

# Summits on the Air

## Finland (OH)

### Association Reference Manual



Document Reference	S24.1
Issue number	1.2
Date of issue	01-May-2010
Participation start date	01-Apr-2008

Authorised	Date: 01-Mar-2008 obo SOTA Management Team
Association Manager	Jaakko Koivuniemi – OH7BF
SOTA:	an original concept by G3WGV and developed with G3CWI

#### Notice

“Summits on the Air” SOTA and the SOTA logo are trademarks of the Programme. This document is copyright of the Programme. All other trademarks and copyrights referenced herein are acknowledged.

## Table of contents

<b>1 CHANGE CONTROL</b> .....	<b>3</b>
<b>2 ASSOCIATION REFERENCE DATA</b> .....	<b>4</b>
2.1 PROGRAMME DERIVATION .....	4
2.2 GENERAL INFORMATION .....	4
2.3 RIGHTS OF WAY AND ACCESS ISSUES.....	5
2.3 MAPS AND NAVIGATION .....	5
2.4 SAFETY CONSIDERATIONS.....	5
2.5 DISCLAIMER .....	6
<b>3 SUMMIT REFERENCE DATA</b> .....	<b>7</b>
3.1 REGION REFERENCE – JÄRVI-SUOMI .....	7
3.1.1 <i>Regional notes</i> .....	7
3.1.2 <i>Table of summits</i> .....	7
3.2 REGION REFERENCE – KILPISJÄRVI-PALLAS .....	9
3.2.1 <i>Regional notes</i> .....	9
3.2.2 <i>Table of summits</i> .....	9
3.3 REGION REFERENCE – KUUSAMON YLÄNKÖ .....	11
3.3.1 <i>Regional notes</i> .....	11
3.3.2 <i>Table of summits</i> .....	11
3.4 REGION REFERENCE – MUOTKATUNTURIT .....	13
3.4.1 <i>Regional notes</i> .....	13
3.4.2 <i>Table of summits</i> .....	13
3.5 REGION REFERENCE – SAARISELKÄ-LEMMENJOKI.....	14
3.5.1 <i>Regional notes</i> .....	14
3.5.2 <i>Table of summits</i> .....	14

## 1 Change Control

Date	Version	Details
01-Mar-08	1.0	First formal issue of this document
01-Feb-09	1.1	Correct positions for KI-010, MU-001 and KU-025 Correct names for KU-002 and KU-013
01-May-10	1.2	Add P100 summits south from N66 and new summits north of N65 with P150. These summits were collected by OH6FQI using Landsat January 2010 with DEM data from <a href="http://www.viewfinderpanoramas.org">http://www.viewfinderpanoramas.org</a> . New region Järvi-Suomi (JS) or Lakeland Finland was added to southern part of Finland. Move KU-018, KU-022, KU-024 and KU-025 to JS-region. Move KU-014 to SL-region. Remove KI-014, KI-040, MU-017 and SL-030 due to prominence below 100 m.

## 2 Association Reference Data

Association	Finland (OH)
Commencement date	01 April 2008
Regions	Järvi-Suomi (JS-xxx) Kilpisjärvi-Pallas (KI-xxx) Kuusamon ylänkö (KU-xxx) Muotkatunturit(MU-xxx) Saariselkä-Lemmenjoki (SL-xxx)
Association parameters <sup>1</sup>	
Summit operation criteria	Operation must be within 25m vertically of the summit
Band 1, score 1 point	<400m ASL
Band 2, score 2 points	>=400m ASL, <500m ASL
Band 3, score 4 points	>=500m ASL, <600m ASL
Band 4, score 6 points	>=600m ASL, <700m ASL
Band 5, score 8 points	>=700m ASL, <800m ASL
Band 6, score 10 points	>=800m
Seasonal bonus	Yes
Bonus rationale	short daylight north of Arctic Circle
Min. height for bonus	3 Points for activations >=400m ASL
Bonus period dates	1 November to 29 February inclusive
Association sponsored awards	None
Association Manager	Jaakko Koivuniemi OH7BF <a href="mailto:oh7bf@sral.fi">oh7bf@sral.fi</a>

### 2.1 Programme derivation

Finland SOTA is an extension of similar programmes already active in other countries. Originally the summits were collected from 1:100 000 and 1:50 000 outing maps from Finnish Lapland and Kuusamo regions. In January 2010 a more careful study of the topographic data was done by Jaakko Mäntymaa OH6FQI with the Landserf programme. The Digital Elevation Model (DEM) data from <http://www.viewfinderpanoramas.org> was used. Many new summits were identified in Lapland and with P100 the central and southern lake areas of Finland found previously undiscovered low altitude SOTA summits. Like in the Marilyn programme of Great Britain, the *relative* height of summits is compared to their surroundings and defined as a minimum of 100 m climb from the surrounding cols in order to qualify. In Finland often a nearby large lake or sea gives a good reference for first estimation of relative height. If the altitude difference is less than 100 m, the summit is not a qualifying SOTA summit.

