5.3	5.359	20	
40	5.3	5.604	20	
41	5.3	5.323	20	
42	5.3	5.395	20	
43	5.3	5.435	20	
44	5.3	5.663	20	
45	5.3	5.684	20	
46	5.3	5.278	20	
47	5.3	5.528	20	
48	5.3	5.656	20	
49	5.3	5.356	20	
50	5.3	5.514	20	
51	5.3	5.268	20	
52	5.3	5.383	20	
53	5.3	5.522	20	
54	5.3	5.714	20	
55	5.3	5.534	20	
56	5.3	5.509	20	
57	5.3	5.344	20	
58	5.3	5.5	20	
59	5.3	5.591	20	
60	5.3	5.259	20	
61	5.3	5.282	20	
62	5.3	5.284	20	
63	5.3	5.443	20	
64	5.3	5.487	20	
65	5.3	5.29	20	*
66	5.3	5.713	20	
67	5.3	5.384	20	
68	5.3	5.25	20	
69	5.3	5.687	20	
70	5.3	5.306	20	*
71	5.3	5.429	20	

72	5.3	5.598	20	
73	5.3	5.577	20	
74	5.3	5.653	20	
75	5.3	5.438	20	
76	5.3	5.416	20	
77	5.3	5.37	20	
78	5.3	5.623	20	
79	5.3	5.51	20	
80	5.3	5.309	20	*
81	5.3	5.439	20	
82	5.3	5.32	20	
83	5.3	5.345	20	
84	5.3	5.723	20	
85	5.3	5.72	20	
86	5.3	5.419	20	
87	5.3	5.718	20	
88	5.3	5.255	20	
89	5.3	5.597	20	
90	5.3	5.273	20	
91	5.3	5.442	20	
92	5.3	5.517	20	
93	5.3	5.374	20	
94	5.3	5.678	20	
95	5.3	5.43	20	
96	5.3	5.28	20	
97	5.3	5.527	20	
98	5.3	5.615	20	
99	5.3	5.519	20	
100	5.3	5.578	20	
Trail 9				
1	5.3	5.7	20	
2	5.3	5.421	20	
3	5.3	5.465	20	
4	5.3	5.268	20	
5	5.3	5.302	20	*
6	5.3	5.355	20	
7	5.3	5.629	20	
8	5.3	5.388	20	
9	5.3	5.315	20	
10	5.3	5.685	20	
11	5.3	5.407	20	
12	5.3	5.511	20	
13	5.3	5.347	20	
14	5.3	5.498	20	
15	5.3	5.722	20	
16	5.3	5.326	20	
17	5.3	5.464	20	
18	5.3	5.332	20	
19	5.3	5.65	20	
20	5.3	5.352	20	
21	5.3	5.311	20	
22	5.3	5.272	20	
23	5.3	5.382	20	
24	5.3	5.571	20	
25	5.3	5.426	20	
26	5.3	5.57	20	

27	5.3	5.627	20	
28	5.3	5.652	20	
29	5.3	5.555	20	
30	5.3	5.55	20	
31	5.3	5.397	20	
32	5.3	5.684	20	
33	5.3	5.496	20	
34	5.3	5.406	20	
35	5.3	5.676	20	
36	5.3	5.448	20	
37	5.3	5.33	20	
38	5.3	5.398	20	
39	5.3	5.542	20	
40	5.3	5.595	20	
41	5.3	5.342	20	
42	5.3	5.383	20	
43	5.3	5.408	20	
44	5.3	5.405	20	
45	5.3	5.576	20	
46	5.3	5.439	20	
47	5.3	5.594	20	
48	5.3	5.364	20	
49	5.3	5.693	20	
50	5.3	5.45	20	
51	5.3	5.28	20	
52	5.3	5.643	20	
53	5.3	5.473	20	
54	5.3	5.281	20	
55	5.3	5.338	20	
56	5.3	5.598	20	
57	5.3	5.535	20	
58	5.3	5.42	20	
59	5.3	5.581	20	
60	5.3	5.271	20	
61	5.3	5.516	20	
62	5.3	5.431	20	
63	5.3	5.486	20	
64	5.3	5.373	20	
65	5.3	5.35	20	
66	5.3	5.556	20	
67	5.3	5.558	20	
68	5.3	5.399	20	
69	5.3	5.289	20	
70	5.3	5.642	20	
71	5.3	5.449	20	
72	5.3	5.618	20	
73	5.3	5.385	20	
74	5.3	5.277	20	
75	5.3	5.312	20	
76	5.3	5.599	20	
77	5.3	5.546	20	
78	5.3	5.586	20	
79	5.3	5.584	20	
80	5.3	5.353	20	
81	5.3	5.711	20	
82	5.3	5.587	20	

83	5.3	5.552	20	
84	5.3	5.527	20	
85	5.3	5.444	20	
86	5.3	5.455	20	
87	5.3	5.532	20	
88	5.3	5.459	20	
89	5.3	5.262	20	
90	5.3	5.71	20	
91	5.3	5.515	20	
92	5.3	5.602	20	
93	5.3	5.714	20	
94	5.3	5.53	20	
95	5.3	5.469	20	
96	5.3	5.536	20	
97	5.3	5.414	20	
98	5.3	5.607	20	
99	5.3	5.674	20	
100	5.3	5.68	20	
Trail 10				
1	5.3	5.664	20	
2	5.3	5.561	20	
3	5.3	5.453	20	
4	5.3	5.717	20	
5	5.3	5.502	20	
6	5.3	5.255	20	
7	5.3	5.506	20	
8	5.3	5.585	20	
9	5.3	5.649	20	
10	5.3	5.412	20	
11	5.3	5.486	20	
12	5.3	5.253	20	
13	5.3	5.348	20	
14	5.3	5.335	20	
15	5.3	5.378	20	
16	5.3	5.535	20	
17	5.3	5.33	20	
18	5.3	5.571	20	
19	5.3	5.448	20	
20	5.3	5.275	20	
21	5.3	5.577	20	
22	5.3	5.257	20	
23	5.3	5.584	20	
24	5.3	5.49	20	
25	5.3	5.695	20	
26	5.3	5.487	20	
27	5.3	5.519	20	
28	5.3	5.398	20	
29	5.3	5.567	20	
30	5.3	5.444	20	
31	5.3	5.339	20	
32	5.3	5.536	20	
33	5.3	5.565	20	
34	5.3	5.624	20	
35	5.3	5.714	20	
36	5.3	5.406	20	
37	5.3	5.638	20	

38	5.3	5.44	20	
39	5.3	5.633	20	
40	5.3	5.699	20	
41	5.3	5.608	20	
42	5.3	5.396	20	
43	5.3	5.703	20	
44	5.3	5.674	20	
45	5.3	5.373	20	
46	5.3	5.376	20	
47	5.3	5.374	20	
48	5.3	5.262	20	
49	5.3	5.416	20	
50	5.3	5.578	20	
51	5.3	5.541	20	
52	5.3	5.37	20	
53	5.3	5.546	20	
54	5.3	5.324	20	
55	5.3	5.26	20	
56	5.3	5.532	20	
57	5.3	5.318	20	
58	5.3	5.358	20	
59	5.3	5.29	20	*
60	5.3	5.287	20	
61	5.3	5.55	20	
62	5.3	5.529	20	
63	5.3	5.503	20	
64	5.3	5.661	20	
65	5.3	5.673	20	
66	5.3	5.521	20	
67	5.3	5.636	20	
68	5.3	5.499	20	
69	5.3	5.645	20	
70	5.3	5.698	20	
71	5.3	5.307	20	*
72	5.3	5.298	20	*
73	5.3	5.43	20	
74	5.3	5.592	20	
75	5.3	5.342	20	
76	5.3	5.68	20	
77	5.3	5.63	20	
78	5.3	5.613	20	
79	5.3	5.625	20	
80	5.3	5.333	20	
81	5.3	5.361	20	
82	5.3	5.35	20	
83	5.3	5.276	20	
84	5.3	5.579	20	
85	5.3	5.694	20	
86	5.3	5.58	20	
87	5.3	5.329	20	
88	5.3	5.562	20	
89	5.3	5.62	20	
90	5.3	5.434	20	
91	5.3	5.523	20	
92	5.3	5.514	20	
93	5.3	5.518	20	

94	5.3	5.471	20	
95	5.3	5.57	20	
96	5.3	5.477	20	
97	5.3	5.291	20	*
98	5.3	5.688	20	
99	5.3	5.355	20	
100	5.3	5.484	20	
Trail 11				
1	5.3	5.469	20	
2	5.3	5.553	20	
3	5.3	5.643	20	
4	5.3	5.604	20	
5	5.3	5.642	20	
6	5.3	5.492	20	
7	5.3	5.29	20	*
8	5.3	5.519	20	
9	5.3	5.677	20	
10	5.3	5.44	20	
11	5.3	5.271	20	
12	5.3	5.461	20	
13	5.3	5.712	20	
14	5.3	5.608	20	
15	5.3	5.584	20	
16	5.3	5.399	20	
17	5.3	5.671	20	
18	5.3	5.301	20	*
19	5.3	5.267	20	
20	5.3	5.581	20	
21	5.3	5.564	20	
22	5.3	5.487	20	
23	5.3	5.452	20	
24	5.3	5.72	20	
25	5.3	5.316	20	
26	5.3	5.672	20	
27	5.3	5.704	20	
28	5.3	5.449	20	
29	5.3	5.597	20	
30	5.3	5.517	20	
31	5.3	5.315	20	
32	5.3	5.503	20	
33	5.3	5.722	20	
34	5.3	5.491	20	
35	5.3	5.456	20	
36	5.3	5.724	20	
37	5.3	5.716	20	
38	5.3	5.558	20	
39	5.3	5.296	20	*
40	5.3	5.697	20	
41	5.3	5.69	20	
42	5.3	5.595	20	
43	5.3	5.61	20	
44	5.3	5.587	20	
45	5.3	5.56	20	
46	5.3	5.658	20	
47	5.3	5.667	20	
48	5.3	5.708	20	

49	5.3	5.387	20		
50	5.3	5.294	20	*	
51	5.3	5.297	20	*	
52	5.3	5.693	20		
53	5.3	5.516	20		
54	5.3	5.464	20		
55	5.3	5.556	20		
56	5.3	5.395	20		
57	5.3	5.482	20		
58	5.3	5.57	20		
59	5.3	5.344	20		
60	5.3	5.615	20		
61	5.3	5.4	20		
62	5.3	5.635	20		
63	5.3	5.406	20		
64	5.3	5.351	20		
65	5.3	5.343	20		
66	5.3	5.425	20		
67	5.3	5.715	20		
68	5.3	5.644	20		
69	5.3	5.446	20		
70	5.3	5.386	20		
71	5.3	5.701	20		
72	5.3	5.317	20		
73	5.3	5.674	20		
74	5.3	5.576	20		
75	5.3	5.421	20		
76	5.3	5.383	20		
77	5.3	5.668	20		
78	5.3	5.255	20		
79	5.3	5.303	20	*	
80	5.3	5.418	20		
81	5.3	5.34	20		
82	5.3	5.55	20		
83	5.3	5.48	20		
84	5.3	5.357	20		
85	5.3	5.373	20		
86	5.3	5.652	20		
87	5.3	5.302	20	*	
88	5.3	5.605	20		
89	5.3	5.681	20		
90	5.3	5.485	20		
91	5.3	5.479	20		
92	5.3	5.428	20		
93	5.3	5.601	20		
94	5.3	5.661	20		
95	5.3	5.706	20		
96	5.3	5.535	20		
97	5.3	5.634	20		
98	5.3	5.42	20		
99	5.3	5.676	20		
100	5.3	5.705	20		
Trail 12					
1	5.3	5.281	20		
2	5.3	5.538	20		
3	5.3	5.287	20		

4	5.3	5.37	20	
5	5.3	5.27	20	
6	5.3	5.586	20	
7	5.3	5.344	20	
8	5.3	5.351	20	
9	5.3	5.522	20	
10	5.3	5.712	20	
11	5.3	5.529	20	
12	5.3	5.555	20	
13	5.3	5.532	20	
14	5.3	5.278	20	
15	5.3	5.582	20	
16	5.3	5.629	20	
17	5.3	5.655	20	
18	5.3	5.568	20	
19	5.3	5.285	20	
20	5.3	5.326	20	
21	5.3	5.62	20	
22	5.3	5.554	20	
23	5.3	5.429	20	
24	5.3	5.704	20	
25	5.3	5.356	20	
26	5.3	5.578	20	
27	5.3	5.533	20	
28	5.3	5.537	20	
29	5.3	5.353	20	
30	5.3	5.55	20	
31	5.3	5.579	20	
32	5.3	5.438	20	
33	5.3	5.265	20	
34	5.3	5.61	20	
35	5.3	5.375	20	
36	5.3	5.5	20	
37	5.3	5.674	20	
38	5.3	5.347	20	
39	5.3	5.713	20	
40	5.3	5.544	20	
41	5.3	5.625	20	
42	5.3	5.687	20	
43	5.3	5.527	20	
44	5.3	5.724	20	
45	5.3	5.336	20	
46	5.3	5.585	20	
47	5.3	5.421	20	
48	5.3	5.487	20	
49	5.3	5.273	20	
50	5.3	5.448	20	
51	5.3	5.449	20	
52	5.3	5.396	20	
53	5.3	5.615	20	
54	5.3	5.286	20	
55	5.3	5.437	20	
56	5.3	5.516	20	
57	5.3	5.588	20	
58	5.3	5.553	20	
59	5.3	5.549	20	

60	5.3	5.548	20	
61	5.3	5.675	20	
62	5.3	5.325	20	
63	5.3	5.321	20	
64	5.3	5.323	20	
65	5.3	5.698	20	
66	5.3	5.272	20	
67	5.3	5.454	20	
68	5.3	5.503	20	
69	5.3	5.511	20	
70	5.3	5.606	20	
71	5.3	5.49	20	
72	5.3	5.574	20	
73	5.3	5.377	20	
74	5.3	5.589	20	
75	5.3	5.689	20	
76	5.3	5.299	20	*
77	5.3	5.466	20	
78	5.3	5.366	20	
79	5.3	5.488	20	
80	5.3	5.337	20	
81	5.3	5.372	20	
82	5.3	5.652	20	
83	5.3	5.433	20	
84	5.3	5.682	20	
85	5.3	5.631	20	
86	5.3	5.722	20	
87	5.3	5.681	20	
88	5.3	5.638	20	
89	5.3	5.46	20	
90	5.3	5.633	20	
91	5.3	5.312	20	
92	5.3	5.474	20	
93	5.3	5.618	20	
94	5.3	5.308	20	*
95	5.3	5.54	20	
96	5.3	5.539	20	
97	5.3	5.677	20	
98	5.3	5.624	20	
99	5.3	5.403	20	
100	5.3	5.651	20	
Trail 13				
1	5.3	5.336	20	
2	5.3	5.616	20	
3	5.3	5.705	20	
4	5.3	5.286	20	
5	5.3	5.459	20	
6	5.3	5.37	20	
7	5.3	5.267	20	
8	5.3	5.322	20	
9	5.3	5.637	20	
10	5.3	5.264	20	
11	5.3	5.7	20	
12	5.3	5.427	20	
13	5.3	5.369	20	
14	5.3	5.393	20	

15	5.3	5.577	20	
16	5.3	5.695	20	
17	5.3	5.573	20	
18	5.3	5.319	20	
19	5.3	5.568	20	
20	5.3	5.642	20	
21	5.3	5.579	20	
22	5.3	5.401	20	
23	5.3	5.499	20	
24	5.3	5.6	20	
25	5.3	5.363	20	
26	5.3	5.563	20	
27	5.3	5.706	20	
28	5.3	5.483	20	
29	5.3	5.335	20	
30	5.3	5.539	20	
31	5.3	5.531	20	
32	5.3	5.671	20	
33	5.3	5.555	20	
34	5.3	5.627	20	
35	5.3	5.353	20	
36	5.3	5.631	20	
37	5.3	5.653	20	
38	5.3	5.479	20	
39	5.3	5.565	20	
40	5.3	5.57	20	
41	5.3	5.543	20	
42	5.3	5.309	20	*
43	5.3	5.452	20	
44	5.3	5.64	20	
45	5.3	5.357	20	
46	5.3	5.571	20	
47	5.3	5.599	20	
48	5.3	5.481	20	
49	5.3	5.696	20	
50	5.3	5.634	20	
51	5.3	5.72	20	
52	5.3	5.602	20	
53	5.3	5.476	20	
54	5.3	5.703	20	
55	5.3	5.697	20	
56	5.3	5.595	20	
57	5.3	5.455	20	
58	5.3	5.389	20	
59	5.3	5.434	20	
60	5.3	5.283	20	
61	5.3	5.625	20	
62	5.3	5.471	20	
63	5.3	5.566	20	
64	5.3	5.498	20	
65	5.3	5.312	20	
66	5.3	5.717	20	
67	5.3	5.628	20	
68	5.3	5.291	20	*
69	5.3	5.27	20	
70	5.3	5.342	20	

71	5.3	5.449	20	
72	5.3	5.641	20	
73	5.3	5.509	20	
74	5.3	5.356	20	
75	5.3	5.576	20	
76	5.3	5.258	20	
77	5.3	5.477	20	
78	5.3	5.402	20	
79	5.3	5.621	20	
80	5.3	5.658	20	
81	5.3	5.504	20	
82	5.3	5.278	20	
83	5.3	5.425	20	
84	5.3	5.394	20	
85	5.3	5.293	20	*
86	5.3	5.448	20	
87	5.3	5.315	20	
88	5.3	5.325	20	
89	5.3	5.4	20	
90	5.3	5.678	20	
91	5.3	5.478	20	
92	5.3	5.551	20	
93	5.3	5.611	20	
94	5.3	5.359	20	
95	5.3	5.635	20	
96	5.3	5.352	20	
97	5.3	5.284	20	
98	5.3	5.292	20	*
99	5.3	5.379	20	
100	5.3	5.307	20	*
Trail 14				
1	5.3	5.486	20	
2	5.3	5.43	20	
3	5.3	5.641	20	
4	5.3	5.566	20	
5	5.3	5.693	20	
6	5.3	5.604	20	
7	5.3	5.417	20	
8	5.3	5.257	20	
9	5.3	5.598	20	
10	5.3	5.504	20	
11	5.3	5.441	20	
12	5.3	5.26	20	
13	5.3	5.497	20	
14	5.3	5.389	20	
15	5.3	5.37	20	
16	5.3	5.278	20	
17	5.3	5.315	20	
18	5.3	5.268	20	
19	5.3	5.264	20	
20	5.3	5.399	20	
21	5.3	5.48	20	
22	5.3	5.405	20	
23	5.3	5.253	20	
24	5.3	5.27	20	
25	5.3	5.492	20	

26	5.3	5.52	20	
27	5.3	5.584	20	
28	5.3	5.477	20	
29	5.3	5.694	20	
30	5.3	5.346	20	
31	5.3	5.586	20	
32	5.3	5.418	20	
33	5.3	5.498	20	
34	5.3	5.559	20	
35	5.3	5.345	20	
36	5.3	5.541	20	
37	5.3	5.708	20	
38	5.3	5.339	20	
39	5.3	5.673	20	
40	5.3	5.293	20	*
41	5.3	5.305	20	*
42	5.3	5.426	20	
43	5.3	5.459	20	
44	5.3	5.602	20	
45	5.3	5.483	20	
46	5.3	5.634	20	
47	5.3	5.254	20	
48	5.3	5.282	20	
49	5.3	5.493	20	
50	5.3	5.358	20	
51	5.3	5.672	20	
52	5.3	5.546	20	
53	5.3	5.517	20	
54	5.3	5.355	20	
55	5.3	5.574	20	
56	5.3	5.297	20	*
57	5.3	5.552	20	
58	5.3	5.428	20	
59	5.3	5.6	20	
60	5.3	5.404	20	
61	5.3	5.623	20	
62	5.3	5.466	20	
63	5.3	5.643	20	
64	5.3	5.261	20	
65	5.3	5.372	20	
66	5.3	5.71	20	
67	5.3	5.488	20	
68	5.3	5.362	20	
69	5.3	5.377	20	
70	5.3	5.38	20	
71	5.3	5.348	20	
72	5.3	5.511	20	
73	5.3	5.357	20	
74	5.3	5.636	20	
75	5.3	5.322	20	
76	5.3	5.416	20	
77	5.3	5.723	20	
78	5.3	5.51	20	
79	5.3	5.337	20	
80	5.3	5.564	20	
81	5.3	5.485	20	

82	5.3	5.547	20	
83	5.3	5.359	20	
84	5.3	5.64	20	
85	5.3	5.665	20	
86	5.3	5.275	20	
87	5.3	5.563	20	
88	5.3	5.316	20	
89	5.3	5.531	20	
90	5.3	5.648	20	
91	5.3	5.34	20	
92	5.3	5.592	20	
93	5.3	5.514	20	
94	5.3	5.597	20	
95	5.3	5.415	20	
96	5.3	5.44	20	
97	5.3	5.41	20	
98	5.3	5.476	20	
99	5.3	5.285	20	
100	5.3	5.338	20	
Trail 15				
1	5.3	5.523	20	
2	5.3	5.524	20	
3	5.3	5.465	20	
4	5.3	5.521	20	
5	5.3	5.349	20	
6	5.3	5.598	20	
7	5.3	5.626	20	
8	5.3	5.695	20	
9	5.3	5.251	20	
10	5.3	5.573	20	
11	5.3	5.657	20	
12	5.3	5.491	20	
13	5.3	5.412	20	
14	5.3	5.508	20	
15	5.3	5.322	20	
16	5.3	5.416	20	
17	5.3	5.542	20	
18	5.3	5.625	20	
19	5.3	5.389	20	
20	5.3	5.498	20	
21	5.3	5.582	20	
22	5.3	5.641	20	
23	5.3	5.409	20	
24	5.3	5.385	20	
25	5.3	5.7	20	
26	5.3	5.712	20	
27	5.3	5.302	20	*
28	5.3	5.27	20	
29	5.3	5.525	20	
30	5.3	5.39	20	
31	5.3	5.643	20	
32	5.3	5.527	20	
33	5.3	5.628	20	
34	5.3	5.593	20	
35	5.3	5.694	20	
36	5.3	5.294	20	*

37	5.3	5.334	20	
38	5.3	5.719	20	
39	5.3	5.724	20	
40	5.3	5.282	20	
41	5.3	5.604	20	
42	5.3	5.252	20	
43	5.3	5.357	20	
44	5.3	5.444	20	
45	5.3	5.677	20	
46	5.3	5.72	20	
47	5.3	5.583	20	
48	5.3	5.5	20	
49	5.3	5.26	20	
50	5.3	5.588	20	
51	5.3	5.463	20	
52	5.3	5.364	20	
53	5.3	5.6	20	
54	5.3	5.435	20	
55	5.3	5.397	20	
56	5.3	5.67	20	
57	5.3	5.436	20	
58	5.3	5.717	20	
59	5.3	5.377	20	
60	5.3	5.547	20	
61	5.3	5.328	20	
62	5.3	5.621	20	
63	5.3	5.437	20	
64	5.3	5.718	20	
65	5.3	5.382	20	
66	5.3	5.354	20	
67	5.3	5.668	20	
68	5.3	5.603	20	
69	5.3	5.723	20	
70	5.3	5.275	20	
71	5.3	5.51	20	
72	5.3	5.515	20	
73	5.3	5.424	20	
74	5.3	5.703	20	
75	5.3	5.532	20	
76	5.3	5.52	20	
77	5.3	5.596	20	
78	5.3	5.399	20	
79	5.3	5.512	20	
80	5.3	5.653	20	
81	5.3	5.605	20	
82	5.3	5.565	20	
83	5.3	5.464	20	
84	5.3	5.375	20	
85	5.3	5.528	20	
86	5.3	5.299	20	*
87	5.3	5.447	20	
88	5.3	5.607	20	
89	5.3	5.484	20	
90	5.3	5.701	20	
91	5.3	5.713	20	
92	5.3	5.337	20	

93	5.3	5.432	20	
94	5.3	5.448	20	
95	5.3	5.715	20	
96	5.3	5.656	20	
97	5.3	5.576	20	
98	5.3	5.572	20	
99	5.3	5.42	20	
100	5.3	5.271	20	
Trail 16				
1	5.3	5.281	20	
2	5.3	5.341	20	
3	5.3	5.574	20	
4	5.3	5.297	20	*
5	5.3	5.643	20	
6	5.3	5.264	20	
7	5.3	5.383	20	
8	5.3	5.357	20	
9	5.3	5.564	20	
10	5.3	5.443	20	
11	5.3	5.348	20	
12	5.3	5.711	20	
13	5.3	5.433	20	
14	5.3	5.655	20	
15	5.3	5.354	20	
16	5.3	5.607	20	
17	5.3	5.448	20	
18	5.3	5.63	20	
19	5.3	5.432	20	
20	5.3	5.255	20	
21	5.3	5.412	20	
22	5.3	5.658	20	
23	5.3	5.663	20	
24	5.3	5.555	20	
25	5.3	5.322	20	
26	5.3	5.627	20	
27	5.3	5.514	20	
28	5.3	5.521	20	
29	5.3	5.28	20	
30	5.3	5.484	20	
31	5.3	5.42	20	
32	5.3	5.66	20	
33	5.3	5.657	20	
34	5.3	5.694	20	
35	5.3	5.705	20	
36	5.3	5.67	20	
37	5.3	5.593	20	
38	5.3	5.269	20	
39	5.3	5.695	20	
40	5.3	5.656	20	
41	5.3	5.677	20	
42	5.3	5.447	20	
43	5.3	5.38	20	
44	5.3	5.644	20	
45	5.3	5.528	20	
46	5.3	5.359	20	
47	5.3	5.587	20	

48	5.3	5.692	20	
49	5.3	5.666	20	
50	5.3	5.41	20	
51	5.3	5.499	20	
52	5.3	5.323	20	
53	5.3	5.468	20	
54	5.3	5.566	20	
55	5.3	5.31	20	*
56	5.3	5.516	20	
57	5.3	5.317	20	
58	5.3	5.52	20	
59	5.3	5.612	20	
60	5.3	5.334	20	
61	5.3	5.398	20	
62	5.3	5.421	20	
63	5.3	5.369	20	
64	5.3	5.579	20	
65	5.3	5.34	20	
66	5.3	5.619	20	
67	5.3	5.603	20	
68	5.3	5.576	20	
69	5.3	5.419	20	
70	5.3	5.43	20	
71	5.3	5.313	20	
72	5.3	5.649	20	
73	5.3	5.54	20	
74	5.3	5.318	20	
75	5.3	5.326	20	
76	5.3	5.543	20	
77	5.3	5.637	20	
78	5.3	5.553	20	
79	5.3	5.611	20	
80	5.3	5.639	20	
81	5.3	5.381	20	
82	5.3	5.715	20	
83	5.3	5.616	20	
84	5.3	5.417	20	
85	5.3	5.46	20	
86	5.3	5.614	20	
87	5.3	5.557	20	
88	5.3	5.531	20	
89	5.3	5.581	20	
90	5.3	5.55	20	
91	5.3	5.463	20	
92	5.3	5.413	20	
93	5.3	5.471	20	
94	5.3	5.347	20	
95	5.3	5.629	20	
96	5.3	5.452	20	
97	5.3	5.554	20	
98	5.3	5.641	20	
99	5.3	5.292	20	*
100	5.3	5.563	20	
Trail 17				
1	5.3	5.65	20	
2	5.3	5.507	20	

