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Test report no.: 1-0585/15-01-01_Annex I

Annex I

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Radar Type 1 – HT20-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (μsec)	PRI (μs)	Detection (yes/no)
1	57	1	938	Yes
2	61	1	878	yes
3	70	1	758	Yes
4	58	1	918	Yes
5	81	1	658	Yes
6	61	1	878	Yes
7	74	1	718	Yes
8	67	1	798	Yes
9	61	1	878	Yes
10	99	1	538	Yes
11	86	1	618	Yes
12	89	1	598	Yes
13	62	1	858	Yes
14	63	1	838	Yes
15	62	1	858	Yes
16	63	1	838	Yes
17	63	1	838	Yes
18	74	1	718	Yes
19	61	1	878	Yes
20	59	1	898	Yes
21	65	1	818	Yes
22	65	1	818	Yes
23	95	1	558	Yes
24	59	1	898	Yes
25	95	1	558	Yes
26	58	1	918	Yes
27	63	1	838	Yes
28	57	1	938	Yes
29	70	1	758	Yes
30	86	1	618	Yes

Radar Type 1 – HT40-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	57	1	938	Yes
2	61	1	878	yes
3	70	1	758	Yes
4	58	1	918	Yes
5	81	1	658	Yes
6	61	1	878	Yes
7	74	1	718	Yes
8	67	1	798	Yes
9	61	1	878	Yes
10	99	1	538	Yes
11	86	1	618	Yes
12	89	1	598	Yes
13	62	1	858	Yes
14	63	1	838	Yes
15	62	1	858	Yes
16	63	1	838	Yes
17	63	1	838	Yes
18	74	1	718	Yes
19	61	1	878	Yes
20	59	1	898	Yes
21	65	1	818	Yes
22	65	1	818	Yes
23	95	1	558	Yes
24	59	1	898	Yes
25	95	1	558	Yes
26	58	1	918	Yes
27	63	1	838	Yes
28	57	1	938	Yes
29	70	1	758	Yes
30	86	1	618	Yes

Radar Type 2 – HT20-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	25	4.1	208	Yes
2	27	1.7	155	Yes
3	24	3.2	154	No
4	28	2.6	204	Yes
5	29	4	165	Yes
6	27	2.9	218	Yes
7	24	2.6	221	Yes
8	29	5	185	Yes
9	27	1.2	176	Yes
10	26	3	190	Yes
11	26	1	160	Yes
12	29	4.4	214	Yes
13	24	4	177	Yes
14	29	2.2	167	Yes
15	24	4.9	158	Yes
16	29	2.9	188	Yes
17	28	1.2	178	Yes
18	29	2.5	191	Yes
19	26	4	192	Yes
20	29	2.6	180	Yes
21	24	4.8	216	Yes
22	26	1	191	Yes
23	24	2.4	155	Yes
24	26	3.2	213	Yes
25	23	2.2	175	Yes
26	27	3.5	162	Yes
27	27	2.1	158	Yes
28	26	2.9	174	Yes
29	26	2.1	191	Yes
30	26	2.1	156	Yes

Radar Type 2 – HT40-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	25	4.1	208	Yes
2	27	1.7	155	Yes
3	24	3.2	154	Yes
4	28	2.6	204	Yes
5	29	4	165	No
6	27	2.9	218	Yes
7	24	2.6	221	Yes
8	29	5	185	Yes
9	27	1.2	176	Yes
10	26	3	190	Yes
11	26	1	160	No
12	29	4.4	214	Yes
13	24	4	177	Yes
14	29	2.2	167	Yes
15	24	4.9	158	No
16	29	2.9	188	No
17	28	1.2	178	Yes
18	29	2.5	191	Yes
19	26	4	192	Yes
20	29	2.6	180	Yes
21	24	4.8	216	Yes
22	26	1	191	No
23	24	2.4	155	Yes
24	26	3.2	213	Yes
25	23	2.2	175	Yes
26	27	3.5	162	Yes
27	27	2.1	158	Yes
28	26	2.9	174	Yes
29	26	2.1	191	Yes
30	26	2.1	156	Yes

Radar Type 3 – HT20-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	17	9.8	253	Yes
2	18	7.6	457	No
3	18	7.5	200	Yes
4	18	9.9	465	Yes
5	17	9	424	Yes
6	18	6.4	200	Yes
7	16	8.1	491	Yes
8	16	9.5	274	Yes
9	18	8.7	427	Yes
10	17	6.3	407	Yes
11	17	8	350	Yes
12	17	6.1	496	Yes
13	18	8.7	215	Yes
14	18	8.8	289	Yes
15	17	7.4	248	Yes
16	17	9.1	423	Yes
17	16	6.9	266	No
18	17	7.1	465	Yes
19	18	6.2	218	Yes
20	17	7.6	257	Yes
21	17	9.9	496	Yes
22	18	9.2	237	Yes
23	17	9.4	418	Yes
24	18	8.2	217	Yes
25	16	8.9	431	Yes
26	17	9.6	364	Yes
27	17	6	400	Yes
28	17	7.9	438	Yes
29	17	7.4	489	Yes
30	16	6.8	373	Yes

Radar Type 3 – HT40-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	17	9.8	253	Yes
2	18	7.6	457	Yes
3	18	7.5	200	Yes
4	18	9.9	465	Yes
5	17	9	424	Yes
6	18	6.4	200	No
7	16	8.1	491	Yes
8	16	9.5	274	No
9	18	8.7	427	Yes
10	17	6.3	407	Yes
11	17	8	350	Yes
12	17	6.1	496	Yes
13	18	8.7	215	Yes
14	18	8.8	289	Yes
15	17	7.4	248	Yes
16	17	9.1	423	Yes
17	16	6.9	266	Yes
18	17	7.1	465	Yes
19	18	6.2	218	Yes
20	17	7.6	257	Yes
21	17	9.9	496	Yes
22	18	9.2	237	Yes
23	17	9.4	418	Yes
24	18	8.2	217	No
25	16	8.9	431	Yes
26	17	9.6	364	Yes
27	17	6	400	Yes
28	17	7.9	438	Yes
29	17	7.4	489	Yes
30	16	6.8	373	Yes

Radar Type 4 – HT20-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	13	16.7	304	Yes
2	12	14.7	243	Yes
3	12	15.2	421	Yes
4	14	14.8	481	No
5	15	14.8	461	Yes
6	12	17.7	285	Yes
7	14	13.9	337	Yes
8	16	11.7	286	Yes
9	16	13.2	213	Yes
10	15	12.4	344	Yes
11	14	18.5	236	Yes
12	14	16.8	223	Yes
13	12	13	317	Yes
14	13	12.9	333	Yes
15	13	11.7	400	Yes
16	13	19.5	493	Yes
17	15	16.4	472	Yes
18	15	12	283	No
19	14	13.8	465	Yes
20	15	19.2	228	Yes
21	14	17.6	492	Yes
22	13	13.1	433	Yes
23	13	14	443	Yes
24	15	13.7	213	Yes
25	12	15.5	312	Yes
26	15	12.4	252	Yes
27	15	18	262	Yes
28	15	17	211	Yes
29	15	14.6	431	Yes
30	16	12.8	491	Yes

Radar Type 4 – HT40-Mode:

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	13	16.7	304	Yes
2	12	14.7	243	Yes
3	12	15.2	421	Yes
4	14	14.8	481	Yes
5	15	14.8	461	Yes
6	12	17.7	285	Yes
7	14	13.9	337	Yes
8	16	11.7	286	Yes
9	16	13.2	213	Yes
10	15	12.4	344	Yes
11	14	18.5	236	Yes
12	14	16.8	223	Yes
13	12	13	317	Yes
14	13	12.9	333	Yes
15	13	11.7	400	Yes
16	13	19.5	493	Yes
17	15	16.4	472	Yes
18	15	12	283	Yes
19	14	13.8	465	Yes
20	15	19.2	228	Yes
21	14	17.6	492	Yes
22	13	13.1	433	Yes
23	13	14	443	No
24	15	13.7	213	No
25	12	15.5	312	No
26	15	12.4	252	Yes
27	15	18	262	Yes
28	15	17	211	Yes
29	15	14.6	431	Yes
30	16	12.8	491	Yes

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)	Detection (yes/no)
Trail 1							
1	12	63.4	16			523.086	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	74.6	10	1084		224.27	

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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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)	Detection (yes/no)
Trail 1							
1	12	63.4	16			523.086	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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	Yes
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							Yes
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							Yes
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							Yes
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							Yes
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							Yes
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	Yes
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	Yes
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	Yes
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							Yes
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							Yes
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							Yes
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							Yes
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	Yes
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	Yes
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	Yes
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	Detection (yes/no)
Trail 1					
1	5.3	5.557	20		Yes
2	5.3	5.584	20		
3	5.3	5.278	20		
4	5.3	5.465	20		
5	5.3	5.688	20		
6	5.3	5.717	20		
7	5.3	5.361	20		
8	5.3	5.72	20		
9	5.3	5.423	20		
10	5.3	5.718	20		
11	5.3	5.621	20		
12	5.3	5.392	20		
13	5.3	5.639	20		
14	5.3	5.298	20	*	
15	5.3	5.398	20		
16	5.3	5.267	20		
17	5.3	5.251	20		
18	5.3	5.676	20		
19	5.3	5.39	20		
20	5.3	5.308	20	*	
21	5.3	5.697	20		
22	5.3	5.495	20		
23	5.3	5.546	20		
24	5.3	5.689	20		
25	5.3	5.372	20		
26	5.3	5.638	20		
27	5.3	5.568	20		
28	5.3	5.721	20		
29	5.3	5.561	20		
30	5.3	5.28	20		
31	5.3	5.305	20	*	
32	5.3	5.651	20		
33	5.3	5.616	20		
34	5.3	5.614	20		
35	5.3	5.312	20		
36	5.3	5.708	20		
37	5.3	5.625	20		
38	5.3	5.426	20		
39	5.3	5.558	20		
40	5.3	5.385	20		
41	5.3	5.387	20		
42	5.3	5.524	20		
43	5.3	5.31	20	*	
44	5.3	5.716	20		
45	5.3	5.296	20	*	
46	5.3	5.567	20		
47	5.3	5.287	20		
48	5.3	5.37	20		

49	5.3	5.415	20			
50	5.3	5.294	20	*		
51	5.3	5.476	20			
52	5.3	5.256	20			
53	5.3	5.663	20			
54	5.3	5.636	20			
55	5.3	5.344	20			
56	5.3	5.353	20			
57	5.3	5.573	20			
58	5.3	5.445	20			
59	5.3	5.7	20			
60	5.3	5.585	20			
61	5.3	5.293	20	*		
62	5.3	5.516	20			
63	5.3	5.442	20			
64	5.3	5.542	20			
65	5.3	5.479	20			
66	5.3	5.649	20			
67	5.3	5.487	20			
68	5.3	5.598	20			
69	5.3	5.366	20			
70	5.3	5.486	20			
71	5.3	5.283	20			
72	5.3	5.369	20			
73	5.3	5.693	20			
74	5.3	5.702	20			
75	5.3	5.478	20			
76	5.3	5.468	20			
77	5.3	5.264	20			
78	5.3	5.497	20			
79	5.3	5.551	20			
80	5.3	5.416	20			
81	5.3	5.47	20			
82	5.3	5.543	20			
83	5.3	5.311	20			
84	5.3	5.285	20			
85	5.3	5.402	20			
86	5.3	5.306	20	*		
87	5.3	5.447	20			
88	5.3	5.506	20			
89	5.3	5.252	20			
90	5.3	5.393	20			
91	5.3	5.352	20			
92	5.3	5.556	20			
93	5.3	5.641	20			
94	5.3	5.333	20			
95	5.3	5.33	20			
96	5.3	5.336	20			
97	5.3	5.528	20			
98	5.3	5.633	20			
99	5.3	5.365	20			
100	5.3	5.286	20	100		
Trail 2						
1	5.3	5.471	20			Yes
2	5.3	5.366	20			
3	5.3	5.642	20			

4	5.3	5.717	20	
5	5.3	5.266	20	
6	5.3	5.607	20	
7	5.3	5.53	20	
8	5.3	5.362	20	
9	5.3	5.339	20	
10	5.3	5.374	20	
11	5.3	5.341	20	
12	5.3	5.293	20	*
13	5.3	5.448	20	
14	5.3	5.68	20	
15	5.3	5.631	20	
16	5.3	5.343	20	
17	5.3	5.48	20	
18	5.3	5.671	20	
19	5.3	5.497	20	
20	5.3	5.723	20	
21	5.3	5.499	20	
22	5.3	5.408	20	
23	5.3	5.344	20	
24	5.3	5.627	20	
25	5.3	5.417	20	
26	5.3	5.458	20	
27	5.3	5.544	20	
28	5.3	5.598	20	
29	5.3	5.392	20	
30	5.3	5.553	20	
31	5.3	5.518	20	
32	5.3	5.592	20	
33	5.3	5.661	20	
34	5.3	5.678	20	
35	5.3	5.387	20	
36	5.3	5.531	20	
37	5.3	5.485	20	
38	5.3	5.677	20	
39	5.3	5.427	20	
40	5.3	5.599	20	
41	5.3	5.279	20	
42	5.3	5.645	20	
43	5.3	5.573	20	
44	5.3	5.465	20	
45	5.3	5.702	20	
46	5.3	5.637	20	
47	5.3	5.262	20	
48	5.3	5.348	20	
49	5.3	5.673	20	
50	5.3	5.401	20	
51	5.3	5.629	20	
52	5.3	5.572	20	
53	5.3	5.424	20	
54	5.3	5.59	20	
55	5.3	5.287	20	
56	5.3	5.265	20	
57	5.3	5.511	20	
58	5.3	5.641	20	
59	5.3	5.672	20	

60	5.3	5.718	20			
61	5.3	5.657	20			
62	5.3	5.27	20			
63	5.3	5.333	20			
64	5.3	5.541	20			
65	5.3	5.473	20			
66	5.3	5.649	20			
67	5.3	5.579	20			
68	5.3	5.662	20			
69	5.3	5.501	20			
70	5.3	5.456	20			
71	5.3	5.685	20			
72	5.3	5.404	20			
73	5.3	5.652	20			
74	5.3	5.521	20			
75	5.3	5.313	20			
76	5.3	5.437	20			
77	5.3	5.6	20			
78	5.3	5.345	20			
79	5.3	5.601	20			
80	5.3	5.479	20			
81	5.3	5.386	20			
82	5.3	5.459	20			
83	5.3	5.434	20			
84	5.3	5.452	20			
85	5.3	5.275	20			
86	5.3	5.517	20			
87	5.3	5.724	20			
88	5.3	5.367	20			
89	5.3	5.317	20			
90	5.3	5.312	20			
91	5.3	5.505	20			
92	5.3	5.526	20			
93	5.3	5.42	20			
94	5.3	5.393	20			
95	5.3	5.578	20			
96	5.3	5.429	20			
97	5.3	5.65	20			
98	5.3	5.563	20			
99	5.3	5.355	20			
100	5.3	5.444	20			
Trail 3						
1	5.3	5.488	20			Yes
2	5.3	5.579	20			
3	5.3	5.584	20			
4	5.3	5.318	20			
5	5.3	5.36	20			
6	5.3	5.418	20			
7	5.3	5.608	20			
8	5.3	5.655	20			
9	5.3	5.593	20			
10	5.3	5.535	20			
11	5.3	5.32	20			
12	5.3	5.428	20			
13	5.3	5.513	20			
14	5.3	5.257	20			

15	5.3	5.393	20	
16	5.3	5.272	20	
17	5.3	5.35	20	
18	5.3	5.355	20	
19	5.3	5.598	20	
20	5.3	5.582	20	
21	5.3	5.406	20	
22	5.3	5.604	20	
23	5.3	5.578	20	
24	5.3	5.67	20	
25	5.3	5.483	20	
26	5.3	5.338	20	
27	5.3	5.706	20	
28	5.3	5.331	20	
29	5.3	5.363	20	
30	5.3	5.528	20	
31	5.3	5.572	20	
32	5.3	5.405	20	
33	5.3	5.273	20	
34	5.3	5.426	20	
35	5.3	5.341	20	
36	5.3	5.349	20	
37	5.3	5.385	20	
38	5.3	5.34	20	
39	5.3	5.564	20	
40	5.3	5.435	20	
41	5.3	5.431	20	
42	5.3	5.262	20	
43	5.3	5.417	20	
44	5.3	5.606	20	
45	5.3	5.68	20	
46	5.3	5.697	20	
47	5.3	5.439	20	
48	5.3	5.463	20	
49	5.3	5.672	20	
50	5.3	5.628	20	
51	5.3	5.433	20	
52	5.3	5.253	20	
53	5.3	5.688	20	
54	5.3	5.304	20	*
55	5.3	5.644	20	
56	5.3	5.561	20	
57	5.3	5.686	20	
58	5.3	5.713	20	
59	5.3	5.678	20	
60	5.3	5.292	20	*
61	5.3	5.639	20	
62	5.3	5.453	20	
63	5.3	5.436	20	
64	5.3	5.524	20	
65	5.3	5.305	20	*
66	5.3	5.558	20	
67	5.3	5.531	20	
68	5.3	5.681	20	
69	5.3	5.632	20	
70	5.3	5.334	20	

71	5.3	5.526	20		
72	5.3	5.621	20		
73	5.3	5.46	20		
74	5.3	5.348	20		
75	5.3	5.491	20		
76	5.3	5.376	20		
77	5.3	5.296	20	*	
78	5.3	5.625	20		
79	5.3	5.295	20	*	
80	5.3	5.379	20		
81	5.3	5.518	20		
82	5.3	5.57	20		
83	5.3	5.507	20		
84	5.3	5.328	20		
85	5.3	5.523	20		
86	5.3	5.475	20		
87	5.3	5.489	20		
88	5.3	5.509	20		
89	5.3	5.638	20		
90	5.3	5.724	20		
91	5.3	5.573	20		
92	5.3	5.512	20		
93	5.3	5.677	20		
94	5.3	5.559	20		
95	5.3	5.448	20		
96	5.3	5.411	20		
97	5.3	5.586	20		
98	5.3	5.371	20		
99	5.3	5.687	20		
100	5.3	5.367	20		
Trail 4					
1	5.3	5.311	20		Yes
2	5.3	5.343	20		
3	5.3	5.386	20		
4	5.3	5.27	20		
5	5.3	5.274	20		
6	5.3	5.625	20		
7	5.3	5.393	20		
8	5.3	5.472	20		
9	5.3	5.631	20		
10	5.3	5.716	20		
11	5.3	5.463	20		
12	5.3	5.591	20		
13	5.3	5.455	20		
14	5.3	5.266	20		
15	5.3	5.585	20		
16	5.3	5.282	20		
17	5.3	5.318	20		
18	5.3	5.614	20		
19	5.3	5.667	20		
20	5.3	5.505	20		
21	5.3	5.442	20		
22	5.3	5.653	20		
23	5.3	5.581	20		
24	5.3	5.419	20		
25	5.3	5.634	20		

26	5.3	5.315	20	
27	5.3	5.44	20	
28	5.3	5.508	20	
29	5.3	5.62	20	
30	5.3	5.423	20	
31	5.3	5.594	20	
32	5.3	5.651	20	
33	5.3	5.34	20	
34	5.3	5.294	20	*
35	5.3	5.334	20	
36	5.3	5.524	20	
37	5.3	5.338	20	
38	5.3	5.571	20	
39	5.3	5.721	20	
40	5.3	5.253	20	
41	5.3	5.549	20	
42	5.3	5.526	20	
43	5.3	5.7	20	
44	5.3	5.664	20	
45	5.3	5.514	20	
46	5.3	5.487	20	
47	5.3	5.538	20	
48	5.3	5.272	20	
49	5.3	5.655	20	
50	5.3	5.349	20	
51	5.3	5.352	20	
52	5.3	5.454	20	
53	5.3	5.641	20	
54	5.3	5.474	20	
55	5.3	5.707	20	
56	5.3	5.607	20	
57	5.3	5.312	20	
58	5.3	5.485	20	
59	5.3	5.479	20	
60	5.3	5.369	20	
61	5.3	5.344	20	
62	5.3	5.504	20	
63	5.3	5.561	20	
64	5.3	5.521	20	
65	5.3	5.624	20	
66	5.3	5.327	20	
67	5.3	5.391	20	
68	5.3	5.562	20	
69	5.3	5.522	20	
70	5.3	5.693	20	
71	5.3	5.268	20	
72	5.3	5.679	20	
73	5.3	5.309	20	*
74	5.3	5.427	20	
75	5.3	5.506	20	
76	5.3	5.278	20	
77	5.3	5.502	20	
78	5.3	5.308	20	*
79	5.3	5.481	20	
80	5.3	5.612	20	
81	5.3	5.696	20	

82	5.3	5.422	20		
83	5.3	5.438	20		
84	5.3	5.413	20		
85	5.3	5.264	20		
86	5.3	5.628	20		
87	5.3	5.392	20		
88	5.3	5.36	20		
89	5.3	5.573	20		
90	5.3	5.384	20		
91	5.3	5.718	20		
92	5.3	5.717	20		
93	5.3	5.646	20		
94	5.3	5.511	20		
95	5.3	5.331	20		
96	5.3	5.436	20		
97	5.3	5.708	20		
98	5.3	5.596	20		
99	5.3	5.593	20		
100	5.3	5.484	20		
Trail 5					
1	5.3	5.26	20		Yes
2	5.3	5.569	20		
3	5.3	5.439	20		
4	5.3	5.302	20	*	
5	5.3	5.702	20		
6	5.3	5.642	20		
7	5.3	5.508	20		
8	5.3	5.636	20		
9	5.3	5.665	20		
10	5.3	5.573	20		
11	5.3	5.305	20	*	
12	5.3	5.611	20		
13	5.3	5.262	20		
14	5.3	5.606	20		
15	5.3	5.386	20		
16	5.3	5.289	20		
17	5.3	5.538	20		
18	5.3	5.591	20		
19	5.3	5.419	20		
20	5.3	5.51	20		
21	5.3	5.69	20		
22	5.3	5.451	20		
23	5.3	5.438	20		
24	5.3	5.56	20		
25	5.3	5.263	20		
26	5.3	5.648	20		
27	5.3	5.492	20		
28	5.3	5.281	20		
29	5.3	5.45	20		
30	5.3	5.404	20		
31	5.3	5.25	20		
32	5.3	5.695	20		
33	5.3	5.276	20		
34	5.3	5.614	20		
35	5.3	5.446	20		
36	5.3	5.54	20		

37	5.3	5.57	20	
38	5.3	5.478	20	
39	5.3	5.664	20	
40	5.3	5.427	20	
41	5.3	5.515	20	
42	5.3	5.27	20	
43	5.3	5.257	20	
44	5.3	5.274	20	
45	5.3	5.412	20	
46	5.3	5.398	20	
47	5.3	5.722	20	
48	5.3	5.265	20	
49	5.3	5.718	20	
50	5.3	5.473	20	
51	5.3	5.559	20	
52	5.3	5.719	20	
53	5.3	5.501	20	
54	5.3	5.485	20	
55	5.3	5.639	20	
56	5.3	5.568	20	
57	5.3	5.622	20	
58	5.3	5.562	20	
59	5.3	5.674	20	
60	5.3	5.375	20	
61	5.3	5.408	20	
62	5.3	5.467	20	
63	5.3	5.319	20	
64	5.3	5.333	20	
65	5.3	5.283	20	
66	5.3	5.416	20	
67	5.3	5.553	20	
68	5.3	5.552	20	
69	5.3	5.593	20	
70	5.3	5.612	20	
71	5.3	5.583	20	
72	5.3	5.388	20	
73	5.3	5.261	20	
74	5.3	5.277	20	
75	5.3	5.314	20	
76	5.3	5.694	20	
77	5.3	5.282	20	
78	5.3	5.498	20	
79	5.3	5.627	20	
80	5.3	5.717	20	
81	5.3	5.389	20	
82	5.3	5.641	20	
83	5.3	5.58	20	
84	5.3	5.309	20	*
85	5.3	5.693	20	
86	5.3	5.271	20	
87	5.3	5.382	20	
88	5.3	5.589	20	
89	5.3	5.377	20	
90	5.3	5.364	20	
91	5.3	5.39	20	
92	5.3	5.579	20	

