

Käänepisteet 30.01.2004 RM							
Koordinaatit WGS84, ast:min.1/1000							
1	60:44.550N	024:07.080E	124M	ASFTH	Räyskälä EFRY	airfield	122.650
2	60:45.130N	023:54.580E	0.0M	ST	Porras	T-junction	
3	60:45.700N	024:16.920E	0.0M	ST	Topeno	T-junction	
4	60:54.100N	024:17.440E	0.0M	ST	Renko	crossroads	
5	60:54.550N	023:51.820E	0.0M	ST	Lautaporras	crossroads	
6	60:31.990N	024:14.340E	0.0M	T	Karkkila	crossroads	
7	60:49.520N	023:35.050E	0.0M	T	Forssa risteys	crossroads	
8	60:46.880N	024:09.770E	0.0M	ST	Vojakkala	crossroads	
9	60:49.680N	024:01.000E	0.0M	ST	Lietsa	crossroads	
10	60:41.120N	024:01.100E	0.0M	ST	Liesjärvi	tower	
11	60:38.774N	023:52.385E	0.0M	T	Kärkölä	T-junction	
12	60:37.330N	023:31.210E	0.0M	T	Somero	bridge	
13	60:54.970N	024:38.930E	0.0M	T	Turenki	silos	
14	60:46.270N	024:47.080E	0.0M	T	Riihimäki	bridge (railroad)	
15	61:03.800N	024:23.540E	0.0M	T	Hattula	bridge	
16	60:27.740N	023:39.090E	116M	TA	Kiikala EFIK	airfield	123.600
17	61:06.890N	024:02.250E	0.0M	T	Kuurila	T-junction	
18	60:49.420N	024:40.030E	0.0M	T	Tervakoski	crossroads	
19	60:58.270N	024:28.400E	0.0M	T	Hämeenlinna	crossroads	
20	60:34.239N	023:43.884E	0.0M	T	Somerniemi	crossroads	
21	60:39.180N	024:52.880E	131M	TA	Hyvinkää EFHV	airfield	122.500
22	60:57.210N	023:20.360E	0.0M	T	Humpila	crossroads	
23	61:04.880N	023:32.120E	0.0M	T	Ujala	crossroads	
24	60:50.650N	025:01.710E	0.0M	T	Mommila	bridge	
25	60:40.610N	023:06.000E	0.0M	T	Koski(west)	crossroads	
26	61:12.190N	024:29.320E	0.0M	T	Alvettula	bridge	
27	60:50.480N	023:04.200E	0.0M	T	Loimaa	silos	
28	60:22.816N	024:15.515E	0.0M	T	Vihti	crossroads	
29	60:21.694N	024:10.218E	0.0M	ST	Hiidenvesi	bridge	
30	60:20.033N	024:17.783E	112M	STA	Nummela EFNU	airfield	123.600
31	61:06.320N	024:51.510E	0.0M	T	Syrjäntaka	crossroads	
32	60:52.830N	025:16.120E	0.0M	T	Järvelä	crossroads	
34	60:16.070N	023:25.060E	0.0M	T	Toija	T-junction	
35	60:23.610N	023:07.890E	0.0M	T	Salo	crossroads	
36	61:06.740N	023:06.360E	0.0M	T	Punkalaidun	T-junction	
37	61:18.190N	024:47.810E	0.0M	T	Kuohijoki	bridge	
38	60:52.370N	022:44.630E	101M	TA	Oripää EFOP	airfield (hangar)	123.200
39	61:00.770N	025:10.270E	0.0M	T	Hämeenkoski	T-junction	
40	60:58.900N	025:29.200E	0.0M	T	Hollola	T-junction	
41	60:49.600N	025:31.640E	0.0M	T	Tuuliharja	crossroads	
43	61:28.960N	024:42.310E	0.0M	T	Pohja	crossroads	
44	61:20.610N	025:14.870E	0.0M	T	Padasjoki	crossroads	
45	61:10.170N	022:40.540E	0.0M	T	Lauttakylä	crossroads	