3	5.3	5.447	20	
4	5.3	5.491	20	
5	5.3	5.566	20	
6	5.3	5.693	20	
7	5.3	5.486	20	
8	5.3	5.358	20	
9	5.3	5.628	20	
10	5.3	5.274	20	
11	5.3	5.291	20	*
12	5.3	5.704	20	
13	5.3	5.537	20	
14	5.3	5.708	20	
15	5.3	5.672	20	
16	5.3	5.403	20	
17	5.3	5.627	20	
18	5.3	5.337	20	
19	5.3	5.607	20	
20	5.3	5.393	20	
21	5.3	5.469	20	
22	5.3	5.311	20	
23	5.3	5.278	20	
24	5.3	5.371	20	
25	5.3	5.707	20	
26	5.3	5.591	20	
27	5.3	5.533	20	
28	5.3	5.701	20	
29	5.3	5.388	20	
30	5.3	5.303	20	*
31	5.3	5.697	20	
32	5.3	5.259	20	
33	5.3	5.394	20	
34	5.3	5.404	20	
35	5.3	5.336	20	
36	5.3	5.452	20	
37	5.3	5.364	20	
38	5.3	5.577	20	
39	5.3	5.53	20	
40	5.3	5.411	20	
41	5.3	5.571	20	
42	5.3	5.389	20	
43	5.3	5.543	20	
44	5.3	5.685	20	
45	5.3	5.715	20	
46	5.3	5.36	20	
47	5.3	5.39	20	
48	5.3	5.353	20	
49	5.3	5.368	20	
50	5.3	5.485	20	
51	5.3	5.283	20	
52	5.3	5.32	20	
53	5.3	5.673	20	
54	5.3	5.517	20	
55	5.3	5.405	20	
56	5.3	5.349	20	
57	5.3	5.723	20	
58	5.3	5.442	20	

59	5.3	5.372	20	
60	5.3	5.596	20	
61	5.3	5.483	20	
62	5.3	5.528	20	
63	5.3	5.277	20	
64	5.3	5.526	20	
65	5.3	5.699	20	
66	5.3	5.585	20	
67	5.3	5.58	20	
68	5.3	5.466	20	
69	5.3	5.374	20	
70	5.3	5.422	20	
71	5.3	5.718	20	
72	5.3	5.657	20	
73	5.3	5.563	20	
74	5.3	5.401	20	
75	5.3	5.256	20	
76	5.3	5.304	20	*
77	5.3	5.409	20	
78	5.3	5.306	20	*
79	5.3	5.623	20	
80	5.3	5.598	20	
81	5.3	5.632	20	
82	5.3	5.573	20	
83	5.3	5.554	20	
84	5.3	5.56	20	
85	5.3	5.527	20	
86	5.3	5.49	20	
87	5.3	5.544	20	
88	5.3	5.564	20	
89	5.3	5.417	20	
90	5.3	5.539	20	
91	5.3	5.687	20	
92	5.3	5.576	20	
93	5.3	5.684	20	
94	5.3	5.609	20	
95	5.3	5.414	20	
96	5.3	5.515	20	
97	5.3	5.613	20	
98	5.3	5.308	20	*
99	5.3	5.522	20	
100	5.3	5.381	20	
Trail 18				
1	5.3	5.411	20	
2	5.3	5.478	20	
3	5.3	5.299	20	*
4	5.3	5.471	20	
5	5.3	5.705	20	
6	5.3	5.311	20	
7	5.3	5.491	20	
8	5.3	5.533	20	
9	5.3	5.282	20	
10	5.3	5.591	20	
11	5.3	5.409	20	
12	5.3	5.519	20	
13	5.3	5.524	20	

14	5.3	5.631	20	
15	5.3	5.42	20	
16	5.3	5.64	20	
17	5.3	5.438	20	
18	5.3	5.451	20	
19	5.3	5.474	20	
20	5.3	5.431	20	
21	5.3	5.306	20	*
22	5.3	5.633	20	
23	5.3	5.654	20	
24	5.3	5.575	20	
25	5.3	5.465	20	
26	5.3	5.605	20	
27	5.3	5.684	20	
28	5.3	5.423	20	
29	5.3	5.645	20	
30	5.3	5.681	20	
31	5.3	5.696	20	
32	5.3	5.357	20	
33	5.3	5.707	20	
34	5.3	5.69	20	
35	5.3	5.353	20	
36	5.3	5.63	20	
37	5.3	5.391	20	
38	5.3	5.275	20	
39	5.3	5.574	20	
40	5.3	5.492	20	
41	5.3	5.68	20	
42	5.3	5.554	20	
43	5.3	5.283	20	
44	5.3	5.454	20	
45	5.3	5.358	20	
46	5.3	5.415	20	
47	5.3	5.692	20	
48	5.3	5.556	20	
49	5.3	5.613	20	
50	5.3	5.512	20	
51	5.3	5.592	20	
52	5.3	5.351	20	
53	5.3	5.552	20	
54	5.3	5.625	20	
55	5.3	5.716	20	
56	5.3	5.442	20	
57	5.3	5.253	20	
58	5.3	5.488	20	
59	5.3	5.269	20	
60	5.3	5.38	20	
61	5.3	5.259	20	
62	5.3	5.367	20	
63	5.3	5.476	20	
64	5.3	5.637	20	
65	5.3	5.375	20	
66	5.3	5.679	20	
67	5.3	5.545	20	
68	5.3	5.381	20	
69	5.3	5.669	20	

70	5.3	5.26	20	
71	5.3	5.539	20	
72	5.3	5.406	20	
73	5.3	5.389	20	
74	5.3	5.345	20	
75	5.3	5.292	20	*
76	5.3	5.499	20	
77	5.3	5.486	20	
78	5.3	5.551	20	
79	5.3	5.665	20	
80	5.3	5.603	20	
81	5.3	5.585	20	
82	5.3	5.419	20	
83	5.3	5.55	20	
84	5.3	5.656	20	
85	5.3	5.685	20	
86	5.3	5.617	20	
87	5.3	5.597	20	
88	5.3	5.379	20	
89	5.3	5.553	20	
90	5.3	5.254	20	
91	5.3	5.66	20	
92	5.3	5.641	20	
93	5.3	5.568	20	
94	5.3	5.647	20	
95	5.3	5.664	20	
96	5.3	5.472	20	
97	5.3	5.53	20	
98	5.3	5.52	20	
99	5.3	5.277	20	
100	5.3	5.697	20	
Trail 19				
1	5.3	5.284	20	
2	5.3	5.561	20	
3	5.3	5.511	20	
4	5.3	5.27	20	
5	5.3	5.333	20	
6	5.3	5.579	20	
7	5.3	5.583	20	
8	5.3	5.647	20	
9	5.3	5.336	20	
10	5.3	5.455	20	
11	5.3	5.435	20	
12	5.3	5.655	20	
13	5.3	5.596	20	
14	5.3	5.625	20	
15	5.3	5.622	20	
16	5.3	5.481	20	
17	5.3	5.518	20	
18	5.3	5.694	20	
19	5.3	5.569	20	
20	5.3	5.706	20	
21	5.3	5.319	20	
22	5.3	5.363	20	
23	5.3	5.45	20	
24	5.3	5.471	20	

25	5.3	5.286	20	
26	5.3	5.339	20	
27	5.3	5.673	20	
28	5.3	5.517	20	
29	5.3	5.623	20	
30	5.3	5.566	20	
31	5.3	5.509	20	
32	5.3	5.282	20	
33	5.3	5.298	20	*
34	5.3	5.535	20	
35	5.3	5.546	20	
36	5.3	5.388	20	
37	5.3	5.686	20	
38	5.3	5.627	20	
39	5.3	5.415	20	
40	5.3	5.604	20	
41	5.3	5.502	20	
42	5.3	5.279	20	
43	5.3	5.645	20	
44	5.3	5.621	20	
45	5.3	5.431	20	
46	5.3	5.684	20	
47	5.3	5.356	20	
48	5.3	5.295	20	*
49	5.3	5.256	20	
50	5.3	5.341	20	
51	5.3	5.305	20	*
52	5.3	5.359	20	
53	5.3	5.285	20	
54	5.3	5.385	20	
55	5.3	5.58	20	
56	5.3	5.408	20	
57	5.3	5.384	20	
58	5.3	5.624	20	
59	5.3	5.504	20	
60	5.3	5.603	20	
61	5.3	5.337	20	
62	5.3	5.439	20	
63	5.3	5.547	20	
64	5.3	5.482	20	
65	5.3	5.631	20	
66	5.3	5.287	20	
67	5.3	5.525	20	
68	5.3	5.459	20	
69	5.3	5.69	20	
70	5.3	5.635	20	
71	5.3	5.46	20	
72	5.3	5.505	20	
73	5.3	5.519	20	
74	5.3	5.354	20	
75	5.3	5.461	20	
76	5.3	5.536	20	
77	5.3	5.426	20	
78	5.3	5.3	20	*
79	5.3	5.362	20	
80	5.3	5.644	20	

81	5.3	5.345	20	
82	5.3	5.553	20	
83	5.3	5.559	20	
84	5.3	5.332	20	
85	5.3	5.349	20	
86	5.3	5.674	20	
87	5.3	5.56	20	
88	5.3	5.555	20	
89	5.3	5.558	20	
90	5.3	5.312	20	
91	5.3	5.412	20	
92	5.3	5.554	20	
93	5.3	5.436	20	
94	5.3	5.397	20	
95	5.3	5.664	20	
96	5.3	5.292	20	*
97	5.3	5.577	20	
98	5.3	5.491	20	
99	5.3	5.571	20	
100	5.3	5.499	20	
Trail 20				
1	5.3	5.545	20	
2	5.3	5.265	20	
3	5.3	5.529	20	
4	5.3	5.286	20	
5	5.3	5.421	20	
6	5.3	5.268	20	
7	5.3	5.703	20	
8	5.3	5.645	20	
9	5.3	5.468	20	
10	5.3	5.33	20	
11	5.3	5.485	20	
12	5.3	5.682	20	
13	5.3	5.504	20	
14	5.3	5.407	20	
15	5.3	5.693	20	
16	5.3	5.344	20	
17	5.3	5.563	20	
18	5.3	5.365	20	
19	5.3	5.539	20	
20	5.3	5.623	20	
21	5.3	5.256	20	
22	5.3	5.524	20	
23	5.3	5.259	20	
24	5.3	5.695	20	
25	5.3	5.493	20	
26	5.3	5.522	20	
27	5.3	5.62	20	
28	5.3	5.633	20	
29	5.3	5.317	20	
30	5.3	5.462	20	
31	5.3	5.258	20	
32	5.3	5.341	20	
33	5.3	5.469	20	
34	5.3	5.714	20	
35	5.3	5.409	20	

36	5.3	5.667	20	
37	5.3	5.305	20	*
38	5.3	5.499	20	
39	5.3	5.294	20	*
40	5.3	5.366	20	
41	5.3	5.415	20	
42	5.3	5.713	20	
43	5.3	5.296	20	*
44	5.3	5.287	20	
45	5.3	5.302	20	*
46	5.3	5.381	20	
47	5.3	5.705	20	
48	5.3	5.289	20	
49	5.3	5.596	20	
50	5.3	5.572	20	
51	5.3	5.58	20	
52	5.3	5.464	20	
53	5.3	5.517	20	
54	5.3	5.554	20	
55	5.3	5.26	20	
56	5.3	5.685	20	
57	5.3	5.635	20	
58	5.3	5.511	20	
59	5.3	5.508	20	
60	5.3	5.716	20	
61	5.3	5.654	20	
62	5.3	5.617	20	
63	5.3	5.39	20	
64	5.3	5.424	20	
65	5.3	5.502	20	
66	5.3	5.564	20	
67	5.3	5.431	20	
68	5.3	5.442	20	
69	5.3	5.35	20	
70	5.3	5.521	20	
71	5.3	5.451	20	
72	5.3	5.498	20	
73	5.3	5.472	20	
74	5.3	5.559	20	
75	5.3	5.319	20	
76	5.3	5.395	20	
77	5.3	5.631	20	
78	5.3	5.527	20	
79	5.3	5.579	20	
80	5.3	5.272	20	
81	5.3	5.687	20	
82	5.3	5.438	20	
83	5.3	5.325	20	
84	5.3	5.585	20	
85	5.3	5.347	20	
86	5.3	5.327	20	
87	5.3	5.46	20	
88	5.3	5.351	20	
89	5.3	5.401	20	
90	5.3	5.482	20	
91	5.3	5.28	20	

92	5.3	5.612	20	
93	5.3	5.584	20	
94	5.3	5.704	20	
95	5.3	5.454	20	
96	5.3	5.328	20	
97	5.3	5.541	20	
98	5.3	5.531	20	
99	5.3	5.25	20	
100	5.3	5.59	20	
Trail 21				
1	5.3	5.265	20	
2	5.3	5.517	20	
3	5.3	5.592	20	
4	5.3	5.67	20	
5	5.3	5.271	20	
6	5.3	5.593	20	
7	5.3	5.594	20	
8	5.3	5.445	20	
9	5.3	5.295	20	*
10	5.3	5.56	20	
11	5.3	5.447	20	
12	5.3	5.374	20	
13	5.3	5.568	20	
14	5.3	5.466	20	
15	5.3	5.387	20	
16	5.3	5.521	20	
17	5.3	5.495	20	
18	5.3	5.614	20	
19	5.3	5.501	20	
20	5.3	5.616	20	
21	5.3	5.46	20	
22	5.3	5.254	20	
23	5.3	5.251	20	
24	5.3	5.636	20	
25	5.3	5.378	20	
26	5.3	5.5	20	
27	5.3	5.356	20	
28	5.3	5.267	20	
29	5.3	5.609	20	
30	5.3	5.328	20	
31	5.3	5.341	20	
32	5.3	5.644	20	
33	5.3	5.268	20	
34	5.3	5.662	20	
35	5.3	5.612	20	
36	5.3	5.455	20	
37	5.3	5.64	20	
38	5.3	5.279	20	
39	5.3	5.344	20	
40	5.3	5.723	20	
41	5.3	5.292	20	*
42	5.3	5.444	20	
43	5.3	5.645	20	
44	5.3	5.485	20	
45	5.3	5.625	20	
46	5.3	5.351	20	

47	5.3	5.569	20	
48	5.3	5.26	20	
49	5.3	5.581	20	
50	5.3	5.678	20	
51	5.3	5.32	20	
52	5.3	5.71	20	
53	5.3	5.62	20	
54	5.3	5.487	20	
55	5.3	5.449	20	
56	5.3	5.672	20	
57	5.3	5.623	20	
58	5.3	5.527	20	
59	5.3	5.596	20	
60	5.3	5.601	20	
61	5.3	5.417	20	
62	5.3	5.426	20	
63	5.3	5.654	20	
64	5.3	5.371	20	
65	5.3	5.338	20	
66	5.3	5.533	20	
67	5.3	5.308	20	*
68	5.3	5.451	20	
69	5.3	5.715	20	
70	5.3	5.701	20	
71	5.3	5.482	20	
72	5.3	5.659	20	
73	5.3	5.529	20	
74	5.3	5.398	20	
75	5.3	5.25	20	
76	5.3	5.289	20	
77	5.3	5.547	20	
78	5.3	5.322	20	
79	5.3	5.535	20	
80	5.3	5.459	20	
81	5.3	5.432	20	
82	5.3	5.642	20	
83	5.3	5.412	20	
84	5.3	5.628	20	
85	5.3	5.427	20	
86	5.3	5.588	20	
87	5.3	5.552	20	
88	5.3	5.34	20	
89	5.3	5.404	20	
90	5.3	5.577	20	
91	5.3	5.681	20	
92	5.3	5.465	20	
93	5.3	5.656	20	
94	5.3	5.365	20	
95	5.3	5.367	20	
96	5.3	5.361	20	
97	5.3	5.586	20	
98	5.3	5.709	20	
99	5.3	5.595	20	
100	5.3	5.503	20	
Trail 22				
1	5.3	5.341	20	

2	5.3	5.508	20	
3	5.3	5.522	20	
4	5.3	5.448	20	
5	5.3	5.668	20	
6	5.3	5.682	20	
7	5.3	5.518	20	
8	5.3	5.303	20	*
9	5.3	5.617	20	
10	5.3	5.309	20	*
11	5.3	5.499	20	
12	5.3	5.348	20	
13	5.3	5.47	20	
14	5.3	5.585	20	
15	5.3	5.706	20	
16	5.3	5.313	20	
17	5.3	5.404	20	
18	5.3	5.534	20	
19	5.3	5.282	20	
20	5.3	5.49	20	
21	5.3	5.254	20	
22	5.3	5.65	20	
23	5.3	5.321	20	
24	5.3	5.719	20	
25	5.3	5.618	20	
26	5.3	5.419	20	
27	5.3	5.723	20	
28	5.3	5.391	20	
29	5.3	5.399	20	
30	5.3	5.322	20	
31	5.3	5.413	20	
32	5.3	5.355	20	
33	5.3	5.52	20	
34	5.3	5.669	20	
35	5.3	5.524	20	
36	5.3	5.496	20	
37	5.3	5.506	20	
38	5.3	5.661	20	
39	5.3	5.455	20	
40	5.3	5.425	20	
41	5.3	5.568	20	
42	5.3	5.264	20	
43	5.3	5.281	20	
44	5.3	5.379	20	
45	5.3	5.53	20	
46	5.3	5.59	20	
47	5.3	5.275	20	
48	5.3	5.693	20	
49	5.3	5.609	20	
50	5.3	5.453	20	
51	5.3	5.683	20	
52	5.3	5.353	20	
53	5.3	5.56	20	
54	5.3	5.257	20	
55	5.3	5.452	20	
56	5.3	5.613	20	
57	5.3	5.337	20	

58	5.3	5.559	20	
59	5.3	5.633	20	
60	5.3	5.478	20	
61	5.3	5.378	20	
62	5.3	5.515	20	
63	5.3	5.698	20	
64	5.3	5.477	20	
65	5.3	5.552	20	
66	5.3	5.563	20	
67	5.3	5.526	20	
68	5.3	5.593	20	
69	5.3	5.675	20	
70	5.3	5.537	20	
71	5.3	5.528	20	
72	5.3	5.645	20	
73	5.3	5.716	20	
74	5.3	5.665	20	
75	5.3	5.606	20	
76	5.3	5.622	20	
77	5.3	5.494	20	
78	5.3	5.377	20	
79	5.3	5.54	20	
80	5.3	5.261	20	
81	5.3	5.352	20	
82	5.3	5.495	20	
83	5.3	5.265	20	
84	5.3	5.58	20	
85	5.3	5.546	20	
86	5.3	5.427	20	
87	5.3	5.722	20	
88	5.3	5.509	20	
89	5.3	5.717	20	
90	5.3	5.476	20	
91	5.3	5.41	20	
92	5.3	5.643	20	
93	5.3	5.392	20	
94	5.3	5.514	20	
95	5.3	5.324	20	
96	5.3	5.608	20	
97	5.3	5.666	20	
98	5.3	5.429	20	
99	5.3	5.347	20	
100	5.3	5.445	20	
Trail 23				
1	5.3	5.549	20	
2	5.3	5.349	20	
3	5.3	5.351	20	
4	5.3	5.554	20	
5	5.3	5.344	20	
6	5.3	5.689	20	
7	5.3	5.385	20	
8	5.3	5.579	20	
9	5.3	5.571	20	
10	5.3	5.282	20	
11	5.3	5.635	20	
12	5.3	5.334	20	

13	5.3	5.623	20	
14	5.3	5.62	20	
15	5.3	5.313	20	
16	5.3	5.557	20	
17	5.3	5.475	20	
18	5.3	5.424	20	
19	5.3	5.369	20	
20	5.3	5.459	20	
21	5.3	5.488	20	
22	5.3	5.552	20	
23	5.3	5.59	20	
24	5.3	5.286	20	
25	5.3	5.33	20	
26	5.3	5.704	20	
27	5.3	5.396	20	
28	5.3	5.627	20	
29	5.3	5.587	20	
30	5.3	5.605	20	
31	5.3	5.444	20	
32	5.3	5.397	20	
33	5.3	5.602	20	
34	5.3	5.718	20	
35	5.3	5.255	20	
36	5.3	5.29	20	*
37	5.3	5.677	20	
38	5.3	5.603	20	
39	5.3	5.253	20	
40	5.3	5.64	20	
41	5.3	5.312	20	
42	5.3	5.418	20	
43	5.3	5.525	20	
44	5.3	5.699	20	
45	5.3	5.316	20	
46	5.3	5.473	20	
47	5.3	5.422	20	
48	5.3	5.293	20	*
49	5.3	5.538	20	
50	5.3	5.707	20	
51	5.3	5.522	20	
52	5.3	5.572	20	
53	5.3	5.674	20	
54	5.3	5.335	20	
55	5.3	5.69	20	
56	5.3	5.516	20	
57	5.3	5.652	20	
58	5.3	5.629	20	
59	5.3	5.272	20	
60	5.3	5.633	20	
61	5.3	5.365	20	
62	5.3	5.307	20	*
63	5.3	5.641	20	
64	5.3	5.356	20	
65	5.3	5.591	20	
66	5.3	5.505	20	
67	5.3	5.394	20	
68	5.3	5.391	20	

69	5.3	5.487	20	
70	5.3	5.596	20	
71	5.3	5.685	20	
72	5.3	5.388	20	
73	5.3	5.52	20	
74	5.3	5.45	20	
75	5.3	5.489	20	
76	5.3	5.25	20	
77	5.3	5.687	20	
78	5.3	5.254	20	
79	5.3	5.507	20	
80	5.3	5.6	20	
81	5.3	5.5	20	
82	5.3	5.719	20	
83	5.3	5.268	20	
84	5.3	5.595	20	
85	5.3	5.311	20	
86	5.3	5.318	20	
87	5.3	5.456	20	
88	5.3	5.297	20	*
89	5.3	5.46	20	
90	5.3	5.383	20	
91	5.3	5.363	20	
92	5.3	5.644	20	
93	5.3	5.381	20	
94	5.3	5.279	20	
95	5.3	5.611	20	
96	5.3	5.551	20	
97	5.3	5.702	20	
98	5.3	5.523	20	
99	5.3	5.565	20	
100	5.3	5.545	20	
Trail 24				
1	5.3	5.711	20	
2	5.3	5.361	20	
3	5.3	5.397	20	
4	5.3	5.675	20	
5	5.3	5.278	20	
6	5.3	5.333	20	
7	5.3	5.435	20	
8	5.3	5.459	20	
9	5.3	5.302	20	*
10	5.3	5.309	20	*
11	5.3	5.282	20	
12	5.3	5.512	20	
13	5.3	5.316	20	
14	5.3	5.628	20	
15	5.3	5.417	20	
16	5.3	5.323	20	
17	5.3	5.69	20	
18	5.3	5.511	20	
19	5.3	5.575	20	
20	5.3	5.67	20	
21	5.3	5.481	20	
22	5.3	5.26	20	
23	5.3	5.263	20	

24	5.3	5.679	20	
25	5.3	5.6	20	
26	5.3	5.603	20	
27	5.3	5.363	20	
28	5.3	5.517	20	
29	5.3	5.281	20	
30	5.3	5.267	20	
31	5.3	5.546	20	
32	5.3	5.252	20	
33	5.3	5.541	20	
34	5.3	5.535	20	
35	5.3	5.714	20	
36	5.3	5.297	20	*
37	5.3	5.409	20	
38	5.3	5.554	20	
39	5.3	5.523	20	
40	5.3	5.341	20	
41	5.3	5.271	20	
42	5.3	5.544	20	
43	5.3	5.509	20	
44	5.3	5.321	20	
45	5.3	5.604	20	
46	5.3	5.433	20	
47	5.3	5.492	20	
48	5.3	5.443	20	
49	5.3	5.646	20	
50	5.3	5.699	20	
51	5.3	5.64	20	
52	5.3	5.484	20	
53	5.3	5.344	20	
54	5.3	5.449	20	
55	5.3	5.362	20	
56	5.3	5.647	20	
57	5.3	5.709	20	
58	5.3	5.671	20	
59	5.3	5.605	20	
60	5.3	5.264	20	
61	5.3	5.48	20	
62	5.3	5.348	20	
63	5.3	5.564	20	
64	5.3	5.474	20	
65	5.3	5.31	20	*
66	5.3	5.424	20	
67	5.3	5.291	20	*
68	5.3	5.607	20	
69	5.3	5.582	20	
70	5.3	5.332	20	
71	5.3	5.431	20	
72	5.3	5.41	20	
73	5.3	5.63	20	
74	5.3	5.254	20	
75	5.3	5.464	20	
76	5.3	5.485	20	
77	5.3	5.522	20	
78	5.3	5.652	20	
79	5.3	5.257	20	

80	5.3	5.372	20	
81	5.3	5.465	20	
82	5.3	5.25	20	
83	5.3	5.306	20	*
84	5.3	5.317	20	
85	5.3	5.721	20	
86	5.3	5.379	20	
87	5.3	5.529	20	
88	5.3	5.351	20	
89	5.3	5.672	20	
90	5.3	5.4	20	
91	5.3	5.501	20	
92	5.3	5.579	20	
93	5.3	5.689	20	
94	5.3	5.327	20	
95	5.3	5.687	20	
96	5.3	5.584	20	
97	5.3	5.491	20	
98	5.3	5.624	20	
99	5.3	5.451	20	
100	5.3	5.53	20	
Trail 25				
1	5.3	5.417	20	
2	5.3	5.271	20	
3	5.3	5.623	20	
4	5.3	5.441	20	
5	5.3	5.614	20	
6	5.3	5.481	20	
7	5.3	5.288	20	
8	5.3	5.453	20	
9	5.3	5.551	20	
10	5.3	5.474	20	
11	5.3	5.515	20	
12	5.3	5.272	20	
13	5.3	5.376	20	
14	5.3	5.425	20	
15	5.3	5.581	20	
16	5.3	5.659	20	
17	5.3	5.53	20	
18	5.3	5.346	20	
19	5.3	5.521	20	
20	5.3	5.587	20	
21	5.3	5.336	20	
22	5.3	5.539	20	
23	5.3	5.692	20	
24	5.3	5.698	20	
25	5.3	5.714	20	
26	5.3	5.549	20	
27	5.3	5.466	20	
28	5.3	5.318	20	
29	5.3	5.608	20	
30	5.3	5.319	20	
31	5.3	5.69	20	
32	5.3	5.704	20	
33	5.3	5.568	20	
34	5.3	5.505	20	