93	5.3	5.437	20		
94	5.3	5.506	20		
95	5.3	5.441	20		
96	5.3	5.529	20		
97	5.3	5.34	20		
98	5.3	5.578	20		
99	5.3	5.546	20		
100	5.3	5.5	20		
Trail 6					
1	5.3	5.376	20		Yes
2	5.3	5.43	20		
3	5.3	5.286	20		
4	5.3	5.637	20		
5	5.3	5.499	20		
6	5.3	5.533	20		
7	5.3	5.425	20		
8	5.3	5.325	20		
9	5.3	5.274	20		
10	5.3	5.391	20		
11	5.3	5.371	20		
12	5.3	5.498	20		
13	5.3	5.611	20		
14	5.3	5.451	20		
15	5.3	5.7	20		
16	5.3	5.557	20		
17	5.3	5.403	20		
18	5.3	5.535	20		
19	5.3	5.489	20		
20	5.3	5.321	20		
21	5.3	5.574	20		
22	5.3	5.486	20		
23	5.3	5.526	20		
24	5.3	5.683	20		
25	5.3	5.706	20		
26	5.3	5.649	20		
27	5.3	5.661	20		
28	5.3	5.385	20		
29	5.3	5.389	20		
30	5.3	5.449	20		
31	5.3	5.358	20		
32	5.3	5.613	20		
33	5.3	5.351	20		
34	5.3	5.278	20		
35	5.3	5.515	20		
36	5.3	5.719	20		
37	5.3	5.571	20		
38	5.3	5.577	20		
39	5.3	5.357	20		
40	5.3	5.63	20		
41	5.3	5.666	20		
42	5.3	5.505	20		
43	5.3	5.494	20		
44	5.3	5.585	20		
45	5.3	5.261	20		
46	5.3	5.417	20		
47	5.3	5.324	20		

48	5.3	5.281	20			
49	5.3	5.591	20			
50	5.3	5.438	20			
51	5.3	5.713	20			
52	5.3	5.648	20			
53	5.3	5.524	20			
54	5.3	5.323	20			
55	5.3	5.406	20			
56	5.3	5.668	20			
57	5.3	5.479	20			
58	5.3	5.362	20			
59	5.3	5.41	20			
60	5.3	5.663	20			
61	5.3	5.304	20	*		
62	5.3	5.398	20			
63	5.3	5.308	20	*		
64	5.3	5.658	20			
65	5.3	5.416	20			
66	5.3	5.341	20			
67	5.3	5.488	20			
68	5.3	5.552	20			
69	5.3	5.568	20			
70	5.3	5.369	20			
71	5.3	5.514	20			
72	5.3	5.572	20			
73	5.3	5.52	20			
74	5.3	5.659	20			
75	5.3	5.301	20	*		
76	5.3	5.619	20			
77	5.3	5.464	20			
78	5.3	5.512	20			
79	5.3	5.696	20			
80	5.3	5.638	20			
81	5.3	5.485	20			
82	5.3	5.516	20			
83	5.3	5.607	20			
84	5.3	5.482	20			
85	5.3	5.653	20			
86	5.3	5.421	20			
87	5.3	5.71	20			
88	5.3	5.276	20			
89	5.3	5.545	20			
90	5.3	5.493	20			
91	5.3	5.562	20			
92	5.3	5.368	20			
93	5.3	5.313	20			
94	5.3	5.284	20			
95	5.3	5.49	20			
96	5.3	5.681	20			
97	5.3	5.675	20			
98	5.3	5.407	20			
99	5.3	5.632	20			
100	5.3	5.382	20			
Trail 7						Yes
1	5.3	5.651	20			
2	5.3	5.324	20			

3	5.3	5.599	20	
4	5.3	5.261	20	
5	5.3	5.267	20	
6	5.3	5.566	20	
7	5.3	5.289	20	
8	5.3	5.337	20	
9	5.3	5.391	20	
10	5.3	5.609	20	
11	5.3	5.567	20	
12	5.3	5.582	20	
13	5.3	5.642	20	
14	5.3	5.375	20	
15	5.3	5.426	20	
16	5.3	5.309	20	*
17	5.3	5.318	20	
18	5.3	5.409	20	
19	5.3	5.513	20	
20	5.3	5.266	20	
21	5.3	5.659	20	
22	5.3	5.274	20	
23	5.3	5.317	20	
24	5.3	5.27	20	
25	5.3	5.626	20	
26	5.3	5.315	20	
27	5.3	5.506	20	
28	5.3	5.256	20	
29	5.3	5.71	20	
30	5.3	5.481	20	
31	5.3	5.631	20	
32	5.3	5.26	20	
33	5.3	5.346	20	
34	5.3	5.325	20	
35	5.3	5.554	20	
36	5.3	5.425	20	
37	5.3	5.647	20	
38	5.3	5.271	20	
39	5.3	5.488	20	
40	5.3	5.528	20	
41	5.3	5.381	20	
42	5.3	5.514	20	
43	5.3	5.257	20	
44	5.3	5.684	20	
45	5.3	5.294	20	*
46	5.3	5.408	20	
47	5.3	5.469	20	
48	5.3	5.613	20	
49	5.3	5.494	20	
50	5.3	5.652	20	
51	5.3	5.442	20	
52	5.3	5.545	20	
53	5.3	5.715	20	
54	5.3	5.696	20	
55	5.3	5.487	20	
56	5.3	5.627	20	
57	5.3	5.704	20	
58	5.3	5.323	20	

59	5.3	5.671	20			
60	5.3	5.482	20			
61	5.3	5.478	20			
62	5.3	5.393	20			
63	5.3	5.707	20			
64	5.3	5.58	20			
65	5.3	5.563	20			
66	5.3	5.313	20			
67	5.3	5.703	20			
68	5.3	5.541	20			
69	5.3	5.475	20			
70	5.3	5.679	20			
71	5.3	5.343	20			
72	5.3	5.479	20			
73	5.3	5.397	20			
74	5.3	5.655	20			
75	5.3	5.388	20			
76	5.3	5.281	20			
77	5.3	5.714	20			
78	5.3	5.432	20			
79	5.3	5.334	20			
80	5.3	5.382	20			
81	5.3	5.711	20			
82	5.3	5.656	20			
83	5.3	5.549	20			
84	5.3	5.415	20			
85	5.3	5.48	20			
86	5.3	5.283	20			
87	5.3	5.555	20			
88	5.3	5.65	20			
89	5.3	5.354	20			
90	5.3	5.31	20	*		
91	5.3	5.327	20			
92	5.3	5.699	20			
93	5.3	5.414	20			
94	5.3	5.328	20			
95	5.3	5.664	20			
96	5.3	5.403	20			
97	5.3	5.326	20			
98	5.3	5.603	20			
99	5.3	5.507	20			
100	5.3	5.495	20			
Trail 8						
1	5.3	5.339	20			Yes
2	5.3	5.358	20			
3	5.3	5.649	20			
4	5.3	5.378	20			
5	5.3	5.313	20			
6	5.3	5.551	20			
7	5.3	5.4	20			
8	5.3	5.341	20			
9	5.3	5.5	20			
10	5.3	5.62	20			
11	5.3	5.474	20			
12	5.3	5.545	20			
13	5.3	5.381	20			

14	5.3	5.255	20	
15	5.3	5.609	20	
16	5.3	5.614	20	
17	5.3	5.663	20	
18	5.3	5.607	20	
19	5.3	5.577	20	
20	5.3	5.332	20	
21	5.3	5.44	20	
22	5.3	5.72	20	
23	5.3	5.718	20	
24	5.3	5.316	20	
25	5.3	5.675	20	
26	5.3	5.628	20	
27	5.3	5.326	20	
28	5.3	5.495	20	
29	5.3	5.548	20	
30	5.3	5.452	20	
31	5.3	5.669	20	
32	5.3	5.37	20	
33	5.3	5.309	20	*
34	5.3	5.277	20	
35	5.3	5.374	20	
36	5.3	5.365	20	
37	5.3	5.278	20	
38	5.3	5.45	20	
39	5.3	5.285	20	
40	5.3	5.487	20	
41	5.3	5.583	20	
42	5.3	5.472	20	
43	5.3	5.273	20	
44	5.3	5.355	20	
45	5.3	5.512	20	
46	5.3	5.25	20	
47	5.3	5.505	20	
48	5.3	5.482	20	
49	5.3	5.327	20	
50	5.3	5.507	20	
51	5.3	5.252	20	
52	5.3	5.288	20	
53	5.3	5.521	20	
54	5.3	5.284	20	
55	5.3	5.351	20	
56	5.3	5.279	20	
57	5.3	5.687	20	
58	5.3	5.419	20	
59	5.3	5.384	20	
60	5.3	5.46	20	
61	5.3	5.672	20	
62	5.3	5.7	20	
63	5.3	5.55	20	
64	5.3	5.621	20	
65	5.3	5.659	20	
66	5.3	5.563	20	
67	5.3	5.353	20	
68	5.3	5.477	20	
69	5.3	5.568	20	

70	5.3	5.671	20		
71	5.3	5.59	20		
72	5.3	5.662	20		
73	5.3	5.27	20		
74	5.3	5.608	20		
75	5.3	5.653	20		
76	5.3	5.42	20		
77	5.3	5.32	20		
78	5.3	5.345	20		
79	5.3	5.528	20		
80	5.3	5.554	20		
81	5.3	5.367	20		
82	5.3	5.677	20		
83	5.3	5.716	20		
84	5.3	5.301	20	*	
85	5.3	5.382	20		
86	5.3	5.522	20		
87	5.3	5.276	20		
88	5.3	5.64	20		
89	5.3	5.411	20		
90	5.3	5.597	20		
91	5.3	5.696	20		
92	5.3	5.617	20		
93	5.3	5.655	20		
94	5.3	5.633	20		
95	5.3	5.656	20		
96	5.3	5.29	20	*	
97	5.3	5.575	20		
98	5.3	5.349	20		
99	5.3	5.395	20		
100	5.3	5.49	20		
Trail 9					
1	5.3	5.401	20		Yes
2	5.3	5.722	20		
3	5.3	5.262	20		
4	5.3	5.676	20		
5	5.3	5.686	20		
6	5.3	5.331	20		
7	5.3	5.26	20		
8	5.3	5.365	20		
9	5.3	5.382	20		
10	5.3	5.486	20		
11	5.3	5.612	20		
12	5.3	5.467	20		
13	5.3	5.527	20		
14	5.3	5.371	20		
15	5.3	5.713	20		
16	5.3	5.275	20		
17	5.3	5.375	20		
18	5.3	5.638	20		
19	5.3	5.72	20		
20	5.3	5.608	20		
21	5.3	5.332	20		
22	5.3	5.632	20		
23	5.3	5.284	20		
24	5.3	5.453	20		

25	5.3	5.548	20	
26	5.3	5.28	20	
27	5.3	5.543	20	
28	5.3	5.544	20	
29	5.3	5.391	20	
30	5.3	5.306	20	*
31	5.3	5.654	20	
32	5.3	5.364	20	
33	5.3	5.561	20	
34	5.3	5.537	20	
35	5.3	5.289	20	
36	5.3	5.64	20	
37	5.3	5.473	20	
38	5.3	5.515	20	
39	5.3	5.695	20	
40	5.3	5.372	20	
41	5.3	5.456	20	
42	5.3	5.337	20	
43	5.3	5.667	20	
44	5.3	5.512	20	
45	5.3	5.495	20	
46	5.3	5.507	20	
47	5.3	5.642	20	
48	5.3	5.692	20	
49	5.3	5.56	20	
50	5.3	5.49	20	
51	5.3	5.33	20	
52	5.3	5.272	20	
53	5.3	5.354	20	
54	5.3	5.683	20	
55	5.3	5.409	20	
56	5.3	5.664	20	
57	5.3	5.466	20	
58	5.3	5.584	20	
59	5.3	5.47	20	
60	5.3	5.525	20	
61	5.3	5.474	20	
62	5.3	5.591	20	
63	5.3	5.524	20	
64	5.3	5.587	20	
65	5.3	5.685	20	
66	5.3	5.444	20	
67	5.3	5.39	20	
68	5.3	5.509	20	
69	5.3	5.428	20	
70	5.3	5.326	20	
71	5.3	5.681	20	
72	5.3	5.37	20	
73	5.3	5.716	20	
74	5.3	5.361	20	
75	5.3	5.358	20	
76	5.3	5.352	20	
77	5.3	5.394	20	
78	5.3	5.597	20	
79	5.3	5.321	20	
80	5.3	5.439	20	

81	5.3	5.701	20		
82	5.3	5.523	20		
83	5.3	5.583	20		
84	5.3	5.627	20		
85	5.3	5.673	20		
86	5.3	5.517	20		
87	5.3	5.705	20		
88	5.3	5.547	20		
89	5.3	5.424	20		
90	5.3	5.5	20		
91	5.3	5.261	20		
92	5.3	5.616	20		
93	5.3	5.656	20		
94	5.3	5.356	20		
95	5.3	5.427	20		
96	5.3	5.302	20	*	
97	5.3	5.655	20		
98	5.3	5.708	20		
99	5.3	5.618	20		
100	5.3	5.615	20		
Trail 10					
1	5.3	5.673	20		Yes
2	5.3	5.72	20		
3	5.3	5.255	20		
4	5.3	5.343	20		
5	5.3	5.415	20		
6	5.3	5.657	20		
7	5.3	5.278	20		
8	5.3	5.3	20	*	
9	5.3	5.472	20		
10	5.3	5.614	20		
11	5.3	5.506	20		
12	5.3	5.636	20		
13	5.3	5.435	20		
14	5.3	5.679	20		
15	5.3	5.594	20		
16	5.3	5.417	20		
17	5.3	5.337	20		
18	5.3	5.666	20		
19	5.3	5.444	20		
20	5.3	5.468	20		
21	5.3	5.696	20		
22	5.3	5.368	20		
23	5.3	5.414	20		
24	5.3	5.625	20		
25	5.3	5.411	20		
26	5.3	5.264	20		
27	5.3	5.675	20		
28	5.3	5.465	20		
29	5.3	5.374	20		
30	5.3	5.575	20		
31	5.3	5.495	20		
32	5.3	5.438	20		
33	5.3	5.671	20		
34	5.3	5.677	20		
35	5.3	5.504	20		

36	5.3	5.287	20	
37	5.3	5.64	20	
38	5.3	5.295	20	*
39	5.3	5.316	20	
40	5.3	5.53	20	
41	5.3	5.715	20	
42	5.3	5.448	20	
43	5.3	5.507	20	
44	5.3	5.369	20	
45	5.3	5.542	20	
46	5.3	5.559	20	
47	5.3	5.27	20	
48	5.3	5.665	20	
49	5.3	5.552	20	
50	5.3	5.346	20	
51	5.3	5.709	20	
52	5.3	5.28	20	
53	5.3	5.491	20	
54	5.3	5.36	20	
55	5.3	5.387	20	
56	5.3	5.633	20	
57	5.3	5.271	20	
58	5.3	5.61	20	
59	5.3	5.401	20	
60	5.3	5.632	20	
61	5.3	5.266	20	
62	5.3	5.383	20	
63	5.3	5.44	20	
64	5.3	5.545	20	
65	5.3	5.407	20	
66	5.3	5.585	20	
67	5.3	5.426	20	
68	5.3	5.605	20	
69	5.3	5.611	20	
70	5.3	5.327	20	
71	5.3	5.373	20	
72	5.3	5.664	20	
73	5.3	5.52	20	
74	5.3	5.561	20	
75	5.3	5.421	20	
76	5.3	5.48	20	
77	5.3	5.617	20	
78	5.3	5.667	20	
79	5.3	5.501	20	
80	5.3	5.462	20	
81	5.3	5.317	20	
82	5.3	5.704	20	
83	5.3	5.365	20	
84	5.3	5.562	20	
85	5.3	5.256	20	
86	5.3	5.297	20	*
87	5.3	5.503	20	
88	5.3	5.607	20	
89	5.3	5.713	20	
90	5.3	5.382	20	
91	5.3	5.718	20	

92	5.3	5.662	20		
93	5.3	5.719	20		
94	5.3	5.322	20		
95	5.3	5.557	20		
96	5.3	5.651	20		
97	5.3	5.564	20		
98	5.3	5.593	20		
99	5.3	5.572	20		
100	5.3	5.707	20		
Trail 11					
1	5.3	5.485	20		Yes
2	5.3	5.273	20		
3	5.3	5.465	20		
4	5.3	5.445	20		
5	5.3	5.501	20		
6	5.3	5.406	20		
7	5.3	5.523	20		
8	5.3	5.293	20	*	
9	5.3	5.307	20	*	
10	5.3	5.554	20		
11	5.3	5.531	20		
12	5.3	5.455	20		
13	5.3	5.508	20		
14	5.3	5.723	20		
15	5.3	5.694	20		
16	5.3	5.496	20		
17	5.3	5.556	20		
18	5.3	5.705	20		
19	5.3	5.494	20		
20	5.3	5.332	20		
21	5.3	5.45	20		
22	5.3	5.603	20		
23	5.3	5.703	20		
24	5.3	5.451	20		
25	5.3	5.444	20		
26	5.3	5.436	20		
27	5.3	5.683	20		
28	5.3	5.69	20		
29	5.3	5.441	20		
30	5.3	5.691	20		
31	5.3	5.306	20	*	
32	5.3	5.419	20		
33	5.3	5.314	20		
34	5.3	5.503	20		
35	5.3	5.487	20		
36	5.3	5.533	20		
37	5.3	5.311	20		
38	5.3	5.329	20		
39	5.3	5.493	20		
40	5.3	5.712	20		
41	5.3	5.693	20		
42	5.3	5.379	20		
43	5.3	5.43	20		
44	5.3	5.368	20		
45	5.3	5.562	20		
46	5.3	5.259	20		

47	5.3	5.605	20		
48	5.3	5.463	20		
49	5.3	5.57	20		
50	5.3	5.277	20		
51	5.3	5.631	20		
52	5.3	5.276	20		
53	5.3	5.358	20		
54	5.3	5.309	20	*	
55	5.3	5.294	20	*	
56	5.3	5.438	20		
57	5.3	5.593	20		
58	5.3	5.633	20		
59	5.3	5.621	20		
60	5.3	5.668	20		
61	5.3	5.346	20		
62	5.3	5.613	20		
63	5.3	5.333	20		
64	5.3	5.614	20		
65	5.3	5.297	20	*	
66	5.3	5.278	20		
67	5.3	5.561	20		
68	5.3	5.252	20		
69	5.3	5.457	20		
70	5.3	5.681	20		
71	5.3	5.624	20		
72	5.3	5.376	20		
73	5.3	5.502	20		
74	5.3	5.696	20		
75	5.3	5.429	20		
76	5.3	5.431	20		
77	5.3	5.686	20		
78	5.3	5.714	20		
79	5.3	5.677	20		
80	5.3	5.701	20		
81	5.3	5.383	20		
82	5.3	5.279	20		
83	5.3	5.587	20		
84	5.3	5.569	20		
85	5.3	5.489	20		
86	5.3	5.707	20		
87	5.3	5.29	20	*	
88	5.3	5.459	20		
89	5.3	5.55	20		
90	5.3	5.54	20		
91	5.3	5.338	20		
92	5.3	5.692	20		
93	5.3	5.632	20		
94	5.3	5.505	20		
95	5.3	5.471	20		
96	5.3	5.34	20		
97	5.3	5.67	20		
98	5.3	5.63	20		
99	5.3	5.529	20		
100	5.3	5.678	20		
Trail 12					
1	5.3	5.54	20		Yes

2	5.3	5.495	20	
3	5.3	5.437	20	
4	5.3	5.336	20	
5	5.3	5.375	20	
6	5.3	5.507	20	
7	5.3	5.315	20	
8	5.3	5.529	20	
9	5.3	5.385	20	
10	5.3	5.458	20	
11	5.3	5.441	20	
12	5.3	5.316	20	
13	5.3	5.585	20	
14	5.3	5.581	20	
15	5.3	5.313	20	
16	5.3	5.5	20	
17	5.3	5.33	20	
18	5.3	5.687	20	
19	5.3	5.372	20	
20	5.3	5.654	20	
21	5.3	5.72	20	
22	5.3	5.424	20	
23	5.3	5.426	20	
24	5.3	5.317	20	
25	5.3	5.576	20	
26	5.3	5.682	20	
27	5.3	5.282	20	
28	5.3	5.435	20	
29	5.3	5.332	20	
30	5.3	5.347	20	
31	5.3	5.392	20	
32	5.3	5.3	20	*
33	5.3	5.376	20	
34	5.3	5.663	20	
35	5.3	5.32	20	
36	5.3	5.269	20	
37	5.3	5.306	20	*
38	5.3	5.615	20	
39	5.3	5.502	20	
40	5.3	5.669	20	
41	5.3	5.591	20	
42	5.3	5.563	20	
43	5.3	5.37	20	
44	5.3	5.366	20	
45	5.3	5.323	20	
46	5.3	5.423	20	
47	5.3	5.609	20	
48	5.3	5.675	20	
49	5.3	5.652	20	
50	5.3	5.618	20	
51	5.3	5.307	20	*
52	5.3	5.454	20	
53	5.3	5.492	20	
54	5.3	5.262	20	
55	5.3	5.577	20	
56	5.3	5.588	20	
57	5.3	5.6	20	

58	5.3	5.318	20			
59	5.3	5.28	20			
60	5.3	5.368	20			
61	5.3	5.349	20			
62	5.3	5.381	20			
63	5.3	5.596	20			
64	5.3	5.259	20			
65	5.3	5.308	20	*		
66	5.3	5.612	20			
67	5.3	5.642	20			
68	5.3	5.257	20			
69	5.3	5.636	20			
70	5.3	5.482	20			
71	5.3	5.465	20			
72	5.3	5.696	20			
73	5.3	5.305	20	*		
74	5.3	5.572	20			
75	5.3	5.358	20			
76	5.3	5.707	20			
77	5.3	5.693	20			
78	5.3	5.414	20			
79	5.3	5.648	20			
80	5.3	5.288	20			
81	5.3	5.686	20			
82	5.3	5.298	20	*		
83	5.3	5.662	20			
84	5.3	5.646	20			
85	5.3	5.438	20			
86	5.3	5.434	20			
87	5.3	5.395	20			
88	5.3	5.456	20			
89	5.3	5.439	20			
90	5.3	5.254	20			
91	5.3	5.525	20			
92	5.3	5.694	20			
93	5.3	5.411	20			
94	5.3	5.561	20			
95	5.3	5.296	20	*		
96	5.3	5.568	20			
97	5.3	5.403	20			
98	5.3	5.649	20			
99	5.3	5.342	20			
100	5.3	5.59	20			
Trail 13						
1	5.3	5.621	20			Yes
2	5.3	5.378	20			
3	5.3	5.65	20			
4	5.3	5.441	20			
5	5.3	5.693	20			
6	5.3	5.41	20			
7	5.3	5.583	20			
8	5.3	5.323	20			
9	5.3	5.472	20			
10	5.3	5.656	20			
11	5.3	5.701	20			
12	5.3	5.651	20			

13	5.3	5.68	20	
14	5.3	5.596	20	
15	5.3	5.287	20	
16	5.3	5.365	20	
17	5.3	5.536	20	
18	5.3	5.598	20	
19	5.3	5.334	20	
20	5.3	5.547	20	
21	5.3	5.364	20	
22	5.3	5.625	20	
23	5.3	5.615	20	
24	5.3	5.395	20	
25	5.3	5.355	20	
26	5.3	5.648	20	
27	5.3	5.402	20	
28	5.3	5.349	20	
29	5.3	5.515	20	
30	5.3	5.448	20	
31	5.3	5.329	20	
32	5.3	5.567	20	
33	5.3	5.5	20	
34	5.3	5.639	20	
35	5.3	5.714	20	
36	5.3	5.331	20	
37	5.3	5.668	20	
38	5.3	5.464	20	
39	5.3	5.301	20	*
40	5.3	5.672	20	
41	5.3	5.461	20	
42	5.3	5.724	20	
43	5.3	5.31	20	*
44	5.3	5.298	20	*
45	5.3	5.652	20	
46	5.3	5.649	20	
47	5.3	5.629	20	
48	5.3	5.655	20	
49	5.3	5.717	20	
50	5.3	5.494	20	
51	5.3	5.465	20	
52	5.3	5.509	20	
53	5.3	5.627	20	
54	5.3	5.486	20	
55	5.3	5.595	20	
56	5.3	5.703	20	
57	5.3	5.434	20	
58	5.3	5.313	20	
59	5.3	5.61	20	
60	5.3	5.542	20	
61	5.3	5.475	20	
62	5.3	5.338	20	
63	5.3	5.379	20	
64	5.3	5.453	20	
65	5.3	5.493	20	
66	5.3	5.502	20	
67	5.3	5.499	20	
68	5.3	5.498	20	

69	5.3	5.259	20		
70	5.3	5.72	20		
71	5.3	5.577	20		
72	5.3	5.555	20		
73	5.3	5.688	20		
74	5.3	5.682	20		
75	5.3	5.424	20		
76	5.3	5.594	20		
77	5.3	5.467	20		
78	5.3	5.58	20		
79	5.3	5.489	20		
80	5.3	5.369	20		
81	5.3	5.6	20		
82	5.3	5.254	20		
83	5.3	5.481	20		
84	5.3	5.456	20		
85	5.3	5.552	20		
86	5.3	5.423	20		
87	5.3	5.614	20		
88	5.3	5.317	20		
89	5.3	5.626	20		
90	5.3	5.676	20		
91	5.3	5.531	20		
92	5.3	5.427	20		
93	5.3	5.353	20		
94	5.3	5.392	20		
95	5.3	5.659	20		
96	5.3	5.386	20		
97	5.3	5.307	20	*	
98	5.3	5.478	20		
99	5.3	5.56	20		
100	5.3	5.291	20	*	
Trail 14					
1	5.3	5.418	20		Yes
2	5.3	5.369	20		
3	5.3	5.655	20		
4	5.3	5.305	20	*	
5	5.3	5.295	20	*	
6	5.3	5.277	20		
7	5.3	5.404	20		
8	5.3	5.654	20		
9	5.3	5.468	20		
10	5.3	5.677	20		
11	5.3	5.455	20		
12	5.3	5.694	20		
13	5.3	5.461	20		
14	5.3	5.573	20		
15	5.3	5.688	20		
16	5.3	5.352	20		
17	5.3	5.553	20		
18	5.3	5.592	20		
19	5.3	5.511	20		
20	5.3	5.656	20		
21	5.3	5.706	20		
22	5.3	5.529	20		
23	5.3	5.267	20		