The activators are asked to submit details of proposed additional summits to the Association Manager [oh7bf@sral.fi](mailto:oh7bf@sral.fi) together with any supporting documentation. If the summit meets the SOTA criteria it will be added to the list. Summits cannot be counted for points until a reference number has been allocated by the Association Manager. The same address should be used for any other proposed amendments.

### 2.2 General information

While the southern part of Finland is dominated by lakes, there are low mountains or fells in the Lapland and Kuusamo regions. These areas are sparsely populated. The distances

<sup>1</sup> See General Rules for parameter definitions

between settlements are long with large wild areas in between. While Lapland is mostly populated by Finns, there is also Sami minority. The Sami language belongs to the Finno-Ugric language group. Many of the fells have a Sami name, where the Finnish 'tunturi' or 'vaara' is replaced by 'oaivi'.

The coldest month in Sodankylä is January with typical temperatures between -5 and -25 °C and the warmest is July with temperatures from +11 °C to +19 °C. The temperature records from past hundred years are about -50 °C and +32 °C. In Kilpisjärvi snow melts on the fells typically in the beginning of June and the lakes become free of ice around midsummer. Permanent snow coverage comes usually in the beginning of October and the Kilpisjärvi lake is frozen in November.

North of the Arctic Circle the sun does not rise above the horizon at least one day in the winter (so called polar night) while in the summer it does not set (polar day). In clear weather during the dark hours the northern lights or auroras are commonly observed. The Sodankylä Geophysical Observatory <http://www.sgo.fi> can give information on coming and past geomagnetic storms.

### **2.3 Rights of way and access issues**

In the National Parks hiking, skiing, row boating and canoeing are allowed except in restricted areas. In the Strict Nature Reserves, for scientific purposes, walking is only allowed on marked paths. Many of the fell areas in northern Lapland do not have footpaths. This is true for the Muotkatunturi region. On the eastern Schengen area border with Russia moving in the border zone is only allowed with a special permission. More information on border zones can be found from <http://raja.fi>.

Campfires can only be lit with the landowner's permission. In the National Parks fire can be made only in lean-to shelters, cookery sheds and campfire sites. Making fire is forbidden on dry summer days when there is an alert for forest fires (metsäpalovaroitus). Camping is only allowed in the marked places. In the Wilderness Areas moving and camping can usually be done anywhere. For the everyman's right in Finland, a detailed brochure by the Finnish Ministry of the Environment is available at <http://www.environment.fi/everymansright>. More information on different rights and responsibilities can be found from <http://outdoors.fi>.

### **2.3 Maps and navigation**

Outing maps are available from <http://www.karttakeskus.fi/>. These are 1:50 000 or 1:100 000 maps with hiking and skiing routes, snow mobile routes, and fell huts. The outing maps cover only certain popular regions and there is no full coverage. More detailed 1:25 000 topographical maps are available from anywhere in Finland. Metsähallitus has a good online outing map service at <http://www.retkikartta.fi>.

The maps have Finnish KKJ and YKJ national grid coordinates. In KKJ the grid is given with the longitude and latitude degrees and minutes. In YKJ the longitude 27 degrees east corresponds to the east coordinate 3500 km. The north coordinate is distance from equator in kilometres. In the new maps also ETRS89 (EUREFFIN) coordinates are printed. This coordinate system is used in this manual. It agrees with the WGS84 in about 1 meter. See <http://www.karttapaikka.fi> for details.

### **2.4 Safety considerations**

Finland is quite safe for outdoor activities. The cold weather conditions in winter are probably the most serious problem. During summer months mosquitoes and blackflies are annoying, but otherwise they are harmless. From the wild animals elks or bears attack people only rarely. Frozen lakes and rivers should be crossed with care since the ice can be thin due to current even in cold winter days. Snow avalanches happen from time to time on steep slopes, but are not as common as in Alps. The ski stations can provide more information on

this risk. For the weather conditions consult the Finnish Meteorological Institute at <http://fmi.fi>.