35	5.3	5.613	20	
36	5.3	5.322	20	
37	5.3	5.642	20	
38	5.3	5.573	20	
39	5.3	5.355	20	
40	5.3	5.586	20	
41	5.3	5.309	20	*
42	5.3	5.294	20	*
43	5.3	5.391	20	
44	5.3	5.552	20	
45	5.3	5.522	20	
46	5.3	5.26	20	
47	5.3	5.284	20	
48	5.3	5.357	20	
49	5.3	5.596	20	
50	5.3	5.291	20	*
51	5.3	5.406	20	
52	5.3	5.662	20	
53	5.3	5.529	20	
54	5.3	5.349	20	
55	5.3	5.523	20	
56	5.3	5.633	20	
57	5.3	5.671	20	
58	5.3	5.602	20	
59	5.3	5.432	20	
60	5.3	5.544	20	
61	5.3	5.27	20	
62	5.3	5.44	20	
63	5.3	5.583	20	
64	5.3	5.282	20	
65	5.3	5.578	20	
66	5.3	5.362	20	
67	5.3	5.625	20	
68	5.3	5.251	20	
69	5.3	5.488	20	
70	5.3	5.721	20	
71	5.3	5.519	20	
72	5.3	5.537	20	
73	5.3	5.385	20	
74	5.3	5.584	20	
75	5.3	5.399	20	
76	5.3	5.472	20	
77	5.3	5.598	20	
78	5.3	5.392	20	
79	5.3	5.446	20	
80	5.3	5.354	20	
81	5.3	5.367	20	
82	5.3	5.388	20	
83	5.3	5.478	20	
84	5.3	5.679	20	
85	5.3	5.706	20	
86	5.3	5.431	20	
87	5.3	5.383	20	
88	5.3	5.292	20	*
89	5.3	5.443	20	
90	5.3	5.565	20	

91	5.3	5.401	20	
92	5.3	5.533	20	
93	5.3	5.266	20	
94	5.3	5.536	20	
95	5.3	5.281	20	
96	5.3	5.695	20	
97	5.3	5.648	20	
98	5.3	5.484	20	
99	5.3	5.626	20	
100	5.3	5.342	20	
Trail 26				
1	5.3	5.32	20	
2	5.3	5.601	20	
3	5.3	5.316	20	
4	5.3	5.289	20	
5	5.3	5.672	20	
6	5.3	5.449	20	
7	5.3	5.565	20	
8	5.3	5.66	20	
9	5.3	5.597	20	
10	5.3	5.264	20	
11	5.3	5.267	20	
12	5.3	5.426	20	
13	5.3	5.674	20	
14	5.3	5.633	20	
15	5.3	5.501	20	
16	5.3	5.497	20	
17	5.3	5.683	20	
18	5.3	5.536	20	
19	5.3	5.422	20	
20	5.3	5.419	20	
21	5.3	5.676	20	
22	5.3	5.434	20	
23	5.3	5.495	20	
24	5.3	5.502	20	
25	5.3	5.409	20	
26	5.3	5.436	20	
27	5.3	5.37	20	
28	5.3	5.714	20	
29	5.3	5.326	20	
30	5.3	5.583	20	
31	5.3	5.496	20	
32	5.3	5.318	20	
33	5.3	5.42	20	
34	5.3	5.299	20	*
35	5.3	5.405	20	
36	5.3	5.438	20	
37	5.3	5.595	20	
38	5.3	5.325	20	
39	5.3	5.639	20	
40	5.3	5.375	20	
41	5.3	5.561	20	
42	5.3	5.355	20	
43	5.3	5.303	20	*
44	5.3	5.363	20	
45	5.3	5.659	20	

46	5.3	5.323	20	
47	5.3	5.271	20	
48	5.3	5.464	20	
49	5.3	5.468	20	
50	5.3	5.294	20	*
51	5.3	5.466	20	
52	5.3	5.614	20	
53	5.3	5.717	20	
54	5.3	5.315	20	
55	5.3	5.58	20	
56	5.3	5.388	20	
57	5.3	5.338	20	
58	5.3	5.263	20	
59	5.3	5.358	20	
60	5.3	5.342	20	
61	5.3	5.297	20	*
62	5.3	5.309	20	*
63	5.3	5.399	20	
64	5.3	5.643	20	
65	5.3	5.684	20	
66	5.3	5.288	20	
67	5.3	5.577	20	
68	5.3	5.71	20	
69	5.3	5.487	20	
70	5.3	5.678	20	
71	5.3	5.452	20	
72	5.3	5.273	20	
73	5.3	5.46	20	
74	5.3	5.634	20	
75	5.3	5.532	20	
76	5.3	5.429	20	
77	5.3	5.543	20	
78	5.3	5.637	20	
79	5.3	5.503	20	
80	5.3	5.38	20	
81	5.3	5.517	20	
82	5.3	5.313	20	
83	5.3	5.521	20	
84	5.3	5.547	20	
85	5.3	5.646	20	
86	5.3	5.43	20	
87	5.3	5.459	20	
88	5.3	5.685	20	
89	5.3	5.545	20	
90	5.3	5.587	20	
91	5.3	5.268	20	
92	5.3	5.463	20	
93	5.3	5.571	20	
94	5.3	5.308	20	*
95	5.3	5.488	20	
96	5.3	5.576	20	
97	5.3	5.559	20	
98	5.3	5.348	20	
99	5.3	5.525	20	
100	5.3	5.569	20	

Trial 27

1	5.3	5.259	20	
2	5.3	5.691	20	
3	5.3	5.448	20	
4	5.3	5.415	20	
5	5.3	5.587	20	
6	5.3	5.68	20	
7	5.3	5.398	20	
8	5.3	5.522	20	
9	5.3	5.441	20	
10	5.3	5.431	20	
11	5.3	5.701	20	
12	5.3	5.675	20	
13	5.3	5.507	20	
14	5.3	5.642	20	
15	5.3	5.45	20	
16	5.3	5.547	20	
17	5.3	5.517	20	
18	5.3	5.399	20	
19	5.3	5.64	20	
20	5.3	5.607	20	
21	5.3	5.636	20	
22	5.3	5.434	20	
23	5.3	5.721	20	
24	5.3	5.582	20	
25	5.3	5.678	20	
26	5.3	5.724	20	
27	5.3	5.297	20	*
28	5.3	5.446	20	
29	5.3	5.408	20	
30	5.3	5.449	20	
31	5.3	5.552	20	
32	5.3	5.438	20	
33	5.3	5.538	20	
34	5.3	5.674	20	
35	5.3	5.482	20	
36	5.3	5.519	20	
37	5.3	5.641	20	
38	5.3	5.447	20	
39	5.3	5.612	20	
40	5.3	5.318	20	
41	5.3	5.304	20	*
42	5.3	5.307	20	*
43	5.3	5.286	20	
44	5.3	5.269	20	
45	5.3	5.618	20	
46	5.3	5.695	20	
47	5.3	5.411	20	
48	5.3	5.688	20	
49	5.3	5.336	20	
50	5.3	5.319	20	
51	5.3	5.715	20	
52	5.3	5.553	20	
53	5.3	5.659	20	
54	5.3	5.485	20	
55	5.3	5.575	20	
56	5.3	5.43	20	

57	5.3	5.253	20	
58	5.3	5.623	20	
59	5.3	5.39	20	
60	5.3	5.708	20	
61	5.3	5.571	20	
62	5.3	5.625	20	
63	5.3	5.532	20	
64	5.3	5.478	20	
65	5.3	5.534	20	
66	5.3	5.427	20	
67	5.3	5.328	20	
68	5.3	5.702	20	
69	5.3	5.416	20	
70	5.3	5.407	20	
71	5.3	5.276	20	
72	5.3	5.468	20	
73	5.3	5.389	20	
74	5.3	5.296	20	*
75	5.3	5.338	20	
76	5.3	5.679	20	
77	5.3	5.545	20	
78	5.3	5.335	20	
79	5.3	5.627	20	
80	5.3	5.494	20	
81	5.3	5.323	20	
82	5.3	5.305	20	*
83	5.3	5.689	20	
84	5.3	5.461	20	
85	5.3	5.457	20	
86	5.3	5.316	20	
87	5.3	5.257	20	
88	5.3	5.703	20	
89	5.3	5.289	20	
90	5.3	5.638	20	
91	5.3	5.368	20	
92	5.3	5.596	20	
93	5.3	5.498	20	
94	5.3	5.665	20	
95	5.3	5.705	20	
96	5.3	5.672	20	
97	5.3	5.31	20	*
98	5.3	5.271	20	
99	5.3	5.331	20	
100	5.3	5.268	20	
Trail 28				
1	5.3	5.59	20	
2	5.3	5.43	20	
3	5.3	5.25	20	
4	5.3	5.482	20	
5	5.3	5.519	20	
6	5.3	5.252	20	
7	5.3	5.328	20	
8	5.3	5.512	20	
9	5.3	5.657	20	
10	5.3	5.715	20	
11	5.3	5.397	20	

12	5.3	5.523	20	
13	5.3	5.528	20	
14	5.3	5.635	20	
15	5.3	5.412	20	
16	5.3	5.294	20	*
17	5.3	5.563	20	
18	5.3	5.612	20	
19	5.3	5.48	20	
20	5.3	5.389	20	
21	5.3	5.416	20	
22	5.3	5.718	20	
23	5.3	5.254	20	
24	5.3	5.284	20	
25	5.3	5.303	20	*
26	5.3	5.481	20	
27	5.3	5.649	20	
28	5.3	5.468	20	
29	5.3	5.531	20	
30	5.3	5.5	20	
31	5.3	5.65	20	
32	5.3	5.433	20	
33	5.3	5.352	20	
34	5.3	5.554	20	
35	5.3	5.425	20	
36	5.3	5.58	20	
37	5.3	5.574	20	
38	5.3	5.628	20	
39	5.3	5.66	20	
40	5.3	5.675	20	
41	5.3	5.436	20	
42	5.3	5.61	20	
43	5.3	5.338	20	
44	5.3	5.641	20	
45	5.3	5.466	20	
46	5.3	5.339	20	
47	5.3	5.335	20	
48	5.3	5.402	20	
49	5.3	5.331	20	
50	5.3	5.341	20	
51	5.3	5.567	20	
52	5.3	5.537	20	
53	5.3	5.546	20	
54	5.3	5.451	20	
55	5.3	5.642	20	
56	5.3	5.56	20	
57	5.3	5.299	20	*
58	5.3	5.551	20	
59	5.3	5.491	20	
60	5.3	5.28	20	
61	5.3	5.346	20	
62	5.3	5.376	20	
63	5.3	5.428	20	
64	5.3	5.632	20	
65	5.3	5.599	20	
66	5.3	5.621	20	
67	5.3	5.453	20	

68	5.3	5.682	20	
69	5.3	5.278	20	
70	5.3	5.513	20	
71	5.3	5.493	20	
72	5.3	5.721	20	
73	5.3	5.613	20	
74	5.3	5.541	20	
75	5.3	5.672	20	
76	5.3	5.489	20	
77	5.3	5.318	20	
78	5.3	5.405	20	
79	5.3	5.624	20	
80	5.3	5.322	20	
81	5.3	5.578	20	
82	5.3	5.534	20	
83	5.3	5.569	20	
84	5.3	5.477	20	
85	5.3	5.484	20	
86	5.3	5.692	20	
87	5.3	5.288	20	
88	5.3	5.566	20	
89	5.3	5.42	20	
90	5.3	5.711	20	
91	5.3	5.417	20	
92	5.3	5.581	20	
93	5.3	5.555	20	
94	5.3	5.272	20	
95	5.3	5.452	20	
96	5.3	5.647	20	
97	5.3	5.286	20	
98	5.3	5.257	20	
99	5.3	5.274	20	
100	5.3	5.579	20	

Trail 29

1	5.3	5.385	20	
2	5.3	5.569	20	
3	5.3	5.474	20	
4	5.3	5.366	20	
5	5.3	5.469	20	
6	5.3	5.555	20	
7	5.3	5.609	20	
8	5.3	5.682	20	
9	5.3	5.442	20	
10	5.3	5.441	20	
11	5.3	5.527	20	
12	5.3	5.688	20	
13	5.3	5.686	20	
14	5.3	5.582	20	
15	5.3	5.355	20	
16	5.3	5.658	20	
17	5.3	5.5	20	
18	5.3	5.652	20	
19	5.3	5.396	20	
20	5.3	5.401	20	
21	5.3	5.511	20	
22	5.3	5.356	20	

23	5.3	5.523	20	
24	5.3	5.488	20	
25	5.3	5.369	20	
26	5.3	5.415	20	
27	5.3	5.635	20	
28	5.3	5.444	20	
29	5.3	5.493	20	
30	5.3	5.649	20	
31	5.3	5.45	20	
32	5.3	5.468	20	
33	5.3	5.567	20	
34	5.3	5.671	20	
35	5.3	5.254	20	
36	5.3	5.473	20	
37	5.3	5.283	20	
38	5.3	5.516	20	
39	5.3	5.387	20	
40	5.3	5.495	20	
41	5.3	5.659	20	
42	5.3	5.657	20	
43	5.3	5.47	20	
44	5.3	5.627	20	
45	5.3	5.403	20	
46	5.3	5.573	20	
47	5.3	5.363	20	
48	5.3	5.391	20	
49	5.3	5.62	20	
50	5.3	5.455	20	
51	5.3	5.647	20	
52	5.3	5.31	20	*
53	5.3	5.446	20	
54	5.3	5.496	20	
55	5.3	5.575	20	
56	5.3	5.419	20	
57	5.3	5.258	20	
58	5.3	5.278	20	
59	5.3	5.566	20	
60	5.3	5.645	20	
61	5.3	5.54	20	
62	5.3	5.595	20	
63	5.3	5.545	20	
64	5.3	5.294	20	*
65	5.3	5.301	20	*
66	5.3	5.262	20	
67	5.3	5.383	20	
68	5.3	5.717	20	
69	5.3	5.557	20	
70	5.3	5.61	20	
71	5.3	5.354	20	
72	5.3	5.491	20	
73	5.3	5.653	20	
74	5.3	5.42	20	
75	5.3	5.607	20	
76	5.3	5.529	20	
77	5.3	5.707	20	
78	5.3	5.639	20	

79	5.3	5.514	20	
80	5.3	5.367	20	
81	5.3	5.299	20	*
82	5.3	5.374	20	
83	5.3	5.68	20	
84	5.3	5.601	20	
85	5.3	5.524	20	
86	5.3	5.348	20	
87	5.3	5.685	20	
88	5.3	5.638	20	
89	5.3	5.539	20	
90	5.3	5.648	20	
91	5.3	5.536	20	
92	5.3	5.604	20	
93	5.3	5.574	20	
94	5.3	5.291	20	*
95	5.3	5.497	20	
96	5.3	5.353	20	
97	5.3	5.309	20	*
98	5.3	5.633	20	
99	5.3	5.402	20	
100	5.3	5.315	20	
Trail 30				
1	5.3	5.577	20	
2	5.3	5.336	20	
3	5.3	5.539	20	
4	5.3	5.389	20	
5	5.3	5.698	20	
6	5.3	5.268	20	
7	5.3	5.678	20	
8	5.3	5.37	20	
9	5.3	5.665	20	
10	5.3	5.683	20	
11	5.3	5.693	20	
12	5.3	5.494	20	
13	5.3	5.512	20	
14	5.3	5.629	20	
15	5.3	5.361	20	
16	5.3	5.281	20	
17	5.3	5.598	20	
18	5.3	5.402	20	
19	5.3	5.353	20	
20	5.3	5.271	20	
21	5.3	5.325	20	
22	5.3	5.582	20	
23	5.3	5.445	20	
24	5.3	5.347	20	
25	5.3	5.602	20	
26	5.3	5.649	20	
27	5.3	5.46	20	
28	5.3	5.293	20	*
29	5.3	5.517	20	
30	5.3	5.555	20	
31	5.3	5.645	20	
32	5.3	5.489	20	
33	5.3	5.521	20	

34	5.3	5.251	20	
35	5.3	5.332	20	
36	5.3	5.407	20	
37	5.3	5.253	20	
38	5.3	5.522	20	
39	5.3	5.303	20	*
40	5.3	5.723	20	
41	5.3	5.426	20	
42	5.3	5.509	20	
43	5.3	5.266	20	
44	5.3	5.711	20	
45	5.3	5.289	20	
46	5.3	5.404	20	
47	5.3	5.447	20	
48	5.3	5.306	20	*
49	5.3	5.453	20	
50	5.3	5.719	20	
51	5.3	5.444	20	
52	5.3	5.398	20	
53	5.3	5.412	20	
54	5.3	5.435	20	
55	5.3	5.6	20	
56	5.3	5.446	20	
57	5.3	5.259	20	
58	5.3	5.687	20	
59	5.3	5.696	20	
60	5.3	5.308	20	*
61	5.3	5.635	20	
62	5.3	5.462	20	
63	5.3	5.34	20	
64	5.3	5.499	20	
65	5.3	5.553	20	
66	5.3	5.566	20	
67	5.3	5.351	20	
68	5.3	5.487	20	
69	5.3	5.547	20	
70	5.3	5.605	20	
71	5.3	5.575	20	
72	5.3	5.436	20	
73	5.3	5.295	20	*
74	5.3	5.465	20	
75	5.3	5.619	20	
76	5.3	5.641	20	
77	5.3	5.322	20	
78	5.3	5.406	20	
79	5.3	5.5	20	
80	5.3	5.348	20	
81	5.3	5.66	20	
82	5.3	5.692	20	
83	5.3	5.374	20	
84	5.3	5.655	20	
85	5.3	5.337	20	
86	5.3	5.599	20	
87	5.3	5.528	20	
88	5.3	5.616	20	
89	5.3	5.261	20	

90	5.3	5.631	20	
91	5.3	5.355	20	
92	5.3	5.318	20	
93	5.3	5.638	20	
94	5.3	5.298	20	*
95	5.3	5.393	20	
96	5.3	5.414	20	
97	5.3	5.706	20	
98	5.3	5.556	20	
99	5.3	5.367	20	
100	5.3	5.373	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	
18	5.31	5.674	40	
19	5.31	5.257	40	
20	5.31	5.609	40	
21	5.31	5.404	40	
22	5.31	5.47	40	
23	5.31	5.591	40	
24	5.31	5.402	40	
25	5.31	5.682	40	
26	5.31	5.434	40	
27	5.31	5.449	40	
28	5.31	5.444	40	
29	5.31	5.253	40	
30	5.31	5.537	40	
31	5.31	5.311	40	*
32	5.31	5.5	40	
33	5.31	5.384	40	
34	5.31	5.398	40	
35	5.31	5.369	40	
36	5.31	5.319	40	*
37	5.31	5.436	40	
38	5.31	5.322	40	*
39	5.31	5.503	40	
40	5.31	5.48	40	
41	5.31	5.349	40	
42	5.31	5.583	40	
43	5.31	5.622	40	
44	5.31	5.555	40	
45	5.31	5.346	40	
46	5.31	5.617	40	
47	5.31	5.588	40	

48	5.31	5.312	40	*
49	5.31	5.306	40	*
50	5.31	5.309	40	*
51	5.31	5.343	40	
52	5.31	5.381	40	
53	5.31	5.593	40	
54	5.31	5.38	40	
55	5.31	5.565	40	
56	5.31	5.646	40	
57	5.31	5.518	40	
58	5.31	5.501	40	
59	5.31	5.66	40	
60	5.31	5.599	40	
61	5.31	5.54	40	
62	5.31	5.627	40	
63	5.31	5.628	40	
64	5.31	5.283	40	
65	5.31	5.64	40	
66	5.31	5.441	40	
67	5.31	5.69	40	
68	5.31	5.496	40	
69	5.31	5.417	40	
70	5.31	5.29	40	*
71	5.31	5.56	40	
72	5.31	5.631	40	
73	5.31	5.385	40	
74	5.31	5.428	40	
75	5.31	5.448	40	
76	5.31	5.287	40	
77	5.31	5.458	40	
78	5.31	5.533	40	
79	5.31	5.394	40	
80	5.31	5.475	40	
81	5.31	5.549	40	
82	5.31	5.703	40	
83	5.31	5.52	40	
84	5.31	5.638	40	
85	5.31	5.556	40	
86	5.31	5.336	40	
87	5.31	5.654	40	
88	5.31	5.559	40	
89	5.31	5.479	40	
90	5.31	5.435	40	
91	5.31	5.256	40	
92	5.31	5.531	40	
93	5.31	5.36	40	
94	5.31	5.377	40	
95	5.31	5.669	40	
96	5.31	5.284	40	
97	5.31	5.597	40	
98	5.31	5.3	40	*
99	5.31	5.296	40	*
100	5.31	5.619	40	
Trail 17				
1	5.31	5.491	40	
2	5.31	5.417	40	

3	5.31	5.399	40	
4	5.31	5.555	40	
5	5.31	5.334	40	
6	5.31	5.349	40	
7	5.31	5.651	40	
8	5.31	5.578	40	
9	5.31	5.654	40	
10	5.31	5.393	40	
11	5.31	5.649	40	
12	5.31	5.697	40	
13	5.31	5.565	40	
14	5.31	5.525	40	
15	5.31	5.501	40	
16	5.31	5.4	40	
17	5.31	5.469	40	
18	5.31	5.415	40	
19	5.31	5.429	40	
20	5.31	5.552	40	
21	5.31	5.622	40	
22	5.31	5.683	40	
23	5.31	5.695	40	
24	5.31	5.341	40	
25	5.31	5.457	40	
26	5.31	5.686	40	
27	5.31	5.708	40	
28	5.31	5.497	40	
29	5.31	5.414	40	
30	5.31	5.504	40	
31	5.31	5.704	40	
32	5.31	5.411	40	
33	5.31	5.549	40	
34	5.31	5.531	40	
35	5.31	5.682	40	
36	5.31	5.717	40	
37	5.31	5.28	40	
38	5.31	5.599	40	
39	5.31	5.305	40	*
40	5.31	5.41	40	
41	5.31	5.405	40	
42	5.31	5.639	40	
43	5.31	5.284	40	
44	5.31	5.317	40	*
45	5.31	5.715	40	
46	5.31	5.315	40	*
47	5.31	5.359	40	
48	5.31	5.447	40	
49	5.31	5.461	40	
50	5.31	5.432	40	
51	5.31	5.48	40	
52	5.31	5.668	40	
53	5.31	5.362	40	
54	5.31	5.559	40	
55	5.31	5.307	40	*
56	5.31	5.63	40	
57	5.31	5.471	40	
58	5.31	5.426	40	

59	5.31	5.316	40	*
60	5.31	5.451	40	
61	5.31	5.443	40	
62	5.31	5.351	40	
63	5.31	5.268	40	
64	5.31	5.659	40	
65	5.31	5.278	40	
66	5.31	5.446	40	
67	5.31	5.551	40	
68	5.31	5.669	40	
69	5.31	5.64	40	
70	5.31	5.427	40	
71	5.31	5.419	40	
72	5.31	5.445	40	
73	5.31	5.31	40	*
74	5.31	5.384	40	
75	5.31	5.616	40	
76	5.31	5.69	40	
77	5.31	5.291	40	*
78	5.31	5.488	40	
79	5.31	5.498	40	
80	5.31	5.623	40	
81	5.31	5.617	40	
82	5.31	5.442	40	
83	5.31	5.44	40	
84	5.31	5.602	40	
85	5.31	5.472	40	
86	5.31	5.331	40	
87	5.31	5.254	40	
88	5.31	5.541	40	
89	5.31	5.403	40	
90	5.31	5.503	40	
91	5.31	5.279	40	
92	5.31	5.629	40	
93	5.31	5.365	40	
94	5.31	5.528	40	
95	5.31	5.521	40	
96	5.31	5.38	40	
97	5.31	5.401	40	
98	5.31	5.65	40	
99	5.31	5.514	40	
100	5.31	5.582	40	
Trail 18				
1	5.31	5.272	40	
2	5.31	5.265	40	
3	5.31	5.428	40	
4	5.31	5.444	40	
5	5.31	5.423	40	
6	5.31	5.632	40	
7	5.31	5.45	40	
8	5.31	5.392	40	
9	5.31	5.521	40	
10	5.31	5.333	40	
11	5.31	5.42	40	
12	5.31	5.625	40	
13	5.31	5.679	40	

14	5.31	5.412	40	
15	5.31	5.367	40	
16	5.31	5.399	40	
17	5.31	5.47	40	
18	5.31	5.508	40	
19	5.31	5.264	40	
20	5.31	5.665	40	
21	5.31	5.616	40	
22	5.31	5.379	40	
23	5.31	5.514	40	
24	5.31	5.715	40	
25	5.31	5.535	40	
26	5.31	5.461	40	
27	5.31	5.411	40	
28	5.31	5.257	40	
29	5.31	5.636	40	
30	5.31	5.671	40	
31	5.31	5.714	40	
32	5.31	5.525	40	
33	5.31	5.433	40	
34	5.31	5.543	40	
35	5.31	5.373	40	
36	5.31	5.595	40	
37	5.31	5.278	40	
38	5.31	5.385	40	
39	5.31	5.364	40	
40	5.31	5.337	40	
41	5.31	5.338	40	
42	5.31	5.589	40	
43	5.31	5.271	40	
44	5.31	5.539	40	
45	5.31	5.495	40	
46	5.31	5.336	40	
47	5.31	5.418	40	
48	5.31	5.688	40	
49	5.31	5.407	40	
50	5.31	5.701	40	
51	5.31	5.711	40	
52	5.31	5.614	40	
53	5.31	5.607	40	
54	5.31	5.512	40	
55	5.31	5.558	40	
56	5.31	5.524	40	
57	5.31	5.317	40	*
58	5.31	5.348	40	
59	5.31	5.435	40	
60	5.31	5.362	40	
61	5.31	5.358	40	
62	5.31	5.597	40	
63	5.31	5.292	40	*
64	5.31	5.408	40	
65	5.31	5.534	40	
66	5.31	5.663	40	
67	5.31	5.472	40	
68	5.31	5.528	40	
69	5.31	5.573	40	

70	5.31	5.372	40	
71	5.31	5.569	40	
72	5.31	5.654	40	
73	5.31	5.442	40	
74	5.31	5.267	40	
75	5.31	5.389	40	
76	5.31	5.308	40	*
77	5.31	5.283	40	
78	5.31	5.677	40	
79	5.31	5.324	40	*
80	5.31	5.494	40	
81	5.31	5.583	40	
82	5.31	5.436	40	
83	5.31	5.277	40	
84	5.31	5.62	40	
85	5.31	5.413	40	
86	5.31	5.497	40	
87	5.31	5.458	40	
88	5.31	5.658	40	
89	5.31	5.441	40	
90	5.31	5.378	40	
91	5.31	5.375	40	
92	5.31	5.346	40	
93	5.31	5.697	40	
94	5.31	5.453	40	
95	5.31	5.261	40	
96	5.31	5.661	40	
97	5.31	5.398	40	
98	5.31	5.371	40	
99	5.31	5.552	40	
100	5.31	5.26	40	
Trail 19				
1	5.31	5.307	40	*
2	5.31	5.499	40	
3	5.31	5.298	40	*
4	5.31	5.459	40	
5	5.31	5.32	40	*
6	5.31	5.297	40	*
7	5.31	5.384	40	
8	5.31	5.659	40	
9	5.31	5.327	40	*
10	5.31	5.558	40	
11	5.31	5.514	40	
12	5.31	5.345	40	
13	5.31	5.287	40	
14	5.31	5.569	40	
15	5.31	5.637	40	
16	5.31	5.556	40	
17	5.31	5.348	40	
18	5.31	5.428	40	
19	5.31	5.439	40	
20	5.31	5.46	40	
21	5.31	5.343	40	
22	5.31	5.528	40	
23	5.31	5.489	40	
24	5.31	5.631	40	