24	5.3	5.296	20	*
25	5.3	5.449	20	
26	5.3	5.354	20	
27	5.3	5.55	20	
28	5.3	5.268	20	
29	5.3	5.641	20	
30	5.3	5.542	20	
31	5.3	5.579	20	
32	5.3	5.494	20	
33	5.3	5.374	20	
34	5.3	5.253	20	
35	5.3	5.258	20	
36	5.3	5.527	20	
37	5.3	5.712	20	
38	5.3	5.705	20	
39	5.3	5.709	20	
40	5.3	5.646	20	
41	5.3	5.289	20	
42	5.3	5.695	20	
43	5.3	5.326	20	
44	5.3	5.678	20	
45	5.3	5.714	20	
46	5.3	5.351	20	
47	5.3	5.469	20	
48	5.3	5.355	20	
49	5.3	5.419	20	
50	5.3	5.475	20	
51	5.3	5.413	20	
52	5.3	5.612	20	
53	5.3	5.564	20	
54	5.3	5.379	20	
55	5.3	5.322	20	
56	5.3	5.668	20	
57	5.3	5.279	20	
58	5.3	5.658	20	
59	5.3	5.493	20	
60	5.3	5.47	20	
61	5.3	5.584	20	
62	5.3	5.361	20	
63	5.3	5.409	20	
64	5.3	5.357	20	
65	5.3	5.264	20	
66	5.3	5.364	20	
67	5.3	5.327	20	
68	5.3	5.517	20	
69	5.3	5.311	20	
70	5.3	5.607	20	
71	5.3	5.319	20	
72	5.3	5.35	20	
73	5.3	5.395	20	
74	5.3	5.298	20	*
75	5.3	5.337	20	
76	5.3	5.611	20	
77	5.3	5.541	20	
78	5.3	5.422	20	
79	5.3	5.285	20	

80	5.3	5.523	20		
81	5.3	5.281	20		
82	5.3	5.312	20		
83	5.3	5.578	20		
84	5.3	5.62	20		
85	5.3	5.642	20		
86	5.3	5.332	20		
87	5.3	5.538	20		
88	5.3	5.271	20		
89	5.3	5.266	20		
90	5.3	5.463	20		
91	5.3	5.6	20		
92	5.3	5.637	20		
93	5.3	5.496	20		
94	5.3	5.454	20		
95	5.3	5.359	20		
96	5.3	5.436	20		
97	5.3	5.551	20		
98	5.3	5.306	20	*	
99	5.3	5.397	20		
100	5.3	5.414	20		
Trail 15					
1	5.3	5.552	20		Yes
2	5.3	5.275	20		
3	5.3	5.43	20		
4	5.3	5.497	20		
5	5.3	5.444	20		
6	5.3	5.595	20		
7	5.3	5.433	20		
8	5.3	5.455	20		
9	5.3	5.494	20		
10	5.3	5.399	20		
11	5.3	5.574	20		
12	5.3	5.582	20		
13	5.3	5.366	20		
14	5.3	5.377	20		
15	5.3	5.5	20		
16	5.3	5.701	20		
17	5.3	5.394	20		
18	5.3	5.324	20		
19	5.3	5.608	20		
20	5.3	5.549	20		
21	5.3	5.659	20		
22	5.3	5.447	20		
23	5.3	5.604	20		
24	5.3	5.601	20		
25	5.3	5.539	20		
26	5.3	5.649	20		
27	5.3	5.318	20		
28	5.3	5.481	20		
29	5.3	5.626	20		
30	5.3	5.475	20		
31	5.3	5.271	20		
32	5.3	5.342	20		
33	5.3	5.568	20		
34	5.3	5.588	20		

35	5.3	5.519	20	
36	5.3	5.629	20	
37	5.3	5.489	20	
38	5.3	5.323	20	
39	5.3	5.416	20	
40	5.3	5.484	20	
41	5.3	5.583	20	
42	5.3	5.575	20	
43	5.3	5.389	20	
44	5.3	5.393	20	
45	5.3	5.341	20	
46	5.3	5.339	20	
47	5.3	5.551	20	
48	5.3	5.374	20	
49	5.3	5.492	20	
50	5.3	5.499	20	
51	5.3	5.396	20	
52	5.3	5.562	20	
53	5.3	5.547	20	
54	5.3	5.404	20	
55	5.3	5.255	20	
56	5.3	5.472	20	
57	5.3	5.41	20	
58	5.3	5.548	20	
59	5.3	5.468	20	
60	5.3	5.456	20	
61	5.3	5.434	20	
62	5.3	5.59	20	
63	5.3	5.507	20	
64	5.3	5.638	20	
65	5.3	5.668	20	
66	5.3	5.402	20	
67	5.3	5.466	20	
68	5.3	5.586	20	
69	5.3	5.54	20	
70	5.3	5.262	20	
71	5.3	5.515	20	
72	5.3	5.713	20	
73	5.3	5.528	20	
74	5.3	5.252	20	
75	5.3	5.425	20	
76	5.3	5.553	20	
77	5.3	5.483	20	
78	5.3	5.351	20	
79	5.3	5.291	20	*
80	5.3	5.473	20	
81	5.3	5.591	20	
82	5.3	5.692	20	
83	5.3	5.361	20	
84	5.3	5.328	20	
85	5.3	5.266	20	
86	5.3	5.661	20	
87	5.3	5.427	20	
88	5.3	5.514	20	
89	5.3	5.513	20	
90	5.3	5.463	20	

91	5.3	5.429	20		
92	5.3	5.627	20		
93	5.3	5.36	20		
94	5.3	5.71	20		
95	5.3	5.63	20		
96	5.3	5.462	20		
97	5.3	5.637	20		
98	5.3	5.606	20		
99	5.3	5.561	20		
100	5.3	5.708	20		
Trail 16					
1	5.3	5.648	20		Yes
2	5.3	5.427	20		
3	5.3	5.488	20		
4	5.3	5.507	20		
5	5.3	5.397	20		
6	5.3	5.568	20		
7	5.3	5.698	20		
8	5.3	5.629	20		
9	5.3	5.583	20		
10	5.3	5.691	20		
11	5.3	5.261	20		
12	5.3	5.385	20		
13	5.3	5.323	20		
14	5.3	5.67	20		
15	5.3	5.708	20		
16	5.3	5.615	20		
17	5.3	5.666	20		
18	5.3	5.475	20		
19	5.3	5.625	20		
20	5.3	5.563	20		
21	5.3	5.278	20		
22	5.3	5.578	20		
23	5.3	5.719	20		
24	5.3	5.479	20		
25	5.3	5.646	20		
26	5.3	5.558	20		
27	5.3	5.436	20		
28	5.3	5.25	20		
29	5.3	5.7	20		
30	5.3	5.552	20		
31	5.3	5.643	20		
32	5.3	5.424	20		
33	5.3	5.363	20		
34	5.3	5.707	20		
35	5.3	5.503	20		
36	5.3	5.344	20		
37	5.3	5.431	20		
38	5.3	5.713	20		
39	5.3	5.465	20		
40	5.3	5.635	20		
41	5.3	5.325	20		
42	5.3	5.276	20		
43	5.3	5.677	20		
44	5.3	5.42	20		
45	5.3	5.529	20		

46	5.3	5.294	20	*
47	5.3	5.37	20	
48	5.3	5.61	20	
49	5.3	5.485	20	
50	5.3	5.702	20	
51	5.3	5.724	20	
52	5.3	5.564	20	
53	5.3	5.678	20	
54	5.3	5.688	20	
55	5.3	5.544	20	
56	5.3	5.505	20	
57	5.3	5.582	20	
58	5.3	5.506	20	
59	5.3	5.472	20	
60	5.3	5.637	20	
61	5.3	5.288	20	
62	5.3	5.607	20	
63	5.3	5.377	20	
64	5.3	5.498	20	
65	5.3	5.417	20	
66	5.3	5.717	20	
67	5.3	5.574	20	
68	5.3	5.588	20	
69	5.3	5.499	20	
70	5.3	5.455	20	
71	5.3	5.322	20	
72	5.3	5.631	20	
73	5.3	5.473	20	
74	5.3	5.29	20	*
75	5.3	5.689	20	
76	5.3	5.396	20	
77	5.3	5.683	20	
78	5.3	5.327	20	
79	5.3	5.339	20	
80	5.3	5.393	20	
81	5.3	5.252	20	
82	5.3	5.285	20	
83	5.3	5.699	20	
84	5.3	5.627	20	
85	5.3	5.426	20	
86	5.3	5.549	20	
87	5.3	5.628	20	
88	5.3	5.329	20	
89	5.3	5.453	20	
90	5.3	5.446	20	
91	5.3	5.481	20	
92	5.3	5.259	20	
93	5.3	5.57	20	
94	5.3	5.567	20	
95	5.3	5.362	20	
96	5.3	5.356	20	
97	5.3	5.445	20	
98	5.3	5.395	20	
99	5.3	5.388	20	
100	5.3	5.6	20	
Trail 17				

1	5.3	5.311	20		Yes
2	5.3	5.414	20		
3	5.3	5.601	20		
4	5.3	5.314	20		
5	5.3	5.356	20		
6	5.3	5.319	20		
7	5.3	5.511	20		
8	5.3	5.654	20		
9	5.3	5.569	20		
10	5.3	5.493	20		
11	5.3	5.69	20		
12	5.3	5.323	20		
13	5.3	5.643	20		
14	5.3	5.54	20		
15	5.3	5.397	20		
16	5.3	5.389	20		
17	5.3	5.711	20		
18	5.3	5.299	20	*	
19	5.3	5.517	20		
20	5.3	5.507	20		
21	5.3	5.467	20		
22	5.3	5.55	20		
23	5.3	5.518	20		
24	5.3	5.372	20		
25	5.3	5.455	20		
26	5.3	5.433	20		
27	5.3	5.591	20		
28	5.3	5.521	20		
29	5.3	5.632	20		
30	5.3	5.514	20		
31	5.3	5.573	20		
32	5.3	5.715	20		
33	5.3	5.556	20		
34	5.3	5.396	20		
35	5.3	5.486	20		
36	5.3	5.551	20		
37	5.3	5.351	20		
38	5.3	5.539	20		
39	5.3	5.64	20		
40	5.3	5.473	20		
41	5.3	5.655	20		
42	5.3	5.35	20		
43	5.3	5.293	20	*	
44	5.3	5.497	20		
45	5.3	5.301	20	*	
46	5.3	5.5	20		
47	5.3	5.302	20	*	
48	5.3	5.65	20		
49	5.3	5.386	20		
50	5.3	5.366	20		
51	5.3	5.332	20		
52	5.3	5.586	20		
53	5.3	5.602	20		
54	5.3	5.577	20		
55	5.3	5.451	20		
56	5.3	5.673	20		

57	5.3	5.34	20			
58	5.3	5.531	20			
59	5.3	5.537	20			
60	5.3	5.398	20			
61	5.3	5.367	20			
62	5.3	5.502	20			
63	5.3	5.623	20			
64	5.3	5.613	20			
65	5.3	5.585	20			
66	5.3	5.622	20			
67	5.3	5.362	20			
68	5.3	5.631	20			
69	5.3	5.25	20			
70	5.3	5.489	20			
71	5.3	5.466	20			
72	5.3	5.495	20			
73	5.3	5.468	20			
74	5.3	5.574	20			
75	5.3	5.3	20	*		
76	5.3	5.656	20			
77	5.3	5.571	20			
78	5.3	5.564	20			
79	5.3	5.259	20			
80	5.3	5.686	20			
81	5.3	5.533	20			
82	5.3	5.438	20			
83	5.3	5.408	20			
84	5.3	5.584	20			
85	5.3	5.439	20			
86	5.3	5.658	20			
87	5.3	5.269	20			
88	5.3	5.291	20	*		
89	5.3	5.636	20			
90	5.3	5.443	20			
91	5.3	5.527	20			
92	5.3	5.508	20			
93	5.3	5.559	20			
94	5.3	5.275	20			
95	5.3	5.51	20			
96	5.3	5.477	20			
97	5.3	5.298	20	*		
98	5.3	5.334	20			
99	5.3	5.337	20			
100	5.3	5.442	20			
Trail 18						Yes
1	5.3	5.652	20			
2	5.3	5.456	20			
3	5.3	5.296	20	*		
4	5.3	5.4	20			
5	5.3	5.463	20			
6	5.3	5.625	20			
7	5.3	5.653	20			
8	5.3	5.34	20			
9	5.3	5.325	20			
10	5.3	5.678	20			
11	5.3	5.619	20			

12	5.3	5.3	20	*
13	5.3	5.254	20	
14	5.3	5.297	20	*
15	5.3	5.253	20	
16	5.3	5.667	20	
17	5.3	5.555	20	
18	5.3	5.641	20	
19	5.3	5.565	20	
20	5.3	5.479	20	
21	5.3	5.54	20	
22	5.3	5.344	20	
23	5.3	5.689	20	
24	5.3	5.681	20	
25	5.3	5.265	20	
26	5.3	5.662	20	
27	5.3	5.413	20	
28	5.3	5.601	20	
29	5.3	5.541	20	
30	5.3	5.362	20	
31	5.3	5.498	20	
32	5.3	5.647	20	
33	5.3	5.314	20	
34	5.3	5.679	20	
35	5.3	5.367	20	
36	5.3	5.393	20	
37	5.3	5.375	20	
38	5.3	5.327	20	
39	5.3	5.312	20	
40	5.3	5.305	20	*
41	5.3	5.397	20	
42	5.3	5.329	20	
43	5.3	5.673	20	
44	5.3	5.286	20	
45	5.3	5.304	20	*
46	5.3	5.701	20	
47	5.3	5.516	20	
48	5.3	5.366	20	
49	5.3	5.712	20	
50	5.3	5.373	20	
51	5.3	5.562	20	
52	5.3	5.593	20	
53	5.3	5.485	20	
54	5.3	5.499	20	
55	5.3	5.321	20	
56	5.3	5.337	20	
57	5.3	5.404	20	
58	5.3	5.637	20	
59	5.3	5.57	20	
60	5.3	5.41	20	
61	5.3	5.255	20	
62	5.3	5.579	20	
63	5.3	5.603	20	
64	5.3	5.391	20	
65	5.3	5.595	20	
66	5.3	5.695	20	
67	5.3	5.334	20	

68	5.3	5.489	20		
69	5.3	5.53	20		
70	5.3	5.716	20		
71	5.3	5.703	20		
72	5.3	5.387	20		
73	5.3	5.71	20		
74	5.3	5.276	20		
75	5.3	5.643	20		
76	5.3	5.582	20		
77	5.3	5.624	20		
78	5.3	5.332	20		
79	5.3	5.31	20	*	
80	5.3	5.39	20		
81	5.3	5.66	20		
82	5.3	5.682	20		
83	5.3	5.665	20		
84	5.3	5.588	20		
85	5.3	5.424	20		
86	5.3	5.287	20		
87	5.3	5.466	20		
88	5.3	5.29	20	*	
89	5.3	5.632	20		
90	5.3	5.298	20	*	
91	5.3	5.27	20		
92	5.3	5.611	20		
93	5.3	5.724	20		
94	5.3	5.719	20		
95	5.3	5.589	20		
96	5.3	5.539	20		
97	5.3	5.452	20		
98	5.3	5.483	20		
99	5.3	5.613	20		
100	5.3	5.488	20		
Trail 19					
1	5.3	5.556	20		Yes
2	5.3	5.516	20		
3	5.3	5.464	20		
4	5.3	5.35	20		
5	5.3	5.482	20		
6	5.3	5.415	20		
7	5.3	5.296	20	*	
8	5.3	5.375	20		
9	5.3	5.658	20		
10	5.3	5.521	20		
11	5.3	5.679	20		
12	5.3	5.53	20		
13	5.3	5.659	20		
14	5.3	5.315	20		
15	5.3	5.553	20		
16	5.3	5.525	20		
17	5.3	5.544	20		
18	5.3	5.503	20		
19	5.3	5.69	20		
20	5.3	5.625	20		
21	5.3	5.675	20		
22	5.3	5.606	20		

23	5.3	5.688	20	
24	5.3	5.603	20	
25	5.3	5.435	20	
26	5.3	5.267	20	
27	5.3	5.367	20	
28	5.3	5.531	20	
29	5.3	5.551	20	
30	5.3	5.412	20	
31	5.3	5.473	20	
32	5.3	5.674	20	
33	5.3	5.716	20	
34	5.3	5.583	20	
35	5.3	5.255	20	
36	5.3	5.705	20	
37	5.3	5.402	20	
38	5.3	5.7	20	
39	5.3	5.587	20	
40	5.3	5.386	20	
41	5.3	5.577	20	
42	5.3	5.55	20	
43	5.3	5.392	20	
44	5.3	5.442	20	
45	5.3	5.572	20	
46	5.3	5.522	20	
47	5.3	5.426	20	
48	5.3	5.569	20	
49	5.3	5.564	20	
50	5.3	5.448	20	
51	5.3	5.549	20	
52	5.3	5.306	20	*
53	5.3	5.463	20	
54	5.3	5.365	20	
55	5.3	5.254	20	
56	5.3	5.59	20	
57	5.3	5.651	20	
58	5.3	5.722	20	
59	5.3	5.552	20	
60	5.3	5.602	20	
61	5.3	5.488	20	
62	5.3	5.631	20	
63	5.3	5.696	20	
64	5.3	5.305	20	*
65	5.3	5.312	20	
66	5.3	5.649	20	
67	5.3	5.681	20	
68	5.3	5.594	20	
69	5.3	5.275	20	
70	5.3	5.589	20	
71	5.3	5.641	20	
72	5.3	5.447	20	
73	5.3	5.34	20	
74	5.3	5.476	20	
75	5.3	5.388	20	
76	5.3	5.475	20	
77	5.3	5.494	20	
78	5.3	5.379	20	

79	5.3	5.614	20		
80	5.3	5.311	20		
81	5.3	5.546	20		
82	5.3	5.458	20		
83	5.3	5.519	20		
84	5.3	5.337	20		
85	5.3	5.44	20		
86	5.3	5.529	20		
87	5.3	5.617	20		
88	5.3	5.351	20		
89	5.3	5.593	20		
90	5.3	5.253	20		
91	5.3	5.608	20		
92	5.3	5.664	20		
93	5.3	5.356	20		
94	5.3	5.309	20	*	
95	5.3	5.269	20		
96	5.3	5.411	20		
97	5.3	5.325	20		
98	5.3	5.416	20		
99	5.3	5.597	20		
100	5.3	5.32	20		
Trail 20					
1	5.3	5.464	20		Yes
2	5.3	5.396	20		
3	5.3	5.26	20		
4	5.3	5.499	20		
5	5.3	5.374	20		
6	5.3	5.571	20		
7	5.3	5.268	20		
8	5.3	5.361	20		
9	5.3	5.479	20		
10	5.3	5.512	20		
11	5.3	5.325	20		
12	5.3	5.475	20		
13	5.3	5.669	20		
14	5.3	5.265	20		
15	5.3	5.394	20		
16	5.3	5.266	20		
17	5.3	5.322	20		
18	5.3	5.291	20	*	
19	5.3	5.615	20		
20	5.3	5.353	20		
21	5.3	5.427	20		
22	5.3	5.722	20		
23	5.3	5.523	20		
24	5.3	5.517	20		
25	5.3	5.367	20		
26	5.3	5.547	20		
27	5.3	5.666	20		
28	5.3	5.529	20		
29	5.3	5.533	20		
30	5.3	5.651	20		
31	5.3	5.664	20		
32	5.3	5.435	20		
33	5.3	5.711	20		

34	5.3	5.447	20	
35	5.3	5.716	20	
36	5.3	5.554	20	
37	5.3	5.647	20	
38	5.3	5.54	20	
39	5.3	5.288	20	
40	5.3	5.641	20	
41	5.3	5.549	20	
42	5.3	5.573	20	
43	5.3	5.643	20	
44	5.3	5.302	20	*
45	5.3	5.41	20	
46	5.3	5.638	20	
47	5.3	5.661	20	
48	5.3	5.272	20	
49	5.3	5.387	20	
50	5.3	5.514	20	
51	5.3	5.335	20	
52	5.3	5.373	20	
53	5.3	5.393	20	
54	5.3	5.473	20	
55	5.3	5.645	20	
56	5.3	5.409	20	
57	5.3	5.708	20	
58	5.3	5.717	20	
59	5.3	5.355	20	
60	5.3	5.558	20	
61	5.3	5.6	20	
62	5.3	5.583	20	
63	5.3	5.614	20	
64	5.3	5.305	20	*
65	5.3	5.513	20	
66	5.3	5.336	20	
67	5.3	5.298	20	*
68	5.3	5.406	20	
69	5.3	5.324	20	
70	5.3	5.273	20	
71	5.3	5.286	20	
72	5.3	5.655	20	
73	5.3	5.627	20	
74	5.3	5.724	20	
75	5.3	5.685	20	
76	5.3	5.434	20	
77	5.3	5.259	20	
78	5.3	5.721	20	
79	5.3	5.709	20	
80	5.3	5.555	20	
81	5.3	5.556	20	
82	5.3	5.699	20	
83	5.3	5.7	20	
84	5.3	5.32	20	
85	5.3	5.297	20	*
86	5.3	5.672	20	
87	5.3	5.658	20	
88	5.3	5.45	20	
89	5.3	5.456	20	

90	5.3	5.402	20		
91	5.3	5.662	20		
92	5.3	5.48	20		
93	5.3	5.262	20		
94	5.3	5.494	20		
95	5.3	5.465	20		
96	5.3	5.718	20		
97	5.3	5.582	20		
98	5.3	5.339	20		
99	5.3	5.261	20		
100	5.3	5.42	20		
Trail 21					
1	5.3	5.354	20		Yes
2	5.3	5.625	20		
3	5.3	5.38	20		
4	5.3	5.323	20		
5	5.3	5.365	20		
6	5.3	5.416	20		
7	5.3	5.306	20	*	
8	5.3	5.304	20	*	
9	5.3	5.497	20		
10	5.3	5.258	20		
11	5.3	5.399	20		
12	5.3	5.687	20		
13	5.3	5.633	20		
14	5.3	5.359	20		
15	5.3	5.373	20		
16	5.3	5.556	20		
17	5.3	5.26	20		
18	5.3	5.718	20		
19	5.3	5.653	20		
20	5.3	5.59	20		
21	5.3	5.689	20		
22	5.3	5.607	20		
23	5.3	5.523	20		
24	5.3	5.462	20		
25	5.3	5.279	20		
26	5.3	5.336	20		
27	5.3	5.652	20		
28	5.3	5.621	20		
29	5.3	5.268	20		
30	5.3	5.507	20		
31	5.3	5.434	20		
32	5.3	5.475	20		
33	5.3	5.418	20		
34	5.3	5.312	20		
35	5.3	5.706	20		
36	5.3	5.305	20	*	
37	5.3	5.385	20		
38	5.3	5.46	20		
39	5.3	5.39	20		
40	5.3	5.677	20		
41	5.3	5.328	20		
42	5.3	5.492	20		
43	5.3	5.7	20		
44	5.3	5.362	20		

45	5.3	5.29	20	*
46	5.3	5.723	20	
47	5.3	5.648	20	
48	5.3	5.644	20	
49	5.3	5.519	20	
50	5.3	5.407	20	
51	5.3	5.254	20	
52	5.3	5.281	20	
53	5.3	5.566	20	
54	5.3	5.344	20	
55	5.3	5.671	20	
56	5.3	5.72	20	
57	5.3	5.419	20	
58	5.3	5.444	20	
59	5.3	5.685	20	
60	5.3	5.474	20	
61	5.3	5.712	20	
62	5.3	5.339	20	
63	5.3	5.257	20	
64	5.3	5.64	20	
65	5.3	5.465	20	
66	5.3	5.356	20	
67	5.3	5.411	20	
68	5.3	5.543	20	
69	5.3	5.349	20	
70	5.3	5.302	20	*
71	5.3	5.42	20	
72	5.3	5.549	20	
73	5.3	5.531	20	
74	5.3	5.409	20	
75	5.3	5.408	20	
76	5.3	5.637	20	
77	5.3	5.368	20	
78	5.3	5.489	20	
79	5.3	5.476	20	
80	5.3	5.252	20	
81	5.3	5.451	20	
82	5.3	5.295	20	*
83	5.3	5.311	20	
84	5.3	5.28	20	
85	5.3	5.631	20	
86	5.3	5.389	20	
87	5.3	5.656	20	
88	5.3	5.608	20	
89	5.3	5.525	20	
90	5.3	5.508	20	
91	5.3	5.309	20	*
92	5.3	5.614	20	
93	5.3	5.348	20	
94	5.3	5.287	20	
95	5.3	5.626	20	
96	5.3	5.398	20	
97	5.3	5.277	20	
98	5.3	5.575	20	
99	5.3	5.376	20	
100	5.3	5.717	20	