46	60:11.260N	022:52.090E	0.0M	T	Strömman	bridge	
47	59:58.960N	023:25.780E	0.0M	T	Tammisaari	T-junction	
48	61:08.610N	025:41.390E	153M	STA	Vesivehmaa EFLA	airfield	123.400
49	61:11.660N	025:06.460E	0.0M	T	Iso-Evo	school building	
50	60:28.382N	023:58.956E	0.0M	T	Pusula	crossroads	
51	60:57.320N	025:56.080E	0.0M	T	Nastola	bridge	
52	60:44.620N	026:03.350E	0.0M	T	Artjärvi	T-junction	
53	61:15.860N	022:24.860E	0.0M	T	Riste	silos	
54	60:58.360N	022:07.960E	0.0M	T	Honkilahti	crossroads	

55	61:42.570N	024:37.950E	0.0M	T	Eräslahti	railroad embank	
56	61:46.330N	024:01.420E	157M	TA	Teisko EFTS	airfield	123.150
57	61:14.730N	022:11.590E	45M	TA	Piikajärvi EFPI	airfield	123.550
58	60:53.670N	026:20.240E	0.0M	T	Kausala	crossroads	
59	61:33.120N	022:45.780E	0.0M	T	Suodenniemi	bridge	
60	60:12.251N	024.00.105E	0.0M	T	Lohja	tower	
61	61:18.010N	026:04.680E	0.0M	T	Lusi	T-junction	
62	60:43.510N	026:24.990E	0.0M	T	Elimäki	T-junction	
63	61:02.970N	026:29.360E	0.0M	T	Jaala	church	
64	61:46.710N	022:42.970E	154M	TA	Jämi EFJM	airfield	123.650
65	61:34.760N	026:00.440E	0.0M	T	Hartola	crossroads	
66	61:03.850N	026:47.750E	127M	STA	Selänpää EFSE	airfield	123.200
67	61:59.680N	023:00.760E	0.0M	T	Parkano	crossroads	
68	61:49.070N	022:22.100E	0.0M	T	Kankaanpää	crossroads	
69	60:22.819N	023:57.465E	0.0M	T	Saukkola	crossroads	
70	60:35.199N	023:15.235E	0.0M	T	Kuusjoki	tower	
71	62:07.850N	024:30.210E	0.0M	T	Kolho	bridge	
72	61:05.360N	027:03.680E	0.0M	T	Tuohikotti	crossroads	
73	62:15.030N	023:47.010E	0.0M	T	Virrat	crossroads	
74	61:27.190N	027:15.860E	0.0M	T	Pellosniemi	T-junction	
75	60:55.710N	027:35.020E	0.0M	T	Taavetti	crossroads	
76	61:59.900N	026:38.920E	0.0M	T	Kangasniemi	bridge	
77	62:30.510N	022:43.540E	0.0M	T	Jalasjärvi	T-junction	
79	60:46.329N	023:20.714E	0.0M	T	Ypäjä	crossroads	
80	61:02.479N	023:45.976E	0.0M	T	Riisikkala	tower	
81	62:15.960N	026:59.900E	119M	TA	Naarajärvi EFPK	airfield	123.200
82	61:53.900N	027:48.190E	0.0M	T	Juva	crossroads	
83	62:37.900N	027:06.300E	0.0M	T	Suonenjoki	crossroads	
84	63:11.280N	026:20.450E	0.0M	T	Keitele	bridge	
85	61:03.734N	022:56.220E	0.0M	T	Kanteenmaa	crossroads	
86	60:51.087N	022:05.583E	0.0M	T	Laajoki	crossroads	
87	60:57.660N	024:52.310E	0.0M	T	Saloinen	crossroads	
88	61:05.944N	025:13.178E	0.0M	T	Putula	crossroads	
89	60:52.236N	025:49.190E	0.0M	T	Heinämaa	crossroads	
90	61:06.791N	025:55.426E	0.0M	T	Vierumäki	bridge	
91	61:04.975N	026:11.125E	0.0M	T	Koskenniska	bridge	