25	5.31	5.683	40	
26	5.31	5.399	40	
27	5.31	5.406	40	
28	5.31	5.336	40	
29	5.31	5.364	40	
30	5.31	5.603	40	
31	5.31	5.375	40	
32	5.31	5.282	40	
33	5.31	5.704	40	
34	5.31	5.646	40	
35	5.31	5.72	40	
36	5.31	5.41	40	
37	5.31	5.512	40	
38	5.31	5.642	40	
39	5.31	5.522	40	
40	5.31	5.557	40	
41	5.31	5.371	40	
42	5.31	5.605	40	
43	5.31	5.27	40	
44	5.31	5.334	40	
45	5.31	5.329	40	*
46	5.31	5.478	40	
47	5.31	5.268	40	
48	5.31	5.598	40	
49	5.31	5.617	40	
50	5.31	5.319	40	*
51	5.31	5.682	40	
52	5.31	5.464	40	
53	5.31	5.359	40	
54	5.31	5.333	40	
55	5.31	5.395	40	
56	5.31	5.639	40	
57	5.31	5.475	40	
58	5.31	5.312	40	*
59	5.31	5.444	40	
60	5.31	5.257	40	
61	5.31	5.263	40	
62	5.31	5.658	40	
63	5.31	5.57	40	
64	5.31	5.414	40	
65	5.31	5.552	40	
66	5.31	5.668	40	
67	5.31	5.661	40	
68	5.31	5.264	40	
69	5.31	5.53	40	
70	5.31	5.591	40	
71	5.31	5.688	40	
72	5.31	5.281	40	
73	5.31	5.653	40	
74	5.31	5.392	40	
75	5.31	5.582	40	
76	5.31	5.4	40	
77	5.31	5.316	40	*
78	5.31	5.498	40	
79	5.31	5.285	40	
80	5.31	5.564	40	

81	5.31	5.278	40	
82	5.31	5.467	40	
83	5.31	5.286	40	
84	5.31	5.649	40	
85	5.31	5.707	40	
86	5.31	5.267	40	
87	5.31	5.621	40	
88	5.31	5.301	40	*
89	5.31	5.611	40	
90	5.31	5.583	40	
91	5.31	5.701	40	
92	5.31	5.361	40	
93	5.31	5.454	40	
94	5.31	5.674	40	
95	5.31	5.461	40	
96	5.31	5.321	40	*
97	5.31	5.566	40	
98	5.31	5.496	40	
99	5.31	5.38	40	
100	5.31	5.606	40	
Trail 20				
1	5.31	5.398	40	
2	5.31	5.418	40	
3	5.31	5.52	40	
4	5.31	5.544	40	
5	5.31	5.374	40	
6	5.31	5.604	40	
7	5.31	5.685	40	
8	5.31	5.513	40	
9	5.31	5.263	40	
10	5.31	5.561	40	
11	5.31	5.391	40	
12	5.31	5.593	40	
13	5.31	5.387	40	
14	5.31	5.45	40	
15	5.31	5.442	40	
16	5.31	5.586	40	
17	5.31	5.298	40	*
18	5.31	5.478	40	
19	5.31	5.708	40	
20	5.31	5.482	40	
21	5.31	5.437	40	
22	5.31	5.718	40	
23	5.31	5.435	40	
24	5.31	5.351	40	
25	5.31	5.698	40	
26	5.31	5.537	40	
27	5.31	5.686	40	
28	5.31	5.525	40	
29	5.31	5.311	40	*
30	5.31	5.657	40	
31	5.31	5.649	40	
32	5.31	5.394	40	
33	5.31	5.591	40	
34	5.31	5.691	40	
35	5.31	5.633	40	

36	5.31	5.34	40	
37	5.31	5.337	40	
38	5.31	5.303	40	*
39	5.31	5.567	40	
40	5.31	5.547	40	
41	5.31	5.407	40	
42	5.31	5.592	40	
43	5.31	5.707	40	
44	5.31	5.454	40	
45	5.31	5.424	40	
46	5.31	5.498	40	
47	5.31	5.406	40	
48	5.31	5.533	40	
49	5.31	5.693	40	
50	5.31	5.475	40	
51	5.31	5.5	40	
52	5.31	5.703	40	
53	5.31	5.356	40	
54	5.31	5.412	40	
55	5.31	5.285	40	
56	5.31	5.653	40	
57	5.31	5.282	40	
58	5.31	5.417	40	
59	5.31	5.397	40	
60	5.31	5.564	40	
61	5.31	5.379	40	
62	5.31	5.274	40	
63	5.31	5.555	40	
64	5.31	5.63	40	
65	5.31	5.596	40	
66	5.31	5.27	40	
67	5.31	5.563	40	
68	5.31	5.516	40	
69	5.31	5.667	40	
70	5.31	5.668	40	
71	5.31	5.663	40	
72	5.31	5.641	40	
73	5.31	5.373	40	
74	5.31	5.289	40	
75	5.31	5.669	40	
76	5.31	5.253	40	
77	5.31	5.259	40	
78	5.31	5.508	40	
79	5.31	5.338	40	
80	5.31	5.512	40	
81	5.31	5.613	40	
82	5.31	5.66	40	
83	5.31	5.507	40	
84	5.31	5.699	40	
85	5.31	5.252	40	
86	5.31	5.353	40	
87	5.31	5.309	40	*
88	5.31	5.48	40	
89	5.31	5.636	40	
90	5.31	5.422	40	
91	5.31	5.529	40	

92	5.31	5.413	40	
93	5.31	5.497	40	
94	5.31	5.389	40	
95	5.31	5.488	40	
96	5.31	5.381	40	
97	5.31	5.261	40	
98	5.31	5.363	40	
99	5.31	5.33	40	*
100	5.31	5.266	40	
Trail 21				
1	5.31	5.61	40	
2	5.31	5.713	40	
3	5.31	5.562	40	
4	5.31	5.632	40	
5	5.31	5.277	40	
6	5.31	5.634	40	
7	5.31	5.444	40	
8	5.31	5.675	40	
9	5.31	5.51	40	
10	5.31	5.367	40	
11	5.31	5.508	40	
12	5.31	5.552	40	
13	5.31	5.382	40	
14	5.31	5.339	40	
15	5.31	5.436	40	
16	5.31	5.647	40	
17	5.31	5.451	40	
18	5.31	5.578	40	
19	5.31	5.329	40	*
20	5.31	5.516	40	
21	5.31	5.659	40	
22	5.31	5.374	40	
23	5.31	5.253	40	
24	5.31	5.662	40	
25	5.31	5.377	40	
26	5.31	5.283	40	
27	5.31	5.326	40	*
28	5.31	5.433	40	
29	5.31	5.393	40	
30	5.31	5.336	40	
31	5.31	5.511	40	
32	5.31	5.324	40	*
33	5.31	5.673	40	
34	5.31	5.505	40	
35	5.31	5.479	40	
36	5.31	5.542	40	
37	5.31	5.614	40	
38	5.31	5.501	40	
39	5.31	5.395	40	
40	5.31	5.454	40	
41	5.31	5.631	40	
42	5.31	5.589	40	
43	5.31	5.494	40	
44	5.31	5.287	40	
45	5.31	5.719	40	
46	5.31	5.586	40	

47	5.31	5.422	40	
48	5.31	5.596	40	
49	5.31	5.26	40	
50	5.31	5.645	40	
51	5.31	5.714	40	
52	5.31	5.42	40	
53	5.31	5.587	40	
54	5.31	5.676	40	
55	5.31	5.354	40	
56	5.31	5.261	40	
57	5.31	5.407	40	
58	5.31	5.322	40	*
59	5.31	5.607	40	
60	5.31	5.582	40	
61	5.31	5.601	40	
62	5.31	5.29	40	*
63	5.31	5.262	40	
64	5.31	5.281	40	
65	5.31	5.545	40	
66	5.31	5.386	40	
67	5.31	5.544	40	
68	5.31	5.677	40	
69	5.31	5.619	40	
70	5.31	5.697	40	
71	5.31	5.701	40	
72	5.31	5.707	40	
73	5.31	5.723	40	
74	5.31	5.526	40	
75	5.31	5.327	40	*
76	5.31	5.33	40	*
77	5.31	5.388	40	
78	5.31	5.291	40	*
79	5.31	5.314	40	*
80	5.31	5.488	40	
81	5.31	5.355	40	
82	5.31	5.716	40	
83	5.31	5.624	40	
84	5.31	5.423	40	
85	5.31	5.691	40	
86	5.31	5.529	40	
87	5.31	5.426	40	
88	5.31	5.319	40	*
89	5.31	5.252	40	
90	5.31	5.665	40	
91	5.31	5.63	40	
92	5.31	5.636	40	
93	5.31	5.546	40	
94	5.31	5.449	40	
95	5.31	5.518	40	
96	5.31	5.597	40	
97	5.31	5.323	40	*
98	5.31	5.509	40	
99	5.31	5.399	40	
100	5.31	5.403	40	
Trail 22				
1	5.31	5.269	40	

2	5.31	5.709	40	
3	5.31	5.561	40	
4	5.31	5.369	40	
5	5.31	5.514	40	
6	5.31	5.529	40	
7	5.31	5.374	40	
8	5.31	5.718	40	
9	5.31	5.484	40	
10	5.31	5.349	40	
11	5.31	5.622	40	
12	5.31	5.538	40	
13	5.31	5.34	40	
14	5.31	5.624	40	
15	5.31	5.637	40	
16	5.31	5.688	40	
17	5.31	5.38	40	
18	5.31	5.277	40	
19	5.31	5.259	40	
20	5.31	5.66	40	
21	5.31	5.681	40	
22	5.31	5.674	40	
23	5.31	5.493	40	
24	5.31	5.695	40	
25	5.31	5.362	40	
26	5.31	5.379	40	
27	5.31	5.638	40	
28	5.31	5.656	40	
29	5.31	5.579	40	
30	5.31	5.319	40	*
31	5.31	5.712	40	
32	5.31	5.328	40	*
33	5.31	5.486	40	
34	5.31	5.352	40	
35	5.31	5.422	40	
36	5.31	5.43	40	
37	5.31	5.449	40	
38	5.31	5.657	40	
39	5.31	5.483	40	
40	5.31	5.53	40	
41	5.31	5.336	40	
42	5.31	5.491	40	
43	5.31	5.565	40	
44	5.31	5.672	40	
45	5.31	5.402	40	
46	5.31	5.705	40	
47	5.31	5.551	40	
48	5.31	5.668	40	
49	5.31	5.321	40	*
50	5.31	5.388	40	
51	5.31	5.717	40	
52	5.31	5.254	40	
53	5.31	5.468	40	
54	5.31	5.39	40	
55	5.31	5.465	40	
56	5.31	5.576	40	
57	5.31	5.338	40	

58	5.31	5.41	40	
59	5.31	5.559	40	
60	5.31	5.636	40	
61	5.31	5.36	40	
62	5.31	5.608	40	
63	5.31	5.414	40	
64	5.31	5.623	40	
65	5.31	5.453	40	
66	5.31	5.652	40	
67	5.31	5.274	40	
68	5.31	5.272	40	
69	5.31	5.662	40	
70	5.31	5.282	40	
71	5.31	5.304	40	*
72	5.31	5.436	40	
73	5.31	5.337	40	
74	5.31	5.325	40	*
75	5.31	5.348	40	
76	5.31	5.345	40	
77	5.31	5.542	40	
78	5.31	5.47	40	
79	5.31	5.371	40	
80	5.31	5.583	40	
81	5.31	5.659	40	
82	5.31	5.363	40	
83	5.31	5.283	40	
84	5.31	5.463	40	
85	5.31	5.685	40	
86	5.31	5.599	40	
87	5.31	5.365	40	
88	5.31	5.401	40	
89	5.31	5.403	40	
90	5.31	5.527	40	
91	5.31	5.343	40	
92	5.31	5.358	40	
93	5.31	5.305	40	*
94	5.31	5.366	40	
95	5.31	5.42	40	
96	5.31	5.396	40	
97	5.31	5.404	40	
98	5.31	5.587	40	
99	5.31	5.603	40	
100	5.31	5.459	40	
Trail 23				
1	5.31	5.52	40	
2	5.31	5.53	40	
3	5.31	5.409	40	
4	5.31	5.336	40	
5	5.31	5.517	40	
6	5.31	5.718	40	
7	5.31	5.305	40	*
8	5.31	5.705	40	
9	5.31	5.312	40	*
10	5.31	5.397	40	
11	5.31	5.674	40	
12	5.31	5.61	40	

13	5.31	5.565	40	
14	5.31	5.375	40	
15	5.31	5.724	40	
16	5.31	5.625	40	
17	5.31	5.27	40	
18	5.31	5.435	40	
19	5.31	5.626	40	
20	5.31	5.619	40	
21	5.31	5.309	40	*
22	5.31	5.28	40	
23	5.31	5.279	40	
24	5.31	5.715	40	
25	5.31	5.273	40	
26	5.31	5.708	40	
27	5.31	5.49	40	
28	5.31	5.338	40	
29	5.31	5.593	40	
30	5.31	5.485	40	
31	5.31	5.341	40	
32	5.31	5.444	40	
33	5.31	5.532	40	
34	5.31	5.613	40	
35	5.31	5.496	40	
36	5.31	5.392	40	
37	5.31	5.322	40	*
38	5.31	5.551	40	
39	5.31	5.702	40	
40	5.31	5.665	40	
41	5.31	5.624	40	
42	5.31	5.508	40	
43	5.31	5.382	40	
44	5.31	5.339	40	
45	5.31	5.351	40	
46	5.31	5.575	40	
47	5.31	5.388	40	
48	5.31	5.686	40	
49	5.31	5.264	40	
50	5.31	5.385	40	
51	5.31	5.332	40	
52	5.31	5.572	40	
53	5.31	5.328	40	*
54	5.31	5.544	40	
55	5.31	5.513	40	
56	5.31	5.346	40	
57	5.31	5.446	40	
58	5.31	5.62	40	
59	5.31	5.461	40	
60	5.31	5.31	40	*
61	5.31	5.632	40	
62	5.31	5.678	40	
63	5.31	5.57	40	
64	5.31	5.631	40	
65	5.31	5.679	40	
66	5.31	5.46	40	
67	5.31	5.58	40	
68	5.31	5.633	40	

69	5.31	5.571	40	
70	5.31	5.573	40	
71	5.31	5.457	40	
72	5.31	5.331	40	
73	5.31	5.642	40	
74	5.31	5.383	40	
75	5.31	5.525	40	
76	5.31	5.343	40	
77	5.31	5.267	40	
78	5.31	5.598	40	
79	5.31	5.602	40	
80	5.31	5.349	40	
81	5.31	5.638	40	
82	5.31	5.292	40	*
83	5.31	5.671	40	
84	5.31	5.503	40	
85	5.31	5.502	40	
86	5.31	5.302	40	*
87	5.31	5.326	40	*
88	5.31	5.319	40	*
89	5.31	5.453	40	
90	5.31	5.635	40	
91	5.31	5.344	40	
92	5.31	5.648	40	
93	5.31	5.486	40	
94	5.31	5.374	40	
95	5.31	5.66	40	
96	5.31	5.682	40	
97	5.31	5.295	40	*
98	5.31	5.618	40	
99	5.31	5.688	40	
100	5.31	5.723	40	
Trail 24				
1	5.31	5.683	40	
2	5.31	5.642	40	
3	5.31	5.504	40	
4	5.31	5.633	40	
5	5.31	5.657	40	
6	5.31	5.621	40	
7	5.31	5.252	40	
8	5.31	5.272	40	
9	5.31	5.598	40	
10	5.31	5.445	40	
11	5.31	5.499	40	
12	5.31	5.494	40	
13	5.31	5.461	40	
14	5.31	5.532	40	
15	5.31	5.33	40	*
16	5.31	5.394	40	
17	5.31	5.552	40	
18	5.31	5.279	40	
19	5.31	5.505	40	
20	5.31	5.343	40	
21	5.31	5.626	40	
22	5.31	5.573	40	
23	5.31	5.368	40	

24	5.31	5.675	40	
25	5.31	5.594	40	
26	5.31	5.47	40	
27	5.31	5.724	40	
28	5.31	5.509	40	
29	5.31	5.28	40	
30	5.31	5.38	40	
31	5.31	5.344	40	
32	5.31	5.634	40	
33	5.31	5.297	40	*
34	5.31	5.571	40	
35	5.31	5.408	40	
36	5.31	5.617	40	
37	5.31	5.265	40	
38	5.31	5.577	40	
39	5.31	5.533	40	
40	5.31	5.707	40	
41	5.31	5.496	40	
42	5.31	5.442	40	
43	5.31	5.597	40	
44	5.31	5.637	40	
45	5.31	5.56	40	
46	5.31	5.689	40	
47	5.31	5.693	40	
48	5.31	5.317	40	*
49	5.31	5.572	40	
50	5.31	5.373	40	
51	5.31	5.522	40	
52	5.31	5.638	40	
53	5.31	5.671	40	
54	5.31	5.381	40	
55	5.31	5.717	40	
56	5.31	5.434	40	
57	5.31	5.618	40	
58	5.31	5.319	40	*
59	5.31	5.264	40	
60	5.31	5.529	40	
61	5.31	5.72	40	
62	5.31	5.431	40	
63	5.31	5.631	40	
64	5.31	5.345	40	
65	5.31	5.692	40	
66	5.31	5.261	40	
67	5.31	5.291	40	*
68	5.31	5.462	40	
69	5.31	5.457	40	
70	5.31	5.562	40	
71	5.31	5.587	40	
72	5.31	5.332	40	
73	5.31	5.679	40	
74	5.31	5.666	40	
75	5.31	5.338	40	
76	5.31	5.269	40	
77	5.31	5.524	40	
78	5.31	5.356	40	
79	5.31	5.513	40	

80	5.31	5.302	40	*
81	5.31	5.696	40	
82	5.31	5.273	40	
83	5.31	5.639	40	
84	5.31	5.595	40	
85	5.31	5.326	40	*
86	5.31	5.388	40	
87	5.31	5.406	40	
88	5.31	5.698	40	
89	5.31	5.347	40	
90	5.31	5.268	40	
91	5.31	5.382	40	
92	5.31	5.566	40	
93	5.31	5.708	40	
94	5.31	5.511	40	
95	5.31	5.599	40	
96	5.31	5.569	40	
97	5.31	5.46	40	
98	5.31	5.412	40	
99	5.31	5.39	40	
100	5.31	5.385	40	
Trail 25				
1	5.31	5.601	40	
2	5.31	5.477	40	
3	5.31	5.507	40	
4	5.31	5.581	40	
5	5.31	5.357	40	
6	5.31	5.311	40	*
7	5.31	5.273	40	
8	5.31	5.582	40	
9	5.31	5.41	40	
10	5.31	5.595	40	
11	5.31	5.414	40	
12	5.31	5.361	40	
13	5.31	5.482	40	
14	5.31	5.487	40	
15	5.31	5.269	40	
16	5.31	5.711	40	
17	5.31	5.546	40	
18	5.31	5.396	40	
19	5.31	5.423	40	
20	5.31	5.699	40	
21	5.31	5.491	40	
22	5.31	5.428	40	
23	5.31	5.656	40	
24	5.31	5.432	40	
25	5.31	5.614	40	
26	5.31	5.483	40	
27	5.31	5.632	40	
28	5.31	5.35	40	
29	5.31	5.644	40	
30	5.31	5.321	40	*
31	5.31	5.37	40	
32	5.31	5.334	40	
33	5.31	5.355	40	
34	5.31	5.538	40	

35	5.31	5.323	40	*
36	5.31	5.266	40	
37	5.31	5.525	40	
38	5.31	5.427	40	
39	5.31	5.696	40	
40	5.31	5.684	40	
41	5.31	5.469	40	
42	5.31	5.283	40	
43	5.31	5.319	40	*
44	5.31	5.631	40	
45	5.31	5.512	40	
46	5.31	5.377	40	
47	5.31	5.72	40	
48	5.31	5.356	40	
49	5.31	5.367	40	
50	5.31	5.424	40	
51	5.31	5.488	40	
52	5.31	5.32	40	*
53	5.31	5.695	40	
54	5.31	5.268	40	
55	5.31	5.387	40	
56	5.31	5.305	40	*
57	5.31	5.722	40	
58	5.31	5.617	40	
59	5.31	5.552	40	
60	5.31	5.358	40	
61	5.31	5.61	40	
62	5.31	5.517	40	
63	5.31	5.714	40	
64	5.31	5.693	40	
65	5.31	5.478	40	
66	5.31	5.576	40	
67	5.31	5.531	40	
68	5.31	5.549	40	
69	5.31	5.288	40	
70	5.31	5.493	40	
71	5.31	5.295	40	*
72	5.31	5.574	40	
73	5.31	5.366	40	
74	5.31	5.404	40	
75	5.31	5.267	40	
76	5.31	5.284	40	
77	5.31	5.616	40	
78	5.31	5.292	40	*
79	5.31	5.65	40	
80	5.31	5.408	40	
81	5.31	5.426	40	
82	5.31	5.687	40	
83	5.31	5.351	40	
84	5.31	5.543	40	
85	5.31	5.401	40	
86	5.31	5.497	40	
87	5.31	5.368	40	
88	5.31	5.443	40	
89	5.31	5.285	40	
90	5.31	5.676	40	

91	5.31	5.662	40	
92	5.31	5.316	40	*
93	5.31	5.325	40	*
94	5.31	5.381	40	
95	5.31	5.379	40	
96	5.31	5.45	40	
97	5.31	5.637	40	
98	5.31	5.416	40	
99	5.31	5.326	40	*
100	5.31	5.359	40	
Trail 26				
1	5.31	5.407	40	
2	5.31	5.308	40	*
3	5.31	5.421	40	
4	5.31	5.515	40	
5	5.31	5.262	40	
6	5.31	5.701	40	
7	5.31	5.599	40	
8	5.31	5.385	40	
9	5.31	5.662	40	
10	5.31	5.723	40	
11	5.31	5.72	40	
12	5.31	5.44	40	
13	5.31	5.399	40	
14	5.31	5.513	40	
15	5.31	5.462	40	
16	5.31	5.685	40	
17	5.31	5.355	40	
18	5.31	5.562	40	
19	5.31	5.488	40	
20	5.31	5.684	40	
21	5.31	5.574	40	
22	5.31	5.554	40	
23	5.31	5.689	40	
24	5.31	5.516	40	
25	5.31	5.539	40	
26	5.31	5.704	40	
27	5.31	5.465	40	
28	5.31	5.397	40	
29	5.31	5.322	40	*
30	5.31	5.362	40	
31	5.31	5.459	40	
32	5.31	5.454	40	
33	5.31	5.663	40	
34	5.31	5.317	40	*
35	5.31	5.698	40	
36	5.31	5.524	40	
37	5.31	5.448	40	
38	5.31	5.526	40	
39	5.31	5.442	40	
40	5.31	5.368	40	
41	5.31	5.437	40	
42	5.31	5.316	40	*
43	5.31	5.446	40	
44	5.31	5.266	40	
45	5.31	5.373	40	

46	5.31	5.396	40	
47	5.31	5.714	40	
48	5.31	5.644	40	
49	5.31	5.535	40	
50	5.31	5.579	40	
51	5.31	5.567	40	
52	5.31	5.33	40	*
53	5.31	5.522	40	
54	5.31	5.376	40	
55	5.31	5.471	40	
56	5.31	5.538	40	
57	5.31	5.268	40	
58	5.31	5.705	40	
59	5.31	5.278	40	
60	5.31	5.606	40	
61	5.31	5.444	40	
62	5.31	5.519	40	
63	5.31	5.463	40	
64	5.31	5.646	40	
65	5.31	5.605	40	
66	5.31	5.693	40	
67	5.31	5.304	40	*
68	5.31	5.288	40	
69	5.31	5.594	40	
70	5.31	5.439	40	
71	5.31	5.401	40	
72	5.31	5.553	40	
73	5.31	5.326	40	*
74	5.31	5.621	40	
75	5.31	5.677	40	
76	5.31	5.695	40	
77	5.31	5.426	40	
78	5.31	5.666	40	
79	5.31	5.377	40	
80	5.31	5.411	40	
81	5.31	5.587	40	
82	5.31	5.639	40	
83	5.31	5.314	40	*
84	5.31	5.415	40	
85	5.31	5.652	40	
86	5.31	5.467	40	
87	5.31	5.434	40	
88	5.31	5.551	40	
89	5.31	5.557	40	
90	5.31	5.473	40	
91	5.31	5.556	40	
92	5.31	5.645	40	
93	5.31	5.709	40	
94	5.31	5.59	40	
95	5.31	5.452	40	
96	5.31	5.271	40	
97	5.31	5.68	40	
98	5.31	5.289	40	
99	5.31	5.41	40	
100	5.31	5.504	40	

Trial 27

1	5.31	5.514	40	
2	5.31	5.287	40	
3	5.31	5.468	40	
4	5.31	5.651	40	
5	5.31	5.489	40	
6	5.31	5.682	40	
7	5.31	5.302	40	*
8	5.31	5.341	40	
9	5.31	5.5	40	
10	5.31	5.656	40	
11	5.31	5.516	40	
12	5.31	5.577	40	
13	5.31	5.332	40	
14	5.31	5.49	40	
15	5.31	5.41	40	
16	5.31	5.506	40	
17	5.31	5.687	40	
18	5.31	5.653	40	
19	5.31	5.334	40	
20	5.31	5.34	40	
21	5.31	5.544	40	
22	5.31	5.27	40	
23	5.31	5.504	40	
24	5.31	5.464	40	
25	5.31	5.641	40	
26	5.31	5.321	40	*
27	5.31	5.313	40	*
28	5.31	5.526	40	
29	5.31	5.708	40	
30	5.31	5.671	40	
31	5.31	5.257	40	
32	5.31	5.485	40	
33	5.31	5.384	40	
34	5.31	5.473	40	
35	5.31	5.699	40	
36	5.31	5.425	40	
37	5.31	5.381	40	
38	5.31	5.47	40	
39	5.31	5.275	40	
40	5.31	5.707	40	
41	5.31	5.691	40	
42	5.31	5.35	40	
43	5.31	5.393	40	
44	5.31	5.502	40	
45	5.31	5.65	40	
46	5.31	5.377	40	
47	5.31	5.491	40	
48	5.31	5.511	40	
49	5.31	5.72	40	
50	5.31	5.558	40	
51	5.31	5.601	40	
52	5.31	5.678	40	
53	5.31	5.679	40	
54	5.31	5.259	40	
55	5.31	5.6	40	
56	5.31	5.503	40	