Trail 22					
1	5.3	5.291	20	*	Yes
2	5.3	5.343	20		
3	5.3	5.517	20		
4	5.3	5.319	20		
5	5.3	5.641	20		
6	5.3	5.604	20		
7	5.3	5.417	20		
8	5.3	5.333	20		
9	5.3	5.715	20		
10	5.3	5.405	20		
11	5.3	5.581	20		
12	5.3	5.72	20		
13	5.3	5.336	20		
14	5.3	5.647	20		
15	5.3	5.506	20		
16	5.3	5.553	20		
17	5.3	5.327	20		
18	5.3	5.397	20		
19	5.3	5.492	20		
20	5.3	5.311	20		
21	5.3	5.256	20		
22	5.3	5.595	20		
23	5.3	5.561	20		
24	5.3	5.43	20		
25	5.3	5.679	20		
26	5.3	5.304	20	*	
27	5.3	5.613	20		
28	5.3	5.575	20		
29	5.3	5.527	20		
30	5.3	5.723	20		
31	5.3	5.636	20		
32	5.3	5.434	20		
33	5.3	5.366	20		
34	5.3	5.275	20		
35	5.3	5.544	20		
36	5.3	5.585	20		
37	5.3	5.65	20		
38	5.3	5.64	20		
39	5.3	5.324	20		
40	5.3	5.598	20		
41	5.3	5.393	20		
42	5.3	5.431	20		
43	5.3	5.347	20		
44	5.3	5.416	20		
45	5.3	5.404	20		
46	5.3	5.285	20		
47	5.3	5.532	20		
48	5.3	5.555	20		
49	5.3	5.638	20		
50	5.3	5.668	20		
51	5.3	5.384	20		
52	5.3	5.418	20		
53	5.3	5.488	20		
54	5.3	5.44	20		
55	5.3	5.408	20		

56	5.3	5.42	20			
57	5.3	5.269	20			
58	5.3	5.389	20			
59	5.3	5.593	20			
60	5.3	5.455	20			
61	5.3	5.611	20			
62	5.3	5.352	20			
63	5.3	5.425	20			
64	5.3	5.276	20			
65	5.3	5.271	20			
66	5.3	5.259	20			
67	5.3	5.284	20			
68	5.3	5.482	20			
69	5.3	5.712	20			
70	5.3	5.25	20			
71	5.3	5.626	20			
72	5.3	5.583	20			
73	5.3	5.622	20			
74	5.3	5.489	20			
75	5.3	5.631	20			
76	5.3	5.395	20			
77	5.3	5.618	20			
78	5.3	5.436	20			
79	5.3	5.569	20			
80	5.3	5.535	20			
81	5.3	5.337	20			
82	5.3	5.643	20			
83	5.3	5.299	20	*		
84	5.3	5.545	20			
85	5.3	5.294	20	*		
86	5.3	5.476	20			
87	5.3	5.406	20			
88	5.3	5.652	20			
89	5.3	5.305	20	*		
90	5.3	5.518	20			
91	5.3	5.309	20	*		
92	5.3	5.268	20			
93	5.3	5.36	20			
94	5.3	5.698	20			
95	5.3	5.654	20			
96	5.3	5.635	20			
97	5.3	5.606	20			
98	5.3	5.344	20			
99	5.3	5.399	20			
100	5.3	5.278	20			
Trail 23						
1	5.3	5.345	20			Yes
2	5.3	5.432	20			
3	5.3	5.724	20			
4	5.3	5.349	20			
5	5.3	5.364	20			
6	5.3	5.309	20	*		
7	5.3	5.688	20			
8	5.3	5.271	20			
9	5.3	5.489	20			
10	5.3	5.573	20			

11	5.3	5.7	20	
12	5.3	5.703	20	
13	5.3	5.694	20	
14	5.3	5.625	20	
15	5.3	5.69	20	
16	5.3	5.481	20	
17	5.3	5.277	20	
18	5.3	5.514	20	
19	5.3	5.677	20	
20	5.3	5.712	20	
21	5.3	5.437	20	
22	5.3	5.464	20	
23	5.3	5.513	20	
24	5.3	5.397	20	
25	5.3	5.606	20	
26	5.3	5.6	20	
27	5.3	5.412	20	
28	5.3	5.671	20	
29	5.3	5.428	20	
30	5.3	5.39	20	
31	5.3	5.681	20	
32	5.3	5.612	20	
33	5.3	5.662	20	
34	5.3	5.567	20	
35	5.3	5.581	20	
36	5.3	5.307	20	*
37	5.3	5.388	20	
38	5.3	5.421	20	
39	5.3	5.265	20	
40	5.3	5.387	20	
41	5.3	5.473	20	
42	5.3	5.656	20	
43	5.3	5.593	20	
44	5.3	5.368	20	
45	5.3	5.283	20	
46	5.3	5.288	20	
47	5.3	5.568	20	
48	5.3	5.496	20	
49	5.3	5.555	20	
50	5.3	5.637	20	
51	5.3	5.696	20	
52	5.3	5.674	20	
53	5.3	5.38	20	
54	5.3	5.682	20	
55	5.3	5.647	20	
56	5.3	5.505	20	
57	5.3	5.382	20	
58	5.3	5.279	20	
59	5.3	5.683	20	
60	5.3	5.441	20	
61	5.3	5.376	20	
62	5.3	5.601	20	
63	5.3	5.608	20	
64	5.3	5.391	20	
65	5.3	5.435	20	
66	5.3	5.308	20	*

67	5.3	5.641	20		
68	5.3	5.378	20		
69	5.3	5.599	20		
70	5.3	5.508	20		
71	5.3	5.533	20		
72	5.3	5.65	20		
73	5.3	5.41	20		
74	5.3	5.424	20		
75	5.3	5.621	20		
76	5.3	5.425	20		
77	5.3	5.433	20		
78	5.3	5.325	20		
79	5.3	5.597	20		
80	5.3	5.67	20		
81	5.3	5.273	20		
82	5.3	5.545	20		
83	5.3	5.548	20		
84	5.3	5.363	20		
85	5.3	5.318	20		
86	5.3	5.592	20		
87	5.3	5.394	20		
88	5.3	5.623	20		
89	5.3	5.479	20		
90	5.3	5.595	20		
91	5.3	5.343	20		
92	5.3	5.653	20		
93	5.3	5.71	20		
94	5.3	5.386	20		
95	5.3	5.633	20		
96	5.3	5.583	20		
97	5.3	5.274	20		
98	5.3	5.62	20		
99	5.3	5.634	20		
100	5.3	5.718	20		
Trail 24					
1	5.3	5.523	20		Yes
2	5.3	5.289	20		
3	5.3	5.517	20		
4	5.3	5.399	20		
5	5.3	5.542	20		
6	5.3	5.543	20		
7	5.3	5.522	20		
8	5.3	5.342	20		
9	5.3	5.669	20		
10	5.3	5.628	20		
11	5.3	5.299	20	*	
12	5.3	5.497	20		
13	5.3	5.672	20		
14	5.3	5.724	20		
15	5.3	5.63	20		
16	5.3	5.64	20		
17	5.3	5.428	20		
18	5.3	5.442	20		
19	5.3	5.535	20		
20	5.3	5.377	20		
21	5.3	5.374	20		

22	5.3	5.319	20	
23	5.3	5.466	20	
24	5.3	5.383	20	
25	5.3	5.361	20	
26	5.3	5.593	20	
27	5.3	5.435	20	
28	5.3	5.652	20	
29	5.3	5.541	20	
30	5.3	5.492	20	
31	5.3	5.611	20	
32	5.3	5.343	20	
33	5.3	5.268	20	
34	5.3	5.534	20	
35	5.3	5.551	20	
36	5.3	5.647	20	
37	5.3	5.521	20	
38	5.3	5.426	20	
39	5.3	5.396	20	
40	5.3	5.658	20	
41	5.3	5.621	20	
42	5.3	5.321	20	
43	5.3	5.597	20	
44	5.3	5.485	20	
45	5.3	5.404	20	
46	5.3	5.701	20	
47	5.3	5.332	20	
48	5.3	5.575	20	
49	5.3	5.333	20	
50	5.3	5.31	20	*
51	5.3	5.538	20	
52	5.3	5.481	20	
53	5.3	5.722	20	
54	5.3	5.375	20	
55	5.3	5.348	20	
56	5.3	5.42	20	
57	5.3	5.437	20	
58	5.3	5.407	20	
59	5.3	5.513	20	
60	5.3	5.291	20	*
61	5.3	5.59	20	
62	5.3	5.588	20	
63	5.3	5.363	20	
64	5.3	5.478	20	
65	5.3	5.639	20	
66	5.3	5.563	20	
67	5.3	5.553	20	
68	5.3	5.612	20	
69	5.3	5.509	20	
70	5.3	5.529	20	
71	5.3	5.257	20	
72	5.3	5.341	20	
73	5.3	5.434	20	
74	5.3	5.519	20	
75	5.3	5.27	20	
76	5.3	5.454	20	
77	5.3	5.275	20	

78	5.3	5.506	20		
79	5.3	5.71	20		
80	5.3	5.656	20		
81	5.3	5.623	20		
82	5.3	5.465	20		
83	5.3	5.584	20		
84	5.3	5.314	20		
85	5.3	5.369	20		
86	5.3	5.423	20		
87	5.3	5.539	20		
88	5.3	5.627	20		
89	5.3	5.657	20		
90	5.3	5.446	20		
91	5.3	5.339	20		
92	5.3	5.458	20		
93	5.3	5.632	20		
94	5.3	5.469	20		
95	5.3	5.283	20		
96	5.3	5.564	20		
97	5.3	5.512	20		
98	5.3	5.714	20		
99	5.3	5.254	20		
100	5.3	5.664	20		
Trail 25					
1	5.3	5.557	20		Yes
2	5.3	5.584	20		
3	5.3	5.278	20		
4	5.3	5.465	20		
5	5.3	5.688	20		
6	5.3	5.717	20		
7	5.3	5.361	20		
8	5.3	5.72	20		
9	5.3	5.423	20		
10	5.3	5.718	20		
11	5.3	5.621	20		
12	5.3	5.392	20		
13	5.3	5.639	20		
14	5.3	5.298	20	*	
15	5.3	5.398	20		
16	5.3	5.267	20		
17	5.3	5.251	20		
18	5.3	5.676	20		
19	5.3	5.39	20		
20	5.3	5.308	20	*	
21	5.3	5.697	20		
22	5.3	5.495	20		
23	5.3	5.546	20		
24	5.3	5.689	20		
25	5.3	5.372	20		
26	5.3	5.638	20		
27	5.3	5.568	20		
28	5.3	5.721	20		
29	5.3	5.561	20		
30	5.3	5.28	20		
31	5.3	5.305	20	*	
32	5.3	5.651	20		

33	5.3	5.616	20	
34	5.3	5.614	20	
35	5.3	5.312	20	
36	5.3	5.708	20	
37	5.3	5.625	20	
38	5.3	5.426	20	
39	5.3	5.558	20	
40	5.3	5.385	20	
41	5.3	5.387	20	
42	5.3	5.524	20	
43	5.3	5.31	20	*
44	5.3	5.716	20	
45	5.3	5.296	20	*
46	5.3	5.567	20	
47	5.3	5.287	20	
48	5.3	5.37	20	
49	5.3	5.415	20	
50	5.3	5.294	20	*
51	5.3	5.476	20	
52	5.3	5.256	20	
53	5.3	5.663	20	
54	5.3	5.636	20	
55	5.3	5.344	20	
56	5.3	5.353	20	
57	5.3	5.573	20	
58	5.3	5.445	20	
59	5.3	5.7	20	
60	5.3	5.585	20	
61	5.3	5.293	20	*
62	5.3	5.516	20	
63	5.3	5.442	20	
64	5.3	5.542	20	
65	5.3	5.479	20	
66	5.3	5.649	20	
67	5.3	5.487	20	
68	5.3	5.598	20	
69	5.3	5.366	20	
70	5.3	5.486	20	
71	5.3	5.283	20	
72	5.3	5.369	20	
73	5.3	5.693	20	
74	5.3	5.702	20	
75	5.3	5.478	20	
76	5.3	5.468	20	
77	5.3	5.264	20	
78	5.3	5.497	20	
79	5.3	5.551	20	
80	5.3	5.416	20	
81	5.3	5.47	20	
82	5.3	5.543	20	
83	5.3	5.311	20	
84	5.3	5.285	20	
85	5.3	5.402	20	
86	5.3	5.306	20	*
87	5.3	5.447	20	
88	5.3	5.506	20	

89	5.3	5.252	20		
90	5.3	5.393	20		
91	5.3	5.352	20		
92	5.3	5.556	20		
93	5.3	5.641	20		
94	5.3	5.333	20		
95	5.3	5.33	20		
96	5.3	5.336	20		
97	5.3	5.528	20		
98	5.3	5.633	20		
99	5.3	5.365	20		
100	5.3	5.286	20		
Trail 26					
1	5.3	5.71	20		Yes
2	5.3	5.429	20		
3	5.3	5.435	20		
4	5.3	5.414	20		
5	5.3	5.28	20		
6	5.3	5.636	20		
7	5.3	5.714	20		
8	5.3	5.343	20		
9	5.3	5.324	20		
10	5.3	5.674	20		
11	5.3	5.383	20		
12	5.3	5.425	20		
13	5.3	5.703	20		
14	5.3	5.489	20		
15	5.3	5.449	20		
16	5.3	5.617	20		
17	5.3	5.262	20		
18	5.3	5.479	20		
19	5.3	5.432	20		
20	5.3	5.42	20		
21	5.3	5.412	20		
22	5.3	5.593	20		
23	5.3	5.326	20		
24	5.3	5.361	20		
25	5.3	5.694	20		
26	5.3	5.274	20		
27	5.3	5.721	20		
28	5.3	5.623	20		
29	5.3	5.289	20		
30	5.3	5.571	20		
31	5.3	5.458	20		
32	5.3	5.525	20		
33	5.3	5.564	20		
34	5.3	5.672	20		
35	5.3	5.447	20		
36	5.3	5.443	20		
37	5.3	5.591	20		
38	5.3	5.315	20		
39	5.3	5.629	20		
40	5.3	5.668	20		
41	5.3	5.37	20		
42	5.3	5.339	20		
43	5.3	5.379	20		

44	5.3	5.692	20	
45	5.3	5.504	20	
46	5.3	5.66	20	
47	5.3	5.377	20	
48	5.3	5.58	20	
49	5.3	5.347	20	
50	5.3	5.331	20	
51	5.3	5.358	20	
52	5.3	5.487	20	
53	5.3	5.642	20	
54	5.3	5.62	20	
55	5.3	5.57	20	
56	5.3	5.64	20	
57	5.3	5.609	20	
58	5.3	5.523	20	
59	5.3	5.268	20	
60	5.3	5.306	20	*
61	5.3	5.546	20	
62	5.3	5.543	20	
63	5.3	5.644	20	
64	5.3	5.649	20	
65	5.3	5.372	20	
66	5.3	5.367	20	
67	5.3	5.399	20	
68	5.3	5.332	20	
69	5.3	5.359	20	
70	5.3	5.446	20	
71	5.3	5.724	20	
72	5.3	5.257	20	
73	5.3	5.631	20	
74	5.3	5.637	20	
75	5.3	5.349	20	
76	5.3	5.316	20	
77	5.3	5.6	20	
78	5.3	5.308	20	*
79	5.3	5.419	20	
80	5.3	5.572	20	
81	5.3	5.646	20	
82	5.3	5.396	20	
83	5.3	5.635	20	
84	5.3	5.285	20	
85	5.3	5.683	20	
86	5.3	5.505	20	
87	5.3	5.539	20	
88	5.3	5.38	20	
89	5.3	5.382	20	
90	5.3	5.534	20	
91	5.3	5.264	20	
92	5.3	5.687	20	
93	5.3	5.307	20	*
94	5.3	5.702	20	
95	5.3	5.499	20	
96	5.3	5.402	20	
97	5.3	5.666	20	
98	5.3	5.355	20	
99	5.3	5.599	20	

100	5.3	5.493	20		
Trail 27					
1	5.3	5.418	20		Yes
2	5.3	5.67	20		
3	5.3	5.39	20		
4	5.3	5.302	20	*	
5	5.3	5.64	20		
6	5.3	5.506	20		
7	5.3	5.703	20		
8	5.3	5.283	20		
9	5.3	5.53	20		
10	5.3	5.46	20		
11	5.3	5.581	20		
12	5.3	5.477	20		
13	5.3	5.588	20		
14	5.3	5.425	20		
15	5.3	5.4	20		
16	5.3	5.252	20		
17	5.3	5.481	20		
18	5.3	5.707	20		
19	5.3	5.264	20		
20	5.3	5.511	20		
21	5.3	5.712	20		
22	5.3	5.699	20		
23	5.3	5.344	20		
24	5.3	5.327	20		
25	5.3	5.49	20		
26	5.3	5.636	20		
27	5.3	5.642	20		
28	5.3	5.561	20		
29	5.3	5.529	20		
30	5.3	5.517	20		
31	5.3	5.278	20		
32	5.3	5.626	20		
33	5.3	5.578	20		
34	5.3	5.65	20		
35	5.3	5.436	20		
36	5.3	5.329	20		
37	5.3	5.627	20		
38	5.3	5.69	20		
39	5.3	5.367	20		
40	5.3	5.623	20		
41	5.3	5.395	20		
42	5.3	5.574	20		
43	5.3	5.396	20		
44	5.3	5.272	20		
45	5.3	5.595	20		
46	5.3	5.445	20		
47	5.3	5.444	20		
48	5.3	5.34	20		
49	5.3	5.599	20		
50	5.3	5.499	20		
51	5.3	5.258	20		
52	5.3	5.689	20		
53	5.3	5.282	20		
54	5.3	5.275	20		

55	5.3	5.617	20			
56	5.3	5.361	20			
57	5.3	5.71	20			
58	5.3	5.497	20			
59	5.3	5.55	20			
60	5.3	5.414	20			
61	5.3	5.453	20			
62	5.3	5.315	20			
63	5.3	5.687	20			
64	5.3	5.342	20			
65	5.3	5.311	20			
66	5.3	5.31	20	*		
67	5.3	5.402	20			
68	5.3	5.475	20			
69	5.3	5.493	20			
70	5.3	5.446	20			
71	5.3	5.673	20			
72	5.3	5.681	20			
73	5.3	5.463	20			
74	5.3	5.696	20			
75	5.3	5.559	20			
76	5.3	5.576	20			
77	5.3	5.317	20			
78	5.3	5.667	20			
79	5.3	5.659	20			
80	5.3	5.633	20			
81	5.3	5.401	20			
82	5.3	5.598	20			
83	5.3	5.492	20			
84	5.3	5.586	20			
85	5.3	5.319	20			
86	5.3	5.431	20			
87	5.3	5.389	20			
88	5.3	5.555	20			
89	5.3	5.528	20			
90	5.3	5.354	20			
91	5.3	5.35	20			
92	5.3	5.537	20			
93	5.3	5.427	20			
94	5.3	5.644	20			
95	5.3	5.291	20	*		
96	5.3	5.518	20			
97	5.3	5.545	20			
98	5.3	5.449	20			
99	5.3	5.25	20			
100	5.3	5.657	20			
Trail 28						
1	5.3	5.445	20			Yes
2	5.3	5.655	20			
3	5.3	5.321	20			
4	5.3	5.492	20			
5	5.3	5.29	20	*		
6	5.3	5.518	20			
7	5.3	5.616	20			
8	5.3	5.526	20			
9	5.3	5.341	20			

10	5.3	5.293	20	*
11	5.3	5.609	20	
12	5.3	5.49	20	
13	5.3	5.615	20	
14	5.3	5.332	20	
15	5.3	5.718	20	
16	5.3	5.286	20	
17	5.3	5.457	20	
18	5.3	5.706	20	
19	5.3	5.67	20	
20	5.3	5.32	20	
21	5.3	5.357	20	
22	5.3	5.436	20	
23	5.3	5.527	20	
24	5.3	5.275	20	
25	5.3	5.426	20	
26	5.3	5.719	20	
27	5.3	5.512	20	
28	5.3	5.297	20	*
29	5.3	5.429	20	
30	5.3	5.573	20	
31	5.3	5.379	20	
32	5.3	5.371	20	
33	5.3	5.515	20	
34	5.3	5.319	20	
35	5.3	5.652	20	
36	5.3	5.415	20	
37	5.3	5.504	20	
38	5.3	5.339	20	
39	5.3	5.39	20	
40	5.3	5.61	20	
41	5.3	5.308	20	*
42	5.3	5.634	20	
43	5.3	5.325	20	
44	5.3	5.692	20	
45	5.3	5.3	20	*
46	5.3	5.525	20	
47	5.3	5.544	20	
48	5.3	5.53	20	
49	5.3	5.471	20	
50	5.3	5.412	20	
51	5.3	5.37	20	
52	5.3	5.705	20	
53	5.3	5.564	20	
54	5.3	5.714	20	
55	5.3	5.514	20	
56	5.3	5.251	20	
57	5.3	5.565	20	
58	5.3	5.701	20	
59	5.3	5.447	20	
60	5.3	5.413	20	
61	5.3	5.489	20	
62	5.3	5.314	20	
63	5.3	5.454	20	
64	5.3	5.58	20	
65	5.3	5.369	20	

66	5.3	5.373	20		
67	5.3	5.622	20		
68	5.3	5.463	20		
69	5.3	5.693	20		
70	5.3	5.586	20		
71	5.3	5.389	20		
72	5.3	5.278	20		
73	5.3	5.541	20		
74	5.3	5.405	20		
75	5.3	5.4	20		
76	5.3	5.657	20		
77	5.3	5.699	20		
78	5.3	5.35	20		
79	5.3	5.359	20		
80	5.3	5.537	20		
81	5.3	5.423	20		
82	5.3	5.687	20		
83	5.3	5.601	20		
84	5.3	5.266	20		
85	5.3	5.358	20		
86	5.3	5.306	20	*	
87	5.3	5.365	20		
88	5.3	5.438	20		
89	5.3	5.6	20		
90	5.3	5.474	20		
91	5.3	5.711	20		
92	5.3	5.54	20		
93	5.3	5.704	20		
94	5.3	5.557	20		
95	5.3	5.268	20		
96	5.3	5.675	20		
97	5.3	5.433	20		
98	5.3	5.312	20		
99	5.3	5.401	20		
100	5.3	5.287	20		
Trail 29					
1	5.3	5.569	20		Yes
2	5.3	5.526	20		
3	5.3	5.623	20		
4	5.3	5.426	20		
5	5.3	5.381	20		
6	5.3	5.441	20		
7	5.3	5.439	20		
8	5.3	5.682	20		
9	5.3	5.263	20		
10	5.3	5.47	20		
11	5.3	5.511	20		
12	5.3	5.379	20		
13	5.3	5.265	20		
14	5.3	5.364	20		
15	5.3	5.451	20		
16	5.3	5.65	20		
17	5.3	5.301	20	*	
18	5.3	5.72	20		
19	5.3	5.719	20		
20	5.3	5.421	20		

21	5.3	5.561	20	
22	5.3	5.314	20	
23	5.3	5.355	20	
24	5.3	5.368	20	
25	5.3	5.685	20	
26	5.3	5.627	20	
27	5.3	5.366	20	
28	5.3	5.524	20	
29	5.3	5.645	20	
30	5.3	5.498	20	
31	5.3	5.692	20	
32	5.3	5.587	20	
33	5.3	5.329	20	
34	5.3	5.556	20	
35	5.3	5.287	20	
36	5.3	5.34	20	
37	5.3	5.309	20	*
38	5.3	5.454	20	
39	5.3	5.633	20	
40	5.3	5.655	20	
41	5.3	5.48	20	
42	5.3	5.573	20	
43	5.3	5.634	20	
44	5.3	5.566	20	
45	5.3	5.298	20	*
46	5.3	5.317	20	
47	5.3	5.388	20	
48	5.3	5.385	20	
49	5.3	5.666	20	
50	5.3	5.371	20	
51	5.3	5.473	20	
52	5.3	5.504	20	
53	5.3	5.528	20	
54	5.3	5.628	20	
55	5.3	5.574	20	
56	5.3	5.718	20	
57	5.3	5.509	20	
58	5.3	5.386	20	
59	5.3	5.501	20	
60	5.3	5.412	20	
61	5.3	5.255	20	
62	5.3	5.455	20	
63	5.3	5.349	20	
64	5.3	5.619	20	
65	5.3	5.271	20	
66	5.3	5.42	20	
67	5.3	5.489	20	
68	5.3	5.709	20	
69	5.3	5.361	20	
70	5.3	5.422	20	
71	5.3	5.66	20	
72	5.3	5.264	20	
73	5.3	5.647	20	
74	5.3	5.321	20	
75	5.3	5.542	20	
76	5.3	5.424	20	