92	61:03.905N	026:49.770E	0.0M	T	Anttila	crossroads	
93	61:11.968N	027:41.175E	0.0M	T	Savitaipale	church	
94	61:03.693N	027:48.245E	0.0M	T	Lemi	crossroads	
95	60:41.538N	027:02.793E	0.0M	T	Sippola	TV-mast	
96	60:40.392N	027:35.077E	0.0M	T	Pitkälampi	bridge	
97	61:19.572N	027:27.033E	0.0M	T	Suomenniemi	crossroads	
98	60:39.817N	026:44.750E	25M	TA	Wredeby EFWB	airfield	123.550
99	60:34.283N	026:53.767E	68M	TA	Kymi EFKY	airfield	123.550
102	60:48.117N	023:38.703E	99M	TA	Forssa EFFO	airfield	123.150
103	61:02.383N	022:35.500E	90M	TA	Vampula EFVP	airfield	123.550
104	61:06.967N	022:12.083E	79M	TA	Eura EFEU	airfield	123.550
105	61:14.983N	028:54.217E	103M	TA	Immola EFIM	airfield	123.600
106	62:33.283N	023:34.400E	124M	TA	Alavus EFAL	airfield	123.500
107	63:42.703N	025:23.700E	107M	TA	Haapajärvi EFHJ	airfield	123.150
108	62:15.467N	024:20.050E	162M	T	Haapamäki EFHI	airfield	123.500
109	61:41.417N	023:04.450E	137M	TA	Hämeenkyrö EFHM	airfield	123.150
110	63:55.233N	024:05.200E	103M	TA	Kannus EFKN	airfield	123.450
111	62:27.800N	022:23.467E	124M	TA	Kauhajoki EFKJ	airfield	118.450
112	62:56.800N	023:31.133E	101M	TA	Menkijärvi EFME	airfield	123.500

113	63:07.517N	025:07.450E	153M	TA	Kivijärvi EFKV	airfield	123.500
114	63:23.867N	024:01.833E	122M	TA	Sulkaharju EFVT	airfield	123.500
115	62:41.617N	022:49.917E	91M	TA	Seinäjäki EFSI	airfield	123.600
138	61:44.850N	023:55.520E	0.0M	ST	Valaatta	bridge	
145	62:52.636N	024:56.819E	0.0M	T	Karstula	crossroads	
146	62:14.986N	025:10.925E	0.0M	T	Petäjavesi	bridge	
147	62:01.971N	025:35.918E	0.0M	T	Korpilahti	T-junction	
148	61:53.630N	024:06.720E	0.0M	T	Jämkipohja	crossroads	
149	61:51.110N	025:10.725E	0.0M	T	Jämsä	crossroads	
150	62:32.810N	024:04.026E	0.0M	T	Ähtäri	bridge	
151	62:59.749N	023:49.012E	0.0M	T	Alajärvi	bridge	
152	63:21.595N	023:27.870E	0.0M	T	Evijärvi	crossroads	
153	61:10.637N	024:33.811E	0.0M	T	Hauho	T-junction	
155	61:59.618N	022:15.361E	0.0M	T	Honkajoki	bridge	
156	61:46.576N	023:01.205E	0.0M	T	Ikaalinen	Spa bldg	
157	62:06.698N	021:57.154E	0.0M	T	Isojoki	bridge	
159	61:49.237N	022:42.353E	0.0M	T	Jämijärvi kk	T-junction	
162	61:55.957N	025:20.860E	0.0M	T	Juokslahti	bridge	
163	62:40.552N	021:58.914E	0.0M	T	Jurva	T-junction	
164	62:28.000N	023:05.786E	0.0M	T	Kalakoski	bridge	
165	61:17.483N	025:40.364E	0.0M	T	Kalkkinen	Canal	
167	62:07.989N	022:33.472E	0.0M	T	Karvia	T-junction	
168	62:12.781N	022:17.880E	0.0M	T	Kauhajärvi	T-junction	