Orienteering in Lapland is important since it is easy to get lost. Once lost there is usually nobody to ask the way and next road or village can be 10 – 50 km away. This is especially true for northern Lapland. Careful planning at home before the expedition is needed. Though the general coverage of mobile phones is good, there are gaps in the networks in the remote areas. The activator needs to carry warm and dry spare clothes and some food supply since there are not many grocery stores available. Compass and map are always necessary.

## **2.5 Disclaimer**

Hiking, hill-walking and rock-climbing are potentially dangerous activities. The SOTA Management Team and their associates assume no responsibility for accidents. Each participant does so at his or her own risk, and must decide, on the basis of their own ability, whether an objective is achievable. The listing of a summit in the reference does not mean that it is easy to reach, and it is always worth seeking local advice for all but the simplest of expeditions.

### 3 Summit Reference Data

#### 3.1 Region Reference – Järvi-Suomi

Association	Finland (OH)
Region	Järvi-Suomi (JS-xxx)
Region manager	Jaakko Mäntymaa OH6FQI

##### 3.1.1 Regional notes

Järvi-Suomi includes summits from the Finnish Lakeland south from Oulujärvi and Kuhmo. The prominences in this area are usually below 150 m with few exceptions like the Ukko-Koli 347 m at the Pielinen Lake with prominence of 212 m. Some of the summits are on small lake islands. The summits are near major cities and popular holiday locations.

##### 3.1.2 Table of summits

SOTA	Alt(m)	Alt(ft)	NAME	Lat N	Long E	Locator	Valid from	Valid to	Pts
JS-001	367	1206	Naulavaara	63.88749	28.24187	KP43CV	01/05/10		1
JS-002	350	1148	Losonvaara	64.07444	27.91270	KP34WB	01/05/10		1
JS-003	348	1144	Pölnmäki	63.37992	27.12962	KP33NJ	01/05/10		1
JS-004	347	1139	Ukko-Koli	63.09437	29.80874	KP43VC	01/05/10		1
JS-005	345	1132	Porttivaara	64.08303	28.23294	KP44CB	01/05/10		1
JS-006	315	1033	Tahkovaara	63.18363	29.08208	KP43ME	01/05/10		1
JS-007	315	1033	Ryläys	63.04089	29.82834	KP43VA	01/05/10		1
JS-008	314	1032	Välimäki	63.28323	27.99367	KP33XG	01/05/10		1
JS-009	313	1029	Kinahmi	63.19406	27.98651	KP33XE	01/05/10		1
JS-010	313	1029	Ansavaara	64.03060	28.23558	KP44CA	01/05/10		1
JS-011	302	992	Räsävaara	63.12882	29.72740	KP43UD	01/05/10		1
JS-012	295	968	Kakaranvaara	63.06497	29.00406	KP43MB	01/05/10		1
JS-013	274	902	Härkönurmi	63.45890	28.25436	KP43DL	01/05/10		1
JS-014	274	901	Tyrävaara	63.61767	30.18544	KP53CO	01/05/10		1
JS-015	270	887	Pisa	63.21637	28.32500	KP43DF	01/05/10		1
JS-016	268	882	Kiiskilänmäki	62.50184	25.15297	KP22NM	01/05/10		1
JS-017	268	880	Mustavaara	62.82781	30.06342	KP52AT	01/05/10		1
JS-018	262	861	Käränkävaara	63.15390	29.80763	KP43VD	01/05/10		1
JS-019	260	853	Ikolanvaara	63.38871	29.62157	KP43TJ	01/05/10		1
JS-020	257	844	Uutelanmäki	62.08113	25.43074	KP22RB	01/05/10		1
JS-021	247	812	Rauvanvaara	62.84658	28.91237	KP42KU	01/05/10		1
JS-022	245	803	Konnannaara	63.43476	29.55335	KP43SK	01/05/10		1
JS-023	242	795	Rintalanmäki	62.48103	25.72040	KP22UL	01/05/10		1
JS-024	242	795	Katajamäki	63.27850	27.06378	KP33MG	01/05/10		1
JS-025	240	790	Tammimäki	61.83384	25.99394	KP21XU	01/05/10		1
JS-026	240	787	Oinosenmäki	62.86258	27.38145	KP32QU	01/05/10		1
JS-027	236	776	Honkamäki	62.95771	27.10614	KP32NW	01/05/10		1
JS-028	235	773	Puntarhonganmäki	62.04306	26.07331	KP32AB	01/05/10		1
JS-029	231	760	Känkänmäki	62.64785	25.56450	KP22SP	01/05/10		1
JS-030	230	754	Puijo	62.90956	27.65544	KP32TV	01/05/10		1
JS-031	230	754	Kaipolanvuori	61.89499	25.06875	KP21MV	01/05/10		1
JS-032	229	754	Lauhanvuori	62.15231	22.17445	KP12CD	01/05/10		1
JS-033	227	746	Pyhämäki	62.67457	25.46231	KP22RQ	01/05/10		1
JS-034	227	745	Himosvuori	61.88243	25.32093	KP21PV	01/05/10		1
JS-035	226	741	Loukkuvuori	62.64339	25.83275	KP22VP	01/05/10		1
JS-036	223	733	Iso Rajamäki	62.50928	26.37189	KP32EM	01/05/10		1
JS-037	222	730	Tiirismaa	61.00693	25.52523	KP21SA	01/05/10		1