77	5.3	5.414	20		
78	5.3	5.288	20		
79	5.3	5.35	20		
80	5.3	5.275	20		
81	5.3	5.471	20		
82	5.3	5.333	20		
83	5.3	5.507	20		
84	5.3	5.715	20		
85	5.3	5.358	20		
86	5.3	5.638	20		
87	5.3	5.585	20		
88	5.3	5.359	20		
89	5.3	5.562	20		
90	5.3	5.482	20		
91	5.3	5.697	20		
92	5.3	5.256	20		
93	5.3	5.304	20	*	
94	5.3	5.413	20		
95	5.3	5.53	20		
96	5.3	5.531	20		
97	5.3	5.505	20		
98	5.3	5.514	20		
99	5.3	5.493	20		
100	5.3	5.653	20		
Trail 30					
1	5.3	5.633	20		
2	5.3	5.372	20		
3	5.3	5.671	20		
4	5.3	5.314	20		
5	5.3	5.623	20		
6	5.3	5.289	20		
7	5.3	5.255	20		
8	5.3	5.436	20		
9	5.3	5.28	20		
10	5.3	5.654	20		
11	5.3	5.708	20		
12	5.3	5.323	20		
13	5.3	5.41	20		
14	5.3	5.67	20		
15	5.3	5.437	20		
16	5.3	5.502	20		
17	5.3	5.315	20		
18	5.3	5.536	20		
19	5.3	5.607	20		
20	5.3	5.387	20		
21	5.3	5.449	20		
22	5.3	5.439	20		
23	5.3	5.252	20		
24	5.3	5.626	20		
25	5.3	5.499	20		
26	5.3	5.604	20		
27	5.3	5.683	20		
28	5.3	5.584	20		
29	5.3	5.294	20	*	
30	5.3	5.392	20		
31	5.3	5.552	20		

32	5.3	5.597	20	
33	5.3	5.555	20	
34	5.3	5.721	20	
35	5.3	5.318	20	
36	5.3	5.293	20	*
37	5.3	5.509	20	
38	5.3	5.495	20	
39	5.3	5.35	20	
40	5.3	5.712	20	
41	5.3	5.287	20	
42	5.3	5.692	20	
43	5.3	5.45	20	
44	5.3	5.386	20	
45	5.3	5.718	20	
46	5.3	5.395	20	
47	5.3	5.561	20	
48	5.3	5.44	20	
49	5.3	5.329	20	
50	5.3	5.36	20	
51	5.3	5.414	20	
52	5.3	5.46	20	
53	5.3	5.722	20	
54	5.3	5.324	20	
55	5.3	5.408	20	
56	5.3	5.659	20	
57	5.3	5.415	20	
58	5.3	5.425	20	
59	5.3	5.278	20	
60	5.3	5.641	20	
61	5.3	5.557	20	
62	5.3	5.679	20	
63	5.3	5.275	20	
64	5.3	5.463	20	
65	5.3	5.533	20	
66	5.3	5.429	20	
67	5.3	5.487	20	
68	5.3	5.616	20	
69	5.3	5.457	20	
70	5.3	5.713	20	
71	5.3	5.549	20	
72	5.3	5.426	20	
73	5.3	5.55	20	
74	5.3	5.676	20	
75	5.3	5.688	20	
76	5.3	5.259	20	
77	5.3	5.592	20	
78	5.3	5.297	20	*
79	5.3	5.501	20	
80	5.3	5.445	20	
81	5.3	5.354	20	
82	5.3	5.609	20	
83	5.3	5.547	20	
84	5.3	5.602	20	
85	5.3	5.563	20	
86	5.3	5.651	20	
87	5.3	5.444	20	

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

Radar Type 6 – HT40-Mode:

Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX	Detection (yes/no)
Trail 1					
1	5.3	5.295	40	*	Yes
2	5.3	5.263	40		
3	5.3	5.293	40	*	
4	5.3	5.431	40		
5	5.3	5.644	40		
6	5.3	5.444	40		
7	5.3	5.511	40		
8	5.3	5.473	40		
9	5.3	5.397	40		
10	5.3	5.614	40		
11	5.3	5.686	40		
12	5.3	5.258	40		
13	5.3	5.395	40		
14	5.3	5.376	40		
15	5.3	5.706	40		
16	5.3	5.624	40		
17	5.3	5.698	40		
18	5.3	5.469	40		
19	5.3	5.333	40		
20	5.3	5.529	40		
21	5.3	5.499	40		
22	5.3	5.558	40		
23	5.3	5.704	40		
24	5.3	5.401	40		
25	5.3	5.326	40	*	
26	5.3	5.507	40		
27	5.3	5.626	40		
28	5.3	5.317	40	*	
29	5.3	5.628	40		
30	5.3	5.613	40		
31	5.3	5.357	40		
32	5.3	5.331	40		
33	5.3	5.566	40		
34	5.3	5.591	40		
35	5.3	5.461	40		
36	5.3	5.57	40		
37	5.3	5.428	40		
38	5.3	5.621	40		
39	5.3	5.32	40	*	
40	5.3	5.645	40		
41	5.3	5.516	40		
42	5.3	5.671	40		
43	5.3	5.491	40		
44	5.3	5.501	40		
45	5.3	5.455	40		
46	5.3	5.305	40	*	
47	5.3	5.438	40		
48	5.3	5.514	40		

49	5.3	5.459	40		
50	5.3	5.582	40		
51	5.3	5.307	40	*	
52	5.3	5.676	40		
53	5.3	5.659	40		
54	5.3	5.589	40		
55	5.3	5.388	40		
56	5.3	5.272	40		
57	5.3	5.297	40	*	
58	5.3	5.665	40		
59	5.3	5.427	40		
60	5.3	5.63	40		
61	5.3	5.596	40		
62	5.3	5.537	40		
63	5.3	5.259	40		
64	5.3	5.279	40		
65	5.3	5.348	40		
66	5.3	5.565	40		
67	5.3	5.308	40	*	
68	5.3	5.637	40		
69	5.3	5.379	40		
70	5.3	5.268	40		
71	5.3	5.264	40		
72	5.3	5.386	40		
73	5.3	5.447	40		
74	5.3	5.36	40		
75	5.3	5.6	40		
76	5.3	5.486	40		
77	5.3	5.619	40		
78	5.3	5.365	40		
79	5.3	5.506	40		
80	5.3	5.34	40		
81	5.3	5.639	40		
82	5.3	5.563	40		
83	5.3	5.661	40		
84	5.3	5.542	40		
85	5.3	5.553	40		
86	5.3	5.4	40		
87	5.3	5.254	40		
88	5.3	5.51	40		
89	5.3	5.358	40		
90	5.3	5.275	40		
91	5.3	5.482	40		
92	5.3	5.367	40		
93	5.3	5.505	40		
94	5.3	5.466	40		
95	5.3	5.287	40		
96	5.3	5.343	40		
97	5.3	5.253	40		
98	5.3	5.546	40		
99	5.3	5.526	40		
100	5.3	5.457	40		
Trail 2					Yes
1	5.3	5.715	40		
2	5.3	5.583	40		
3	5.3	5.617	40		

4	5.3	5.464	40	
5	5.3	5.433	40	
6	5.3	5.621	40	
7	5.3	5.506	40	
8	5.3	5.449	40	
9	5.3	5.636	40	
10	5.3	5.295	40	*
11	5.3	5.49	40	
12	5.3	5.488	40	
13	5.3	5.622	40	
14	5.3	5.428	40	
15	5.3	5.626	40	
16	5.3	5.482	40	
17	5.3	5.398	40	
18	5.3	5.708	40	
19	5.3	5.668	40	
20	5.3	5.667	40	
21	5.3	5.683	40	
22	5.3	5.515	40	
23	5.3	5.486	40	
24	5.3	5.291	40	*
25	5.3	5.475	40	
26	5.3	5.313	40	*
27	5.3	5.716	40	
28	5.3	5.597	40	
29	5.3	5.376	40	
30	5.3	5.357	40	
31	5.3	5.666	40	
32	5.3	5.6	40	
33	5.3	5.33	40	*
34	5.3	5.304	40	*
35	5.3	5.334	40	
36	5.3	5.55	40	
37	5.3	5.696	40	
38	5.3	5.254	40	
39	5.3	5.586	40	
40	5.3	5.447	40	
41	5.3	5.58	40	
42	5.3	5.367	40	
43	5.3	5.261	40	
44	5.3	5.307	40	*
45	5.3	5.294	40	*
46	5.3	5.399	40	
47	5.3	5.566	40	
48	5.3	5.632	40	
49	5.3	5.552	40	
50	5.3	5.262	40	
51	5.3	5.326	40	*
52	5.3	5.453	40	
53	5.3	5.269	40	
54	5.3	5.302	40	*
55	5.3	5.582	40	
56	5.3	5.477	40	
57	5.3	5.629	40	
58	5.3	5.522	40	
59	5.3	5.39	40	

60	5.3	5.71	40			
61	5.3	5.374	40			
62	5.3	5.347	40			
63	5.3	5.406	40			
64	5.3	5.493	40			
65	5.3	5.655	40			
66	5.3	5.573	40			
67	5.3	5.578	40			
68	5.3	5.641	40			
69	5.3	5.661	40			
70	5.3	5.345	40			
71	5.3	5.54	40			
72	5.3	5.623	40			
73	5.3	5.646	40			
74	5.3	5.413	40			
75	5.3	5.47	40			
76	5.3	5.38	40			
77	5.3	5.713	40			
78	5.3	5.67	40			
79	5.3	5.499	40			
80	5.3	5.576	40			
81	5.3	5.441	40			
82	5.3	5.694	40			
83	5.3	5.478	40			
84	5.3	5.702	40			
85	5.3	5.386	40			
86	5.3	5.484	40			
87	5.3	5.589	40			
88	5.3	5.36	40			
89	5.3	5.454	40			
90	5.3	5.314	40	*		
91	5.3	5.51	40			
92	5.3	5.468	40			
93	5.3	5.679	40			
94	5.3	5.456	40			
95	5.3	5.368	40			
96	5.3	5.634	40			
97	5.3	5.524	40			
98	5.3	5.41	40			
99	5.3	5.704	40			
100	5.3	5.363	40			
Trail 3						
1	5.3	5.41	40			Yes
2	5.3	5.696	40			
3	5.3	5.69	40			
4	5.3	5.653	40			
5	5.3	5.412	40			
6	5.3	5.588	40			
7	5.3	5.625	40			
8	5.3	5.255	40			
9	5.3	5.558	40			
10	5.3	5.275	40			
11	5.3	5.372	40			
12	5.3	5.392	40			
13	5.3	5.445	40			
14	5.3	5.425	40			

15	5.3	5.548	40	
16	5.3	5.391	40	
17	5.3	5.459	40	
18	5.3	5.476	40	
19	5.3	5.615	40	
20	5.3	5.354	40	
21	5.3	5.619	40	
22	5.3	5.541	40	
23	5.3	5.329	40	*
24	5.3	5.646	40	
25	5.3	5.589	40	
26	5.3	5.312	40	*
27	5.3	5.347	40	
28	5.3	5.59	40	
29	5.3	5.568	40	
30	5.3	5.573	40	
31	5.3	5.292	40	*
32	5.3	5.31	40	*
33	5.3	5.697	40	
34	5.3	5.265	40	
35	5.3	5.402	40	
36	5.3	5.474	40	
37	5.3	5.46	40	
38	5.3	5.711	40	
39	5.3	5.62	40	
40	5.3	5.712	40	
41	5.3	5.273	40	
42	5.3	5.585	40	
43	5.3	5.627	40	
44	5.3	5.532	40	
45	5.3	5.482	40	
46	5.3	5.489	40	
47	5.3	5.718	40	
48	5.3	5.369	40	
49	5.3	5.599	40	
50	5.3	5.435	40	
51	5.3	5.414	40	
52	5.3	5.348	40	
53	5.3	5.598	40	
54	5.3	5.296	40	*
55	5.3	5.457	40	
56	5.3	5.505	40	
57	5.3	5.303	40	*
58	5.3	5.703	40	
59	5.3	5.546	40	
60	5.3	5.633	40	
61	5.3	5.306	40	*
62	5.3	5.26	40	
63	5.3	5.309	40	*
64	5.3	5.279	40	
65	5.3	5.4	40	
66	5.3	5.577	40	
67	5.3	5.338	40	
68	5.3	5.72	40	
69	5.3	5.336	40	
70	5.3	5.645	40	

71	5.3	5.722	40		
72	5.3	5.334	40		
73	5.3	5.343	40		
74	5.3	5.61	40		
75	5.3	5.543	40		
76	5.3	5.297	40	*	
77	5.3	5.675	40		
78	5.3	5.583	40		
79	5.3	5.287	40		
80	5.3	5.363	40		
81	5.3	5.342	40		
82	5.3	5.523	40		
83	5.3	5.427	40		
84	5.3	5.492	40		
85	5.3	5.397	40		
86	5.3	5.467	40		
87	5.3	5.3	40	*	
88	5.3	5.398	40		
89	5.3	5.509	40		
90	5.3	5.566	40		
91	5.3	5.304	40	*	
92	5.3	5.654	40		
93	5.3	5.366	40		
94	5.3	5.362	40		
95	5.3	5.294	40	*	
96	5.3	5.709	40		
97	5.3	5.586	40		
98	5.3	5.469	40		
99	5.3	5.705	40		
100	5.3	5.353	40		
Trail 4					
1	5.3	5.52	40		Yes
2	5.3	5.299	40	*	
3	5.3	5.423	40		
4	5.3	5.36	40		
5	5.3	5.443	40		
6	5.3	5.377	40		
7	5.3	5.565	40		
8	5.3	5.348	40		
9	5.3	5.452	40		
10	5.3	5.608	40		
11	5.3	5.721	40		
12	5.3	5.474	40		
13	5.3	5.505	40		
14	5.3	5.311	40	*	
15	5.3	5.472	40		
16	5.3	5.583	40		
17	5.3	5.393	40		
18	5.3	5.58	40		
19	5.3	5.486	40		
20	5.3	5.263	40		
21	5.3	5.581	40		
22	5.3	5.689	40		
23	5.3	5.4	40		
24	5.3	5.297	40	*	
25	5.3	5.471	40		

26	5.3	5.403	40	
27	5.3	5.667	40	
28	5.3	5.626	40	
29	5.3	5.47	40	
30	5.3	5.374	40	
31	5.3	5.33	40	*
32	5.3	5.57	40	
33	5.3	5.55	40	
34	5.3	5.315	40	*
35	5.3	5.378	40	
36	5.3	5.611	40	
37	5.3	5.397	40	
38	5.3	5.682	40	
39	5.3	5.49	40	
40	5.3	5.322	40	*
41	5.3	5.365	40	
42	5.3	5.526	40	
43	5.3	5.703	40	
44	5.3	5.312	40	*
45	5.3	5.287	40	
46	5.3	5.467	40	
47	5.3	5.367	40	
48	5.3	5.326	40	*
49	5.3	5.392	40	
50	5.3	5.459	40	
51	5.3	5.482	40	
52	5.3	5.568	40	
53	5.3	5.696	40	
54	5.3	5.381	40	
55	5.3	5.597	40	
56	5.3	5.337	40	
57	5.3	5.596	40	
58	5.3	5.663	40	
59	5.3	5.609	40	
60	5.3	5.254	40	
61	5.3	5.639	40	
62	5.3	5.656	40	
63	5.3	5.723	40	
64	5.3	5.576	40	
65	5.3	5.537	40	
66	5.3	5.706	40	
67	5.3	5.492	40	
68	5.3	5.296	40	*
69	5.3	5.604	40	
70	5.3	5.724	40	
71	5.3	5.416	40	
72	5.3	5.28	40	
73	5.3	5.428	40	
74	5.3	5.42	40	
75	5.3	5.336	40	
76	5.3	5.424	40	
77	5.3	5.415	40	
78	5.3	5.593	40	
79	5.3	5.705	40	
80	5.3	5.284	40	
81	5.3	5.295	40	*

82	5.3	5.318	40	*	
83	5.3	5.654	40		
84	5.3	5.521	40		
85	5.3	5.308	40	*	
86	5.3	5.617	40		
87	5.3	5.598	40		
88	5.3	5.445	40		
89	5.3	5.351	40		
90	5.3	5.547	40		
91	5.3	5.453	40		
92	5.3	5.601	40		
93	5.3	5.606	40		
94	5.3	5.622	40		
95	5.3	5.26	40		
96	5.3	5.402	40		
97	5.3	5.438	40		
98	5.3	5.328	40	*	
99	5.3	5.345	40		
100	5.3	5.341	40		
Trail 5					
1	5.3	5.253	40		Yes
2	5.3	5.613	40		
3	5.3	5.324	40	*	
4	5.3	5.292	40	*	
5	5.3	5.611	40		
6	5.3	5.61	40		
7	5.3	5.51	40		
8	5.3	5.318	40	*	
9	5.3	5.543	40		
10	5.3	5.668	40		
11	5.3	5.42	40		
12	5.3	5.537	40		
13	5.3	5.438	40		
14	5.3	5.386	40		
15	5.3	5.488	40		
16	5.3	5.321	40	*	
17	5.3	5.277	40		
18	5.3	5.678	40		
19	5.3	5.593	40		
20	5.3	5.711	40		
21	5.3	5.576	40		
22	5.3	5.272	40		
23	5.3	5.567	40		
24	5.3	5.301	40	*	
25	5.3	5.29	40	*	
26	5.3	5.597	40		
27	5.3	5.371	40		
28	5.3	5.609	40		
29	5.3	5.696	40		
30	5.3	5.619	40		
31	5.3	5.355	40		
32	5.3	5.57	40		
33	5.3	5.631	40		
34	5.3	5.4	40		
35	5.3	5.338	40		
36	5.3	5.59	40		

37	5.3	5.536	40	
38	5.3	5.605	40	
39	5.3	5.333	40	
40	5.3	5.681	40	
41	5.3	5.297	40	*
42	5.3	5.281	40	
43	5.3	5.361	40	
44	5.3	5.707	40	
45	5.3	5.495	40	
46	5.3	5.719	40	
47	5.3	5.512	40	
48	5.3	5.344	40	
49	5.3	5.309	40	*
50	5.3	5.551	40	
51	5.3	5.341	40	
52	5.3	5.655	40	
53	5.3	5.67	40	
54	5.3	5.291	40	*
55	5.3	5.608	40	
56	5.3	5.527	40	
57	5.3	5.508	40	
58	5.3	5.713	40	
59	5.3	5.552	40	
60	5.3	5.616	40	
61	5.3	5.437	40	
62	5.3	5.448	40	
63	5.3	5.534	40	
64	5.3	5.667	40	
65	5.3	5.557	40	
66	5.3	5.326	40	*
67	5.3	5.484	40	
68	5.3	5.457	40	
69	5.3	5.545	40	
70	5.3	5.294	40	*
71	5.3	5.483	40	
72	5.3	5.256	40	
73	5.3	5.662	40	
74	5.3	5.378	40	
75	5.3	5.28	40	
76	5.3	5.419	40	
77	5.3	5.617	40	
78	5.3	5.449	40	
79	5.3	5.45	40	
80	5.3	5.397	40	
81	5.3	5.701	40	
82	5.3	5.572	40	
83	5.3	5.427	40	
84	5.3	5.629	40	
85	5.3	5.585	40	
86	5.3	5.606	40	
87	5.3	5.577	40	
88	5.3	5.559	40	
89	5.3	5.547	40	
90	5.3	5.621	40	
91	5.3	5.475	40	
92	5.3	5.684	40	

93	5.3	5.578	40		
94	5.3	5.362	40		
95	5.3	5.489	40		
96	5.3	5.579	40		
97	5.3	5.446	40		
98	5.3	5.599	40		
99	5.3	5.525	40		
100	5.3	5.689	40		
Trail 6					
1	5.3	5.651	40		Yes
2	5.3	5.431	40		
3	5.3	5.258	40		
4	5.3	5.638	40		
5	5.3	5.6	40		
6	5.3	5.504	40		
7	5.3	5.379	40		
8	5.3	5.525	40		
9	5.3	5.706	40		
10	5.3	5.255	40		
11	5.3	5.503	40		
12	5.3	5.597	40		
13	5.3	5.528	40		
14	5.3	5.334	40		
15	5.3	5.291	40	*	
16	5.3	5.282	40		
17	5.3	5.502	40		
18	5.3	5.577	40		
19	5.3	5.323	40	*	
20	5.3	5.369	40		
21	5.3	5.354	40		
22	5.3	5.644	40		
23	5.3	5.607	40		
24	5.3	5.72	40		
25	5.3	5.488	40		
26	5.3	5.594	40		
27	5.3	5.585	40		
28	5.3	5.326	40	*	
29	5.3	5.419	40		
30	5.3	5.475	40		
31	5.3	5.611	40		
32	5.3	5.534	40		
33	5.3	5.491	40		
34	5.3	5.453	40		
35	5.3	5.642	40		
36	5.3	5.521	40		
37	5.3	5.712	40		
38	5.3	5.514	40		
39	5.3	5.559	40		
40	5.3	5.252	40		
41	5.3	5.694	40		
42	5.3	5.37	40		
43	5.3	5.532	40		
44	5.3	5.587	40		
45	5.3	5.361	40		
46	5.3	5.317	40	*	
47	5.3	5.573	40		

48	5.3	5.581	40		
49	5.3	5.672	40		
50	5.3	5.687	40		
51	5.3	5.445	40		
52	5.3	5.28	40		
53	5.3	5.681	40		
54	5.3	5.627	40		
55	5.3	5.526	40		
56	5.3	5.253	40		
57	5.3	5.456	40		
58	5.3	5.629	40		
59	5.3	5.399	40		
60	5.3	5.554	40		
61	5.3	5.314	40	*	
62	5.3	5.674	40		
63	5.3	5.461	40		
64	5.3	5.568	40		
65	5.3	5.507	40		
66	5.3	5.625	40		
67	5.3	5.721	40		
68	5.3	5.631	40		
69	5.3	5.613	40		
70	5.3	5.452	40		
71	5.3	5.3	40	*	
72	5.3	5.449	40		
73	5.3	5.477	40		
74	5.3	5.703	40		
75	5.3	5.277	40		
76	5.3	5.565	40		
77	5.3	5.684	40		
78	5.3	5.416	40		
79	5.3	5.492	40		
80	5.3	5.519	40		
81	5.3	5.437	40		
82	5.3	5.643	40		
83	5.3	5.256	40		
84	5.3	5.333	40		
85	5.3	5.434	40		
86	5.3	5.423	40		
87	5.3	5.494	40		
88	5.3	5.356	40		
89	5.3	5.263	40		
90	5.3	5.636	40		
91	5.3	5.476	40		
92	5.3	5.36	40		
93	5.3	5.279	40		
94	5.3	5.357	40		
95	5.3	5.344	40		
96	5.3	5.561	40		
97	5.3	5.622	40		
98	5.3	5.336	40		
99	5.3	5.657	40		
100	5.3	5.609	40		
Trail 7					Yes
1	5.3	5.506	40		
2	5.3	5.712	40		

3	5.3	5.67	40	
4	5.3	5.269	40	
5	5.3	5.254	40	
6	5.3	5.657	40	
7	5.3	5.426	40	
8	5.3	5.681	40	
9	5.3	5.33	40	*
10	5.3	5.535	40	
11	5.3	5.405	40	
12	5.3	5.252	40	
13	5.3	5.383	40	
14	5.3	5.455	40	
15	5.3	5.545	40	
16	5.3	5.446	40	
17	5.3	5.525	40	
18	5.3	5.417	40	
19	5.3	5.592	40	
20	5.3	5.464	40	
21	5.3	5.475	40	
22	5.3	5.553	40	
23	5.3	5.668	40	
24	5.3	5.27	40	
25	5.3	5.34	40	
26	5.3	5.544	40	
27	5.3	5.551	40	
28	5.3	5.398	40	
29	5.3	5.627	40	
30	5.3	5.48	40	
31	5.3	5.672	40	
32	5.3	5.357	40	
33	5.3	5.724	40	
34	5.3	5.387	40	
35	5.3	5.262	40	
36	5.3	5.707	40	
37	5.3	5.683	40	
38	5.3	5.384	40	
39	5.3	5.522	40	
40	5.3	5.294	40	*
41	5.3	5.298	40	*
42	5.3	5.679	40	
43	5.3	5.336	40	
44	5.3	5.566	40	
45	5.3	5.266	40	
46	5.3	5.684	40	
47	5.3	5.529	40	
48	5.3	5.594	40	
49	5.3	5.354	40	
50	5.3	5.323	40	*
51	5.3	5.407	40	
52	5.3	5.497	40	
53	5.3	5.469	40	
54	5.3	5.59	40	
55	5.3	5.288	40	
56	5.3	5.622	40	
57	5.3	5.631	40	
58	5.3	5.385	40	