169	61:57.409N	024:06.409E	0.0M	T	Kautunvuolle	bridge	
170	62:15.463N	024:40.520E	0.0M	T	Keuruu	Railway bridge	
171	62:11.872N	023:10.557E	0.0M	T	Kihniö	T-junction	
172	62:23.398N	023:52.805E	0.0M	T	Killinkoski	bridge	
174	62:04.567N	025:09.823E	0.0M	T	Koskenpää	bridge	
175	61:33.468N	025:11.009E	0.0M	T	Kuhmoinen	bridge	
176	62:49.159N	023:30.306E	0.0M	T	Kuortane	Sports institute (bldg)	
177	62:37.209N	022:24.411E	0.0M	T	Kurikka	bridge	
178	61:53.116N	023:44.140E	0.0M	T	Kuru	bridge	
179	63:02.577N	024:33.639E	0.0M	T	Kyyjärvi	crossroads	
180	61:35.797N	022:35.137E	0.0M	T	Lavia	crossroads	
181	62:49.073N	023:56.592E	0.0M	T	Lehtimäki	crossroads	
183	62:01.586N	024:37.701E	0.0M	T	Mänttä	Paper mill	
185	62:23.969N	024:47.437E	0.0M	T	Multia	bridge	
186	63:12.899N	024:24.945E	0.0M	T	Perho	crossroads	
187	62:40.392N	024:48.204E	0.0M	T	Pyлкönmäki	T-junction	
188	61:24.591N	024:43.030E	0.0M	T	Rautajärvi	T-junction	
190	62:52.391N	024:12.383E	0.0M	T	Soini	crossroads	
194	61:28.508N	022:33.459E	0.0M	T	Tervahauta	crossroads	
195	62:37.648N	023:48.744E	0.0M	T	Töysä	T-junction	
196	63:02.015N	024:07.676E	0.0M	T	Uusikylä	T-junction	
197	61:49.244N	022:11.940E	0.0M	T	Venesjärvi	T-junction	
199	62:07.063N	023:55.527E	0.0M	T	Visuvesi	Canal	
200	62:56.531N	022:30.881E	0.0M	T	Ylistaro	bridge	
301	63:25.450N	028:07.450E	145M	TA	Rautavaara EFRA	airfield	123.500
302	63:23.967N	027:28.733E	100M	TA	Lapinlahti EFLI	airfield	123.500
303	63:37.917N	027:07.333E	117M	TA	Iisalmi EFII	airfield	123.550
304	62:09.967N	030:04.417E	111M	TA	Kitee EFIT	airfield	123.450
305	63:42.333N	026:36.983E	157M	TA	Kiuruvesi EFRV	airfield	123.500
306	61:43.733N	029:23.617E	77M	TA	Punkaharju EFPN	airfield	123.450
307	63:07.350N	025:48.967E	110M	TA	Viitasaari EFVI	airfield	123.500
308	61:41.183N	027:12.000E	100M	TA	Mikkeli EFMI	airfield	123.000

309	62:10.267N	027:52.117E	87M	TA	Varkaus EFVR	airfield	120.400
310	63:43.750N	025:55.917E	161M	TA	Pyhäsalmi EFPY	airfield	121.600
311	62:03.933N	028:21.400E	89M	TA	Rantasalmi EFRN	airfield	123.200
313	63:30.717N	029:37.750E	114M	TA	Liekka-Nurmes EFLN	airfield	123.400
321	61:30.299N	025:41.173E	0.0M	T	Sysmä	crossroads	
322	61:25.777N	026:52.760E	0.0M	T	Mäntyharju	bridge	
323	61:44.986N	026:06.531E	0.0M	T	Joutsa	T-junction	
324	61:49.952N	025:49.513E	0.0M	T	Tammijärvi	T-junction	
325	61:55.077N	026:07.009E	0.0M	T	Leivonmäki	crossroads	
326	61:45.863N	027:18.682E	0.0M	T	Hirola	highway strip	