57	5.31	5.686	40	
58	5.31	5.424	40	
59	5.31	5.573	40	
60	5.31	5.501	40	
61	5.31	5.378	40	
62	5.31	5.633	40	
63	5.31	5.31	40	*
64	5.31	5.37	40	
65	5.31	5.326	40	*
66	5.31	5.677	40	
67	5.31	5.273	40	
68	5.31	5.48	40	
69	5.31	5.44	40	
70	5.31	5.676	40	
71	5.31	5.389	40	
72	5.31	5.615	40	
73	5.31	5.301	40	*
74	5.31	5.642	40	
75	5.31	5.512	40	
76	5.31	5.342	40	
77	5.31	5.461	40	
78	5.31	5.252	40	
79	5.31	5.673	40	
80	5.31	5.276	40	
81	5.31	5.258	40	
82	5.31	5.467	40	
83	5.31	5.45	40	
84	5.31	5.402	40	
85	5.31	5.523	40	
86	5.31	5.418	40	
87	5.31	5.614	40	
88	5.31	5.666	40	
89	5.31	5.565	40	
90	5.31	5.372	40	
91	5.31	5.648	40	
92	5.31	5.639	40	
93	5.31	5.325	40	*
94	5.31	5.324	40	*
95	5.31	5.638	40	
96	5.31	5.553	40	
97	5.31	5.25	40	
98	5.31	5.323	40	*
99	5.31	5.561	40	
100	5.31	5.548	40	
Trail 28				
1	5.31	5.424	40	
2	5.31	5.255	40	
3	5.31	5.56	40	
4	5.31	5.431	40	
5	5.31	5.477	40	
6	5.31	5.473	40	
7	5.31	5.72	40	
8	5.31	5.292	40	*
9	5.31	5.63	40	
10	5.31	5.296	40	*
11	5.31	5.272	40	

12	5.31	5.425	40	
13	5.31	5.297	40	*
14	5.31	5.352	40	
15	5.31	5.398	40	
16	5.31	5.641	40	
17	5.31	5.674	40	
18	5.31	5.529	40	
19	5.31	5.403	40	
20	5.31	5.684	40	
21	5.31	5.722	40	
22	5.31	5.455	40	
23	5.31	5.692	40	
24	5.31	5.597	40	
25	5.31	5.465	40	
26	5.31	5.518	40	
27	5.31	5.277	40	
28	5.31	5.289	40	
29	5.31	5.463	40	
30	5.31	5.585	40	
31	5.31	5.7	40	
32	5.31	5.482	40	
33	5.31	5.306	40	*
34	5.31	5.368	40	
35	5.31	5.711	40	
36	5.31	5.586	40	
37	5.31	5.647	40	
38	5.31	5.432	40	
39	5.31	5.633	40	
40	5.31	5.38	40	
41	5.31	5.645	40	
42	5.31	5.25	40	
43	5.31	5.308	40	*
44	5.31	5.385	40	
45	5.31	5.639	40	
46	5.31	5.377	40	
47	5.31	5.265	40	
48	5.31	5.564	40	
49	5.31	5.704	40	
50	5.31	5.712	40	
51	5.31	5.53	40	
52	5.31	5.702	40	
53	5.31	5.631	40	
54	5.31	5.707	40	
55	5.31	5.651	40	
56	5.31	5.544	40	
57	5.31	5.288	40	
58	5.31	5.468	40	
59	5.31	5.479	40	
60	5.31	5.461	40	
61	5.31	5.363	40	
62	5.31	5.71	40	
63	5.31	5.429	40	
64	5.31	5.345	40	
65	5.31	5.378	40	
66	5.31	5.542	40	
67	5.31	5.476	40	

68	5.31	5.54	40	
69	5.31	5.498	40	
70	5.31	5.341	40	
71	5.31	5.512	40	
72	5.31	5.464	40	
73	5.31	5.724	40	
74	5.31	5.348	40	
75	5.31	5.381	40	
76	5.31	5.417	40	
77	5.31	5.677	40	
78	5.31	5.565	40	
79	5.31	5.379	40	
80	5.31	5.494	40	
81	5.31	5.456	40	
82	5.31	5.372	40	
83	5.31	5.629	40	
84	5.31	5.419	40	
85	5.31	5.682	40	
86	5.31	5.65	40	
87	5.31	5.503	40	
88	5.31	5.599	40	
89	5.31	5.554	40	
90	5.31	5.643	40	
91	5.31	5.535	40	
92	5.31	5.335	40	
93	5.31	5.628	40	
94	5.31	5.563	40	
95	5.31	5.578	40	
96	5.31	5.486	40	
97	5.31	5.523	40	
98	5.31	5.412	40	
99	5.31	5.393	40	
100	5.31	5.39	40	

Trail 29

1	5.31	5.516	40	
2	5.31	5.654	40	
3	5.31	5.275	40	
4	5.31	5.421	40	
5	5.31	5.37	40	
6	5.31	5.359	40	
7	5.31	5.538	40	
8	5.31	5.353	40	
9	5.31	5.288	40	
10	5.31	5.361	40	
11	5.31	5.633	40	
12	5.31	5.684	40	
13	5.31	5.36	40	
14	5.31	5.598	40	
15	5.31	5.688	40	
16	5.31	5.322	40	*
17	5.31	5.304	40	*
18	5.31	5.287	40	
19	5.31	5.26	40	
20	5.31	5.414	40	
21	5.31	5.405	40	
22	5.31	5.683	40	

23	5.31	5.382	40	
24	5.31	5.723	40	
25	5.31	5.535	40	
26	5.31	5.283	40	
27	5.31	5.394	40	
28	5.31	5.355	40	
29	5.31	5.373	40	
30	5.31	5.691	40	
31	5.31	5.57	40	
32	5.31	5.549	40	
33	5.31	5.342	40	
34	5.31	5.54	40	
35	5.31	5.393	40	
36	5.31	5.433	40	
37	5.31	5.459	40	
38	5.31	5.284	40	
39	5.31	5.489	40	
40	5.31	5.392	40	
41	5.31	5.693	40	
42	5.31	5.273	40	
43	5.31	5.513	40	
44	5.31	5.295	40	*
45	5.31	5.528	40	
46	5.31	5.349	40	
47	5.31	5.579	40	
48	5.31	5.494	40	
49	5.31	5.697	40	
50	5.31	5.364	40	
51	5.31	5.333	40	
52	5.31	5.458	40	
53	5.31	5.692	40	
54	5.31	5.719	40	
55	5.31	5.64	40	
56	5.31	5.641	40	
57	5.31	5.678	40	
58	5.31	5.666	40	
59	5.31	5.344	40	
60	5.31	5.628	40	
61	5.31	5.603	40	
62	5.31	5.267	40	
63	5.31	5.325	40	*
64	5.31	5.703	40	
65	5.31	5.385	40	
66	5.31	5.521	40	
67	5.31	5.567	40	
68	5.31	5.545	40	
69	5.31	5.715	40	
70	5.31	5.472	40	
71	5.31	5.289	40	
72	5.31	5.468	40	
73	5.31	5.34	40	
74	5.31	5.699	40	
75	5.31	5.376	40	
76	5.31	5.607	40	
77	5.31	5.299	40	*
78	5.31	5.551	40	

79	5.31	5.427	40	
80	5.31	5.722	40	
81	5.31	5.639	40	
82	5.31	5.463	40	
83	5.31	5.578	40	
84	5.31	5.453	40	
85	5.31	5.591	40	
86	5.31	5.292	40	*
87	5.31	5.529	40	
88	5.31	5.407	40	
89	5.31	5.706	40	
90	5.31	5.718	40	
91	5.31	5.436	40	
92	5.31	5.512	40	
93	5.31	5.328	40	*
94	5.31	5.612	40	
95	5.31	5.327	40	*
96	5.31	5.557	40	
97	5.31	5.51	40	
98	5.31	5.395	40	
99	5.31	5.689	40	
100	5.31	5.39	40	
Trail 30				
1	5.31	5.314	40	*
2	5.31	5.516	40	
3	5.31	5.606	40	
4	5.31	5.603	40	
5	5.31	5.347	40	
6	5.31	5.595	40	
7	5.31	5.636	40	
8	5.31	5.682	40	
9	5.31	5.448	40	
10	5.31	5.312	40	*
11	5.31	5.496	40	
12	5.31	5.412	40	
13	5.31	5.614	40	
14	5.31	5.316	40	*
15	5.31	5.5	40	
16	5.31	5.291	40	*
17	5.31	5.58	40	
18	5.31	5.703	40	
19	5.31	5.408	40	
20	5.31	5.407	40	
21	5.31	5.523	40	
22	5.31	5.557	40	
23	5.31	5.443	40	
24	5.31	5.555	40	
25	5.31	5.389	40	
26	5.31	5.489	40	
27	5.31	5.536	40	
28	5.31	5.343	40	
29	5.31	5.413	40	
30	5.31	5.399	40	
31	5.31	5.416	40	
32	5.31	5.349	40	
33	5.31	5.457	40	

34	5.31	5.69	40	
35	5.31	5.514	40	
36	5.31	5.486	40	
37	5.31	5.455	40	
38	5.31	5.335	40	
39	5.31	5.439	40	
40	5.31	5.337	40	
41	5.31	5.466	40	
42	5.31	5.7	40	
43	5.31	5.583	40	
44	5.31	5.559	40	
45	5.31	5.482	40	
46	5.31	5.67	40	
47	5.31	5.683	40	
48	5.31	5.477	40	
49	5.31	5.618	40	
50	5.31	5.723	40	
51	5.31	5.431	40	
52	5.31	5.722	40	
53	5.31	5.63	40	
54	5.31	5.476	40	
55	5.31	5.677	40	
56	5.31	5.424	40	
57	5.31	5.692	40	
58	5.31	5.341	40	
59	5.31	5.287	40	
60	5.31	5.421	40	
61	5.31	5.705	40	
62	5.31	5.333	40	
63	5.31	5.57	40	
64	5.31	5.576	40	
65	5.31	5.378	40	
66	5.31	5.651	40	
67	5.31	5.383	40	
68	5.31	5.334	40	
69	5.31	5.387	40	
70	5.31	5.587	40	
71	5.31	5.556	40	
72	5.31	5.649	40	
73	5.31	5.707	40	
74	5.31	5.34	40	
75	5.31	5.617	40	
76	5.31	5.663	40	
77	5.31	5.521	40	
78	5.31	5.373	40	
79	5.31	5.531	40	
80	5.31	5.26	40	
81	5.31	5.664	40	
82	5.31	5.494	40	
83	5.31	5.331	40	
84	5.31	5.311	40	*
85	5.31	5.594	40	
86	5.31	5.597	40	
87	5.31	5.718	40	
88	5.31	5.635	40	
89	5.31	5.256	40	

90	5.31	5.356	40		
91	5.31	5.621	40		
92	5.31	5.601	40		
93	5.31	5.637	40		
94	5.31	5.65	40		
95	5.31	5.668	40		
96	5.31	5.628	40		
97	5.31	5.259	40		
98	5.31	5.419	40		
99	5.31	5.688	40		
100	5.31	5.554	40		

Radar Type 6 – HT80-Mode:

Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX	Comments
Trail 1					
1	v	5.281	80	*	
2	5.29	5.36	80		
3	5.29	5.402	80		
4	5.29	5.275	80	*	
5	5.29	5.468	80		
6	5.29	5.39	80		
7	5.29	5.687	80		
8	5.29	5.581	80		
9	5.29	5.302	80	*	
10	5.29	5.292	80	*	
11	5.29	5.569	80		
12	5.29	5.449	80		
13	5.29	5.447	80		
14	5.29	5.255	80	*	
15	5.29	5.37	80		
16	5.29	5.618	80		
17	5.29	5.723	80		
18	5.29	5.685	80		
19	5.29	5.399	80		
20	5.29	5.385	80		
21	5.29	5.619	80		
22	5.29	5.525	80		
23	5.29	5.306	80	*	
24	5.29	5.582	80		
25	5.29	5.42	80		
26	5.29	5.368	80		
27	5.29	5.387	80		
28	5.29	5.7	80		
29	5.29	5.689	80		
30	5.29	5.317	80	*	
31	5.29	5.388	80		
32	5.29	5.356	80		
33	5.29	5.331	80		
34	5.29	5.573	80		
35	5.29	5.527	80		
36	5.29	5.297	80	*	
37	5.29	5.425	80		
38	5.29	5.699	80		
39	5.29	5.361	80		
40	5.29	5.486	80		
41	5.29	5.46	80		
42	5.29	5.72	80		
43	5.29	5.484	80		
44	5.29	5.429	80		
45	5.29	5.404	80		
46	5.29	5.621	80		
47	5.29	5.458	80		
48	5.29	5.616	80		
49	5.29	5.258	80	*	
50	5.29	5.712	80		

51	5.29	5.33	80	*
52	5.29	5.564	80	
53	5.29	5.708	80	
54	5.29	5.59	80	
55	5.29	5.307	80	*
56	5.29	5.625	80	
57	5.29	5.347	80	
58	5.29	5.279	80	*
59	5.29	5.661	80	
60	5.29	5.43	80	
61	5.29	5.528	80	
62	5.29	5.663	80	
63	5.29	5.327	80	*
64	5.29	5.359	80	
65	5.29	5.714	80	
66	5.29	5.338	80	
67	5.29	5.644	80	
68	5.29	5.474	80	
69	5.29	5.322	80	*
70	5.29	5.369	80	
71	5.29	5.336	80	
72	5.29	5.299	80	*
73	5.29	5.308	80	*
74	5.29	5.271	80	*
75	5.29	5.491	80	
76	5.29	5.298	80	*
77	5.29	5.538	80	
78	5.29	5.703	80	
79	5.29	5.633	80	
80	5.29	5.631	80	
81	5.29	5.568	80	
82	5.29	5.613	80	
83	5.29	5.287	80	*
84	5.29	5.269	80	*
85	5.29	5.413	80	
86	5.29	5.344	80	
87	5.29	5.711	80	
88	5.29	5.614	80	
89	5.29	5.455	80	
90	5.29	5.384	80	
91	5.29	5.337	80	
92	5.29	5.679	80	
93	5.29	5.488	80	
94	5.29	5.333	80	
95	5.29	5.284	80	*
96	5.29	5.261	80	*
97	5.29	5.521	80	
98	5.29	5.311	80	*
99	5.29	5.478	80	
100	5.29	5.343	80	
Trail 2				
1	5.29	5.32	80	*
2	5.29	5.435	80	
3	5.29	5.48	80	
4	5.29	5.277	80	*
5	5.29	5.679	80	

6	5.29	5.287	80	*
7	5.29	5.601	80	
8	5.29	5.621	80	
9	5.29	5.579	80	
10	5.29	5.398	80	
11	5.29	5.315	80	*
12	5.29	5.62	80	
13	5.29	5.522	80	
14	5.29	5.533	80	
15	5.29	5.659	80	
16	5.29	5.546	80	
17	5.29	5.451	80	
18	5.29	5.632	80	
19	5.29	5.401	80	
20	5.29	5.706	80	
21	5.29	5.359	80	
22	5.29	5.69	80	
23	5.29	5.559	80	
24	5.29	5.31	80	*
25	5.29	5.618	80	
26	5.29	5.313	80	*
27	5.29	5.54	80	
28	5.29	5.695	80	
29	5.29	5.356	80	
30	5.29	5.588	80	
31	5.29	5.666	80	
32	5.29	5.417	80	
33	5.29	5.439	80	
34	5.29	5.709	80	
35	5.29	5.416	80	
36	5.29	5.339	80	
37	5.29	5.28	80	*
38	5.29	5.378	80	
39	5.29	5.688	80	
40	5.29	5.326	80	*
41	5.29	5.475	80	
42	5.29	5.292	80	*
43	5.29	5.711	80	
44	5.29	5.431	80	
45	5.29	5.513	80	
46	5.29	5.423	80	
47	5.29	5.264	80	*
48	5.29	5.376	80	
49	5.29	5.713	80	
50	5.29	5.433	80	
51	5.29	5.704	80	
52	5.29	5.348	80	
53	5.29	5.605	80	
54	5.29	5.381	80	
55	5.29	5.673	80	
56	5.29	5.493	80	
57	5.29	5.337	80	
58	5.29	5.576	80	
59	5.29	5.407	80	
60	5.29	5.72	80	
61	5.29	5.459	80	

62	5.29	5.483	80	
63	5.29	5.399	80	
64	5.29	5.426	80	
65	5.29	5.64	80	
66	5.29	5.282	80	*
67	5.29	5.567	80	
68	5.29	5.434	80	
69	5.29	5.373	80	
70	5.29	5.642	80	
71	5.29	5.474	80	
72	5.29	5.365	80	
73	5.29	5.458	80	
74	5.29	5.653	80	
75	5.29	5.449	80	
76	5.29	5.266	80	*
77	5.29	5.366	80	
78	5.29	5.494	80	
79	5.29	5.336	80	
80	5.29	5.544	80	
81	5.29	5.485	80	
82	5.29	5.518	80	
83	5.29	5.331	80	
84	5.29	5.346	80	
85	5.29	5.583	80	
86	5.29	5.35	80	
87	5.29	5.379	80	
88	5.29	5.469	80	
89	5.29	5.278	80	*
90	5.29	5.719	80	
91	5.29	5.296	80	*
92	5.29	5.537	80	
93	5.29	5.585	80	
94	5.29	5.56	80	
95	5.29	5.677	80	
96	5.29	5.507	80	
97	5.29	5.305	80	*
98	5.29	5.281	80	*
99	5.29	5.554	80	
100	5.29	5.465	80	
Trail 3				
1	5.29	5.564	80	
2	5.29	5.359	80	
3	5.29	5.351	80	
4	5.29	5.308	80	*
5	5.29	5.613	80	
6	5.29	5.336	80	
7	5.29	5.643	80	
8	5.29	5.482	80	
9	5.29	5.415	80	
10	5.29	5.357	80	
11	5.29	5.491	80	
12	5.29	5.273	80	*
13	5.29	5.546	80	
14	5.29	5.669	80	
15	5.29	5.463	80	
16	5.29	5.469	80	

17	5.29	5.699	80	
18	5.29	5.651	80	
19	5.29	5.595	80	
20	5.29	5.678	80	
21	5.29	5.301	80	*
22	5.29	5.624	80	
23	5.29	5.409	80	
24	5.29	5.277	80	*
25	5.29	5.458	80	
26	5.29	5.338	80	
27	5.29	5.505	80	
28	5.29	5.47	80	
29	5.29	5.414	80	
30	5.29	5.479	80	
31	5.29	5.65	80	
32	5.29	5.723	80	
33	5.29	5.318	80	*
34	5.29	5.552	80	
35	5.29	5.297	80	*
36	5.29	5.378	80	
37	5.29	5.27	80	*
38	5.29	5.602	80	
39	5.29	5.287	80	*
40	5.29	5.697	80	
41	5.29	5.536	80	
42	5.29	5.422	80	
43	5.29	5.455	80	
44	5.29	5.377	80	
45	5.29	5.465	80	
46	5.29	5.498	80	
47	5.29	5.649	80	
48	5.29	5.43	80	
49	5.29	5.653	80	
50	5.29	5.659	80	
51	5.29	5.281	80	*
52	5.29	5.324	80	*
53	5.29	5.679	80	
54	5.29	5.604	80	
55	5.29	5.607	80	
56	5.29	5.608	80	
57	5.29	5.627	80	
58	5.29	5.704	80	
59	5.29	5.599	80	
60	5.29	5.26	80	*
61	5.29	5.603	80	
62	5.29	5.718	80	
63	5.29	5.606	80	
64	5.29	5.631	80	
65	5.29	5.667	80	
66	5.29	5.386	80	
67	5.29	5.261	80	*
68	5.29	5.475	80	
69	5.29	5.316	80	*
70	5.29	5.665	80	
71	5.29	5.492	80	
72	5.29	5.662	80	

73	5.29	5.702	80	
74	5.29	5.294	80	*
75	5.29	5.322	80	*
76	5.29	5.497	80	
77	5.29	5.309	80	*
78	5.29	5.321	80	*
79	5.29	5.279	80	*
80	5.29	5.579	80	
81	5.29	5.672	80	
82	5.29	5.392	80	
83	5.29	5.715	80	
84	5.29	5.597	80	
85	5.29	5.713	80	
86	5.29	5.379	80	
87	5.29	5.515	80	
88	5.29	5.513	80	
89	5.29	5.372	80	
90	5.29	5.61	80	
91	5.29	5.274	80	*
92	5.29	5.514	80	
93	5.29	5.489	80	
94	5.29	5.588	80	
95	5.29	5.509	80	
96	5.29	5.717	80	
97	5.29	5.494	80	
98	5.29	5.531	80	
99	5.29	5.512	80	
100	5.29	5.347	80	
Trail 4				
1	5.29	5.666	80	
2	5.29	5.659	80	
3	5.29	5.258	80	*
4	5.29	5.419	80	
5	5.29	5.461	80	
6	5.29	5.564	80	
7	5.29	5.425	80	
8	5.29	5.467	80	
9	5.29	5.338	80	
10	5.29	5.435	80	
11	5.29	5.409	80	
12	5.29	5.498	80	
13	5.29	5.389	80	
14	5.29	5.423	80	
15	5.29	5.632	80	
16	5.29	5.29	80	*
17	5.29	5.35	80	
18	5.29	5.489	80	
19	5.29	5.671	80	
20	5.29	5.649	80	
21	5.29	5.711	80	
22	5.29	5.297	80	*
23	5.29	5.519	80	
24	5.29	5.288	80	*
25	5.29	5.608	80	
26	5.29	5.547	80	
27	5.29	5.321	80	*

28	5.29	5.452	80	
29	5.29	5.499	80	
30	5.29	5.531	80	
31	5.29	5.683	80	
32	5.29	5.388	80	
33	5.29	5.567	80	
34	5.29	5.386	80	
35	5.29	5.685	80	
36	5.29	5.619	80	
37	5.29	5.527	80	
38	5.29	5.397	80	
39	5.29	5.31	80	*
40	5.29	5.572	80	
41	5.29	5.602	80	
42	5.29	5.702	80	
43	5.29	5.703	80	
44	5.29	5.529	80	
45	5.29	5.345	80	
46	5.29	5.343	80	
47	5.29	5.663	80	
48	5.29	5.682	80	
49	5.29	5.627	80	
50	5.29	5.522	80	
51	5.29	5.318	80	*
52	5.29	5.645	80	
53	5.29	5.609	80	
54	5.29	5.656	80	
55	5.29	5.542	80	
56	5.29	5.52	80	
57	5.29	5.294	80	*
58	5.29	5.252	80	*
59	5.29	5.485	80	
60	5.29	5.382	80	
61	5.29	5.449	80	
62	5.29	5.335	80	
63	5.29	5.692	80	
64	5.29	5.505	80	
65	5.29	5.653	80	
66	5.29	5.681	80	
67	5.29	5.336	80	
68	5.29	5.314	80	*
69	5.29	5.615	80	
70	5.29	5.422	80	
71	5.29	5.558	80	
72	5.29	5.624	80	
73	5.29	5.611	80	
74	5.29	5.311	80	*
75	5.29	5.502	80	
76	5.29	5.456	80	
77	5.29	5.48	80	
78	5.29	5.585	80	
79	5.29	5.58	80	
80	5.29	5.541	80	
81	5.29	5.438	80	
82	5.29	5.482	80	
83	5.29	5.715	80	

84	5.29	5.57	80	
85	5.29	5.354	80	
86	5.29	5.284	80	*
87	5.29	5.342	80	
88	5.29	5.281	80	*
89	5.29	5.362	80	
90	5.29	5.403	80	
91	5.29	5.326	80	*
92	5.29	5.66	80	
93	5.29	5.587	80	
94	5.29	5.41	80	
95	5.29	5.351	80	
96	5.29	5.339	80	
97	5.29	5.471	80	
98	5.29	5.298	80	*
99	5.29	5.289	80	*
100	5.29	5.719	80	
Trail 5				
1	5.29	5.423	80	
2	5.29	5.28	80	*
3	5.29	5.272	80	*
4	5.29	5.543	80	
5	5.29	5.44	80	
6	5.29	5.508	80	
7	5.29	5.497	80	
8	5.29	5.326	80	*
9	5.29	5.576	80	
10	5.29	5.704	80	
11	5.29	5.542	80	
12	5.29	5.293	80	*
13	5.29	5.32	80	*
14	5.29	5.297	80	*
15	5.29	5.498	80	
16	5.29	5.605	80	
17	5.29	5.52	80	
18	5.29	5.705	80	
19	5.29	5.303	80	*
20	5.29	5.72	80	
21	5.29	5.363	80	
22	5.29	5.614	80	
23	5.29	5.295	80	*
24	5.29	5.289	80	*
25	5.29	5.613	80	
26	5.29	5.259	80	*
27	5.29	5.593	80	
28	5.29	5.598	80	
29	5.29	5.358	80	
30	5.29	5.615	80	
31	5.29	5.351	80	
32	5.29	5.26	80	*
33	5.29	5.499	80	
34	5.29	5.389	80	
35	5.29	5.429	80	
36	5.29	5.306	80	*
37	5.29	5.319	80	*
38	5.29	5.34	80	

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39	5.29	5.654	80	
40	5.29	5.343	80	
41	5.29	5.441	80	
42	5.29	5.464	80	
43	5.29	5.287	80	*
44	5.29	5.468	80	
45	5.29	5.301	80	*
46	5.29	5.65	80	
47	5.29	5.696	80	
48	5.29	5.695	80	
49	5.29	5.405	80	
50	5.29	5.308	80	*
51	5.29	5.482	80	
52	5.29	5.271	80	*
53	5.29	5.416	80	
54	5.29	5.562	80	
55	5.29	5.321	80	*
56	5.29	5.682	80	
57	5.29	5.299	80	*
58	5.29	5.607	80	
59	5.29	5.707	80	
60	5.29	5.375	80	
61	5.29	5.436	80	
62	5.29	5.314	80	*
63	5.29	5.669	80	
64	5.29	5.55	80	
65	5.29	5.391	80	
66	5.29	5.493	80	
67	5.29	5.591	80	
68	5.29	5.348	80	
69	5.29	5.267	80	*
70	5.29	5.354	80	
71	5.29	5.328	80	*
72	5.29	5.398	80	
73	5.29	5.451	80	
74	5.29	5.621	80	
75	5.29	5.622	80	
76	5.29	5.549	80	
77	5.29	5.352	80	
78	5.29	5.311	80	*
79	5.29	5.68	80	
80	5.29	5.666	80	
81	5.29	5.709	80	
82	5.29	5.337	80	
83	5.29	5.623	80	
84	5.29	5.665	80	
85	5.29	5.517	80	
86	5.29	5.45	80	
87	5.29	5.539	80	
88	5.29	5.535	80	
89	5.29	5.305	80	*
90	5.29	5.256	80	*
91	5.29	5.683	80	
92	5.29	5.687	80	
93	5.29	5.29	80	*
94	5.29	5.409	80	