59	5.3	5.395	40			
60	5.3	5.601	40			
61	5.3	5.54	40			
62	5.3	5.698	40			
63	5.3	5.267	40			
64	5.3	5.274	40			
65	5.3	5.435	40			
66	5.3	5.359	40			
67	5.3	5.346	40			
68	5.3	5.541	40			
69	5.3	5.412	40			
70	5.3	5.345	40			
71	5.3	5.452	40			
72	5.3	5.555	40			
73	5.3	5.678	40			
74	5.3	5.265	40			
75	5.3	5.556	40			
76	5.3	5.585	40			
77	5.3	5.289	40			
78	5.3	5.575	40			
79	5.3	5.581	40			
80	5.3	5.568	40			
81	5.3	5.645	40			
82	5.3	5.673	40			
83	5.3	5.361	40			
84	5.3	5.617	40			
85	5.3	5.491	40			
86	5.3	5.647	40			
87	5.3	5.652	40			
88	5.3	5.472	40			
89	5.3	5.386	40			
90	5.3	5.427	40			
91	5.3	5.304	40	*		
92	5.3	5.391	40			
93	5.3	5.636	40			
94	5.3	5.334	40			
95	5.3	5.363	40			
96	5.3	5.273	40			
97	5.3	5.531	40			
98	5.3	5.409	40			
99	5.3	5.677	40			
100	5.3	5.476	40			
Trail 8						
1	5.3	5.25	40			Yes
2	5.3	5.603	40			
3	5.3	5.387	40			
4	5.3	5.693	40			
5	5.3	5.71	40			
6	5.3	5.551	40			
7	5.3	5.682	40			
8	5.3	5.382	40			
9	5.3	5.566	40			
10	5.3	5.303	40	*		
11	5.3	5.271	40			
12	5.3	5.436	40			
13	5.3	5.43	40			

14	5.3	5.545	40	
15	5.3	5.656	40	
16	5.3	5.365	40	
17	5.3	5.346	40	
18	5.3	5.527	40	
19	5.3	5.477	40	
20	5.3	5.348	40	
21	5.3	5.586	40	
22	5.3	5.273	40	
23	5.3	5.292	40	*
24	5.3	5.397	40	
25	5.3	5.522	40	
26	5.3	5.624	40	
27	5.3	5.305	40	*
28	5.3	5.31	40	*
29	5.3	5.262	40	
30	5.3	5.519	40	
31	5.3	5.395	40	
32	5.3	5.663	40	
33	5.3	5.717	40	
34	5.3	5.699	40	
35	5.3	5.665	40	
36	5.3	5.508	40	
37	5.3	5.664	40	
38	5.3	5.308	40	*
39	5.3	5.653	40	
40	5.3	5.554	40	
41	5.3	5.417	40	
42	5.3	5.455	40	
43	5.3	5.514	40	
44	5.3	5.618	40	
45	5.3	5.713	40	
46	5.3	5.504	40	
47	5.3	5.715	40	
48	5.3	5.41	40	
49	5.3	5.44	40	
50	5.3	5.275	40	
51	5.3	5.287	40	
52	5.3	5.388	40	
53	5.3	5.318	40	*
54	5.3	5.332	40	
55	5.3	5.499	40	
56	5.3	5.583	40	
57	5.3	5.724	40	
58	5.3	5.437	40	
59	5.3	5.351	40	
60	5.3	5.69	40	
61	5.3	5.321	40	*
62	5.3	5.323	40	*
63	5.3	5.662	40	
64	5.3	5.692	40	
65	5.3	5.411	40	
66	5.3	5.697	40	
67	5.3	5.428	40	
68	5.3	5.413	40	
69	5.3	5.588	40	

70	5.3	5.535	40		
71	5.3	5.299	40	*	
72	5.3	5.526	40		
73	5.3	5.435	40		
74	5.3	5.359	40		
75	5.3	5.476	40		
76	5.3	5.449	40		
77	5.3	5.703	40		
78	5.3	5.605	40		
79	5.3	5.585	40		
80	5.3	5.433	40		
81	5.3	5.537	40		
82	5.3	5.313	40	*	
83	5.3	5.338	40		
84	5.3	5.544	40		
85	5.3	5.633	40		
86	5.3	5.404	40		
87	5.3	5.534	40		
88	5.3	5.352	40		
89	5.3	5.619	40		
90	5.3	5.488	40		
91	5.3	5.285	40		
92	5.3	5.47	40		
93	5.3	5.593	40		
94	5.3	5.56	40		
95	5.3	5.255	40		
96	5.3	5.629	40		
97	5.3	5.434	40		
98	5.3	5.523	40		
99	5.3	5.507	40		
100	5.3	5.364	40		
Trail 9					
1	5.3	5.632	40		Yes
2	5.3	5.507	40		
3	5.3	5.535	40		
4	5.3	5.319	40	*	
5	5.3	5.703	40		
6	5.3	5.549	40		
7	5.3	5.557	40		
8	5.3	5.721	40		
9	5.3	5.64	40		
10	5.3	5.536	40		
11	5.3	5.553	40		
12	5.3	5.647	40		
13	5.3	5.354	40		
14	5.3	5.719	40		
15	5.3	5.272	40		
16	5.3	5.538	40		
17	5.3	5.251	40		
18	5.3	5.433	40		
19	5.3	5.616	40		
20	5.3	5.324	40	*	
21	5.3	5.486	40		
22	5.3	5.696	40		
23	5.3	5.599	40		
24	5.3	5.443	40		

25	5.3	5.573	40	
26	5.3	5.656	40	
27	5.3	5.385	40	
28	5.3	5.425	40	
29	5.3	5.276	40	
30	5.3	5.301	40	*
31	5.3	5.615	40	
32	5.3	5.58	40	
33	5.3	5.264	40	
34	5.3	5.451	40	
35	5.3	5.253	40	
36	5.3	5.556	40	
37	5.3	5.517	40	
38	5.3	5.722	40	
39	5.3	5.483	40	
40	5.3	5.666	40	
41	5.3	5.383	40	
42	5.3	5.688	40	
43	5.3	5.494	40	
44	5.3	5.713	40	
45	5.3	5.522	40	
46	5.3	5.396	40	
47	5.3	5.41	40	
48	5.3	5.56	40	
49	5.3	5.259	40	
50	5.3	5.574	40	
51	5.3	5.699	40	
52	5.3	5.339	40	
53	5.3	5.603	40	
54	5.3	5.457	40	
55	5.3	5.404	40	
56	5.3	5.701	40	
57	5.3	5.327	40	*
58	5.3	5.645	40	
59	5.3	5.306	40	*
60	5.3	5.337	40	
61	5.3	5.657	40	
62	5.3	5.397	40	
63	5.3	5.488	40	
64	5.3	5.601	40	
65	5.3	5.527	40	
66	5.3	5.667	40	
67	5.3	5.669	40	
68	5.3	5.273	40	
69	5.3	5.381	40	
70	5.3	5.469	40	
71	5.3	5.401	40	
72	5.3	5.294	40	*
73	5.3	5.304	40	*
74	5.3	5.447	40	
75	5.3	5.63	40	
76	5.3	5.366	40	
77	5.3	5.587	40	
78	5.3	5.267	40	
79	5.3	5.388	40	
80	5.3	5.362	40	

81	5.3	5.489	40		
82	5.3	5.266	40		
83	5.3	5.55	40		
84	5.3	5.487	40		
85	5.3	5.341	40		
86	5.3	5.416	40		
87	5.3	5.355	40		
88	5.3	5.671	40		
89	5.3	5.307	40	*	
90	5.3	5.569	40		
91	5.3	5.391	40		
92	5.3	5.293	40	*	
93	5.3	5.271	40		
94	5.3	5.612	40		
95	5.3	5.393	40		
96	5.3	5.329	40	*	
97	5.3	5.257	40		
98	5.3	5.708	40		
99	5.3	5.598	40		
100	5.3	5.435	40		
Trail 10					
1	5.3	5.442	40		Yes
2	5.3	5.303	40	*	
3	5.3	5.609	40		
4	5.3	5.274	40		
5	5.3	5.327	40	*	
6	5.3	5.595	40		
7	5.3	5.47	40		
8	5.3	5.499	40		
9	5.3	5.338	40		
10	5.3	5.692	40		
11	5.3	5.403	40		
12	5.3	5.38	40		
13	5.3	5.482	40		
14	5.3	5.407	40		
15	5.3	5.254	40		
16	5.3	5.565	40		
17	5.3	5.704	40		
18	5.3	5.658	40		
19	5.3	5.648	40		
20	5.3	5.273	40		
21	5.3	5.687	40		
22	5.3	5.613	40		
23	5.3	5.343	40		
24	5.3	5.664	40		
25	5.3	5.394	40		
26	5.3	5.691	40		
27	5.3	5.492	40		
28	5.3	5.467	40		
29	5.3	5.512	40		
30	5.3	5.439	40		
31	5.3	5.476	40		
32	5.3	5.682	40		
33	5.3	5.694	40		
34	5.3	5.451	40		
35	5.3	5.653	40		

36	5.3	5.709	40	
37	5.3	5.517	40	
38	5.3	5.404	40	
39	5.3	5.62	40	
40	5.3	5.367	40	
41	5.3	5.314	40	*
42	5.3	5.25	40	
43	5.3	5.297	40	*
44	5.3	5.647	40	
45	5.3	5.621	40	
46	5.3	5.545	40	
47	5.3	5.438	40	
48	5.3	5.26	40	
49	5.3	5.465	40	
50	5.3	5.507	40	
51	5.3	5.312	40	*
52	5.3	5.324	40	*
53	5.3	5.508	40	
54	5.3	5.713	40	
55	5.3	5.387	40	
56	5.3	5.665	40	
57	5.3	5.412	40	
58	5.3	5.349	40	
59	5.3	5.366	40	
60	5.3	5.486	40	
61	5.3	5.622	40	
62	5.3	5.304	40	*
63	5.3	5.392	40	
64	5.3	5.302	40	*
65	5.3	5.401	40	
66	5.3	5.697	40	
67	5.3	5.594	40	
68	5.3	5.496	40	
69	5.3	5.443	40	
70	5.3	5.638	40	
71	5.3	5.634	40	
72	5.3	5.435	40	
73	5.3	5.374	40	
74	5.3	5.511	40	
75	5.3	5.331	40	
76	5.3	5.668	40	
77	5.3	5.357	40	
78	5.3	5.707	40	
79	5.3	5.549	40	
80	5.3	5.285	40	
81	5.3	5.268	40	
82	5.3	5.469	40	
83	5.3	5.487	40	
84	5.3	5.611	40	
85	5.3	5.347	40	
86	5.3	5.49	40	
87	5.3	5.566	40	
88	5.3	5.558	40	
89	5.3	5.576	40	
90	5.3	5.661	40	
91	5.3	5.637	40	

92	5.3	5.293	40	*	
93	5.3	5.583	40		
94	5.3	5.718	40		
95	5.3	5.624	40		
96	5.3	5.461	40		
97	5.3	5.551	40		
98	5.3	5.332	40		
99	5.3	5.714	40		
100	5.3	5.459	40		
Trail 11					
1	5.3	5.316	40	*	Yes
2	5.3	5.687	40		
3	5.3	5.5	40		
4	5.3	5.658	40		
5	5.3	5.711	40		
6	5.3	5.303	40	*	
7	5.3	5.632	40		
8	5.3	5.607	40		
9	5.3	5.426	40		
10	5.3	5.54	40		
11	5.3	5.397	40		
12	5.3	5.641	40		
13	5.3	5.628	40		
14	5.3	5.425	40		
15	5.3	5.319	40	*	
16	5.3	5.557	40		
17	5.3	5.505	40		
18	5.3	5.647	40		
19	5.3	5.702	40		
20	5.3	5.357	40		
21	5.3	5.415	40		
22	5.3	5.709	40		
23	5.3	5.411	40		
24	5.3	5.295	40	*	
25	5.3	5.342	40		
26	5.3	5.705	40		
27	5.3	5.691	40		
28	5.3	5.287	40		
29	5.3	5.553	40		
30	5.3	5.431	40		
31	5.3	5.511	40		
32	5.3	5.483	40		
33	5.3	5.309	40	*	
34	5.3	5.328	40	*	
35	5.3	5.279	40		
36	5.3	5.452	40		
37	5.3	5.71	40		
38	5.3	5.478	40		
39	5.3	5.344	40		
40	5.3	5.621	40		
41	5.3	5.423	40		
42	5.3	5.703	40		
43	5.3	5.41	40		
44	5.3	5.525	40		
45	5.3	5.675	40		
46	5.3	5.471	40		

47	5.3	5.624	40		
48	5.3	5.585	40		
49	5.3	5.465	40		
50	5.3	5.462	40		
51	5.3	5.388	40		
52	5.3	5.402	40		
53	5.3	5.529	40		
54	5.3	5.389	40		
55	5.3	5.589	40		
56	5.3	5.256	40		
57	5.3	5.274	40		
58	5.3	5.629	40		
59	5.3	5.464	40		
60	5.3	5.713	40		
61	5.3	5.588	40		
62	5.3	5.64	40		
63	5.3	5.404	40		
64	5.3	5.416	40		
65	5.3	5.271	40		
66	5.3	5.331	40		
67	5.3	5.445	40		
68	5.3	5.635	40		
69	5.3	5.451	40		
70	5.3	5.527	40		
71	5.3	5.692	40		
72	5.3	5.349	40		
73	5.3	5.625	40		
74	5.3	5.531	40		
75	5.3	5.62	40		
76	5.3	5.399	40		
77	5.3	5.251	40		
78	5.3	5.439	40		
79	5.3	5.321	40	*	
80	5.3	5.504	40		
81	5.3	5.655	40		
82	5.3	5.582	40		
83	5.3	5.477	40		
84	5.3	5.59	40		
85	5.3	5.281	40		
86	5.3	5.498	40		
87	5.3	5.467	40		
88	5.3	5.723	40		
89	5.3	5.546	40		
90	5.3	5.42	40		
91	5.3	5.503	40		
92	5.3	5.31	40	*	
93	5.3	5.631	40		
94	5.3	5.407	40		
95	5.3	5.266	40		
96	5.3	5.526	40		
97	5.3	5.405	40		
98	5.3	5.473	40		
99	5.3	5.693	40		
100	5.3	5.453	40		
Trail 12					
1	5.3	5.333	40		Yes

2	5.3	5.528	40	
3	5.3	5.496	40	
4	5.3	5.695	40	
5	5.3	5.612	40	
6	5.3	5.374	40	
7	5.3	5.365	40	
8	5.3	5.279	40	
9	5.3	5.344	40	
10	5.3	5.471	40	
11	5.3	5.712	40	
12	5.3	5.499	40	
13	5.3	5.661	40	
14	5.3	5.507	40	
15	5.3	5.551	40	
16	5.3	5.697	40	
17	5.3	5.275	40	
18	5.3	5.357	40	
19	5.3	5.584	40	
20	5.3	5.722	40	
21	5.3	5.63	40	
22	5.3	5.302	40	*
23	5.3	5.469	40	
24	5.3	5.505	40	
25	5.3	5.287	40	
26	5.3	5.45	40	
27	5.3	5.708	40	
28	5.3	5.39	40	
29	5.3	5.257	40	
30	5.3	5.567	40	
31	5.3	5.509	40	
32	5.3	5.558	40	
33	5.3	5.637	40	
34	5.3	5.537	40	
35	5.3	5.529	40	
36	5.3	5.624	40	
37	5.3	5.607	40	
38	5.3	5.543	40	
39	5.3	5.255	40	
40	5.3	5.439	40	
41	5.3	5.454	40	
42	5.3	5.603	40	
43	5.3	5.69	40	
44	5.3	5.304	40	*
45	5.3	5.252	40	
46	5.3	5.422	40	
47	5.3	5.673	40	
48	5.3	5.56	40	
49	5.3	5.362	40	
50	5.3	5.284	40	
51	5.3	5.541	40	
52	5.3	5.477	40	
53	5.3	5.58	40	
54	5.3	5.423	40	
55	5.3	5.435	40	
56	5.3	5.281	40	
57	5.3	5.288	40	

58	5.3	5.616	40			
59	5.3	5.694	40			
60	5.3	5.491	40			
61	5.3	5.384	40			
62	5.3	5.295	40	*		
63	5.3	5.678	40			
64	5.3	5.354	40			
65	5.3	5.632	40			
66	5.3	5.622	40			
67	5.3	5.653	40			
68	5.3	5.418	40			
69	5.3	5.392	40			
70	5.3	5.36	40			
71	5.3	5.411	40			
72	5.3	5.308	40	*		
73	5.3	5.594	40			
74	5.3	5.523	40			
75	5.3	5.53	40			
76	5.3	5.512	40			
77	5.3	5.266	40			
78	5.3	5.723	40			
79	5.3	5.432	40			
80	5.3	5.413	40			
81	5.3	5.72	40			
82	5.3	5.391	40			
83	5.3	5.289	40			
84	5.3	5.542	40			
85	5.3	5.35	40			
86	5.3	5.277	40			
87	5.3	5.386	40			
88	5.3	5.483	40			
89	5.3	5.4	40			
90	5.3	5.27	40			
91	5.3	5.494	40			
92	5.3	5.487	40			
93	5.3	5.445	40			
94	5.3	5.448	40			
95	5.3	5.314	40	*		
96	5.3	5.442	40			
97	5.3	5.322	40	*		
98	5.3	5.532	40			
99	5.3	5.674	40			
100	5.3	5.657	40			
Trail 13						
1	5.3	5.685	40			Yes
2	5.3	5.506	40			
3	5.3	5.284	40			
4	5.3	5.373	40			
5	5.3	5.42	40			
6	5.3	5.43	40			
7	5.3	5.378	40			
8	5.3	5.604	40			
9	5.3	5.4	40			
10	5.3	5.391	40			
11	5.3	5.401	40			
12	5.3	5.325	40	*		

13	5.3	5.254	40	
14	5.3	5.479	40	
15	5.3	5.523	40	
16	5.3	5.338	40	
17	5.3	5.61	40	
18	5.3	5.66	40	
19	5.3	5.591	40	
20	5.3	5.631	40	
21	5.3	5.301	40	*
22	5.3	5.428	40	
23	5.3	5.344	40	
24	5.3	5.684	40	
25	5.3	5.613	40	
26	5.3	5.458	40	
27	5.3	5.641	40	
28	5.3	5.647	40	
29	5.3	5.33	40	*
30	5.3	5.28	40	
31	5.3	5.715	40	
32	5.3	5.252	40	
33	5.3	5.658	40	
34	5.3	5.619	40	
35	5.3	5.648	40	
36	5.3	5.708	40	
37	5.3	5.31	40	*
38	5.3	5.464	40	
39	5.3	5.403	40	
40	5.3	5.412	40	
41	5.3	5.698	40	
42	5.3	5.532	40	
43	5.3	5.671	40	
44	5.3	5.442	40	
45	5.3	5.328	40	*
46	5.3	5.67	40	
47	5.3	5.335	40	
48	5.3	5.564	40	
49	5.3	5.576	40	
50	5.3	5.449	40	
51	5.3	5.538	40	
52	5.3	5.327	40	*
53	5.3	5.602	40	
54	5.3	5.419	40	
55	5.3	5.527	40	
56	5.3	5.484	40	
57	5.3	5.375	40	
58	5.3	5.568	40	
59	5.3	5.444	40	
60	5.3	5.305	40	*
61	5.3	5.607	40	
62	5.3	5.311	40	*
63	5.3	5.64	40	
64	5.3	5.385	40	
65	5.3	5.674	40	
66	5.3	5.269	40	
67	5.3	5.554	40	
68	5.3	5.598	40	

69	5.3	5.429	40		
70	5.3	5.636	40		
71	5.3	5.567	40		
72	5.3	5.324	40	*	
73	5.3	5.346	40		
74	5.3	5.72	40		
75	5.3	5.423	40		
76	5.3	5.462	40		
77	5.3	5.704	40		
78	5.3	5.628	40		
79	5.3	5.503	40		
80	5.3	5.676	40		
81	5.3	5.714	40		
82	5.3	5.719	40		
83	5.3	5.477	40		
84	5.3	5.421	40		
85	5.3	5.623	40		
86	5.3	5.289	40		
87	5.3	5.681	40		
88	5.3	5.272	40		
89	5.3	5.354	40		
90	5.3	5.526	40		
91	5.3	5.323	40	*	
92	5.3	5.452	40		
93	5.3	5.632	40		
94	5.3	5.694	40		
95	5.3	5.491	40		
96	5.3	5.3	40	*	
97	5.3	5.374	40		
98	5.3	5.334	40		
99	5.3	5.584	40		
100	5.3	5.711	40		
Trail 14					
1	5.3	5.508	40		Yes
2	5.3	5.694	40		
3	5.3	5.635	40		
4	5.3	5.469	40		
5	5.3	5.358	40		
6	5.3	5.657	40		
7	5.3	5.29	40	*	
8	5.3	5.584	40		
9	5.3	5.652	40		
10	5.3	5.513	40		
11	5.3	5.515	40		
12	5.3	5.517	40		
13	5.3	5.627	40		
14	5.3	5.677	40		
15	5.3	5.573	40		
16	5.3	5.405	40		
17	5.3	5.315	40	*	
18	5.3	5.546	40		
19	5.3	5.634	40		
20	5.3	5.288	40		
21	5.3	5.691	40		
22	5.3	5.26	40		
23	5.3	5.501	40		

24	5.3	5.391	40	
25	5.3	5.454	40	
26	5.3	5.463	40	
27	5.3	5.712	40	
28	5.3	5.549	40	
29	5.3	5.302	40	*
30	5.3	5.707	40	
31	5.3	5.621	40	
32	5.3	5.319	40	*
33	5.3	5.526	40	
34	5.3	5.462	40	
35	5.3	5.382	40	
36	5.3	5.509	40	
37	5.3	5.436	40	
38	5.3	5.702	40	
39	5.3	5.341	40	
40	5.3	5.396	40	
41	5.3	5.305	40	*
42	5.3	5.609	40	
43	5.3	5.685	40	
44	5.3	5.269	40	
45	5.3	5.536	40	
46	5.3	5.287	40	
47	5.3	5.299	40	*
48	5.3	5.383	40	
49	5.3	5.322	40	*
50	5.3	5.31	40	*
51	5.3	5.472	40	
52	5.3	5.633	40	
53	5.3	5.568	40	
54	5.3	5.524	40	
55	5.3	5.577	40	
56	5.3	5.265	40	
57	5.3	5.306	40	*
58	5.3	5.563	40	
59	5.3	5.629	40	
60	5.3	5.363	40	
61	5.3	5.705	40	
62	5.3	5.296	40	*
63	5.3	5.717	40	
64	5.3	5.351	40	
65	5.3	5.678	40	
66	5.3	5.612	40	
67	5.3	5.562	40	
68	5.3	5.298	40	*
69	5.3	5.477	40	
70	5.3	5.328	40	*
71	5.3	5.618	40	
72	5.3	5.483	40	
73	5.3	5.583	40	
74	5.3	5.644	40	
75	5.3	5.592	40	
76	5.3	5.43	40	
77	5.3	5.465	40	
78	5.3	5.659	40	
79	5.3	5.461	40	

80	5.3	5.449	40		
81	5.3	5.281	40		
82	5.3	5.376	40		
83	5.3	5.354	40		
84	5.3	5.655	40		
85	5.3	5.431	40		
86	5.3	5.521	40		
87	5.3	5.534	40		
88	5.3	5.46	40		
89	5.3	5.394	40		
90	5.3	5.721	40		
91	5.3	5.692	40		
92	5.3	5.446	40		
93	5.3	5.664	40		
94	5.3	5.697	40		
95	5.3	5.284	40		
96	5.3	5.641	40		
97	5.3	5.558	40		
98	5.3	5.564	40		
99	5.3	5.708	40		
100	5.3	5.361	40		
Trail 15					
1	5.3	5.454	40		Yes
2	5.3	5.4	40		
3	5.3	5.368	40		
4	5.3	5.638	40		
5	5.3	5.709	40		
6	5.3	5.341	40		
7	5.3	5.321	40	*	
8	5.3	5.369	40		
9	5.3	5.485	40		
10	5.3	5.413	40		
11	5.3	5.254	40		
12	5.3	5.427	40		
13	5.3	5.318	40	*	
14	5.3	5.557	40		
15	5.3	5.398	40		
16	5.3	5.497	40		
17	5.3	5.396	40		
18	5.3	5.601	40		
19	5.3	5.357	40		
20	5.3	5.625	40		
21	5.3	5.517	40		
22	5.3	5.663	40		
23	5.3	5.323	40	*	
24	5.3	5.532	40		
25	5.3	5.333	40		
26	5.3	5.483	40		
27	5.3	5.651	40		
28	5.3	5.431	40		
29	5.3	5.476	40		
30	5.3	5.314	40	*	
31	5.3	5.496	40		
32	5.3	5.339	40		
33	5.3	5.486	40		
34	5.3	5.411	40		