327	62:15.041N	026:10.352E	0.0M	T	Lievestuore	crossroads	
328	62:01.117N	027:12.259E	0.0M	T	Haukivuori	bridge	
329	62:21.440N	026:33.902E	0.0M	T	Hankasalmi	crossroads	
330	61:50.345N	027:39.722E	0.0M	T	Kilpola	T-junction	
331	62:07.866N	027:26.725E	0.0M	T	Virtasalmi	bridge	
332	62:17.195N	027:05.961E	0.0M	T	Pieksämäki	crossroads	
333	62:39.461N	026:02.645E	0.0M	T	Sumiainen	crossroads	
334	62:22.621N	027:26.353E	0.0M	T	Jäppilä	crossroads	
335	62:37.739N	026:47.728E	0.0M	T	Rautalampi	crossroads	
336	62:29.704N	027:45.327E	0.0M	T	Leppävirta	crossroads	
337	62:25.434N	028:38.089E	0.0M	T	Heinävesi	crossroads	
338	62:48.531N	028:29.664E	0.0M	T	Tuusniemi	crossroads	
339	62:43.873N	029:00.542E	0.0M	T	Outokumpu	tower	
340	62:31.816N	029:23.316E	0.0M	T	Liperi	crossroads	
341	62:58.554N	028:29.804E	0.0M	T	Kaavi	T-junction	
342	63:08.110N	028:29.044E	0.0M	T	Viiitaniemi	crossroads	
343	62:50.970N	029:20.428E	0.0M	T	Polvijärvi	crossroads	
344	62:48.222N	030:09.400E	0.0M	T	Eno	bridge	
345	62:39.943N	030:56.364E	0.0M	T	Ilomantsi	bridge	
346	63:14.886N	029:16.228E	0.0M	T	Juuka	T-junction	
347	63:20.561N	028:27.822E	0.0M	T	Hankamäki	crossroads	
348	63:40.366N	027:31.535E	0.0M	T	Sonkajärvi	crossroads	
349	63:41.310N	028:47.869E	0.0M	T	Valtimo	crossroads	
501	65:24.133N	026:56.817E	121M	TA	Pudasjärvi EFPU	airfield	123.200
502	65:58.383N	026:21.917E	165M	TA	Ranua EFRU	airfield	123.500
503	64:53.717N	025:45.133E	29M	TA	Ahmosuo EFAH	airfield	123.400
504	64:30.117N	026:45.600E	135M	TA	Vaala EFVL	airfield	123.500
505	63:59.350N	025:44.617E	106M	TA	Kärsämäki EFKR	airfield	123.550
506	64:06.783N	025:30.250E	96M	TA	Haapavesi EFHP	airfield	123.550
507	64:03.283N	024:43.517E	77M	TA	Ylivieska EFYL	airfield	122.500
511	63:52.206N	027:26.643E	0.0M	T	Sukeva	crossroads	
512	63:52.624N	026:48.572E	0.0M	T	Vieremä	highway strip	
513	64:06.827N	027:05.716E	0.0M	T	Otanmäki	bridge	
514	64:05.900N	026:20.536E	0.0M	T	Pyhäntä	crossroads	
515	64:15.945N	025:52.218E	0.0M	T	Pulkkila	crossroads	
516	64:30.439N	025:39.227E	0.0M	T	Rantsila	crossroads	
517	64:45.637N	026:25.093E	0.0M	T	Utajärvi	T-junction	
518	64:57.339N	026:59.068E	0.0M	T	Juorkuna	T-junction	
519	65:16.124N	026:33.196E	0.0M	T	Kipinä	T-junction	
520	65:29.909N	027:56.079E	0.0M	T	Jurmu	T-junction	
521	65:41.531N	026:40.749E	0.0M	T	Kokkokylä	T-junction	
901	60:20.269N	024:57.224E	55M	A	Helsinki EFHK	VOR/DME HELSINKI	118.600
902	60:30.911N	022:15.392E	49M	A	Turku EFTU	VOR/DME RUSKO	118.300