## Summits on the Air – ARM for Finland (OH)

SOTA	Alt(m)	Alt(ft)	NAME	Lat N	Long E	Locator	Valid from	Valid to	Pts
JS-038	220	724	Kammiovuori	61.69772	25.70293	KP21UQ	01/05/10		1
JS-039	220	721	Väisälänmäki	63.34538	27.23747	KP33OI	01/05/10		1
JS-040	219	720	Uuhimäki	62.97056	27.75317	KP32VX	01/05/10		1
JS-041	217	713	Konttimäki	62.90102	28.50284	KP42GV	01/05/10		1
JS-042	217	713	Kivivuori	61.90202	25.68484	KP21UV	01/05/10		1
JS-043	217	713	Karhuvaara	63.29136	29.42275	KP43RG	01/05/10		1
JS-044	215	708	Leppämäki	62.71914	26.11180	KP32BR	01/05/10		1
JS-045	215	705	Vieruvuori	61.79111	24.72910	KP21IS	01/05/10		1
JS-046	215	705	Ahovaara	63.30994	29.51443	KP43SH	01/05/10		1
JS-047	212	697	Ukko-Vanu	62.80411	27.62878	KP32TT	01/05/10		1
JS-048	210	689	Varmanmäki	61.84523	25.68834	KP21UU	01/05/10		1
JS-049	208	684	Kutumäki	62.55690	27.08145	KP32MN	01/05/10		1
JS-050	206	677	Katsomakivenvuori	61.77850	26.45982	KP31FS	01/05/10		1
JS-051	205	673	Pyykkivuori	62.35548	26.19830	KP32CI	01/05/10		1
JS-052	203	667	Haukivuori	61.71209	25.57006	KP21SR	01/05/10		1
JS-053	202	664	Pekkolänmäki	62.36318	28.81745	KP42JI	01/05/10		1
JS-054	202	664	Murtolahdenselänne	62.16004	25.86377	KP22WD	01/05/10		1
JS-055	200	656	Vierunmäki	62.91173	27.98366	KP32XV	01/05/10		1
JS-056	200	656	Riihivuori	62.10775	25.68924	KP22UC	01/05/10		1
JS-057	197	648	Kanavuori	62.24041	25.90086	KP22WF	01/05/10		1
JS-058	195	639	Lullinvuori	62.09208	25.74879	KP22UC	01/05/10		1
JS-059	194	638	Vanhamäki	62.55075	28.06830	KP42AN	01/05/10		1
JS-060	190	623	Niikokallio	62.12784	29.12978	KP42ND	01/05/10		1
JS-061	190	623	Karhuvuori	62.52342	28.32401	KP42DM	01/05/10		1
JS-062	190	623	Hevovuori	61.72435	25.36678	KP21QR	01/05/10		1
JS-063	185	610	Tupsuvuori	61.45017	25.32205	KP21PK	01/05/10		1
JS-064	185	607	Sormiovuori	61.71645	25.44407	KP21RR	01/05/10		1
JS-065	181	595	Isovuori	61.69425	25.65301	KP21TQ	01/05/10		1
JS-066	180	590	Jyränvuori	61.45423	23.10065	KP11NK	01/05/10		1

## 3.2 Region Reference – Kilpisjärvi-Pallas

<b>Association</b>	<b>Finland (OH)</b>
Region	Kilpisjärvi-Pallas (KI-xxx)
Region manager	Refer to Association Manager

### 3.2.1 Regional notes

The highest mountains in Finland are in the Kilpisjärvi region. The Kilpisjärvi-Pallas region includes all the summits on the west side and the north-west arm of Finnish Lapland. The common boundary marker of Finland, Norway and Sweden is in the most west part of the Malla Strict Nature Reserve. The highest fell entirely inside Finland is the Ritnichohkka 1315m, while the Halti 1328m is on the border line with Norway. In the Pallas-Yllästunturi National Park the highest summit is the Taivaskero 809m. It has also the highest prominence value 514 m in Finland.