35	5.3	5.547	40	
36	5.3	5.71	40	
37	5.3	5.65	40	
38	5.3	5.377	40	
39	5.3	5.256	40	
40	5.3	5.617	40	
41	5.3	5.451	40	
42	5.3	5.586	40	
43	5.3	5.569	40	
44	5.3	5.267	40	
45	5.3	5.611	40	
46	5.3	5.604	40	
47	5.3	5.686	40	
48	5.3	5.404	40	
49	5.3	5.58	40	
50	5.3	5.288	40	
51	5.3	5.393	40	
52	5.3	5.277	40	
53	5.3	5.308	40	*
54	5.3	5.262	40	
55	5.3	5.359	40	
56	5.3	5.269	40	
57	5.3	5.478	40	
58	5.3	5.348	40	
59	5.3	5.671	40	
60	5.3	5.658	40	
61	5.3	5.574	40	
62	5.3	5.632	40	
63	5.3	5.455	40	
64	5.3	5.403	40	
65	5.3	5.545	40	
66	5.3	5.507	40	
67	5.3	5.541	40	
68	5.3	5.668	40	
69	5.3	5.494	40	
70	5.3	5.636	40	
71	5.3	5.39	40	
72	5.3	5.631	40	
73	5.3	5.55	40	
74	5.3	5.37	40	
75	5.3	5.627	40	
76	5.3	5.384	40	
77	5.3	5.689	40	
78	5.3	5.519	40	
79	5.3	5.445	40	
80	5.3	5.361	40	
81	5.3	5.589	40	
82	5.3	5.386	40	
83	5.3	5.595	40	
84	5.3	5.409	40	
85	5.3	5.624	40	
86	5.3	5.251	40	
87	5.3	5.566	40	
88	5.3	5.525	40	
89	5.3	5.331	40	
90	5.3	5.293	40	*

91	5.3	5.405	40		
92	5.3	5.533	40		
93	5.3	5.676	40		
94	5.3	5.456	40		
95	5.3	5.659	40		
96	5.3	5.285	40		
97	5.3	5.622	40		
98	5.3	5.397	40		
99	5.3	5.699	40		
100	5.3	5.347	40		
Trail 16					
1	5.3	5.723	40		Yes
2	5.3	5.715	40		
3	5.3	5.662	40		
4	5.3	5.638	40		
5	5.3	5.327	40	*	
6	5.3	5.478	40		
7	5.3	5.567	40		
8	5.3	5.451	40		
9	5.3	5.629	40		
10	5.3	5.71	40		
11	5.3	5.697	40		
12	5.3	5.306	40	*	
13	5.3	5.461	40		
14	5.3	5.606	40		
15	5.3	5.276	40		
16	5.3	5.586	40		
17	5.3	5.31	40	*	
18	5.3	5.341	40		
19	5.3	5.32	40	*	
20	5.3	5.301	40	*	
21	5.3	5.619	40		
22	5.3	5.688	40		
23	5.3	5.575	40		
24	5.3	5.703	40		
25	5.3	5.681	40		
26	5.3	5.311	40	*	
27	5.3	5.394	40		
28	5.3	5.615	40		
29	5.3	5.35	40		
30	5.3	5.313	40	*	
31	5.3	5.701	40		
32	5.3	5.664	40		
33	5.3	5.514	40		
34	5.3	5.7	40		
35	5.3	5.545	40		
36	5.3	5.473	40		
37	5.3	5.375	40		
38	5.3	5.716	40		
39	5.3	5.554	40		
40	5.3	5.553	40		
41	5.3	5.272	40		
42	5.3	5.383	40		
43	5.3	5.386	40		
44	5.3	5.708	40		
45	5.3	5.538	40		

46	5.3	5.67	40	
47	5.3	5.612	40	
48	5.3	5.372	40	
49	5.3	5.559	40	
50	5.3	5.476	40	
51	5.3	5.592	40	
52	5.3	5.442	40	
53	5.3	5.594	40	
54	5.3	5.636	40	
55	5.3	5.472	40	
56	5.3	5.639	40	
57	5.3	5.507	40	
58	5.3	5.453	40	
59	5.3	5.37	40	
60	5.3	5.448	40	
61	5.3	5.487	40	
62	5.3	5.571	40	
63	5.3	5.308	40	*
64	5.3	5.673	40	
65	5.3	5.595	40	
66	5.3	5.504	40	
67	5.3	5.456	40	
68	5.3	5.47	40	
69	5.3	5.292	40	*
70	5.3	5.676	40	
71	5.3	5.704	40	
72	5.3	5.667	40	
73	5.3	5.3	40	*
74	5.3	5.354	40	
75	5.3	5.439	40	
76	5.3	5.717	40	
77	5.3	5.49	40	
78	5.3	5.336	40	
79	5.3	5.695	40	
80	5.3	5.43	40	
81	5.3	5.293	40	*
82	5.3	5.647	40	
83	5.3	5.416	40	
84	5.3	5.722	40	
85	5.3	5.384	40	
86	5.3	5.438	40	
87	5.3	5.424	40	
88	5.3	5.598	40	
89	5.3	5.466	40	
90	5.3	5.517	40	
91	5.3	5.616	40	
92	5.3	5.443	40	
93	5.3	5.257	40	
94	5.3	5.536	40	
95	5.3	5.363	40	
96	5.3	5.351	40	
97	5.3	5.516	40	
98	5.3	5.702	40	
99	5.3	5.261	40	
100	5.3	5.57	40	
Trail 17				

1	5.3	5.486	40		Yes
2	5.3	5.339	40		
3	5.3	5.633	40		
4	5.3	5.695	40		
5	5.3	5.697	40		
6	5.3	5.31	40	*	
7	5.3	5.688	40		
8	5.3	5.541	40		
9	5.3	5.711	40		
10	5.3	5.255	40		
11	5.3	5.414	40		
12	5.3	5.294	40	*	
13	5.3	5.455	40		
14	5.3	5.259	40		
15	5.3	5.534	40		
16	5.3	5.572	40		
17	5.3	5.505	40		
18	5.3	5.371	40		
19	5.3	5.515	40		
20	5.3	5.559	40		
21	5.3	5.354	40		
22	5.3	5.66	40		
23	5.3	5.5	40		
24	5.3	5.383	40		
25	5.3	5.647	40		
26	5.3	5.597	40		
27	5.3	5.671	40		
28	5.3	5.67	40		
29	5.3	5.306	40	*	
30	5.3	5.679	40		
31	5.3	5.323	40	*	
32	5.3	5.605	40		
33	5.3	5.699	40		
34	5.3	5.296	40	*	
35	5.3	5.48	40		
36	5.3	5.297	40	*	
37	5.3	5.415	40		
38	5.3	5.594	40		
39	5.3	5.274	40		
40	5.3	5.351	40		
41	5.3	5.386	40		
42	5.3	5.298	40	*	
43	5.3	5.713	40		
44	5.3	5.692	40		
45	5.3	5.461	40		
46	5.3	5.536	40		
47	5.3	5.563	40		
48	5.3	5.465	40		
49	5.3	5.332	40		
50	5.3	5.462	40		
51	5.3	5.472	40		
52	5.3	5.655	40		
53	5.3	5.581	40		
54	5.3	5.314	40	*	
55	5.3	5.499	40		
56	5.3	5.271	40		

57	5.3	5.638	40			
58	5.3	5.453	40			
59	5.3	5.56	40			
60	5.3	5.623	40			
61	5.3	5.714	40			
62	5.3	5.666	40			
63	5.3	5.387	40			
64	5.3	5.706	40			
65	5.3	5.635	40			
66	5.3	5.51	40			
67	5.3	5.264	40			
68	5.3	5.57	40			
69	5.3	5.543	40			
70	5.3	5.592	40			
71	5.3	5.668	40			
72	5.3	5.278	40			
73	5.3	5.355	40			
74	5.3	5.584	40			
75	5.3	5.441	40			
76	5.3	5.301	40	*		
77	5.3	5.527	40			
78	5.3	5.683	40			
79	5.3	5.524	40			
80	5.3	5.694	40			
81	5.3	5.646	40			
82	5.3	5.292	40	*		
83	5.3	5.304	40	*		
84	5.3	5.614	40			
85	5.3	5.305	40	*		
86	5.3	5.552	40			
87	5.3	5.704	40			
88	5.3	5.662	40			
89	5.3	5.416	40			
90	5.3	5.717	40			
91	5.3	5.299	40	*		
92	5.3	5.529	40			
93	5.3	5.613	40			
94	5.3	5.494	40			
95	5.3	5.311	40	*		
96	5.3	5.512	40			
97	5.3	5.64	40			
98	5.3	5.685	40			
99	5.3	5.32	40	*		
100	5.3	5.253	40			
Trail 18						Yes
1	5.3	5.262	40			
2	5.3	5.683	40			
3	5.3	5.491	40			
4	5.3	5.604	40			
5	5.3	5.36	40			
6	5.3	5.279	40			
7	5.3	5.703	40			
8	5.3	5.652	40			
9	5.3	5.711	40			
10	5.3	5.522	40			
11	5.3	5.284	40			

12	5.3	5.474	40	
13	5.3	5.47	40	
14	5.3	5.706	40	
15	5.3	5.61	40	
16	5.3	5.541	40	
17	5.3	5.513	40	
18	5.3	5.269	40	
19	5.3	5.504	40	
20	5.3	5.58	40	
21	5.3	5.621	40	
22	5.3	5.326	40	*
23	5.3	5.587	40	
24	5.3	5.506	40	
25	5.3	5.457	40	
26	5.3	5.261	40	
27	5.3	5.544	40	
28	5.3	5.616	40	
29	5.3	5.309	40	*
30	5.3	5.627	40	
31	5.3	5.375	40	
32	5.3	5.525	40	
33	5.3	5.347	40	
34	5.3	5.685	40	
35	5.3	5.531	40	
36	5.3	5.39	40	
37	5.3	5.567	40	
38	5.3	5.34	40	
39	5.3	5.577	40	
40	5.3	5.681	40	
41	5.3	5.56	40	
42	5.3	5.439	40	
43	5.3	5.596	40	
44	5.3	5.707	40	
45	5.3	5.32	40	*
46	5.3	5.455	40	
47	5.3	5.324	40	*
48	5.3	5.667	40	
49	5.3	5.583	40	
50	5.3	5.394	40	
51	5.3	5.398	40	
52	5.3	5.605	40	
53	5.3	5.413	40	
54	5.3	5.622	40	
55	5.3	5.588	40	
56	5.3	5.634	40	
57	5.3	5.383	40	
58	5.3	5.35	40	
59	5.3	5.442	40	
60	5.3	5.3	40	*
61	5.3	5.643	40	
62	5.3	5.45	40	
63	5.3	5.328	40	*
64	5.3	5.4	40	
65	5.3	5.479	40	
66	5.3	5.265	40	
67	5.3	5.669	40	

68	5.3	5.449	40		
69	5.3	5.266	40		
70	5.3	5.436	40		
71	5.3	5.277	40		
72	5.3	5.576	40		
73	5.3	5.406	40		
74	5.3	5.387	40		
75	5.3	5.692	40		
76	5.3	5.542	40		
77	5.3	5.304	40	*	
78	5.3	5.476	40		
79	5.3	5.451	40		
80	5.3	5.633	40		
81	5.3	5.368	40		
82	5.3	5.505	40		
83	5.3	5.352	40		
84	5.3	5.537	40		
85	5.3	5.642	40		
86	5.3	5.477	40		
87	5.3	5.466	40		
88	5.3	5.637	40		
89	5.3	5.333	40		
90	5.3	5.487	40		
91	5.3	5.441	40		
92	5.3	5.408	40		
93	5.3	5.366	40		
94	5.3	5.671	40		
95	5.3	5.695	40		
96	5.3	5.579	40		
97	5.3	5.312	40	*	
98	5.3	5.675	40		
99	5.3	5.428	40		
100	5.3	5.317	40	*	
Trail 19					
1	5.3	5.664	40		Yes
2	5.3	5.724	40		
3	5.3	5.398	40		
4	5.3	5.629	40		
5	5.3	5.547	40		
6	5.3	5.489	40		
7	5.3	5.321	40	*	
8	5.3	5.483	40		
9	5.3	5.413	40		
10	5.3	5.611	40		
11	5.3	5.656	40		
12	5.3	5.349	40		
13	5.3	5.553	40		
14	5.3	5.585	40		
15	5.3	5.505	40		
16	5.3	5.277	40		
17	5.3	5.333	40		
18	5.3	5.614	40		
19	5.3	5.671	40		
20	5.3	5.37	40		
21	5.3	5.552	40		
22	5.3	5.717	40		

23	5.3	5.284	40	
24	5.3	5.387	40	
25	5.3	5.301	40	*
26	5.3	5.368	40	
27	5.3	5.607	40	
28	5.3	5.525	40	
29	5.3	5.622	40	
30	5.3	5.383	40	
31	5.3	5.674	40	
32	5.3	5.638	40	
33	5.3	5.712	40	
34	5.3	5.367	40	
35	5.3	5.347	40	
36	5.3	5.256	40	
37	5.3	5.675	40	
38	5.3	5.711	40	
39	5.3	5.424	40	
40	5.3	5.251	40	
41	5.3	5.316	40	*
42	5.3	5.28	40	
43	5.3	5.657	40	
44	5.3	5.723	40	
45	5.3	5.336	40	
46	5.3	5.267	40	
47	5.3	5.681	40	
48	5.3	5.508	40	
49	5.3	5.642	40	
50	5.3	5.651	40	
51	5.3	5.544	40	
52	5.3	5.276	40	
53	5.3	5.474	40	
54	5.3	5.597	40	
55	5.3	5.601	40	
56	5.3	5.519	40	
57	5.3	5.322	40	*
58	5.3	5.433	40	
59	5.3	5.303	40	*
60	5.3	5.376	40	
61	5.3	5.25	40	
62	5.3	5.363	40	
63	5.3	5.612	40	
64	5.3	5.506	40	
65	5.3	5.377	40	
66	5.3	5.342	40	
67	5.3	5.388	40	
68	5.3	5.683	40	
69	5.3	5.515	40	
70	5.3	5.504	40	
71	5.3	5.595	40	
72	5.3	5.646	40	
73	5.3	5.435	40	
74	5.3	5.482	40	
75	5.3	5.365	40	
76	5.3	5.408	40	
77	5.3	5.618	40	
78	5.3	5.362	40	

79	5.3	5.471	40		
80	5.3	5.411	40		
81	5.3	5.438	40		
82	5.3	5.47	40		
83	5.3	5.528	40		
84	5.3	5.259	40		
85	5.3	5.579	40		
86	5.3	5.458	40		
87	5.3	5.587	40		
88	5.3	5.298	40	*	
89	5.3	5.532	40		
90	5.3	5.287	40		
91	5.3	5.344	40		
92	5.3	5.696	40		
93	5.3	5.667	40		
94	5.3	5.705	40		
95	5.3	5.69	40		
96	5.3	5.352	40		
97	5.3	5.536	40		
98	5.3	5.61	40		
99	5.3	5.263	40		
100	5.3	5.292	40	*	
Trail 20					
1	5.3	5.448	40		Yes
2	5.3	5.487	40		
3	5.3	5.664	40		
4	5.3	5.284	40		
5	5.3	5.696	40		
6	5.3	5.308	40	*	
7	5.3	5.372	40		
8	5.3	5.337	40		
9	5.3	5.695	40		
10	5.3	5.562	40		
11	5.3	5.353	40		
12	5.3	5.688	40		
13	5.3	5.368	40		
14	5.3	5.323	40	*	
15	5.3	5.262	40		
16	5.3	5.666	40		
17	5.3	5.461	40		
18	5.3	5.421	40		
19	5.3	5.538	40		
20	5.3	5.546	40		
21	5.3	5.317	40	*	
22	5.3	5.555	40		
23	5.3	5.566	40		
24	5.3	5.318	40	*	
25	5.3	5.613	40		
26	5.3	5.274	40		
27	5.3	5.476	40		
28	5.3	5.44	40		
29	5.3	5.466	40		
30	5.3	5.649	40		
31	5.3	5.427	40		
32	5.3	5.606	40		
33	5.3	5.45	40		

34	5.3	5.724	40	
35	5.3	5.496	40	
36	5.3	5.54	40	
37	5.3	5.59	40	
38	5.3	5.585	40	
39	5.3	5.469	40	
40	5.3	5.523	40	
41	5.3	5.27	40	
42	5.3	5.362	40	
43	5.3	5.493	40	
44	5.3	5.69	40	
45	5.3	5.322	40	*
46	5.3	5.619	40	
47	5.3	5.609	40	
48	5.3	5.486	40	
49	5.3	5.595	40	
50	5.3	5.498	40	
51	5.3	5.31	40	*
52	5.3	5.659	40	
53	5.3	5.542	40	
54	5.3	5.503	40	
55	5.3	5.256	40	
56	5.3	5.611	40	
57	5.3	5.574	40	
58	5.3	5.592	40	
59	5.3	5.467	40	
60	5.3	5.381	40	
61	5.3	5.283	40	
62	5.3	5.414	40	
63	5.3	5.379	40	
64	5.3	5.358	40	
65	5.3	5.582	40	
66	5.3	5.534	40	
67	5.3	5.449	40	
68	5.3	5.616	40	
69	5.3	5.669	40	
70	5.3	5.673	40	
71	5.3	5.282	40	
72	5.3	5.479	40	
73	5.3	5.344	40	
74	5.3	5.351	40	
75	5.3	5.36	40	
76	5.3	5.384	40	
77	5.3	5.447	40	
78	5.3	5.512	40	
79	5.3	5.422	40	
80	5.3	5.402	40	
81	5.3	5.392	40	
82	5.3	5.444	40	
83	5.3	5.48	40	
84	5.3	5.474	40	
85	5.3	5.568	40	
86	5.3	5.506	40	
87	5.3	5.552	40	
88	5.3	5.264	40	
89	5.3	5.72	40	

90	5.3	5.433	40		
91	5.3	5.655	40		
92	5.3	5.369	40		
93	5.3	5.41	40		
94	5.3	5.342	40		
95	5.3	5.271	40		
96	5.3	5.385	40		
97	5.3	5.668	40		
98	5.3	5.6	40		
99	5.3	5.656	40		
100	5.3	5.326	40	*	
Trail 21					
1	5.3	5.444	40		Yes
2	5.3	5.313	40	*	
3	5.3	5.318	40	*	
4	5.3	5.41	40		
5	5.3	5.358	40		
6	5.3	5.532	40		
7	5.3	5.494	40		
8	5.3	5.458	40		
9	5.3	5.262	40		
10	5.3	5.556	40		
11	5.3	5.716	40		
12	5.3	5.486	40		
13	5.3	5.564	40		
14	5.3	5.587	40		
15	5.3	5.311	40	*	
16	5.3	5.396	40		
17	5.3	5.252	40		
18	5.3	5.424	40		
19	5.3	5.343	40		
20	5.3	5.69	40		
21	5.3	5.553	40		
22	5.3	5.596	40		
23	5.3	5.385	40		
24	5.3	5.604	40		
25	5.3	5.519	40		
26	5.3	5.471	40		
27	5.3	5.366	40		
28	5.3	5.626	40		
29	5.3	5.719	40		
30	5.3	5.685	40		
31	5.3	5.328	40	*	
32	5.3	5.347	40		
33	5.3	5.465	40		
34	5.3	5.662	40		
35	5.3	5.388	40		
36	5.3	5.449	40		
37	5.3	5.291	40	*	
38	5.3	5.506	40		
39	5.3	5.295	40	*	
40	5.3	5.326	40	*	
41	5.3	5.598	40		
42	5.3	5.408	40		
43	5.3	5.372	40		
44	5.3	5.637	40		

45	5.3	5.448	40	
46	5.3	5.641	40	
47	5.3	5.541	40	
48	5.3	5.419	40	
49	5.3	5.696	40	
50	5.3	5.356	40	
51	5.3	5.423	40	
52	5.3	5.585	40	
53	5.3	5.447	40	
54	5.3	5.655	40	
55	5.3	5.442	40	
56	5.3	5.724	40	
57	5.3	5.588	40	
58	5.3	5.433	40	
59	5.3	5.577	40	
60	5.3	5.589	40	
61	5.3	5.591	40	
62	5.3	5.653	40	
63	5.3	5.526	40	
64	5.3	5.661	40	
65	5.3	5.315	40	*
66	5.3	5.452	40	
67	5.3	5.586	40	
68	5.3	5.513	40	
69	5.3	5.688	40	
70	5.3	5.387	40	
71	5.3	5.539	40	
72	5.3	5.395	40	
73	5.3	5.485	40	
74	5.3	5.559	40	
75	5.3	5.359	40	
76	5.3	5.606	40	
77	5.3	5.305	40	*
78	5.3	5.543	40	
79	5.3	5.309	40	*
80	5.3	5.364	40	
81	5.3	5.446	40	
82	5.3	5.298	40	*
83	5.3	5.389	40	
84	5.3	5.407	40	
85	5.3	5.413	40	
86	5.3	5.496	40	
87	5.3	5.425	40	
88	5.3	5.708	40	
89	5.3	5.498	40	
90	5.3	5.59	40	
91	5.3	5.706	40	
92	5.3	5.251	40	
93	5.3	5.538	40	
94	5.3	5.28	40	
95	5.3	5.68	40	
96	5.3	5.48	40	
97	5.3	5.671	40	
98	5.3	5.614	40	
99	5.3	5.428	40	
100	5.3	5.45	40	

Trail 22					Yes
1	5.3	5.701	40		
2	5.3	5.608	40		
3	5.3	5.569	40		
4	5.3	5.447	40		
5	5.3	5.64	40		
6	5.3	5.461	40		
7	5.3	5.425	40		
8	5.3	5.689	40		
9	5.3	5.366	40		
10	5.3	5.674	40		
11	5.3	5.413	40		
12	5.3	5.323	40	*	
13	5.3	5.379	40		
14	5.3	5.601	40		
15	5.3	5.668	40		
16	5.3	5.272	40		
17	5.3	5.561	40		
18	5.3	5.356	40		
19	5.3	5.519	40		
20	5.3	5.7	40		
21	5.3	5.419	40		
22	5.3	5.707	40		
23	5.3	5.655	40		
24	5.3	5.446	40		
25	5.3	5.378	40		
26	5.3	5.365	40		
27	5.3	5.471	40		
28	5.3	5.515	40		
29	5.3	5.702	40		
30	5.3	5.35	40		
31	5.3	5.691	40		
32	5.3	5.508	40		
33	5.3	5.602	40		
34	5.3	5.687	40		
35	5.3	5.389	40		
36	5.3	5.531	40		
37	5.3	5.556	40		
38	5.3	5.31	40	*	
39	5.3	5.45	40		
40	5.3	5.552	40		
41	5.3	5.318	40	*	
42	5.3	5.37	40		
43	5.3	5.34	40		
44	5.3	5.621	40		
45	5.3	5.528	40		
46	5.3	5.275	40		
47	5.3	5.321	40	*	
48	5.3	5.533	40		
49	5.3	5.475	40		
50	5.3	5.462	40		
51	5.3	5.441	40		
52	5.3	5.616	40		
53	5.3	5.268	40		
54	5.3	5.549	40		
55	5.3	5.417	40		

56	5.3	5.553	40			
57	5.3	5.532	40			
58	5.3	5.72	40			
59	5.3	5.629	40			
60	5.3	5.669	40			
61	5.3	5.666	40			
62	5.3	5.262	40			
63	5.3	5.52	40			
64	5.3	5.33	40	*		
65	5.3	5.503	40			
66	5.3	5.703	40			
67	5.3	5.652	40			
68	5.3	5.407	40			
69	5.3	5.712	40			
70	5.3	5.57	40			
71	5.3	5.538	40			
72	5.3	5.448	40			
73	5.3	5.25	40			
74	5.3	5.642	40			
75	5.3	5.319	40	*		
76	5.3	5.472	40			
77	5.3	5.313	40	*		
78	5.3	5.722	40			
79	5.3	5.614	40			
80	5.3	5.299	40	*		
81	5.3	5.697	40			
82	5.3	5.27	40			
83	5.3	5.705	40			
84	5.3	5.543	40			
85	5.3	5.625	40			
86	5.3	5.615	40			
87	5.3	5.254	40			
88	5.3	5.335	40			
89	5.3	5.597	40			
90	5.3	5.372	40			
91	5.3	5.387	40			
92	5.3	5.577	40			
93	5.3	5.252	40			
94	5.3	5.609	40			
95	5.3	5.352	40			
96	5.3	5.266	40			
97	5.3	5.295	40	*		
98	5.3	5.456	40			
99	5.3	5.671	40			
100	5.3	5.386	40			
Trail 23						Yes
1	5.3	5.606	40			
2	5.3	5.558	40			
3	5.3	5.392	40			
4	5.3	5.285	40			
5	5.3	5.538	40			
6	5.3	5.369	40			
7	5.3	5.408	40			
8	5.3	5.437	40			
9	5.3	5.349	40			
10	5.3	5.648	40			