903	60:53.838N	026:55.768E	103M	A	Utti EFUT	VOR/DME UTTI	130.800
904	61:02.343N	028:07.083E	106M	A	Lappeenranta EFLP	VOR/DME VILMAS	120.200

905	61:24.595N	023:34.660E	119M	A	T:re Pirkkala EFTP	VOR/DME PIRKKA	118.700
906	61:27.876N	021:47.751E	13M	A	Pori EFPO	VOR/DME PREVIK	120.400
907	61:51.273N	024:48.156E	146M	A	Halli EFHA	VOR/DME HALLI	128.900
908	61:57.161N	028:54.844E	95M	A	Savonlinna EFSA	VOR/DME LINNA	118.800
909	62:25.247N	025:37.400E	140M	A	Jyväskylä EFJY	VOR/DME LUONET	118.000
910	62:39.630N	029:36.631E	121M	A	Joensuu EFJO	VOR/DME JOSIE	120.900
911	62:58.786N	027:48.831E	98M	A	Kuopio EFKU	VOR/DME VEKAA	120.150
912	63:02.482N	021:45.892E	6M	A	Vaasa EFVA	VOR/DME VAASA	119.300
913	64:16.952N	027:39.347E	147M	A	Kajaani EFKI	VOR/DME KAINUU	118.100
914	63:07.350N	023:03.355E	46M	A	Kauhava EFKA	VOR/DME KAUHAVA	122.800
915	64:55.893N	025:21.557E	14M	A	Oulu EFOU	VOR/DME OULU	124.400
916	66:33.752N	025:49.225E	197M	A	Rovaniemi EFRO	VOR/DME ROVANI	129.900
950	67:36.217N	023:58.300E	225M	A	Aavahelukka EFAA	airfield	123.500
952	64:58.017N	024:42.267E	002M	A	Hailuoto EFHL	airfield	123.400
953	59:50.733N	023:04.933E	006M	A	Hanko EFHN	airfield	123.600
954	68:42.683N	025:45.167E	480M	A	Jäkäläpää EFJP	airfield	123.500
955	64:13.717N	023:49.583E	013M	A	Kalajoki EFKO	airfield	123.400
956	66:42.950N	027:09.433E	211M	A	Kemijärvi EFKM	airfield	123.500
957	64:06.750N	029:26.317E	174M	A	Kuhmo EFKH	airfield	123.500
958	60:14.817N	020:48.283E	002M	A	Kumlinge EFKG	airfield	123.400
959	68:39.617N	025:42.167E	465M	A	Martiniiskonpalo EFMP	airfield	123.500
960	60:34.350N	025:30.533E	041M	A	Mäntsälä EFMN	airfield	123.500
961	68:08.733N	025:49.367E	260M	A	Pokka EFPA	airfield	123.150
962	64:41.283N	024:41.750E	036M	A	Raaha EFRF	airfield	123.500
963	60:31.200N	024:49.900E	071M	A	Savikko EFNS	airfield	123.500
964	64:49.317N	028:42.617E	165M	A	Suomussalmi EFSU	airfield	123.500
965	60:04.750N	024:10.333E	005M	A	Torbacka EFTO	airfield	123.600
966	68:05.233N	027:07.433E	260M	A	Vuotso EFVU	airfield	123.500
967	68:21.867N	023:25.650E	306M	A	Enontekiö EFET	airfield	122.450
968	68:36.650N	027:24.833E	147M	A	Ivalo EFIV	airfield	118.000
969	65:46.750N	024:35.083E	018M	A	Kemi EFKE	airfield	119.400
970	67:41.917N	024:50.883E	196M	A	Kittilä EFKT	airfield	122.800
971	63:43.217N	023:08.350E	026M	A	Kokkola EFKK	airfield	120.100
972	65:59.417N	029:13.917E	264M	A	Kuusamo EFKS	airfield	120.400
973	60:15.233N	025:02.650E	018M	A	Malmi EFHF	airfield	118.900