### 3.2.2 Table of summits

SOTA	Alt(m)	Alt(ft)	NAME	Lat N	Long E	Locator	Valid from	Valid to	Pts
<b>KI-001</b>	1328	4357	Halti	69.30806	21.26528	KP09PH	01/04/08		10
<b>KI-002</b>	1315	4315	Ritnichohkka	69.28389	21.34028	KP09QG	01/04/08		10
<b>KI-003</b>	1082	3550	Duolljehuiipput	69.10389	21.10833	KP09NC	01/04/08		10
<b>KI-004</b>	1029	3376	Termisvaara	69.01028	21.24528	KP09OA	01/04/08		10
<b>KI-005</b>	1029	3376	Saana	69.04389	20.85611	KP09KB	01/04/08		10
<b>KI-006</b>	1019	3343	Meekonvaara	69.16889	21.28444	KP09PE	01/04/08		10
<b>KI-007</b>	961	3153	Korkea Jehkas	69.08611	20.83472	KP09KC	01/04/08		10
<b>KI-008</b>	945	3101	Ropi	68.78278	21.67444	KP08US	01/04/08		10
<b>KI-009</b>	933	3061	Peeravaara	68.91000	21.13611	KP08NV	01/04/08		10
<b>KI-010</b>	907	2976	Viissettoaivi	68.82278	21.60194	KP08TT	01/04/08		10
<b>KI-011</b>	858	2815	Njarnatoaivi	68.84667	21.56556	KP08SU	01/04/08		10
<b>KI-012</b>	842	2763	Muurivaara	69.03639	21.05750	KP09MA	01/04/08		10
<b>KI-013</b>	809	2625	Taivaskero	68.07472	24.05389	KP28AB	01/04/08		10
<b>KI-014</b>	766	2513	Buoiddesoaivi	68.97167	21.66583	KP08TX	01/04/08	30/04/10	8
<b>KI-015</b>	737	2418	Lammasoaivi	68.78500	21.34361	KP08QS	01/04/08		8
<b>KI-016</b>	725	2379	Ounastunturi Outtakka	68.23389	23.82778	KP18VF	01/04/08		8
<b>KI-017</b>	719	2359	Ylläs	67.56222	24.22444	KP27CN	01/04/08		8
<b>KI-018</b>	715	2346	Ounastunturi Pyhäkero	68.32528	23.77111	KP18VH	01/04/08		8
<b>KI-019</b>	680	2231	Kalkkkoaivi	68.73639	22.11861	KP18BR	01/04/08		6
<b>KI-020</b>	672	2205	Vuontiskero	68.15056	24.03333	KP28AD	01/04/08		6
<b>KI-021</b>	655	2149	Sarvisoivi	68.63028	21.91778	KP08XP	01/04/08		6
<b>KI-022</b>	640	2100	Jierstivaara	68.64944	23.71194	KP18UP	01/04/08		6
<b>KI-023</b>	614	2014	Keimiötunturi	67.94528	24.13222	KP27BW	01/04/08		6
<b>KI-024</b>	610	2001	Lainiotunturi	67.64139	24.29389	KP27DP	01/04/08		6
<b>KI-025</b>	600	1968	Valkamapää	68.71722	24.20750	KP28CR	01/04/08		6
<b>KI-026</b>	590	1936	Tarvantovaara	68.60167	22.75944	KP18JO	01/04/08		4
<b>KI-027</b>	580	1903	Palolaki	68.64111	24.21000	KP28CP	01/04/08		4
<b>KI-028</b>	575	1886	Suukisvaara	68.57889	24.45972	KP28FN	01/04/08		4
<b>KI-029</b>	575	1886	Ruototunturi	68.18722	23.73917	KP18UE	01/04/08		4
<b>KI-030</b>	570	1870	Vuomavaara	68.58972	23.96806	KP18XO	01/04/08		4
<b>KI-031</b>	550	1804	Könkäsentunturi	68.15806	23.72472	KP18UD	01/04/08		4
<b>KI-032</b>	535	1755	Kesänki	67.61917	24.27472	KP27DO	01/04/08		4
<b>KI-033</b>	530	1739	Levi	67.78333	24.84750	KP27KS	01/04/08		4
<b>KI-034</b>	530	1739	Aakenustunturi Moloslaki	67.67389	24.53694	KP27GQ	01/04/08		4