95	5.29	5.327	80	*
96	5.29	5.676	80	
97	5.29	5.674	80	
98	5.29	5.58	80	
99	5.29	5.261	80	*
100	5.29	5.546	80	
Trail 6				
1	5.29	5.32	80	*
2	5.29	5.359	80	
3	5.29	5.722	80	
4	5.29	5.554	80	
5	5.29	5.367	80	
6	5.29	5.261	80	*
7	5.29	5.715	80	
8	5.29	5.6	80	
9	5.29	5.62	80	
10	5.29	5.596	80	
11	5.29	5.314	80	*
12	5.29	5.25	80	*
13	5.29	5.338	80	
14	5.29	5.646	80	
15	5.29	5.525	80	
16	5.29	5.333	80	
17	5.29	5.404	80	
18	5.29	5.281	80	*
19	5.29	5.37	80	
20	5.29	5.696	80	
21	5.29	5.655	80	
22	5.29	5.714	80	
23	5.29	5.271	80	*
24	5.29	5.562	80	
25	5.29	5.489	80	
26	5.29	5.566	80	
27	5.29	5.386	80	
28	5.29	5.617	80	
29	5.29	5.255	80	*
30	5.29	5.477	80	
31	5.29	5.519	80	
32	5.29	5.399	80	
33	5.29	5.604	80	
34	5.29	5.719	80	
35	5.29	5.334	80	
36	5.29	5.48	80	
37	5.29	5.381	80	
38	5.29	5.598	80	
39	5.29	5.619	80	
40	5.29	5.616	80	
41	5.29	5.335	80	
42	5.29	5.348	80	
43	5.29	5.418	80	
44	5.29	5.572	80	
45	5.29	5.639	80	
46	5.29	5.341	80	
47	5.29	5.505	80	
48	5.29	5.268	80	*
49	5.29	5.502	80	

50	5.29	5.49	80	
51	5.29	5.356	80	
52	5.29	5.426	80	
53	5.29	5.371	80	
54	5.29	5.473	80	
55	5.29	5.533	80	
56	5.29	5.33	80	*
57	5.29	5.282	80	*
58	5.29	5.377	80	
59	5.29	5.274	80	*
60	5.29	5.713	80	
61	5.29	5.41	80	
62	5.29	5.697	80	
63	5.29	5.563	80	
64	5.29	5.337	80	
65	5.29	5.349	80	
66	5.29	5.42	80	
67	5.29	5.518	80	
68	5.29	5.366	80	
69	5.29	5.67	80	
70	5.29	5.252	80	*
71	5.29	5.382	80	
72	5.29	5.493	80	
73	5.29	5.372	80	
74	5.29	5.443	80	
75	5.29	5.262	80	*
76	5.29	5.39	80	
77	5.29	5.289	80	*
78	5.29	5.667	80	
79	5.29	5.656	80	
80	5.29	5.576	80	
81	5.29	5.305	80	*
82	5.29	5.601	80	
83	5.29	5.529	80	
84	5.29	5.551	80	
85	5.29	5.278	80	*
86	5.29	5.523	80	
87	5.29	5.531	80	
88	5.29	5.254	80	*
89	5.29	5.266	80	*
90	5.29	5.658	80	
91	5.29	5.275	80	*
92	5.29	5.677	80	
93	5.29	5.407	80	
94	5.29	5.556	80	
95	5.29	5.368	80	
96	5.29	5.352	80	
97	5.29	5.422	80	
98	5.29	5.499	80	
99	5.29	5.703	80	
100	5.29	5.678	80	
Trail 7				
1	5.29	5.456	80	
2	5.29	5.315	80	*
3	5.29	5.568	80	
4	5.29	5.554	80	

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5	5.29	5.278	80	*
6	5.29	5.426	80	
7	5.29	5.396	80	
8	5.29	5.687	80	
9	5.29	5.433	80	
10	5.29	5.295	80	*
11	5.29	5.364	80	
12	5.29	5.621	80	
13	5.29	5.261	80	*
14	5.29	5.656	80	
15	5.29	5.386	80	
16	5.29	5.486	80	
17	5.29	5.447	80	
18	5.29	5.316	80	*
19	5.29	5.65	80	
20	5.29	5.538	80	
21	5.29	5.511	80	
22	5.29	5.626	80	
23	5.29	5.662	80	
24	5.29	5.338	80	
25	5.29	5.355	80	
26	5.29	5.383	80	
27	5.29	5.509	80	
28	5.29	5.613	80	
29	5.29	5.63	80	
30	5.29	5.462	80	
31	5.29	5.437	80	
32	5.29	5.259	80	*
33	5.29	5.346	80	
34	5.29	5.337	80	
35	5.29	5.313	80	*
36	5.29	5.64	80	
37	5.29	5.481	80	
38	5.29	5.406	80	
39	5.29	5.508	80	
40	5.29	5.652	80	
41	5.29	5.646	80	
42	5.29	5.504	80	
43	5.29	5.487	80	
44	5.29	5.698	80	
45	5.29	5.354	80	
46	5.29	5.564	80	
47	5.29	5.533	80	
48	5.29	5.253	80	*
49	5.29	5.711	80	
50	5.29	5.435	80	
51	5.29	5.282	80	*
52	5.29	5.454	80	
53	5.29	5.523	80	
54	5.29	5.551	80	
55	5.29	5.273	80	*
56	5.29	5.421	80	
57	5.29	5.284	80	*
58	5.29	5.624	80	
59	5.29	5.466	80	
60	5.29	5.27	80	*

61	5.29	5.389	80	
62	5.29	5.484	80	
63	5.29	5.654	80	
64	5.29	5.457	80	
65	5.29	5.28	80	*
66	5.29	5.372	80	
67	5.29	5.342	80	
68	5.29	5.328	80	*
69	5.29	5.264	80	*
70	5.29	5.265	80	*
71	5.29	5.598	80	
72	5.29	5.565	80	
73	5.29	5.452	80	
74	5.29	5.593	80	
75	5.29	5.351	80	
76	5.29	5.327	80	*
77	5.29	5.605	80	
78	5.29	5.678	80	
79	5.29	5.358	80	
80	5.29	5.445	80	
81	5.29	5.366	80	
82	5.29	5.525	80	
83	5.29	5.559	80	
84	5.29	5.661	80	
85	5.29	5.5	80	
86	5.29	5.602	80	
87	5.29	5.606	80	
88	5.29	5.384	80	
89	5.29	5.392	80	
90	5.29	5.609	80	
91	5.29	5.673	80	
92	5.29	5.429	80	
93	5.29	5.537	80	
94	5.29	5.548	80	
95	5.29	5.659	80	
96	5.29	5.289	80	*
97	5.29	5.507	80	
98	5.29	5.279	80	*
99	5.29	5.544	80	
100	5.29	5.506	80	
Trail 8				
1	5.29	5.503	80	
2	5.29	5.722	80	
3	5.29	5.449	80	
4	5.29	5.607	80	
5	5.29	5.528	80	
6	5.29	5.369	80	
7	5.29	5.311	80	*
8	5.29	5.413	80	
9	5.29	5.388	80	
10	5.29	5.563	80	
11	5.29	5.398	80	
12	5.29	5.267	80	*
13	5.29	5.589	80	
14	5.29	5.534	80	
15	5.29	5.584	80	

16	5.29	5.698	80	
17	5.29	5.516	80	
18	5.29	5.442	80	
19	5.29	5.68	80	
20	5.29	5.609	80	
21	5.29	5.573	80	
22	5.29	5.585	80	
23	5.29	5.628	80	
24	5.29	5.654	80	
25	5.29	5.28	80	*
26	5.29	5.525	80	
27	5.29	5.251	80	*
28	5.29	5.485	80	
29	5.29	5.395	80	
30	5.29	5.625	80	
31	5.29	5.313	80	*
32	5.29	5.523	80	
33	5.29	5.385	80	
34	5.29	5.615	80	
35	5.29	5.571	80	
36	5.29	5.688	80	
37	5.29	5.566	80	
38	5.29	5.603	80	
39	5.29	5.7	80	
40	5.29	5.647	80	
41	5.29	5.317	80	*
42	5.29	5.595	80	
43	5.29	5.481	80	
44	5.29	5.368	80	
45	5.29	5.404	80	
46	5.29	5.399	80	
47	5.29	5.374	80	
48	5.29	5.274	80	*
49	5.29	5.557	80	
50	5.29	5.583	80	
51	5.29	5.455	80	
52	5.29	5.63	80	
53	5.29	5.43	80	
54	5.29	5.438	80	
55	5.29	5.394	80	
56	5.29	5.639	80	
57	5.29	5.254	80	*
58	5.29	5.551	80	
59	5.29	5.672	80	
60	5.29	5.352	80	
61	5.29	5.258	80	*
62	5.29	5.724	80	
63	5.29	5.294	80	*
64	5.29	5.649	80	
65	5.29	5.409	80	
66	5.29	5.386	80	
67	5.29	5.651	80	
68	5.29	5.703	80	
69	5.29	5.587	80	
70	5.29	5.286	80	*
71	5.29	5.329	80	*

72	5.29	5.677	80	
73	5.29	5.351	80	
74	5.29	5.327	80	*
75	5.29	5.692	80	
76	5.29	5.392	80	
77	5.29	5.298	80	*
78	5.29	5.397	80	
79	5.29	5.287	80	*
80	5.29	5.533	80	
81	5.29	5.461	80	
82	5.29	5.501	80	
83	5.29	5.666	80	
84	5.29	5.678	80	
85	5.29	5.638	80	
86	5.29	5.674	80	
87	5.29	5.655	80	
88	5.29	5.552	80	
89	5.29	5.497	80	
90	5.29	5.463	80	
91	5.29	5.691	80	
92	5.29	5.375	80	
93	5.29	5.275	80	*
94	5.29	5.418	80	
95	5.29	5.445	80	
96	5.29	5.344	80	
97	5.29	5.405	80	
98	5.29	5.629	80	
99	5.29	5.676	80	
100	5.29	5.25	80	*
Trail 9				
1	5.29	5.449	80	
2	5.29	5.624	80	
3	5.29	5.663	80	
4	5.29	5.261	80	*
5	5.29	5.412	80	
6	5.29	5.631	80	
7	5.29	5.638	80	
8	5.29	5.305	80	*
9	5.29	5.304	80	*
10	5.29	5.554	80	
11	5.29	5.676	80	
12	5.29	5.426	80	
13	5.29	5.336	80	
14	5.29	5.652	80	
15	5.29	5.667	80	
16	5.29	5.591	80	
17	5.29	5.707	80	
18	5.29	5.329	80	*
19	5.29	5.338	80	
20	5.29	5.365	80	
21	5.29	5.344	80	
22	5.29	5.316	80	*
23	5.29	5.513	80	
24	5.29	5.377	80	
25	5.29	5.664	80	
26	5.29	5.417	80	

27	5.29	5.308	80	*
28	5.29	5.404	80	
29	5.29	5.681	80	
30	5.29	5.556	80	
31	5.29	5.658	80	
32	5.29	5.528	80	
33	5.29	5.606	80	
34	5.29	5.518	80	
35	5.29	5.415	80	
36	5.29	5.4	80	
37	5.29	5.438	80	
38	5.29	5.693	80	
39	5.29	5.724	80	
40	5.29	5.586	80	
41	5.29	5.52	80	
42	5.29	5.481	80	
43	5.29	5.423	80	
44	5.29	5.266	80	*
45	5.29	5.653	80	
46	5.29	5.656	80	
47	5.29	5.66	80	
48	5.29	5.614	80	
49	5.29	5.343	80	
50	5.29	5.552	80	
51	5.29	5.557	80	
52	5.29	5.483	80	
53	5.29	5.478	80	
54	5.29	5.389	80	
55	5.29	5.503	80	
56	5.29	5.286	80	*
57	5.29	5.643	80	
58	5.29	5.35	80	
59	5.29	5.509	80	
60	5.29	5.563	80	
61	5.29	5.31	80	*
62	5.29	5.313	80	*
63	5.29	5.482	80	
64	5.29	5.491	80	
65	5.29	5.385	80	
66	5.29	5.372	80	
67	5.29	5.54	80	
68	5.29	5.299	80	*
69	5.29	5.626	80	
70	5.29	5.347	80	
71	5.29	5.459	80	
72	5.29	5.435	80	
73	5.29	5.527	80	
74	5.29	5.621	80	
75	5.29	5.376	80	
76	5.29	5.47	80	
77	5.29	5.55	80	
78	5.29	5.535	80	
79	5.29	5.547	80	
80	5.29	5.432	80	
81	5.29	5.541	80	*
82	5.29	5.318	80	

83	5.29	5.44	80	
84	5.29	5.307	80	*
85	5.29	5.357	80	
86	5.29	5.544	80	
87	5.29	5.573	80	
88	5.29	5.359	80	
89	5.29	5.263	80	*
90	5.29	5.46	80	
91	5.29	5.644	80	
92	5.29	5.41	80	
93	5.29	5.477	80	
94	5.29	5.403	80	
95	5.29	5.379	80	
96	5.29	5.294	80	*
97	5.29	5.418	80	
98	5.29	5.616	80	
99	5.29	5.335	80	
100	5.29	5.322	80	*
Trail 10				
1	5.29	5.59	80	
2	5.29	5.586	80	
3	5.29	5.386	80	
4	5.29	5.258	80	*
5	5.29	5.477	80	
6	5.29	5.459	80	
7	5.29	5.357	80	
8	5.29	5.521	80	
9	5.29	5.262	80	*
10	5.29	5.418	80	
11	5.29	5.403	80	
12	5.29	5.534	80	
13	5.29	5.437	80	
14	5.29	5.648	80	
15	5.29	5.395	80	
16	5.29	5.687	80	
17	5.29	5.334	80	
18	5.29	5.252	80	*
19	5.29	5.365	80	
20	5.29	5.519	80	
21	5.29	5.545	80	
22	5.29	5.611	80	
23	5.29	5.342	80	
24	5.29	5.472	80	
25	5.29	5.299	80	*
26	5.29	5.655	80	
27	5.29	5.301	80	*
28	5.29	5.53	80	
29	5.29	5.566	80	
30	5.29	5.341	80	
31	5.29	5.682	80	
32	5.29	5.421	80	
33	5.29	5.652	80	
34	5.29	5.363	80	
35	5.29	5.384	80	
36	5.29	5.266	80	*
37	5.29	5.717	80	

38	5.29	5.281	80	*
39	5.29	5.525	80	
40	5.29	5.589	80	
41	5.29	5.327	80	*
42	5.29	5.344	80	
43	5.29	5.666	80	
44	5.29	5.356	80	
45	5.29	5.279	80	*
46	5.29	5.374	80	
47	5.29	5.479	80	
48	5.29	5.514	80	
49	5.29	5.372	80	
50	5.29	5.693	80	
51	5.29	5.654	80	
52	5.29	5.574	80	
53	5.29	5.625	80	
54	5.29	5.458	80	
55	5.29	5.417	80	
56	5.29	5.4	80	
57	5.29	5.468	80	
58	5.29	5.355	80	
59	5.29	5.537	80	
60	5.29	5.669	80	
61	5.29	5.259	80	*
62	5.29	5.579	80	
63	5.29	5.451	80	
64	5.29	5.691	80	
65	5.29	5.668	80	
66	5.29	5.517	80	
67	5.29	5.624	80	
68	5.29	5.496	80	
69	5.29	5.35	80	
70	5.29	5.269	80	*
71	5.29	5.702	80	
72	5.29	5.314	80	*
73	5.29	5.6	80	
74	5.29	5.423	80	
75	5.29	5.515	80	
76	5.29	5.335	80	
77	5.29	5.438	80	
78	5.29	5.72	80	
79	5.29	5.354	80	
80	5.29	5.532	80	
81	5.29	5.32	80	*
82	5.29	5.455	80	
83	5.29	5.359	80	
84	5.29	5.428	80	
85	5.29	5.644	80	
86	5.29	5.28	80	*
87	5.29	5.516	80	
88	5.29	5.456	80	
89	5.29	5.444	80	
90	5.29	5.272	80	*
91	5.29	5.394	80	
92	5.29	5.538	80	
93	5.29	5.498	80	

94	5.29	5.638	80		
95	5.29	5.321	80	*	
96	5.29	5.265	80	*	
97	5.29	5.319	80	*	
98	5.29	5.633	80		
99	5.29	5.29	80	*	
100	5.29	5.409	80		
Trail 11					
1	5.29	5.594	80		
2	5.29	5.48	80		
3	5.29	5.447	80		
4	5.29	5.487	80		
5	5.29	5.38	80		
6	5.29	5.666	80		
7	5.29	5.354	80		
8	5.29	5.687	80		
9	5.29	5.369	80		
10	5.29	5.32	80	*	
11	5.29	5.433	80		
12	5.29	5.618	80		
13	5.29	5.432	80		
14	5.29	5.652	80		
15	5.29	5.649	80		
16	5.29	5.517	80		
17	5.29	5.717	80		
18	5.29	5.434	80		
19	5.29	5.722	80		
20	5.29	5.321	80	*	
21	5.29	5.513	80		
22	5.29	5.355	80		
23	5.29	5.477	80		
24	5.29	5.327	80	*	
25	5.29	5.337	80		
26	5.29	5.664	80		
27	5.29	5.57	80		
28	5.29	5.364	80		
29	5.29	5.589	80		
30	5.29	5.549	80		
31	5.29	5.374	80		
32	5.29	5.436	80		
33	5.29	5.368	80		
34	5.29	5.586	80		
35	5.29	5.701	80		
36	5.29	5.269	80	*	
37	5.29	5.636	80		
38	5.29	5.386	80		
39	5.29	5.718	80		
40	5.29	5.466	80		
41	5.29	5.658	80		
42	5.29	5.476	80		
43	5.29	5.482	80		
44	5.29	5.629	80		
45	5.29	5.347	80		
46	5.29	5.389	80		
47	5.29	5.575	80		
48	5.29	5.336	80		

49	5.29	5.319	80	*
50	5.29	5.505	80	
51	5.29	5.297	80	*
52	5.29	5.444	80	
53	5.29	5.63	80	
54	5.29	5.441	80	
55	5.29	5.361	80	
56	5.29	5.388	80	
57	5.29	5.635	80	
58	5.29	5.287	80	*
59	5.29	5.565	80	
60	5.29	5.275	80	*
61	5.29	5.465	80	
62	5.29	5.406	80	
63	5.29	5.454	80	
64	5.29	5.601	80	
65	5.29	5.317	80	*
66	5.29	5.684	80	
67	5.29	5.695	80	
68	5.29	5.567	80	
69	5.29	5.405	80	
70	5.29	5.506	80	
71	5.29	5.499	80	
72	5.29	5.279	80	*
73	5.29	5.542	80	
74	5.29	5.395	80	
75	5.29	5.384	80	
76	5.29	5.34	80	
77	5.29	5.304	80	*
78	5.29	5.557	80	
79	5.29	5.286	80	*
80	5.29	5.456	80	
81	5.29	5.255	80	*
82	5.29	5.667	80	
83	5.29	5.464	80	
84	5.29	5.688	80	
85	5.29	5.524	80	
86	5.29	5.697	80	
87	5.29	5.253	80	*
88	5.29	5.66	80	
89	5.29	5.373	80	
90	5.29	5.599	80	
91	5.29	5.267	80	*
92	5.29	5.25	80	*
93	5.29	5.559	80	
94	5.29	5.619	80	
95	5.29	5.655	80	
96	5.29	5.322	80	*
97	5.29	5.31	80	*
98	5.29	5.412	80	
99	5.29	5.709	80	
100	5.29	5.532	80	
Trial 12				
1	5.29	5.448	80	
2	5.29	5.639	80	
3	5.29	5.585	80	

4	5.29	5.324	80	*
5	5.29	5.648	80	
6	5.29	5.33	80	*
7	5.29	5.434	80	
8	5.29	5.272	80	*
9	5.29	5.475	80	
10	5.29	5.717	80	
11	5.29	5.677	80	
12	5.29	5.563	80	
13	5.29	5.565	80	
14	5.29	5.364	80	
15	5.29	5.398	80	
16	5.29	5.313	80	*
17	5.29	5.656	80	
18	5.29	5.571	80	
19	5.29	5.498	80	
20	5.29	5.422	80	
21	5.29	5.707	80	
22	5.29	5.444	80	
23	5.29	5.606	80	
24	5.29	5.654	80	
25	5.29	5.464	80	
26	5.29	5.573	80	
27	5.29	5.385	80	
28	5.29	5.667	80	
29	5.29	5.378	80	
30	5.29	5.604	80	
31	5.29	5.491	80	
32	5.29	5.679	80	
33	5.29	5.592	80	
34	5.29	5.303	80	*
35	5.29	5.284	80	*
36	5.29	5.399	80	
37	5.29	5.488	80	
38	5.29	5.687	80	
39	5.29	5.443	80	
40	5.29	5.597	80	
41	5.29	5.438	80	
42	5.29	5.293	80	*
43	5.29	5.508	80	
44	5.29	5.649	80	
45	5.29	5.473	80	
46	5.29	5.701	80	
47	5.29	5.718	80	
48	5.29	5.297	80	*
49	5.29	5.543	80	
50	5.29	5.393	80	
51	5.29	5.397	80	
52	5.29	5.429	80	
53	5.29	5.26	80	*
54	5.29	5.419	80	
55	5.29	5.354	80	
56	5.29	5.366	80	
57	5.29	5.298	80	*
58	5.29	5.642	80	
59	5.29	5.494	80	

60	5.29	5.62	80	
61	5.29	5.63	80	
62	5.29	5.547	80	
63	5.29	5.43	80	
64	5.29	5.426	80	
65	5.29	5.305	80	*
66	5.29	5.634	80	
67	5.29	5.439	80	
68	5.29	5.413	80	
69	5.29	5.637	80	
70	5.29	5.511	80	
71	5.29	5.316	80	*
72	5.29	5.705	80	
73	5.29	5.549	80	
74	5.29	5.295	80	*
75	5.29	5.369	80	
76	5.29	5.711	80	
77	5.29	5.663	80	
78	5.29	5.41	80	
79	5.29	5.468	80	
80	5.29	5.452	80	
81	5.29	5.417	80	
82	5.29	5.352	80	
83	5.29	5.334	80	
84	5.29	5.262	80	*
85	5.29	5.622	80	
86	5.29	5.526	80	
87	5.29	5.669	80	
88	5.29	5.539	80	
89	5.29	5.273	80	*
90	5.29	5.304	80	*
91	5.29	5.286	80	*
92	5.29	5.497	80	
93	5.29	5.42	80	
94	5.29	5.314	80	*
95	5.29	5.329	80	*
96	5.29	5.527	80	
97	5.29	5.577	80	
98	5.29	5.489	80	
99	5.29	5.583	80	
100	5.29	5.409	80	
Trail 13				
1	5.29	5.703	80	
2	5.29	5.427	80	
3	5.29	5.334	80	
4	5.29	5.547	80	
5	5.29	5.282	80	*
6	5.29	5.261	80	*
7	5.29	5.715	80	
8	5.29	5.346	80	
9	5.29	5.359	80	
10	5.29	5.568	80	
11	5.29	5.622	80	
12	5.29	5.468	80	
13	5.29	5.567	80	
14	5.29	5.371	80	

15	5.29	5.478	80	
16	5.29	5.341	80	
17	5.29	5.355	80	
18	5.29	5.527	80	
19	5.29	5.379	80	
20	5.29	5.582	80	
21	5.29	5.631	80	
22	5.29	5.695	80	
23	5.29	5.667	80	
24	5.29	5.36	80	
25	5.29	5.533	80	
26	5.29	5.283	80	*
27	5.29	5.561	80	
28	5.29	5.328	80	*
29	5.29	5.39	80	
30	5.29	5.639	80	
31	5.29	5.602	80	
32	5.29	5.71	80	
33	5.29	5.576	80	
34	5.29	5.62	80	
35	5.29	5.575	80	
36	5.29	5.572	80	
37	5.29	5.615	80	
38	5.29	5.66	80	
39	5.29	5.717	80	
40	5.29	5.272	80	*
41	5.29	5.414	80	
42	5.29	5.531	80	
43	5.29	5.326	80	*
44	5.29	5.673	80	
45	5.29	5.59	80	
46	5.29	5.445	80	
47	5.29	5.652	80	
48	5.29	5.363	80	
49	5.29	5.72	80	
50	5.29	5.608	80	
51	5.29	5.618	80	
52	5.29	5.578	80	
53	5.29	5.286	80	*
54	5.29	5.44	80	
55	5.29	5.528	80	
56	5.29	5.487	80	
57	5.29	5.7	80	
58	5.29	5.457	80	
59	5.29	5.386	80	
60	5.29	5.564	80	
61	5.29	5.537	80	
62	5.29	5.381	80	
63	5.29	5.467	80	
64	5.29	5.444	80	
65	5.29	5.589	80	
66	5.29	5.532	80	
67	5.29	5.723	80	
68	5.29	5.586	80	
69	5.29	5.398	80	
70	5.29	5.636	80	

71	5.29	5.267	80	*
72	5.29	5.4	80	
73	5.29	5.516	80	
74	5.29	5.549	80	
75	5.29	5.372	80	
76	5.29	5.294	80	*
77	5.29	5.352	80	
78	5.29	5.619	80	
79	5.29	5.353	80	
80	5.29	5.584	80	
81	5.29	5.705	80	
82	5.29	5.463	80	
83	5.29	5.512	80	
84	5.29	5.391	80	
85	5.29	5.496	80	
86	5.29	5.534	80	
87	5.29	5.356	80	
88	5.29	5.31	80	*
89	5.29	5.712	80	
90	5.29	5.484	80	
91	5.29	5.426	80	
92	5.29	5.658	80	
93	5.29	5.369	80	
94	5.29	5.384	80	
95	5.29	5.327	80	*
96	5.29	5.409	80	
97	5.29	5.308	80	*
98	5.29	5.689	80	
99	5.29	5.258	80	*
100	5.29	5.304	80	*
Trail 14				
1	5.29	5.343	80	
2	5.29	5.566	80	
3	5.29	5.693	80	
4	5.29	5.271	80	*
5	5.29	5.426	80	
6	5.29	5.531	80	
7	5.29	5.365	80	
8	5.29	5.559	80	
9	5.29	5.408	80	
10	5.29	5.283	80	*
11	5.29	5.65	80	
12	5.29	5.545	80	
13	5.29	5.389	80	
14	5.29	5.508	80	
15	5.29	5.302	80	*
16	5.29	5.391	80	
17	5.29	5.346	80	
18	5.29	5.674	80	
19	5.29	5.359	80	
20	5.29	5.414	80	
21	5.29	5.308	80	*
22	5.29	5.599	80	
23	5.29	5.645	80	
24	5.29	5.563	80	
25	5.29	5.395	80	