11	5.3	5.516	40	
12	5.3	5.277	40	
13	5.3	5.702	40	
14	5.3	5.685	40	
15	5.3	5.374	40	
16	5.3	5.504	40	
17	5.3	5.509	40	
18	5.3	5.433	40	
19	5.3	5.641	40	
20	5.3	5.292	40	*
21	5.3	5.381	40	
22	5.3	5.446	40	
23	5.3	5.424	40	
24	5.3	5.445	40	
25	5.3	5.383	40	
26	5.3	5.58	40	
27	5.3	5.678	40	
28	5.3	5.311	40	*
29	5.3	5.316	40	*
30	5.3	5.485	40	
31	5.3	5.541	40	
32	5.3	5.528	40	
33	5.3	5.436	40	
34	5.3	5.557	40	
35	5.3	5.367	40	
36	5.3	5.598	40	
37	5.3	5.713	40	
38	5.3	5.614	40	
39	5.3	5.415	40	
40	5.3	5.25	40	
41	5.3	5.321	40	*
42	5.3	5.523	40	
43	5.3	5.254	40	
44	5.3	5.602	40	
45	5.3	5.524	40	
46	5.3	5.566	40	
47	5.3	5.449	40	
48	5.3	5.674	40	
49	5.3	5.603	40	
50	5.3	5.604	40	
51	5.3	5.416	40	
52	5.3	5.414	40	
53	5.3	5.663	40	
54	5.3	5.697	40	
55	5.3	5.296	40	*
56	5.3	5.329	40	*
57	5.3	5.689	40	
58	5.3	5.387	40	
59	5.3	5.503	40	
60	5.3	5.596	40	
61	5.3	5.536	40	
62	5.3	5.488	40	
63	5.3	5.441	40	
64	5.3	5.358	40	
65	5.3	5.511	40	
66	5.3	5.421	40	

67	5.3	5.409	40		
68	5.3	5.476	40		
69	5.3	5.519	40		
70	5.3	5.289	40		
71	5.3	5.617	40		
72	5.3	5.688	40		
73	5.3	5.382	40		
74	5.3	5.274	40		
75	5.3	5.27	40		
76	5.3	5.637	40		
77	5.3	5.295	40	*	
78	5.3	5.529	40		
79	5.3	5.559	40		
80	5.3	5.527	40		
81	5.3	5.412	40		
82	5.3	5.692	40		
83	5.3	5.337	40		
84	5.3	5.451	40		
85	5.3	5.709	40		
86	5.3	5.282	40		
87	5.3	5.423	40		
88	5.3	5.69	40		
89	5.3	5.491	40		
90	5.3	5.63	40		
91	5.3	5.489	40		
92	5.3	5.507	40		
93	5.3	5.537	40		
94	5.3	5.564	40		
95	5.3	5.605	40		
96	5.3	5.599	40		
97	5.3	5.619	40		
98	5.3	5.682	40		
99	5.3	5.498	40		
100	5.3	5.252	40		
Trail 24					
1	5.3	5.431	40		Yes
2	5.3	5.618	40		
3	5.3	5.655	40		
4	5.3	5.576	40		
5	5.3	5.489	40		
6	5.3	5.294	40	*	
7	5.3	5.59	40		
8	5.3	5.698	40		
9	5.3	5.445	40		
10	5.3	5.337	40		
11	5.3	5.308	40	*	
12	5.3	5.578	40		
13	5.3	5.567	40		
14	5.3	5.494	40		
15	5.3	5.463	40		
16	5.3	5.258	40		
17	5.3	5.327	40	*	
18	5.3	5.55	40		
19	5.3	5.329	40	*	
20	5.3	5.39	40		
21	5.3	5.499	40		

22	5.3	5.63	40	
23	5.3	5.469	40	
24	5.3	5.456	40	
25	5.3	5.344	40	
26	5.3	5.362	40	
27	5.3	5.585	40	
28	5.3	5.675	40	
29	5.3	5.611	40	
30	5.3	5.577	40	
31	5.3	5.472	40	
32	5.3	5.659	40	
33	5.3	5.505	40	
34	5.3	5.254	40	
35	5.3	5.598	40	
36	5.3	5.288	40	
37	5.3	5.433	40	
38	5.3	5.613	40	
39	5.3	5.646	40	
40	5.3	5.381	40	
41	5.3	5.46	40	
42	5.3	5.361	40	
43	5.3	5.709	40	
44	5.3	5.68	40	
45	5.3	5.389	40	
46	5.3	5.587	40	
47	5.3	5.708	40	
48	5.3	5.358	40	
49	5.3	5.716	40	
50	5.3	5.718	40	
51	5.3	5.5	40	
52	5.3	5.532	40	
53	5.3	5.334	40	
54	5.3	5.491	40	
55	5.3	5.322	40	*
56	5.3	5.501	40	
57	5.3	5.287	40	
58	5.3	5.316	40	*
59	5.3	5.354	40	
60	5.3	5.549	40	
61	5.3	5.628	40	
62	5.3	5.374	40	
63	5.3	5.309	40	*
64	5.3	5.502	40	
65	5.3	5.443	40	
66	5.3	5.338	40	
67	5.3	5.437	40	
68	5.3	5.596	40	
69	5.3	5.415	40	
70	5.3	5.466	40	
71	5.3	5.582	40	
72	5.3	5.379	40	
73	5.3	5.685	40	
74	5.3	5.496	40	
75	5.3	5.48	40	
76	5.3	5.639	40	
77	5.3	5.627	40	

78	5.3	5.61	40		
79	5.3	5.317	40	*	
80	5.3	5.599	40		
81	5.3	5.26	40		
82	5.3	5.392	40		
83	5.3	5.457	40		
84	5.3	5.267	40		
85	5.3	5.398	40		
86	5.3	5.551	40		
87	5.3	5.485	40		
88	5.3	5.349	40		
89	5.3	5.573	40		
90	5.3	5.564	40		
91	5.3	5.514	40		
92	5.3	5.367	40		
93	5.3	5.625	40		
94	5.3	5.669	40		
95	5.3	5.535	40		
96	5.3	5.581	40		
97	5.3	5.674	40		
98	5.3	5.703	40		
99	5.3	5.347	40		
100	5.3	5.702	40		
Trail 25					
1	5.3	5.401	40		Yes
2	5.3	5.365	40		
3	5.3	5.677	40		
4	5.3	5.385	40		
5	5.3	5.396	40		
6	5.3	5.699	40		
7	5.3	5.514	40		
8	5.3	5.561	40		
9	5.3	5.683	40		
10	5.3	5.388	40		
11	5.3	5.301	40	*	
12	5.3	5.261	40		
13	5.3	5.37	40		
14	5.3	5.294	40	*	
15	5.3	5.509	40		
16	5.3	5.538	40		
17	5.3	5.347	40		
18	5.3	5.376	40		
19	5.3	5.39	40		
20	5.3	5.49	40		
21	5.3	5.291	40	*	
22	5.3	5.645	40		
23	5.3	5.377	40		
24	5.3	5.318	40	*	
25	5.3	5.408	40		
26	5.3	5.386	40		
27	5.3	5.589	40		
28	5.3	5.394	40		
29	5.3	5.671	40		
30	5.3	5.272	40		
31	5.3	5.653	40		
32	5.3	5.696	40		

33	5.3	5.634	40	
34	5.3	5.321	40	*
35	5.3	5.344	40	
36	5.3	5.468	40	
37	5.3	5.508	40	
38	5.3	5.515	40	
39	5.3	5.474	40	
40	5.3	5.382	40	
41	5.3	5.686	40	
42	5.3	5.701	40	
43	5.3	5.439	40	
44	5.3	5.398	40	
45	5.3	5.673	40	
46	5.3	5.414	40	
47	5.3	5.258	40	
48	5.3	5.603	40	
49	5.3	5.256	40	
50	5.3	5.312	40	*
51	5.3	5.545	40	
52	5.3	5.367	40	
53	5.3	5.722	40	
54	5.3	5.652	40	
55	5.3	5.368	40	
56	5.3	5.361	40	
57	5.3	5.431	40	
58	5.3	5.286	40	
59	5.3	5.284	40	
60	5.3	5.643	40	
61	5.3	5.254	40	
62	5.3	5.475	40	
63	5.3	5.453	40	
64	5.3	5.555	40	
65	5.3	5.457	40	
66	5.3	5.467	40	
67	5.3	5.713	40	
68	5.3	5.323	40	*
69	5.3	5.425	40	
70	5.3	5.434	40	
71	5.3	5.563	40	
72	5.3	5.53	40	
73	5.3	5.504	40	
74	5.3	5.403	40	
75	5.3	5.69	40	
76	5.3	5.278	40	
77	5.3	5.393	40	
78	5.3	5.478	40	
79	5.3	5.42	40	
80	5.3	5.353	40	
81	5.3	5.336	40	
82	5.3	5.594	40	
83	5.3	5.544	40	
84	5.3	5.292	40	*
85	5.3	5.492	40	
86	5.3	5.452	40	
87	5.3	5.721	40	
88	5.3	5.332	40	

89	5.3	5.541	40		
90	5.3	5.407	40		
91	5.3	5.629	40		
92	5.3	5.346	40		
93	5.3	5.685	40		
94	5.3	5.526	40		
95	5.3	5.657	40		
96	5.3	5.339	40		
97	5.3	5.502	40		
98	5.3	5.444	40		
99	5.3	5.251	40		
100	5.3	5.362	40		
Trail 26					
1	5.3	5.639	40		Yes
2	5.3	5.296	40	*	
3	5.3	5.293	40	*	
4	5.3	5.437	40		
5	5.3	5.387	40		
6	5.3	5.529	40		
7	5.3	5.677	40		
8	5.3	5.39	40		
9	5.3	5.657	40		
10	5.3	5.492	40		
11	5.3	5.634	40		
12	5.3	5.401	40		
13	5.3	5.418	40		
14	5.3	5.403	40		
15	5.3	5.564	40		
16	5.3	5.473	40		
17	5.3	5.526	40		
18	5.3	5.721	40		
19	5.3	5.537	40		
20	5.3	5.327	40	*	
21	5.3	5.5	40		
22	5.3	5.546	40		
23	5.3	5.618	40		
24	5.3	5.354	40		
25	5.3	5.575	40		
26	5.3	5.301	40	*	
27	5.3	5.723	40		
28	5.3	5.716	40		
29	5.3	5.578	40		
30	5.3	5.545	40		
31	5.3	5.441	40		
32	5.3	5.624	40		
33	5.3	5.284	40		
34	5.3	5.263	40		
35	5.3	5.542	40		
36	5.3	5.295	40	*	
37	5.3	5.603	40		
38	5.3	5.535	40		
39	5.3	5.644	40		
40	5.3	5.325	40	*	
41	5.3	5.712	40		
42	5.3	5.599	40		
43	5.3	5.438	40		

44	5.3	5.344	40	
45	5.3	5.371	40	
46	5.3	5.465	40	
47	5.3	5.43	40	
48	5.3	5.29	40	*
49	5.3	5.509	40	
50	5.3	5.479	40	
51	5.3	5.309	40	*
52	5.3	5.285	40	
53	5.3	5.711	40	
54	5.3	5.384	40	
55	5.3	5.326	40	*
56	5.3	5.431	40	
57	5.3	5.258	40	
58	5.3	5.69	40	
59	5.3	5.72	40	
60	5.3	5.652	40	
61	5.3	5.508	40	
62	5.3	5.643	40	
63	5.3	5.448	40	
64	5.3	5.598	40	
65	5.3	5.62	40	
66	5.3	5.463	40	
67	5.3	5.487	40	
68	5.3	5.58	40	
69	5.3	5.442	40	
70	5.3	5.559	40	
71	5.3	5.332	40	
72	5.3	5.708	40	
73	5.3	5.676	40	
74	5.3	5.446	40	
75	5.3	5.482	40	
76	5.3	5.298	40	*
77	5.3	5.4	40	
78	5.3	5.359	40	
79	5.3	5.443	40	
80	5.3	5.3	40	*
81	5.3	5.44	40	
82	5.3	5.472	40	
83	5.3	5.416	40	
84	5.3	5.49	40	
85	5.3	5.692	40	
86	5.3	5.475	40	
87	5.3	5.358	40	
88	5.3	5.6	40	
89	5.3	5.591	40	
90	5.3	5.324	40	*
91	5.3	5.346	40	
92	5.3	5.667	40	
93	5.3	5.517	40	
94	5.3	5.553	40	
95	5.3	5.481	40	
96	5.3	5.478	40	
97	5.3	5.547	40	
98	5.3	5.563	40	
99	5.3	5.272	40	

100	5.3	5.338	40		
Trail 27					
1	5.3	5.32	40	*	Yes
2	5.3	5.648	40		
3	5.3	5.297	40	*	
4	5.3	5.464	40		
5	5.3	5.258	40		
6	5.3	5.266	40		
7	5.3	5.593	40		
8	5.3	5.643	40		
9	5.3	5.579	40		
10	5.3	5.359	40		
11	5.3	5.603	40		
12	5.3	5.692	40		
13	5.3	5.67	40		
14	5.3	5.626	40		
15	5.3	5.635	40		
16	5.3	5.418	40		
17	5.3	5.513	40		
18	5.3	5.577	40		
19	5.3	5.381	40		
20	5.3	5.433	40		
21	5.3	5.653	40		
22	5.3	5.693	40		
23	5.3	5.302	40	*	
24	5.3	5.41	40		
25	5.3	5.531	40		
26	5.3	5.676	40		
27	5.3	5.377	40		
28	5.3	5.293	40	*	
29	5.3	5.307	40	*	
30	5.3	5.59	40		
31	5.3	5.392	40		
32	5.3	5.552	40		
33	5.3	5.528	40		
34	5.3	5.677	40		
35	5.3	5.34	40		
36	5.3	5.416	40		
37	5.3	5.708	40		
38	5.3	5.333	40		
39	5.3	5.384	40		
40	5.3	5.426	40		
41	5.3	5.454	40		
42	5.3	5.277	40		
43	5.3	5.29	40	*	
44	5.3	5.592	40		
45	5.3	5.479	40		
46	5.3	5.503	40		
47	5.3	5.407	40		
48	5.3	5.382	40		
49	5.3	5.477	40		
50	5.3	5.36	40		
51	5.3	5.706	40		
52	5.3	5.548	40		
53	5.3	5.346	40		
54	5.3	5.599	40		

55	5.3	5.321	40	*		
56	5.3	5.695	40			
57	5.3	5.331	40			
58	5.3	5.412	40			
59	5.3	5.685	40			
60	5.3	5.396	40			
61	5.3	5.254	40			
62	5.3	5.496	40			
63	5.3	5.655	40			
64	5.3	5.62	40			
65	5.3	5.703	40			
66	5.3	5.409	40			
67	5.3	5.274	40			
68	5.3	5.417	40			
69	5.3	5.483	40			
70	5.3	5.271	40			
71	5.3	5.535	40			
72	5.3	5.373	40			
73	5.3	5.325	40	*		
74	5.3	5.598	40			
75	5.3	5.264	40			
76	5.3	5.285	40			
77	5.3	5.673	40			
78	5.3	5.541	40			
79	5.3	5.421	40			
80	5.3	5.475	40			
81	5.3	5.261	40			
82	5.3	5.601	40			
83	5.3	5.563	40			
84	5.3	5.679	40			
85	5.3	5.687	40			
86	5.3	5.449	40			
87	5.3	5.395	40			
88	5.3	5.58	40			
89	5.3	5.675	40			
90	5.3	5.555	40			
91	5.3	5.315	40	*		
92	5.3	5.336	40			
93	5.3	5.313	40	*		
94	5.3	5.508	40			
95	5.3	5.6	40			
96	5.3	5.488	40			
97	5.3	5.357	40			
98	5.3	5.709	40			
99	5.3	5.532	40			
100	5.3	5.594	40			
Trail 28						Yes
1	5.3	5.511	40			
2	5.3	5.414	40			
3	5.3	5.266	40			
4	5.3	5.422	40			
5	5.3	5.556	40			
6	5.3	5.564	40			
7	5.3	5.616	40			
8	5.3	5.284	40			
9	5.3	5.643	40			

10	5.3	5.486	40	
11	5.3	5.448	40	
12	5.3	5.41	40	
13	5.3	5.504	40	
14	5.3	5.362	40	
15	5.3	5.444	40	
16	5.3	5.48	40	
17	5.3	5.374	40	
18	5.3	5.353	40	
19	5.3	5.576	40	
20	5.3	5.669	40	
21	5.3	5.471	40	
22	5.3	5.678	40	
23	5.3	5.541	40	
24	5.3	5.672	40	
25	5.3	5.606	40	
26	5.3	5.539	40	
27	5.3	5.535	40	
28	5.3	5.534	40	
29	5.3	5.679	40	
30	5.3	5.657	40	
31	5.3	5.492	40	
32	5.3	5.685	40	
33	5.3	5.321	40	*
34	5.3	5.371	40	
35	5.3	5.63	40	
36	5.3	5.575	40	
37	5.3	5.546	40	
38	5.3	5.473	40	
39	5.3	5.517	40	
40	5.3	5.723	40	
41	5.3	5.659	40	
42	5.3	5.27	40	
43	5.3	5.632	40	
44	5.3	5.497	40	
45	5.3	5.712	40	
46	5.3	5.29	40	*
47	5.3	5.466	40	
48	5.3	5.687	40	
49	5.3	5.385	40	
50	5.3	5.378	40	
51	5.3	5.32	40	*
52	5.3	5.447	40	
53	5.3	5.646	40	
54	5.3	5.36	40	
55	5.3	5.706	40	
56	5.3	5.586	40	
57	5.3	5.377	40	
58	5.3	5.566	40	
59	5.3	5.419	40	
60	5.3	5.259	40	
61	5.3	5.627	40	
62	5.3	5.391	40	
63	5.3	5.288	40	
64	5.3	5.594	40	
65	5.3	5.522	40	

66	5.3	5.296	40	*	
67	5.3	5.529	40		
68	5.3	5.45	40		
69	5.3	5.38	40		
70	5.3	5.338	40		
71	5.3	5.622	40		
72	5.3	5.577	40		
73	5.3	5.665	40		
74	5.3	5.311	40	*	
75	5.3	5.356	40		
76	5.3	5.49	40		
77	5.3	5.289	40		
78	5.3	5.262	40		
79	5.3	5.294	40	*	
80	5.3	5.445	40		
81	5.3	5.695	40		
82	5.3	5.662	40		
83	5.3	5.452	40		
84	5.3	5.476	40		
85	5.3	5.559	40		
86	5.3	5.677	40		
87	5.3	5.718	40		
88	5.3	5.481	40		
89	5.3	5.342	40		
90	5.3	5.628	40		
91	5.3	5.269	40		
92	5.3	5.701	40		
93	5.3	5.51	40		
94	5.3	5.412	40		
95	5.3	5.604	40		
96	5.3	5.525	40		
97	5.3	5.588	40		
98	5.3	5.484	40		
99	5.3	5.454	40		
100	5.3	5.621	40		
Trail 29					
1	5.3	5.587	40		Yes
2	5.3	5.384	40		
3	5.3	5.258	40		
4	5.3	5.616	40		
5	5.3	5.304	40	*	
6	5.3	5.391	40		
7	5.3	5.321	40	*	
8	5.3	5.642	40		
9	5.3	5.718	40		
10	5.3	5.284	40		
11	5.3	5.403	40		
12	5.3	5.505	40		
13	5.3	5.529	40		
14	5.3	5.309	40	*	
15	5.3	5.341	40		
16	5.3	5.25	40		
17	5.3	5.322	40	*	
18	5.3	5.579	40		
19	5.3	5.495	40		
20	5.3	5.669	40		

21	5.3	5.256	40	
22	5.3	5.385	40	
23	5.3	5.413	40	
24	5.3	5.614	40	
25	5.3	5.532	40	
26	5.3	5.306	40	*
27	5.3	5.374	40	
28	5.3	5.625	40	
29	5.3	5.497	40	
30	5.3	5.288	40	
31	5.3	5.416	40	
32	5.3	5.575	40	
33	5.3	5.29	40	*
34	5.3	5.285	40	
35	5.3	5.492	40	
36	5.3	5.613	40	
37	5.3	5.51	40	
38	5.3	5.372	40	
39	5.3	5.608	40	
40	5.3	5.624	40	
41	5.3	5.702	40	
42	5.3	5.345	40	
43	5.3	5.528	40	
44	5.3	5.316	40	*
45	5.3	5.481	40	
46	5.3	5.523	40	
47	5.3	5.469	40	
48	5.3	5.54	40	
49	5.3	5.463	40	
50	5.3	5.422	40	
51	5.3	5.565	40	
52	5.3	5.303	40	*
53	5.3	5.556	40	
54	5.3	5.685	40	
55	5.3	5.557	40	
56	5.3	5.434	40	
57	5.3	5.462	40	
58	5.3	5.428	40	
59	5.3	5.694	40	
60	5.3	5.551	40	
61	5.3	5.3	40	*
62	5.3	5.342	40	
63	5.3	5.615	40	
64	5.3	5.452	40	
65	5.3	5.351	40	
66	5.3	5.594	40	
67	5.3	5.386	40	
68	5.3	5.629	40	
69	5.3	5.56	40	
70	5.3	5.406	40	
71	5.3	5.541	40	
72	5.3	5.707	40	
73	5.3	5.628	40	
74	5.3	5.518	40	
75	5.3	5.657	40	
76	5.3	5.274	40	

77	5.3	5.266	40		
78	5.3	5.712	40		
79	5.3	5.421	40		
80	5.3	5.399	40		
81	5.3	5.302	40	*	
82	5.3	5.34	40		
83	5.3	5.531	40		
84	5.3	5.425	40		
85	5.3	5.328	40	*	
86	5.3	5.559	40		
87	5.3	5.577	40		
88	5.3	5.714	40		
89	5.3	5.44	40		
90	5.3	5.658	40		
91	5.3	5.42	40		
92	5.3	5.564	40		
93	5.3	5.388	40		
94	5.3	5.327	40	*	
95	5.3	5.656	40		
96	5.3	5.467	40		
97	5.3	5.538	40		
98	5.3	5.71	40		
99	5.3	5.415	40		
100	5.3	5.464	40		
Trail 30					
1	5.3	5.596	40		Yes
2	5.3	5.69	40		
3	5.3	5.676	40		
4	5.3	5.675	40		
5	5.3	5.503	40		
6	5.3	5.707	40		
7	5.3	5.414	40		
8	5.3	5.58	40		
9	5.3	5.63	40		
10	5.3	5.491	40		
11	5.3	5.388	40		
12	5.3	5.498	40		
13	5.3	5.425	40		
14	5.3	5.527	40		
15	5.3	5.564	40		
16	5.3	5.525	40		
17	5.3	5.26	40		
18	5.3	5.443	40		
19	5.3	5.361	40		
20	5.3	5.468	40		
21	5.3	5.287	40		
22	5.3	5.576	40		
23	5.3	5.426	40		
24	5.3	5.704	40		
25	5.3	5.608	40		
26	5.3	5.621	40		
27	5.3	5.291	40	*	
28	5.3	5.581	40		
29	5.3	5.285	40		
30	5.3	5.511	40		
31	5.3	5.271	40		

32	5.3	5.625	40	
33	5.3	5.524	40	
34	5.3	5.66	40	
35	5.3	5.658	40	
36	5.3	5.35	40	
37	5.3	5.298	40	*
38	5.3	5.307	40	*
39	5.3	5.623	40	
40	5.3	5.514	40	
41	5.3	5.459	40	
42	5.3	5.356	40	
43	5.3	5.364	40	
44	5.3	5.545	40	
45	5.3	5.589	40	
46	5.3	5.327	40	*
47	5.3	5.724	40	
48	5.3	5.647	40	
49	5.3	5.496	40	
50	5.3	5.378	40	
51	5.3	5.602	40	
52	5.3	5.418	40	
53	5.3	5.46	40	
54	5.3	5.392	40	
55	5.3	5.29	40	*
56	5.3	5.308	40	*
57	5.3	5.672	40	
58	5.3	5.549	40	
59	5.3	5.273	40	
60	5.3	5.543	40	
61	5.3	5.319	40	*
62	5.3	5.513	40	
63	5.3	5.537	40	
64	5.3	5.45	40	
65	5.3	5.405	40	
66	5.3	5.407	40	
67	5.3	5.476	40	
68	5.3	5.261	40	
69	5.3	5.439	40	
70	5.3	5.517	40	
71	5.3	5.554	40	
72	5.3	5.387	40	
73	5.3	5.645	40	
74	5.3	5.657	40	
75	5.3	5.304	40	*
76	5.3	5.428	40	
77	5.3	5.633	40	
78	5.3	5.597	40	
79	5.3	5.689	40	
80	5.3	5.279	40	
81	5.3	5.648	40	
82	5.3	5.563	40	
83	5.3	5.65	40	
84	5.3	5.362	40	
85	5.3	5.542	40	
86	5.3	5.447	40	
87	5.3	5.71	40	

88	5.3	5.262	40		
89	5.3	5.311	40	*	
90	5.3	5.659	40		
91	5.3	5.508	40		
92	5.3	5.31	40	*	
93	5.3	5.409	40		
94	5.3	5.562	40		
95	5.3	5.507	40		
96	5.3	5.421	40		
97	5.3	5.38	40		
98	5.3	5.59	40		
99	5.3	5.642	40		
100	5.3	5.664	40		

Document history

Version	Applied changes	Date of release
	Initial release	2016-01-04