SOTA	Alt(m)	Alt(ft)	NAME	Lat N	Long E	Locator	Valid from	Valid to	Pts
KI-035	511	1676	Olostunturi	67.92417	23.80861	KP17VW	01/04/08		4
KI-036	510	1673	Sammalvaara	68.30056	23.60333	KP18TH	01/04/08		4
KI-037	508	1667	Äkäskero	67.74833	24.16417	KP27BR	01/04/08		4
KI-038	505	1657	Raijanselkä	68.13833	23.80861	KP18VD	01/04/08		4
KI-039	505	1657	Kätkätunturi	67.78361	24.72528	KP27IS	01/04/08		4
KI-040	500	1640	Suastunturi	68.20361	23.99306	KP18XE	01/04/08	30/04/10	4
KI-041	490	1607	Särkitunturi	67.86833	23.95056	KP17XU	01/04/08		2
KI-042	450	1476	Pyhätunturi	67.77417	24.64306	KP27HS	01/04/08		2
KI-043	447	1466	Kukastunturi	67.65333	24.21833	KP27CP	01/04/08		2
KI-044	446	1463	Kolvakero	67.82083	24.20472	KP27CT	01/04/08		2
KI-045	440	1443	Sonkavaara	68.17722	23.32111	KP18PE	01/04/08		2
KI-046	425	1394	Keulakoppää	67.64000	25.83389	KP27WP	01/04/08		2
KI-047	417	1368	Haurespää	67.67028	25.72583	KP27UQ	01/04/08		2
KI-048	407	1335	Kaarestunturi Isolaki	67.58139	26.21194	KP37CN	01/04/08		2
KI-049	373	1224	Aalistunturi	67.02306	24.43111	KP27FA	01/04/08		1
KI-050	353	1158	Mustitunturi	66.91056	24.30500	KP26DV	01/04/08		1
KI-051	276	905	Lempainen	66.54778	23.97972	KP16XN	01/04/08		1
KI-052	1230	4036	Govddosgáisi	69.22326	21.17463	KP09OF	01/05/10		10
KI-053	1190	3905	Loassonibba	69.18613	21.07398	KP09ME	01/05/10		10
KI-054	1143	3750	Kahperusvaarat	69.14206	21.14734	KP09ND	01/05/10		10
KI-055	960	3150	Iso-Jehkas	69.05779	20.90631	KP09KB	01/05/10		10
KI-056	950	3117	Gohpevári	69.06915	21.36330	KP09QB	01/05/10		10
KI-057	950	3117	Beaivvásnjunnii	68.98549	21.07339	KP08MX	01/05/10		10
KI-058	718	2356	Látnjavárit	68.73490	21.48839	KP08RR	01/05/10		8
KI-059	705	2313	Palkaskero	68.05342	24.09626	KP28BB	01/05/10		8
KI-060	675	2215	Suppivaara	68.86759	21.26210	KP08PU	01/05/10		6
KI-061	658	2159	Urtivaara	68.74434	22.53511	KP18GR	01/05/10		6
KI-062	615	2018	Termisvaara	68.70480	23.67299	KP18UQ	01/05/10		6
KI-063	581	1906	Kumputunturi	67.72201	25.56168	KP27SR	01/05/10		4
KI-064	565	1854	Aakenustunturi Pallilaki	67.69128	24.47208	KP27FQ	01/05/10		4
KI-065	513	1683	Kätkätunturi Keskilaki	68.32654	25.11255	KP28NH	01/05/10		4
KI-066	479	1571	Mielmukkavaara	68.07256	23.44796	KP18RB	01/05/10		2
KI-067	457	1499	Paljaslaki	67.89943	24.35701	KP27EV	01/05/10		2
KI-068	446	1463	Kuertunturi	67.60310	24.08736	KP27BO	01/05/10		2
KI-069	431	1414	Kiuaskero	67.55594	23.80968	KP17VN	01/05/10		2
KI-070	430	1411	Paistipuolet	67.82357	26.24849	KP37CT	01/05/10		2
KI-071	409	1342	Niesakero	67.49586	24.09469	KP27BL	01/05/10		2
KI-072	381	1250	Iso-Kelhu	67.27867	24.38006	KP27EG	01/05/10		1
KI-073	352	1155	Olosvaara	66.96783	24.15969	KP26BX	01/05/10		1
KI-074	328	1076	Kaittiainen	66.85477	25.07763	KP26MU	01/05/10		1
KI-075	310	1017	Ritavaara	66.79610	24.11641	KP26BT	01/05/10		1
KI-076	295	968	Isolaki	66.75058	24.56667	KP26GS	01/05/10		1
KI-077	293	961	Kuusi-Lehtoselkä	66.72368	25.96129	KP26XR	01/05/10		1
KI-078	286	938	Kuusi-Romakka	66.69080	24.61550	KP26HQ	01/05/10		1
KI-079	265	869	Mustavaara	66.47985	23.88060	KP16WL	01/05/10		1
KI-080	243	797	Viisavaara	66.34930	23.80877	KP16VI	01/05/10		1
KI-081	243	797	Reväsvaara	66.29631	23.77524	KP16VH	01/05/10		1
KI-082	243	797	Aavasaksa	66.39792	23.72541	KP16UJ	01/05/10		1