26	5.29	5.719	80	
27	5.29	5.523	80	
28	5.29	5.673	80	
29	5.29	5.56	80	
30	5.29	5.63	80	
31	5.29	5.345	80	
32	5.29	5.706	80	
33	5.29	5.482	80	
34	5.29	5.623	80	
35	5.29	5.449	80	
36	5.29	5.371	80	
37	5.29	5.617	80	
38	5.29	5.349	80	
39	5.29	5.479	80	
40	5.29	5.399	80	
41	5.29	5.567	80	
42	5.29	5.701	80	
43	5.29	5.417	80	
44	5.29	5.341	80	
45	5.29	5.682	80	
46	5.29	5.539	80	
47	5.29	5.677	80	
48	5.29	5.699	80	
49	5.29	5.494	80	
50	5.29	5.3	80	*
51	5.29	5.258	80	*
52	5.29	5.589	80	
53	5.29	5.554	80	
54	5.29	5.39	80	
55	5.29	5.684	80	
56	5.29	5.444	80	
57	5.29	5.668	80	
58	5.29	5.612	80	
59	5.29	5.289	80	*
60	5.29	5.406	80	
61	5.29	5.38	80	
62	5.29	5.642	80	
63	5.29	5.671	80	
64	5.29	5.675	80	
65	5.29	5.68	80	
66	5.29	5.469	80	
67	5.29	5.307	80	*
68	5.29	5.593	80	
69	5.29	5.712	80	
70	5.29	5.473	80	
71	5.29	5.419	80	
72	5.29	5.336	80	
73	5.29	5.504	80	
74	5.29	5.415	80	
75	5.29	5.556	80	
76	5.29	5.474	80	
77	5.29	5.43	80	
78	5.29	5.679	80	
79	5.29	5.453	80	
80	5.29	5.277	80	*
81	5.29	5.404	80	

82	5.29	5.608	80	
83	5.29	5.489	80	
84	5.29	5.594	80	
85	5.29	5.376	80	
86	5.29	5.385	80	
87	5.29	5.29	80	*
88	5.29	5.705	80	
89	5.29	5.644	80	
90	5.29	5.331	80	
91	5.29	5.407	80	
92	5.29	5.363	80	
93	5.29	5.335	80	
94	5.29	5.486	80	
95	5.29	5.383	80	
96	5.29	5.421	80	
97	5.29	5.724	80	
98	5.29	5.54	80	
99	5.29	5.688	80	
100	5.29	5.619	80	
Trail 15				
1	5.29	5.306	80	*
2	5.29	5.641	80	
3	5.29	5.364	80	
4	5.29	5.291	80	*
5	5.29	5.697	80	
6	5.29	5.565	80	
7	5.29	5.652	80	
8	5.29	5.379	80	
9	5.29	5.55	80	
10	5.29	5.711	80	
11	5.29	5.623	80	
12	5.29	5.575	80	
13	5.29	5.369	80	
14	5.29	5.272	80	*
15	5.29	5.544	80	
16	5.29	5.336	80	
17	5.29	5.397	80	
18	5.29	5.259	80	*
19	5.29	5.438	80	
20	5.29	5.674	80	
21	5.29	5.556	80	
22	5.29	5.708	80	
23	5.29	5.673	80	
24	5.29	5.391	80	
25	5.29	5.634	80	
26	5.29	5.561	80	
27	5.29	5.504	80	
28	5.29	5.692	80	
29	5.29	5.548	80	
30	5.29	5.444	80	
31	5.29	5.617	80	
32	5.29	5.466	80	
33	5.29	5.279	80	*
34	5.29	5.517	80	
35	5.29	5.642	80	
36	5.29	5.385	80	

37	5.29	5.593	80	
38	5.29	5.413	80	
39	5.29	5.31	80	*
40	5.29	5.443	80	
41	5.29	5.651	80	
42	5.29	5.353	80	
43	5.29	5.52	80	
44	5.29	5.611	80	
45	5.29	5.362	80	
46	5.29	5.392	80	
47	5.29	5.522	80	
48	5.29	5.405	80	
49	5.29	5.309	80	*
50	5.29	5.676	80	
51	5.29	5.274	80	*
52	5.29	5.72	80	
53	5.29	5.689	80	
54	5.29	5.56	80	
55	5.29	5.32	80	*
56	5.29	5.42	80	
57	5.29	5.48	80	
58	5.29	5.655	80	
59	5.29	5.387	80	
60	5.29	5.558	80	
61	5.29	5.414	80	
62	5.29	5.568	80	
63	5.29	5.643	80	
64	5.29	5.288	80	*
65	5.29	5.547	80	
66	5.29	5.366	80	
67	5.29	5.493	80	
68	5.29	5.557	80	
69	5.29	5.7	80	
70	5.29	5.601	80	
71	5.29	5.463	80	
72	5.29	5.412	80	
73	5.29	5.337	80	
74	5.29	5.346	80	
75	5.29	5.501	80	
76	5.29	5.423	80	
77	5.29	5.311	80	*
78	5.29	5.497	80	
79	5.29	5.352	80	
80	5.29	5.45	80	
81	5.29	5.448	80	
82	5.29	5.58	80	
83	5.29	5.355	80	
84	5.29	5.325	80	*
85	5.29	5.537	80	
86	5.29	5.615	80	
87	5.29	5.417	80	
88	5.29	5.459	80	
89	5.29	5.546	80	
90	5.29	5.297	80	*
91	5.29	5.616	80	
92	5.29	5.256	80	*

93	5.29	5.521	80	
94	5.29	5.368	80	
95	5.29	5.332	80	
96	5.29	5.679	80	
97	5.29	5.293	80	*
98	5.29	5.499	80	
99	5.29	5.437	80	
100	5.29	5.479	80	
Trail 16				
1	5.29	5.278	80	*
2	5.29	5.483	80	
3	5.29	5.488	80	
4	5.29	5.521	80	
5	5.29	5.682	80	
6	5.29	5.259	80	*
7	5.29	5.379	80	
8	5.29	5.327	80	*
9	5.29	5.297	80	*
10	5.29	5.601	80	
11	5.29	5.334	80	
12	5.29	5.491	80	
13	5.29	5.489	80	
14	5.29	5.693	80	
15	5.29	5.571	80	
16	5.29	5.644	80	
17	5.29	5.552	80	
18	5.29	5.444	80	
19	5.29	5.477	80	
20	5.29	5.7	80	
21	5.29	5.588	80	
22	5.29	5.273	80	*
23	5.29	5.303	80	*
24	5.29	5.667	80	
25	5.29	5.429	80	
26	5.29	5.306	80	*
27	5.29	5.52	80	
28	5.29	5.584	80	
29	5.29	5.593	80	
30	5.29	5.333	80	
31	5.29	5.569	80	
32	5.29	5.407	80	
33	5.29	5.59	80	
34	5.29	5.358	80	
35	5.29	5.291	80	*
36	5.29	5.586	80	
37	5.29	5.309	80	*
38	5.29	5.27	80	*
39	5.29	5.607	80	
40	5.29	5.426	80	
41	5.29	5.703	80	
42	5.29	5.308	80	*
43	5.29	5.381	80	
44	5.29	5.326	80	*
45	5.29	5.376	80	
46	5.29	5.65	80	
47	5.29	5.713	80	

48	5.29	5.282	80	*
49	5.29	5.647	80	
50	5.29	5.281	80	*
51	5.29	5.336	80	
52	5.29	5.623	80	
53	5.29	5.341	80	
54	5.29	5.523	80	
55	5.29	5.63	80	
56	5.29	5.472	80	
57	5.29	5.715	80	
58	5.29	5.346	80	
59	5.29	5.481	80	
60	5.29	5.432	80	
61	5.29	5.324	80	*
62	5.29	5.296	80	*
63	5.29	5.286	80	*
64	5.29	5.464	80	
65	5.29	5.696	80	
66	5.29	5.662	80	
67	5.29	5.654	80	
68	5.29	5.648	80	
69	5.29	5.434	80	
70	5.29	5.525	80	
71	5.29	5.652	80	
72	5.29	5.532	80	
73	5.29	5.362	80	
74	5.29	5.574	80	
75	5.29	5.595	80	
76	5.29	5.439	80	
77	5.29	5.598	80	
78	5.29	5.274	80	*
79	5.29	5.375	80	
80	5.29	5.471	80	
81	5.29	5.71	80	
82	5.29	5.292	80	*
83	5.29	5.707	80	
84	5.29	5.583	80	
85	5.29	5.603	80	
86	5.29	5.414	80	
87	5.29	5.462	80	
88	5.29	5.721	80	
89	5.29	5.697	80	
90	5.29	5.718	80	
91	5.29	5.606	80	
92	5.29	5.419	80	
93	5.29	5.345	80	
94	5.29	5.382	80	
95	5.29	5.33	80	*
96	5.29	5.302	80	*
97	5.29	5.289	80	*
98	5.29	5.633	80	
99	5.29	5.372	80	
100	5.29	5.547	80	
Trail 17				
1	5.29	5.599	80	
2	5.29	5.316	80	*

3	5.29	5.679	80	
4	5.29	5.608	80	
5	5.29	5.441	80	
6	5.29	5.265	80	*
7	5.29	5.686	80	
8	5.29	5.524	80	
9	5.29	5.698	80	
10	5.29	5.716	80	
11	5.29	5.331	80	
12	5.29	5.624	80	
13	5.29	5.421	80	
14	5.29	5.381	80	
15	5.29	5.27	80	*
16	5.29	5.597	80	
17	5.29	5.587	80	
18	5.29	5.36	80	
19	5.29	5.437	80	
20	5.29	5.311	80	*
21	5.29	5.463	80	
22	5.29	5.61	80	
23	5.29	5.394	80	
24	5.29	5.376	80	
25	5.29	5.495	80	
26	5.29	5.701	80	
27	5.29	5.395	80	
28	5.29	5.611	80	
29	5.29	5.512	80	
30	5.29	5.432	80	
31	5.29	5.397	80	
32	5.29	5.65	80	
33	5.29	5.407	80	
34	5.29	5.357	80	
35	5.29	5.45	80	
36	5.29	5.386	80	
37	5.29	5.4	80	
38	5.29	5.458	80	
39	5.29	5.393	80	
40	5.29	5.649	80	
41	5.29	5.561	80	
42	5.29	5.258	80	*
43	5.29	5.628	80	
44	5.29	5.522	80	
45	5.29	5.399	80	
46	5.29	5.541	80	
47	5.29	5.52	80	
48	5.29	5.389	80	
49	5.29	5.6	80	
50	5.29	5.658	80	
51	5.29	5.529	80	
52	5.29	5.568	80	
53	5.29	5.581	80	
54	5.29	5.627	80	
55	5.29	5.552	80	
56	5.29	5.488	80	
57	5.29	5.292	80	*
58	5.29	5.314	80	*

59	5.29	5.405	80	
60	5.29	5.691	80	
61	5.29	5.507	80	
62	5.29	5.306	80	*
63	5.29	5.415	80	
64	5.29	5.269	80	*
65	5.29	5.408	80	
66	5.29	5.662	80	
67	5.29	5.287	80	*
68	5.29	5.589	80	
69	5.29	5.391	80	
70	5.29	5.304	80	*
71	5.29	5.505	80	
72	5.29	5.672	80	
73	5.29	5.451	80	
74	5.29	5.663	80	
75	5.29	5.355	80	
76	5.29	5.312	80	*
77	5.29	5.315	80	*
78	5.29	5.289	80	*
79	5.29	5.709	80	
80	5.29	5.578	80	
81	5.29	5.618	80	
82	5.29	5.332	80	
83	5.29	5.262	80	*
84	5.29	5.595	80	
85	5.29	5.713	80	
86	5.29	5.531	80	
87	5.29	5.448	80	
88	5.29	5.506	80	
89	5.29	5.313	80	*
90	5.29	5.631	80	
91	5.29	5.294	80	*
92	5.29	5.305	80	*
93	5.29	5.567	80	
94	5.29	5.298	80	*
95	5.29	5.426	80	
96	5.29	5.438	80	
97	5.29	5.419	80	
98	5.29	5.677	80	
99	5.29	5.637	80	
100	5.29	5.323	80	*
Trail 18				
1	5.29	5.3	80	*
2	5.29	5.564	80	
3	5.29	5.444	80	
4	5.29	5.594	80	
5	5.29	5.58	80	
6	5.29	5.25	80	*
7	5.29	5.722	80	
8	5.29	5.38	80	
9	5.29	5.431	80	
10	5.29	5.381	80	
11	5.29	5.651	80	
12	5.29	5.529	80	
13	5.29	5.69	80	

14	5.29	5.411	80	
15	5.29	5.359	80	
16	5.29	5.408	80	
17	5.29	5.305	80	*
18	5.29	5.547	80	
19	5.29	5.457	80	
20	5.29	5.577	80	
21	5.29	5.537	80	
22	5.29	5.71	80	
23	5.29	5.329	80	*
24	5.29	5.566	80	
25	5.29	5.559	80	
26	5.29	5.41	80	
27	5.29	5.453	80	
28	5.29	5.62	80	
29	5.29	5.516	80	
30	5.29	5.484	80	
31	5.29	5.575	80	
32	5.29	5.629	80	
33	5.29	5.638	80	
34	5.29	5.332	80	
35	5.29	5.6	80	
36	5.29	5.655	80	
37	5.29	5.573	80	
38	5.29	5.289	80	*
39	5.29	5.34	80	
40	5.29	5.253	80	*
41	5.29	5.691	80	
42	5.29	5.343	80	
43	5.29	5.354	80	
44	5.29	5.698	80	
45	5.29	5.587	80	
46	5.29	5.592	80	
47	5.29	5.701	80	
48	5.29	5.605	80	
49	5.29	5.64	80	
50	5.29	5.388	80	
51	5.29	5.321	80	*
52	5.29	5.302	80	*
53	5.29	5.402	80	
54	5.29	5.4	80	
55	5.29	5.357	80	
56	5.29	5.294	80	*
57	5.29	5.571	80	
58	5.29	5.546	80	
59	5.29	5.554	80	
60	5.29	5.44	80	
61	5.29	5.365	80	
62	5.29	5.644	80	
63	5.29	5.454	80	
64	5.29	5.401	80	
65	5.29	5.265	80	*
66	5.29	5.326	80	*
67	5.29	5.426	80	
68	5.29	5.446	80	
69	5.29	5.535	80	

70	5.29	5.721	80	
71	5.29	5.462	80	
72	5.29	5.714	80	
73	5.29	5.439	80	
74	5.29	5.615	80	
75	5.29	5.48	80	
76	5.29	5.713	80	
77	5.29	5.425	80	
78	5.29	5.424	80	
79	5.29	5.392	80	
80	5.29	5.57	80	
81	5.29	5.282	80	*
82	5.29	5.274	80	*
83	5.29	5.397	80	
84	5.29	5.531	80	
85	5.29	5.593	80	
86	5.29	5.609	80	
87	5.29	5.375	80	
88	5.29	5.363	80	
89	5.29	5.325	80	*
90	5.29	5.356	80	
91	5.29	5.723	80	
92	5.29	5.264	80	*
93	5.29	5.476	80	
94	5.29	5.612	80	
95	5.29	5.422	80	
96	5.29	5.452	80	
97	5.29	5.489	80	
98	5.29	5.579	80	
99	5.29	5.335	80	
100	5.29	5.685	80	
Trail 19				
1	5.29	5.607	80	
2	5.29	5.582	80	
3	5.29	5.656	80	
4	5.29	5.499	80	
5	5.29	5.675	80	
6	5.29	5.552	80	
7	5.29	5.263	80	*
8	5.29	5.471	80	
9	5.29	5.698	80	
10	5.29	5.616	80	
11	5.29	5.661	80	
12	5.29	5.386	80	
13	5.29	5.515	80	
14	5.29	5.673	80	
15	5.29	5.542	80	
16	5.29	5.444	80	
17	5.29	5.492	80	
18	5.29	5.437	80	
19	5.29	5.353	80	
20	5.29	5.261	80	*
21	5.29	5.667	80	
22	5.29	5.343	80	
23	5.29	5.711	80	
24	5.29	5.715	80	

25	5.29	5.47	80	
26	5.29	5.511	80	
27	5.29	5.62	80	
28	5.29	5.636	80	
29	5.29	5.415	80	
30	5.29	5.606	80	
31	5.29	5.382	80	
32	5.29	5.61	80	
33	5.29	5.467	80	
34	5.29	5.304	80	*
35	5.29	5.428	80	
36	5.29	5.683	80	
37	5.29	5.32	80	*
38	5.29	5.531	80	
39	5.29	5.36	80	
40	5.29	5.682	80	
41	5.29	5.346	80	
42	5.29	5.472	80	
43	5.29	5.617	80	
44	5.29	5.42	80	
45	5.29	5.431	80	
46	5.29	5.645	80	
47	5.29	5.662	80	
48	5.29	5.439	80	
49	5.29	5.652	80	
50	5.29	5.649	80	
51	5.29	5.419	80	
52	5.29	5.605	80	
53	5.29	5.66	80	
54	5.29	5.363	80	
55	5.29	5.286	80	*
56	5.29	5.485	80	
57	5.29	5.575	80	
58	5.29	5.377	80	
59	5.29	5.567	80	
60	5.29	5.454	80	
61	5.29	5.311	80	*
62	5.29	5.338	80	
63	5.29	5.509	80	
64	5.29	5.689	80	
65	5.29	5.441	80	
66	5.29	5.337	80	
67	5.29	5.256	80	*
68	5.29	5.385	80	
69	5.29	5.626	80	
70	5.29	5.257	80	*
71	5.29	5.533	80	
72	5.29	5.702	80	
73	5.29	5.609	80	
74	5.29	5.293	80	*
75	5.29	5.516	80	
76	5.29	5.475	80	
77	5.29	5.634	80	
78	5.29	5.361	80	
79	5.29	5.407	80	
80	5.29	5.546	80	

81	5.29	5.601	80	
82	5.29	5.373	80	
83	5.29	5.34	80	
84	5.29	5.592	80	
85	5.29	5.57	80	
86	5.29	5.416	80	
87	5.29	5.314	80	*
88	5.29	5.679	80	
89	5.29	5.438	80	
90	5.29	5.433	80	
91	5.29	5.488	80	
92	5.29	5.423	80	
93	5.29	5.5	80	
94	5.29	5.59	80	
95	5.29	5.594	80	
96	5.29	5.289	80	*
97	5.29	5.432	80	
98	5.29	5.669	80	
99	5.29	5.288	80	*
100	5.29	5.629	80	
Trail 20				
1	5.29	5.386	80	
2	5.29	5.63	80	
3	5.29	5.633	80	
4	5.29	5.309	80	*
5	5.29	5.397	80	
6	5.29	5.442	80	
7	5.29	5.576	80	
8	5.29	5.594	80	
9	5.29	5.363	80	
10	5.29	5.662	80	
11	5.29	5.44	80	
12	5.29	5.516	80	
13	5.29	5.32	80	*
14	5.29	5.301	80	*
15	5.29	5.454	80	
16	5.29	5.57	80	
17	5.29	5.629	80	
18	5.29	5.291	80	*
19	5.29	5.52	80	
20	5.29	5.563	80	
21	5.29	5.307	80	*
22	5.29	5.364	80	
23	5.29	5.478	80	
24	5.29	5.661	80	
25	5.29	5.473	80	
26	5.29	5.556	80	
27	5.29	5.469	80	
28	5.29	5.595	80	
29	5.29	5.461	80	
30	5.29	5.493	80	
31	5.29	5.689	80	
32	5.29	5.543	80	
33	5.29	5.25	80	*
34	5.29	5.711	80	
35	5.29	5.43	80	

36	5.29	5.636	80	
37	5.29	5.308	80	*
38	5.29	5.372	80	
39	5.29	5.262	80	*
40	5.29	5.449	80	
41	5.29	5.572	80	
42	5.29	5.466	80	
43	5.29	5.558	80	
44	5.29	5.528	80	
45	5.29	5.483	80	
46	5.29	5.48	80	
47	5.29	5.324	80	*
48	5.29	5.58	80	
49	5.29	5.274	80	*
50	5.29	5.33	80	*
51	5.29	5.443	80	
52	5.29	5.495	80	
53	5.29	5.331	80	
54	5.29	5.564	80	
55	5.29	5.62	80	
56	5.29	5.525	80	
57	5.29	5.539	80	
58	5.29	5.437	80	
59	5.29	5.344	80	
60	5.29	5.691	80	
61	5.29	5.531	80	
62	5.29	5.565	80	
63	5.29	5.271	80	*
64	5.29	5.641	80	
65	5.29	5.457	80	
66	5.29	5.503	80	
67	5.29	5.329	80	*
68	5.29	5.524	80	
69	5.29	5.65	80	
70	5.29	5.613	80	
71	5.29	5.644	80	
72	5.29	5.435	80	
73	5.29	5.357	80	
74	5.29	5.34	80	
75	5.29	5.481	80	
76	5.29	5.627	80	
77	5.29	5.724	80	
78	5.29	5.269	80	*
79	5.29	5.583	80	
80	5.29	5.4	80	
81	5.29	5.353	80	
82	5.29	5.694	80	
83	5.29	5.339	80	
84	5.29	5.665	80	
85	5.29	5.701	80	
86	5.29	5.686	80	
87	5.29	5.257	80	*
88	5.29	5.517	80	
89	5.29	5.69	80	
90	5.29	5.336	80	
91	5.29	5.251	80	*

92	5.29	5.371	80		
93	5.29	5.388	80		
94	5.29	5.391	80		
95	5.29	5.311	80	*	
96	5.29	5.655	80		
97	5.29	5.289	80	*	
98	5.29	5.71	80		
99	5.29	5.573	80		
100	5.29	5.631	80		
Trail 21					
1	5.29	5.342	80		
2	5.29	5.553	80		
3	5.29	5.345	80		
4	5.29	5.583	80		
5	5.29	5.546	80		
6	5.29	5.282	80	*	
7	5.29	5.471	80		
8	5.29	5.317	80	*	
9	5.29	5.641	80		
10	5.29	5.562	80		
11	5.29	5.343	80		
12	5.29	5.467	80		
13	5.29	5.645	80		
14	5.29	5.319	80	*	
15	5.29	5.43	80		
16	5.29	5.526	80		
17	5.29	5.674	80		
18	5.29	5.677	80		
19	5.29	5.651	80		
20	5.29	5.37	80		
21	5.29	5.411	80		
22	5.29	5.501	80		
23	5.29	5.558	80		
24	5.29	5.699	80		
25	5.29	5.671	80		
26	5.29	5.426	80		
27	5.29	5.457	80		
28	5.29	5.584	80		
29	5.29	5.578	80		
30	5.29	5.639	80		
31	5.29	5.283	80	*	
32	5.29	5.261	80	*	
33	5.29	5.595	80		
34	5.29	5.25	80	*	
35	5.29	5.422	80		
36	5.29	5.539	80		
37	5.29	5.652	80		
38	5.29	5.269	80	*	
39	5.29	5.432	80		
40	5.29	5.462	80		
41	5.29	5.647	80		
42	5.29	5.406	80		
43	5.29	5.527	80		
44	5.29	5.328	80	*	
45	5.29	5.556	80		
46	5.29	5.72	80		

47	5.29	5.372	80	
48	5.29	5.7	80	
49	5.29	5.47	80	
50	5.29	5.322	80	*
51	5.29	5.61	80	
52	5.29	5.292	80	*
53	5.29	5.28	80	*
54	5.29	5.714	80	
55	5.29	5.522	80	
56	5.29	5.684	80	
57	5.29	5.358	80	
58	5.29	5.478	80	
59	5.29	5.656	80	
60	5.29	5.446	80	
61	5.29	5.57	80	
62	5.29	5.351	80	
63	5.29	5.701	80	
64	5.29	5.549	80	
65	5.29	5.323	80	*
66	5.29	5.438	80	
67	5.29	5.278	80	*
68	5.29	5.381	80	
69	5.29	5.368	80	
70	5.29	5.5	80	
71	5.29	5.616	80	
72	5.29	5.63	80	
73	5.29	5.68	80	
74	5.29	5.55	80	
75	5.29	5.307	80	*
76	5.29	5.716	80	
77	5.29	5.625	80	
78	5.29	5.306	80	*
79	5.29	5.519	80	
80	5.29	5.494	80	
81	5.29	5.428	80	
82	5.29	5.628	80	
83	5.29	5.599	80	
84	5.29	5.683	80	
85	5.29	5.694	80	
86	5.29	5.33	80	*
87	5.29	5.554	80	
88	5.29	5.403	80	
89	5.29	5.681	80	
90	5.29	5.513	80	
91	5.29	5.541	80	
92	5.29	5.405	80	
93	5.29	5.407	80	
94	5.29	5.475	80	
95	5.29	5.535	80	
96	5.29	5.685	80	
97	5.29	5.618	80	
98	5.29	5.601	80	
99	5.29	5.665	80	
100	5.29	5.332	80	
Trail 22				
1	5.29	5.283	80	*

2	5.29	5.433	80	
3	5.29	5.327	80	*
4	5.29	5.628	80	
5	5.29	5.278	80	*
6	5.29	5.381	80	
7	5.29	5.358	80	
8	5.29	5.275	80	*
9	5.29	5.552	80	
10	5.29	5.72	80	
11	5.29	5.608	80	
12	5.29	5.478	80	
13	5.29	5.298	80	*
14	5.29	5.663	80	
15	5.29	5.706	80	
16	5.29	5.516	80	
17	5.29	5.604	80	
18	5.29	5.364	80	
19	5.29	5.526	80	
20	5.29	5.664	80	
21	5.29	5.468	80	
22	5.29	5.489	80	
23	5.29	5.329	80	*
24	5.29	5.572	80	
25	5.29	5.63	80	
26	5.29	5.289	80	*
27	5.29	5.426	80	
28	5.29	5.536	80	
29	5.29	5.686	80	
30	5.29	5.587	80	
31	5.29	5.434	80	
32	5.29	5.597	80	
33	5.29	5.7	80	
34	5.29	5.635	80	
35	5.29	5.476	80	
36	5.29	5.703	80	
37	5.29	5.316	80	*
38	5.29	5.655	80	
39	5.29	5.56	80	
40	5.29	5.281	80	*
41	5.29	5.388	80	
42	5.29	5.441	80	
43	5.29	5.554	80	
44	5.29	5.502	80	
45	5.29	5.531	80	
46	5.29	5.427	80	
47	5.29	5.438	80	
48	5.29	5.666	80	
49	5.29	5.679	80	
50	5.29	5.566	80	
51	5.29	5.38	80	
52	5.29	5.49	80	
53	5.29	5.264	80	*
54	5.29	5.479	80	
55	5.29	5.342	80	
56	5.29	5.462	80	
57	5.29	5.429	80	

