Annex I

CETECOM™

CETECOM ICT Services

consulting - testing - certification

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Table of contents

Sample parameter data sheets

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	No
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	No
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	No
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	No
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	No
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	Yes
6	27	2.9	218	Yes
7	24	2.6	221	Yes
8	29	5	185	No
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	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	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 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	Yes
3	18	7.5	200	Yes
4	18	9.9	465	Yes
5	17	9	424	No
6	18	6.4	200	Yes
7	16	8.1	491	Yes
8	16	9.5	274	Yes
9	18	8.7	427	No
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	No
17	16	6.9	266	Yes
18	17	7.1	465	Yes
19	18	6.2	218	No
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	No
3	18	7.5	200	Yes
4	18	9.9	465	Yes
5	17	9	424	No
6	18	6.4	200	Yes
7	16	8.1	491	No
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	No
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	Yes
5	15	14.8	461	No
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	No
11	14	18.5	236	Yes
12	14	16.8	223	Yes
13	12	13	317	No
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	Yes
24	15	13.7	213	No
25	12	15.5	312	Yes
26	15	12.4	252	Yes
27	15	18	262	Yes
28	15	17	211	No
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	No
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	Yes
24	15	13.7	213	No
25	12	15.5	312	Yes
26	15	12.4	252	Yes
27	15	18	262	No
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	No
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	No
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							

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	No
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	No
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	No
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	No
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	No
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 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		No
2	5.3	5.43	20		
3	5.3	5.286	20		
4	5.3	5.637	20		
5	5.3	5.499	20		
6	5.3	5.533	20		
7	5.3	5.425	20		
8	5.3	5.325	20		
9	5.3	5.274	20		
10	5.3	5.391	20		
11	5.3	5.371	20		
12	5.3	5.498	20		
13	5.3	5.611	20		
14	5.3	5.451	20		
15	5.3	5.7	20		
16	5.3	5.557	20		
17	5.3	5.403	20		
18	5.3	5.535	20		
19	5.3	5.489	20		
20	5.3	5.321	20		
21	5.3	5.574	20		
22	5.3	5.486	20		
23	5.3	5.526	20		
24	5.3	5.683	20		
25	5.3	5.706	20		
26	5.3	5.649	20		
27	5.3	5.661	20		
28	5.3	5.385	20		
29	5.3	5.389	20		
30	5.3	5.449	20		
31	5.3	5.358	20		
32	5.3	5.613	20		
33	5.3	5.351	20		
34	5.3	5.278	20		
35	5.3	5.515	20		
36	5.3	5.719	20		
37	5.3	5.571	20		
38	5.3	5.577	20		
39	5.3	5.357	20		
40	5.3	5.63	20		
41	5.3	5.666	20		
42	5.3	5.505	20		
43	5.3	5.494	20		
44	5.3	5.585	20		
45	5.3	5.261	20		
46	5.3	5.417	20		
47	5.3	5.324	20		

48	5.3	5.281	20		
49	5.3	5.591	20		
50	5.3	5.438	20		
51	5.3	5.713	20		
52	5.3	5.648	20		
53	5.3	5.524	20		
54	5.3	5.323	20		
55	5.3	5.406	20		
56	5.3	5.668	20		
57	5.3	5.479	20		
58	5.3	5.362	20		
59	5.3	5.41	20		
60	5.3	5.663	20		
61	5.3	5.304	20	*	
62	5.3	5.398	20		
63	5.3	5.308	20	*	
64	5.3	5.658	20		
65	5.3	5.416	20		
66	5.3	5.341	20		
67	5.3	5.488	20		
68	5.3	5.552	20		
69	5.3	5.568	20		
70	5.3	5.369	20		
71	5.3	5.514	20		
72	5.3	5.572	20		
73	5.3	5.52	20		
74	5.3	5.659	20		
75	5.3	5.301	20	*	
76	5.3	5.619	20		
77	5.3	5.464	20		
78	5.3	5.512	20		
79	5.3	5.696	20		
80	5.3	5.638	20		
81	5.3	5.485	20		
82	5.3	5.516	20		
83	5.3	5.607	20		
84	5.3	5.482	20		
85	5.3	5.653	20		
86	5.3	5.421	20		
87	5.3	5.71	20		
88	5.3	5.276	20		
89	5.3	5.545	20		
90	5.3	5.493	20		
91	5.3	5.562	20		
92	5.3	5.368	20		
93	5.3	5.313	20		
94	5.3	5.284	20		
95	5.3	5.49	20		
96	5.3	5.681	20		
97	5.3	5.675	20		
98	5.3	5.407	20		
99	5.3	5.632	20		
100	5.3	5.382	20		
Trail 7					
1	5.3	5.651	20		Yes
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		No
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					
1	5.3	5.652	20		Yes
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		No
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		Yes
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	5.557	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					
1	5.3	5.651	20		Yes
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					
1	5.3	5.652	20		Yes
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		Yes
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		

Document history

Version	Applied changes	Date of release
	Initial release	2015-11-09