### 3.3 Region Reference – Kuusamon ylänkö

Association	Finland (OH)
Region	Kuusamon ylänkö (KU-xxx)
Region manager	Refer to Association Manager

#### 3.3.1 Regional notes

The Kuusamon ylänkö is an area south from Tenniö river on eastern side of Lapland and Kuusamo down to Kuhmo-Kajaani. The Pyhä-Luosto, Rukatunturi and Iso-Syöte regions are included in the Kuusamon ylänkö.

#### 3.3.2 Table of summits

SOTA	Alt(m)	Alt(ft )	NAME	Lat N	Long E	Locator	Valid from	Valid to	Pts
KU-001	539	1768	Pyhän Noitatunturi	67.01389	27.14889	KP37NA	01/04/08		4
KU-002	514	1686	Ukko-Luosto	67.13944	26.89639	KP37KD	01/04/08		4
KU-003	504	1653	Peurakero	67.01278	27.09833	KP37NA	01/04/08		4
KU-004	500	1640	Kultakero	67.02194	27.21833	KP37OA	01/04/08		4
KU-005	493	1617	Rukatunturi	66.16528	29.15167	KP46ND	01/04/08		2
KU-006	478	1568	Iso Pyhätunturi	66.78139	28.80083	KP46JS	01/04/08		2
KU-007	472	1548	Ruuhitunturi	66.71556	28.77833	KP46JR	01/04/08		2
KU-008	465	1525	Riisitunturi	66.22306	28.55917	KP46GF	01/04/08		2
KU-009	453	1486	Vuotostunturi	67.08972	28.34111	KP47EC	01/04/08		2
KU-010	431	1414	Iso-Syöte	65.62556	27.60444	KP35TP	01/04/08		2
KU-011	407	1335	Peniöntunturi	66.44778	27.82028	KP36VK	01/04/08		2
KU-012	407	1335	Outitunturi	66.90528	27.28750	KP36PV	01/04/08		2
KU-013	406	1332	Keski-Luosto	67.18361	26.83778	KP37KE	01/04/08		2
KU-014	387	1269	Tongosoiva	67.26056	27.08806	KP37NG	01/04/08	30/04/10	1
KU-015	384	1260	Rännivaara	65.12111	27.94722	KP35XC	01/04/08		1
KU-016	373	1224	Soutaja	67.05556	27.26306	KP37PB	01/04/08		1
KU-017	373	1224	Kuirivaara	64.89278	27.87444	KP34WV	01/04/08		1
KU-018	368	1207	Naulavaara	63.88750	28.24194	KP43CV	01/04/08	30/04/10	1
KU-019	362	1187	Hyypiökivalo	66.32639	26.74472	KP36IH	01/04/08		1
KU-020	360	1181	Kaihuanvaara	66.36722	26.89389	KP36KI	01/04/08		1
KU-021	356	1168	Mairivaara	67.10694	27.17611	KP37OC	01/04/08		1
KU-022	347	1138	Ukko-Koli	63.09444	29.80889	KP43VC	01/04/08	30/04/10	1
KU-023	345	1132	Jaurakkavaara	65.11306	27.67222	KP35UC	01/04/08		1
KU-024	315	1033	Välimäki	63.28333	27.99361	KP33XG	01/04/08	30/04/10	1
KU-025	305	1000	Räsävaara	63.12861	29.72806	KP43UD	01/04/08	30/04/10	1
KU-026	469	1540	Iivaara	65.80160	29.67640	KP45UT	01/05/10		2
KU-027	432	1419	Penikkavaara	65.77731	29.71292	KP45US	01/05/10		2
KU-028	421	1384	Pyhitys	65.79183	28.30044	KP45DT	01/05/10		2
KU-029	415	1364	Kumpu-Vujenselkä	65.82412	27.78369	KP35VT	01/05/10		2
KU-030	395	1296	Jaaskamonvaara	65.73094	27.60732	KP35TR	01/05/10		1
KU-031	390	1279	Ahmavaara	65.69507	27.54908	KP35SQ	01/05/10		1
KU-032	387	1270	Pikku-Syöte	65.62321	27.69518	KP35UO	01/05/10		1
KU-033	385	1263	Peuravaara	64.64630	28.20280	KP44CP	01/05/10		1
KU-034	385	1263	Maaselkä	65.66169	27.79829	KP35VP	01/05/10		1
KU-035	385	1263	Iso Tuomivaara	64.78479	28.23261	KP44CS	01/05/10		1
KU-036	384	1261	Paljakka	64.73049	28.07580	KP44AR	01/05/10		1
KU-037	382	1255	Palovaara	65.99636	28.72132	KP45IX	01/05/10		1