58	5.29	5.627	80	
59	5.29	5.257	80	*
60	5.29	5.538	80	
61	5.29	5.373	80	
62	5.29	5.333	80	
63	5.29	5.545	80	
64	5.29	5.452	80	
65	5.29	5.444	80	
66	5.29	5.29	80	*
67	5.29	5.313	80	*
68	5.29	5.702	80	
69	5.29	5.591	80	
70	5.29	5.668	80	
71	5.29	5.714	80	
72	5.29	5.524	80	
73	5.29	5.509	80	
74	5.29	5.585	80	
75	5.29	5.496	80	
76	5.29	5.459	80	
77	5.29	5.499	80	
78	5.29	5.565	80	
79	5.29	5.276	80	*
80	5.29	5.564	80	
81	5.29	5.252	80	*
82	5.29	5.378	80	
83	5.29	5.503	80	
84	5.29	5.319	80	*
85	5.29	5.603	80	
86	5.29	5.26	80	*
87	5.29	5.384	80	
88	5.29	5.445	80	
89	5.29	5.348	80	
90	5.29	5.588	80	
91	5.29	5.271	80	*
92	5.29	5.497	80	
93	5.29	5.398	80	
94	5.29	5.324	80	*
95	5.29	5.575	80	
96	5.29	5.284	80	*
97	5.29	5.528	80	
98	5.29	5.269	80	*
99	5.29	5.397	80	
100	5.29	5.338	80	
Trail 23				
1	5.29	5.448	80	
2	5.29	5.683	80	
3	5.29	5.604	80	
4	5.29	5.324	80	*
5	5.29	5.489	80	
6	5.29	5.478	80	
7	5.29	5.669	80	
8	5.29	5.444	80	
9	5.29	5.331	80	
10	5.29	5.579	80	
11	5.29	5.642	80	
12	5.29	5.305	80	*

13	5.29	5.537	80	
14	5.29	5.545	80	
15	5.29	5.629	80	
16	5.29	5.259	80	*
17	5.29	5.32	80	*
18	5.29	5.328	80	*
19	5.29	5.495	80	
20	5.29	5.708	80	
21	5.29	5.339	80	
22	5.29	5.483	80	
23	5.29	5.408	80	
24	5.29	5.316	80	*
25	5.29	5.563	80	
26	5.29	5.544	80	
27	5.29	5.44	80	
28	5.29	5.342	80	
29	5.29	5.515	80	
30	5.29	5.344	80	
31	5.29	5.679	80	
32	5.29	5.702	80	
33	5.29	5.559	80	
34	5.29	5.628	80	
35	5.29	5.684	80	
36	5.29	5.322	80	*
37	5.29	5.303	80	*
38	5.29	5.635	80	
39	5.29	5.556	80	
40	5.29	5.64	80	
41	5.29	5.662	80	
42	5.29	5.5	80	
43	5.29	5.68	80	
44	5.29	5.43	80	
45	5.29	5.594	80	
46	5.29	5.493	80	
47	5.29	5.67	80	
48	5.29	5.278	80	*
49	5.29	5.608	80	
50	5.29	5.364	80	
51	5.29	5.603	80	
52	5.29	5.672	80	
53	5.29	5.28	80	*
54	5.29	5.318	80	*
55	5.29	5.313	80	*
56	5.29	5.26	80	*
57	5.29	5.404	80	
58	5.29	5.694	80	
59	5.29	5.407	80	
60	5.29	5.668	80	
61	5.29	5.345	80	
62	5.29	5.506	80	
63	5.29	5.584	80	
64	5.29	5.413	80	
65	5.29	5.459	80	
66	5.29	5.334	80	
67	5.29	5.368	80	
68	5.29	5.688	80	

69	5.29	5.419	80	
70	5.29	5.508	80	
71	5.29	5.723	80	
72	5.29	5.477	80	
73	5.29	5.587	80	
74	5.29	5.574	80	
75	5.29	5.273	80	*
76	5.29	5.593	80	
77	5.29	5.691	80	
78	5.29	5.361	80	
79	5.29	5.462	80	
80	5.29	5.551	80	
81	5.29	5.504	80	
82	5.29	5.349	80	
83	5.29	5.643	80	
84	5.29	5.488	80	
85	5.29	5.696	80	
86	5.29	5.526	80	
87	5.29	5.664	80	
88	5.29	5.383	80	
89	5.29	5.7	80	
90	5.29	5.453	80	
91	5.29	5.577	80	
92	5.29	5.376	80	
93	5.29	5.719	80	
94	5.29	5.421	80	
95	5.29	5.281	80	*
96	5.29	5.365	80	
97	5.29	5.286	80	*
98	5.29	5.714	80	
99	5.29	5.706	80	
100	5.29	5.381	80	
Trail 24				
1	5.29	5.253	80	*
2	5.29	5.505	80	
3	5.29	5.257	80	*
4	5.29	5.691	80	
5	5.29	5.511	80	
6	5.29	5.533	80	
7	5.29	5.517	80	
8	5.29	5.576	80	
9	5.29	5.529	80	
10	5.29	5.644	80	
11	5.29	5.414	80	
12	5.29	5.528	80	
13	5.29	5.378	80	
14	5.29	5.4	80	
15	5.29	5.535	80	
16	5.29	5.5	80	
17	5.29	5.574	80	
18	5.29	5.689	80	
19	5.29	5.444	80	
20	5.29	5.424	80	
21	5.29	5.441	80	
22	5.29	5.526	80	
23	5.29	5.459	80	

24	5.29	5.259	80	*
25	5.29	5.6	80	
26	5.29	5.281	80	*
27	5.29	5.271	80	*
28	5.29	5.393	80	
29	5.29	5.362	80	
30	5.29	5.701	80	
31	5.29	5.724	80	
32	5.29	5.438	80	
33	5.29	5.54	80	
34	5.29	5.72	80	
35	5.29	5.605	80	
36	5.29	5.461	80	
37	5.29	5.31	80	*
38	5.29	5.254	80	*
39	5.29	5.617	80	
40	5.29	5.307	80	*
41	5.29	5.416	80	
42	5.29	5.469	80	
43	5.29	5.713	80	
44	5.29	5.415	80	
45	5.29	5.488	80	
46	5.29	5.411	80	
47	5.29	5.595	80	
48	5.29	5.306	80	*
49	5.29	5.336	80	
50	5.29	5.443	80	
51	5.29	5.703	80	
52	5.29	5.275	80	*
53	5.29	5.676	80	
54	5.29	5.48	80	
55	5.29	5.382	80	
56	5.29	5.313	80	*
57	5.29	5.42	80	
58	5.29	5.557	80	
59	5.29	5.58	80	
60	5.29	5.553	80	
61	5.29	5.659	80	
62	5.29	5.291	80	*
63	5.29	5.364	80	
64	5.29	5.442	80	
65	5.29	5.702	80	
66	5.29	5.466	80	
67	5.29	5.269	80	*
68	5.29	5.276	80	*
69	5.29	5.602	80	
70	5.29	5.394	80	
71	5.29	5.363	80	
72	5.29	5.493	80	
73	5.29	5.465	80	
74	5.29	5.456	80	
75	5.29	5.348	80	
76	5.29	5.391	80	
77	5.29	5.626	80	
78	5.29	5.422	80	
79	5.29	5.341	80	

80	5.29	5.558	80	
81	5.29	5.401	80	
82	5.29	5.608	80	
83	5.29	5.625	80	
84	5.29	5.675	80	
85	5.29	5.613	80	
86	5.29	5.663	80	
87	5.29	5.405	80	
88	5.29	5.642	80	
89	5.29	5.544	80	
90	5.29	5.406	80	
91	5.29	5.606	80	
92	5.29	5.318	80	*
93	5.29	5.721	80	
94	5.29	5.44	80	
95	5.29	5.658	80	
96	5.29	5.439	80	
97	5.29	5.499	80	
98	5.29	5.311	80	*
99	5.29	5.396	80	
100	5.29	5.407	80	
Trail 25				
1	5.29	5.475	80	
2	5.29	5.561	80	
3	5.29	5.455	80	
4	5.29	5.436	80	
5	5.29	5.623	80	
6	5.29	5.571	80	
7	5.29	5.26	80	*
8	5.29	5.618	80	
9	5.29	5.563	80	
10	5.29	5.713	80	
11	5.29	5.329	80	*
12	5.29	5.359	80	
13	5.29	5.716	80	
14	5.29	5.619	80	
15	5.29	5.324	80	*
16	5.29	5.531	80	
17	5.29	5.386	80	
18	5.29	5.594	80	
19	5.29	5.404	80	
20	5.29	5.469	80	
21	5.29	5.686	80	
22	5.29	5.296	80	*
23	5.29	5.269	80	*
24	5.29	5.332	80	
25	5.29	5.496	80	
26	5.29	5.315	80	*
27	5.29	5.704	80	
28	5.29	5.697	80	
29	5.29	5.297	80	*
30	5.29	5.443	80	
31	5.29	5.257	80	*
32	5.29	5.438	80	
33	5.29	5.29	80	*
34	5.29	5.589	80	

35	5.29	5.256	80	*
36	5.29	5.574	80	
37	5.29	5.614	80	
38	5.29	5.48	80	
39	5.29	5.494	80	
40	5.29	5.675	80	
41	5.29	5.417	80	
42	5.29	5.468	80	
43	5.29	5.365	80	
44	5.29	5.629	80	
45	5.29	5.458	80	
46	5.29	5.425	80	
47	5.29	5.718	80	
48	5.29	5.653	80	
49	5.29	5.366	80	
50	5.29	5.599	80	
51	5.29	5.656	80	
52	5.29	5.624	80	
53	5.29	5.377	80	
54	5.29	5.689	80	
55	5.29	5.546	80	
56	5.29	5.446	80	
57	5.29	5.57	80	
58	5.29	5.328	80	*
59	5.29	5.408	80	
60	5.29	5.61	80	
61	5.29	5.685	80	
62	5.29	5.335	80	
63	5.29	5.489	80	
64	5.29	5.724	80	
65	5.29	5.317	80	*
66	5.29	5.639	80	
67	5.29	5.707	80	
68	5.29	5.431	80	
69	5.29	5.319	80	*
70	5.29	5.683	80	
71	5.29	5.582	80	
72	5.29	5.374	80	
73	5.29	5.491	80	
74	5.29	5.341	80	
75	5.29	5.372	80	
76	5.29	5.617	80	
77	5.29	5.353	80	
78	5.29	5.64	80	
79	5.29	5.441	80	
80	5.29	5.581	80	
81	5.29	5.399	80	
82	5.29	5.679	80	
83	5.29	5.701	80	
84	5.29	5.389	80	
85	5.29	5.28	80	*
86	5.29	5.556	80	
87	5.29	5.572	80	
88	5.29	5.702	80	
89	5.29	5.605	80	
90	5.29	5.368	80	

91	5.29	5.275	80	*
92	5.29	5.298	80	*
93	5.29	5.382	80	
94	5.29	5.547	80	
95	5.29	5.647	80	
96	5.29	5.41	80	
97	5.29	5.396	80	
98	5.29	5.293	80	*
99	5.29	5.628	80	
100	5.29	5.457	80	
Trail 26				
1	5.29	5.57	80	
2	5.29	5.486	80	
3	5.29	5.322	80	*
4	5.29	5.545	80	
5	5.29	5.487	80	
6	5.29	5.656	80	
7	5.29	5.562	80	
8	5.29	5.645	80	
9	5.29	5.262	80	*
10	5.29	5.601	80	
11	5.29	5.37	80	
12	5.29	5.566	80	
13	5.29	5.627	80	
14	5.29	5.692	80	
15	5.29	5.422	80	
16	5.29	5.418	80	
17	5.29	5.71	80	
18	5.29	5.264	80	*
19	5.29	5.267	80	*
20	5.29	5.649	80	
21	5.29	5.613	80	
22	5.29	5.507	80	
23	5.29	5.526	80	
24	5.29	5.306	80	*
25	5.29	5.624	80	
26	5.29	5.5	80	
27	5.29	5.398	80	
28	5.29	5.339	80	
29	5.29	5.437	80	
30	5.29	5.702	80	
31	5.29	5.307	80	*
32	5.29	5.534	80	
33	5.29	5.44	80	
34	5.29	5.371	80	
35	5.29	5.51	80	
36	5.29	5.625	80	
37	5.29	5.284	80	*
38	5.29	5.651	80	
39	5.29	5.514	80	
40	5.29	5.461	80	
41	5.29	5.415	80	
42	5.29	5.567	80	
43	5.29	5.386	80	
44	5.29	5.586	80	
45	5.29	5.29	80	*

46	5.29	5.344	80	
47	5.29	5.354	80	
48	5.29	5.291	80	*
49	5.29	5.443	80	
50	5.29	5.646	80	
51	5.29	5.472	80	
52	5.29	5.412	80	
53	5.29	5.67	80	
54	5.29	5.405	80	
55	5.29	5.316	80	*
56	5.29	5.683	80	
57	5.29	5.684	80	
58	5.29	5.38	80	
59	5.29	5.662	80	
60	5.29	5.582	80	
61	5.29	5.272	80	*
62	5.29	5.503	80	
63	5.29	5.572	80	
64	5.29	5.343	80	
65	5.29	5.708	80	
66	5.29	5.359	80	
67	5.29	5.46	80	
68	5.29	5.597	80	
69	5.29	5.516	80	
70	5.29	5.426	80	
71	5.29	5.336	80	
72	5.29	5.717	80	
73	5.29	5.648	80	
74	5.29	5.261	80	*
75	5.29	5.594	80	
76	5.29	5.479	80	
77	5.29	5.686	80	
78	5.29	5.263	80	*
79	5.29	5.664	80	
80	5.29	5.628	80	
81	5.29	5.599	80	
82	5.29	5.495	80	
83	5.29	5.278	80	*
84	5.29	5.688	80	
85	5.29	5.353	80	
86	5.29	5.703	80	
87	5.29	5.592	80	
88	5.29	5.311	80	*
89	5.29	5.555	80	
90	5.29	5.383	80	
91	5.29	5.532	80	
92	5.29	5.614	80	
93	5.29	5.337	80	
94	5.29	5.721	80	
95	5.29	5.608	80	
96	5.29	5.538	80	
97	5.29	5.696	80	
98	5.29	5.622	80	
99	5.29	5.535	80	
100	5.29	5.478	80	

Trial 27

1	5.29	5.629	80	
2	5.29	5.477	80	
3	5.29	5.617	80	
4	5.29	5.718	80	
5	5.29	5.312	80	*
6	5.29	5.689	80	
7	5.29	5.375	80	
8	5.29	5.308	80	*
9	5.29	5.29	80	*
10	5.29	5.506	80	
11	5.29	5.557	80	
12	5.29	5.541	80	
13	5.29	5.371	80	
14	5.29	5.599	80	
15	5.29	5.443	80	
16	5.29	5.574	80	
17	5.29	5.526	80	
18	5.29	5.343	80	
19	5.29	5.618	80	
20	5.29	5.602	80	
21	5.29	5.694	80	
22	5.29	5.406	80	
23	5.29	5.585	80	
24	5.29	5.297	80	*
25	5.29	5.573	80	
26	5.29	5.595	80	
27	5.29	5.556	80	
28	5.29	5.356	80	
29	5.29	5.563	80	
30	5.29	5.559	80	
31	5.29	5.499	80	
32	5.29	5.427	80	
33	5.29	5.712	80	
34	5.29	5.527	80	
35	5.29	5.555	80	
36	5.29	5.457	80	
37	5.29	5.539	80	
38	5.29	5.295	80	*
39	5.29	5.469	80	
40	5.29	5.702	80	
41	5.29	5.287	80	*
42	5.29	5.383	80	
43	5.29	5.511	80	
44	5.29	5.548	80	
45	5.29	5.268	80	*
46	5.29	5.615	80	
47	5.29	5.61	80	
48	5.29	5.335	80	
49	5.29	5.549	80	
50	5.29	5.714	80	
51	5.29	5.529	80	
52	5.29	5.649	80	
53	5.29	5.664	80	
54	5.29	5.663	80	
55	5.29	5.6	80	
56	5.29	5.716	80	

57	5.29	5.509	80	
58	5.29	5.523	80	
59	5.29	5.446	80	
60	5.29	5.264	80	*
61	5.29	5.705	80	
62	5.29	5.66	80	
63	5.29	5.69	80	
64	5.29	5.581	80	
65	5.29	5.43	80	
66	5.29	5.303	80	*
67	5.29	5.63	80	
68	5.29	5.341	80	
69	5.29	5.655	80	
70	5.29	5.425	80	
71	5.29	5.442	80	
72	5.29	5.379	80	
73	5.29	5.699	80	
74	5.29	5.283	80	*
75	5.29	5.324	80	*
76	5.29	5.426	80	
77	5.29	5.466	80	
78	5.29	5.39	80	
79	5.29	5.633	80	
80	5.29	5.645	80	
81	5.29	5.321	80	*
82	5.29	5.665	80	
83	5.29	5.293	80	*
84	5.29	5.448	80	
85	5.29	5.514	80	
86	5.29	5.434	80	
87	5.29	5.717	80	
88	5.29	5.304	80	*
89	5.29	5.461	80	
90	5.29	5.492	80	
91	5.29	5.553	80	
92	5.29	5.418	80	
93	5.29	5.403	80	
94	5.29	5.344	80	
95	5.29	5.672	80	
96	5.29	5.32	80	*
97	5.29	5.472	80	
98	5.29	5.537	80	
99	5.29	5.382	80	
100	5.29	5.579	80	
Trail 28				
1	5.29	5.717	80	
2	5.29	5.285	80	*
3	5.29	5.515	80	
4	5.29	5.365	80	
5	5.29	5.66	80	
6	5.29	5.513	80	
7	5.29	5.605	80	
8	5.29	5.381	80	
9	5.29	5.318	80	*
10	5.29	5.538	80	
11	5.29	5.283	80	*

12	5.29	5.621	80	
13	5.29	5.537	80	
14	5.29	5.362	80	
15	5.29	5.555	80	
16	5.29	5.634	80	
17	5.29	5.7	80	
18	5.29	5.37	80	
19	5.29	5.545	80	
20	5.29	5.716	80	
21	5.29	5.263	80	*
22	5.29	5.386	80	
23	5.29	5.39	80	
24	5.29	5.589	80	
25	5.29	5.556	80	
26	5.29	5.641	80	
27	5.29	5.329	80	*
28	5.29	5.461	80	
29	5.29	5.43	80	
30	5.29	5.323	80	*
31	5.29	5.558	80	
32	5.29	5.352	80	
33	5.29	5.431	80	
34	5.29	5.278	80	*
35	5.29	5.67	80	
36	5.29	5.446	80	
37	5.29	5.491	80	
38	5.29	5.659	80	
39	5.29	5.596	80	
40	5.29	5.464	80	
41	5.29	5.577	80	
42	5.29	5.499	80	
43	5.29	5.493	80	
44	5.29	5.536	80	
45	5.29	5.282	80	*
46	5.29	5.697	80	
47	5.29	5.55	80	
48	5.29	5.704	80	
49	5.29	5.311	80	*
50	5.29	5.326	80	*
51	5.29	5.296	80	*
52	5.29	5.721	80	
53	5.29	5.573	80	
54	5.29	5.496	80	
55	5.29	5.507	80	
56	5.29	5.551	80	
57	5.29	5.667	80	
58	5.29	5.672	80	
59	5.29	5.532	80	
60	5.29	5.314	80	*
61	5.29	5.48	80	
62	5.29	5.607	80	
63	5.29	5.588	80	
64	5.29	5.388	80	
65	5.29	5.495	80	
66	5.29	5.457	80	
67	5.29	5.34	80	

68	5.29	5.4	80	
69	5.29	5.259	80	*
70	5.29	5.46	80	
71	5.29	5.668	80	
72	5.29	5.437	80	
73	5.29	5.617	80	
74	5.29	5.384	80	
75	5.29	5.344	80	
76	5.29	5.404	80	
77	5.29	5.645	80	
78	5.29	5.264	80	*
79	5.29	5.591	80	
80	5.29	5.511	80	
81	5.29	5.683	80	
82	5.29	5.325	80	*
83	5.29	5.54	80	
84	5.29	5.456	80	
85	5.29	5.253	80	*
86	5.29	5.422	80	
87	5.29	5.411	80	
88	5.29	5.547	80	
89	5.29	5.59	80	
90	5.29	5.415	80	
91	5.29	5.418	80	
92	5.29	5.342	80	
93	5.29	5.398	80	
94	5.29	5.601	80	
95	5.29	5.425	80	
96	5.29	5.472	80	
97	5.29	5.445	80	
98	5.29	5.644	80	
99	5.29	5.592	80	
100	5.29	5.315	80	*

Trail 29

1	5.29	5.532	80	
2	5.29	5.368	80	
3	5.29	5.551	80	
4	5.29	5.267	80	*
5	5.29	5.708	80	
6	5.29	5.592	80	
7	5.29	5.436	80	
8	5.29	5.317	80	*
9	5.29	5.7	80	
10	5.29	5.595	80	
11	5.29	5.608	80	
12	5.29	5.699	80	
13	5.29	5.418	80	
14	5.29	5.581	80	
15	5.29	5.327	80	*
16	5.29	5.417	80	
17	5.29	5.492	80	
18	5.29	5.402	80	
19	5.29	5.655	80	
20	5.29	5.294	80	*
21	5.29	5.522	80	
22	5.29	5.59	80	

23	5.29	5.634	80	
24	5.29	5.356	80	
25	5.29	5.307	80	*
26	5.29	5.394	80	
27	5.29	5.678	80	
28	5.29	5.681	80	
29	5.29	5.621	80	
30	5.29	5.344	80	
31	5.29	5.256	80	*
32	5.29	5.386	80	
33	5.29	5.672	80	
34	5.29	5.509	80	
35	5.29	5.403	80	
36	5.29	5.471	80	
37	5.29	5.482	80	
38	5.29	5.439	80	
39	5.29	5.573	80	
40	5.29	5.459	80	
41	5.29	5.646	80	
42	5.29	5.506	80	
43	5.29	5.709	80	
44	5.29	5.279	80	*
45	5.29	5.625	80	
46	5.29	5.64	80	
47	5.29	5.722	80	
48	5.29	5.467	80	
49	5.29	5.427	80	
50	5.29	5.665	80	
51	5.29	5.253	80	*
52	5.29	5.422	80	
53	5.29	5.603	80	
54	5.29	5.336	80	
55	5.29	5.372	80	
56	5.29	5.627	80	
57	5.29	5.614	80	
58	5.29	5.633	80	
59	5.29	5.474	80	
60	5.29	5.499	80	
61	5.29	5.359	80	
62	5.29	5.446	80	
63	5.29	5.454	80	
64	5.29	5.515	80	
65	5.29	5.46	80	
66	5.29	5.664	80	
67	5.29	5.363	80	
68	5.29	5.558	80	
69	5.29	5.424	80	
70	5.29	5.488	80	
71	5.29	5.35	80	
72	5.29	5.489	80	
73	5.29	5.33	80	*
74	5.29	5.414	80	
75	5.29	5.409	80	
76	5.29	5.365	80	
77	5.29	5.354	80	
78	5.29	5.299	80	*

79	5.29	5.51	80	
80	5.29	5.585	80	
81	5.29	5.693	80	
82	5.29	5.288	80	*
83	5.29	5.391	80	
84	5.29	5.505	80	
85	5.29	5.531	80	
86	5.29	5.313	80	*
87	5.29	5.462	80	
88	5.29	5.483	80	
89	5.29	5.596	80	
90	5.29	5.353	80	
91	5.29	5.331	80	
92	5.29	5.314	80	*
93	5.29	5.674	80	
94	5.29	5.487	80	
95	5.29	5.628	80	
96	5.29	5.604	80	
97	5.29	5.656	80	
98	5.29	5.441	80	
99	5.29	5.649	80	
100	5.29	5.565	80	
Trail 30				
1	5.29	5.281	80	*
2	5.29	5.36	80	
3	5.29	5.402	80	
4	5.29	5.275	80	*
5	5.29	5.468	80	
6	5.29	5.39	80	
7	5.29	5.687	80	
8	5.29	5.581	80	
9	5.29	5.302	80	*
10	5.29	5.292	80	*
11	5.29	5.569	80	
12	5.29	5.449	80	
13	5.29	5.447	80	
14	5.29	5.255	80	*
15	5.29	5.37	80	
16	5.29	5.618	80	
17	5.29	5.723	80	
18	5.29	5.685	80	
19	5.29	5.399	80	
20	5.29	5.385	80	
21	5.29	5.619	80	
22	5.29	5.525	80	
23	5.29	5.306	80	*
24	5.29	5.582	80	
25	5.29	5.42	80	
26	5.29	5.368	80	
27	5.29	5.387	80	
28	5.29	5.7	80	
29	5.29	5.689	80	
30	5.29	5.317	80	*
31	5.29	5.388	80	
32	5.29	5.356	80	
33	5.29	5.331	80	

34	5.29	5.573	80	
35	5.29	5.527	80	
36	5.29	5.297	80	*
37	5.29	5.425	80	
38	5.29	5.699	80	
39	5.29	5.361	80	
40	5.29	5.486	80	
41	5.29	5.46	80	
42	5.29	5.72	80	
43	5.29	5.484	80	
44	5.29	5.429	80	
45	5.29	5.404	80	
46	5.29	5.621	80	
47	5.29	5.458	80	
48	5.29	5.616	80	
49	5.29	5.258	80	*
50	5.29	5.712	80	
51	5.29	5.33	80	*
52	5.29	5.564	80	
53	5.29	5.708	80	
54	5.29	5.59	80	
55	5.29	5.307	80	*
56	5.29	5.625	80	
57	5.29	5.347	80	
58	5.29	5.279	80	*
59	5.29	5.661	80	
60	5.29	5.43	80	
61	5.29	5.528	80	
62	5.29	5.663	80	
63	5.29	5.327	80	*
64	5.29	5.359	80	
65	5.29	5.714	80	
66	5.29	5.338	80	
67	5.29	5.644	80	
68	5.29	5.474	80	
69	5.29	5.322	80	*
70	5.29	5.369	80	
71	5.29	5.336	80	
72	5.29	5.299	80	*
73	5.29	5.308	80	*
74	5.29	5.271	80	*
75	5.29	5.491	80	
76	5.29	5.298	80	*
77	5.29	5.538	80	
78	5.29	5.703	80	
79	5.29	5.633	80	
80	5.29	5.631	80	
81	5.29	5.568	80	
82	5.29	5.613	80	
83	5.29	5.287	80	*
84	5.29	5.269	80	*
85	5.29	5.413	80	
86	5.29	5.344	80	
87	5.29	5.711	80	
88	5.29	5.614	80	
89	5.29	5.455	80	

90	5.29	5.384	80		
91	5.29	5.337	80		
92	5.29	5.679	80		
93	5.29	5.488	80		
94	5.29	5.333	80		
95	5.29	5.284	80	*	
96	5.29	5.261	80	*	
97	5.29	5.521	80		
98	5.29	5.311	80	*	
99	5.29	5.478	80		
100	5.29	5.343	80		

Document history

Version	Applied changes	Date of release
	Initial release	2018-08-08