SOTA	Alt(m)	Alt(ft )	NAME	Lat N	Long E	Locator	Valid from	Valid to	Pts
<b>KU-038</b>	381	1250	Närängänvaara	65.64397	29.66872	KP45UP	01/05/10		1
<b>KU-039</b>	377	1239	Varanganvaara	65.98081	28.21708	KP45CX	01/05/10		1
<b>KU-040</b>	377	1238	Välivaara	65.03072	27.89229	KP35WA	01/05/10		1
<b>KU-041</b>	377	1238	Aneenvaara	65.95793	27.94338	KP35XW	01/05/10		1
<b>KU-042</b>	376	1236	Kortevaara	65.67968	27.97794	KP35XQ	01/05/10		1
<b>KU-043</b>	375	1230	Hyvävaara	65.89578	28.55789	KP45GV	01/05/10		1
<b>KU-044</b>	370	1214	Iso Nuottivaara	65.06647	27.91734	KP35XB	01/05/10		1
<b>KU-045</b>	360	1181	Iso-Kärry	65.85399	28.36573	KP45EU	01/05/10		1
<b>KU-046</b>	355	1164	Pieni Tuomivaara	64.73717	28.25875	KP44DR	01/05/10		1
<b>KU-047</b>	345	1132	Teerivaara	65.64856	27.61870	KP35TP	01/05/10		1
<b>KU-048</b>	345	1132	Lotja	65.56754	27.72108	KP35UN	01/05/10		1
<b>KU-049</b>	332	1091	Talkkunaharju	65.10389	27.84245	KP35WC	01/05/10		1
<b>KU-050</b>	322	1058	Saukkovaara	64.44793	28.20776	KP44CK	01/05/10		1
<b>KU-051</b>	292	959	Raappananmäki	64.49474	27.58474	KP34TL	01/05/10		1
<b>KU-052</b>	292	959	Kivesvaara	64.46584	27.54564	KP34SL	01/05/10		1
<b>KU-053</b>	276	907	Leihuvaara	64.24266	27.96069	KP34XF	01/05/10		1
<b>KU-054</b>	267	877	Turpeisenvaara	65.19124	27.68558	KP35UE	01/05/10		1
<b>KU-055</b>	184	605	Keski-Penikka	65.87092	25.02821	KP25MU	01/05/10		1

### 3.4 Region Reference – Muotkatunturit

Association	Finland (OH)
Region	Muotkatunturit(MU-xxx)
Region manager	Refer to Association Manager

#### 3.4.1 Regional notes

The Muotkatunturit region includes also the Utsjoki-Kevo and Sevettijärvi-Nuorgam regions. Nuorgam is the most north village in Finland while Utsjoki is the most north town. The highest summit Guivi 641 m is in the Kevo Strict Nature Reserve. It can be accessed only by the marked paths from the Paistunturit Wilderness Area. The Muotkatunturit Wilderness Area does not have marked paths for hikers and has only few fell huts. On eastern side of this region there is the large Inari lake with only few low summits around it.

#### 3.4.2 Table of summits

SOTA	Alt(m)	Alt(ft)	NAME	Lat N	Long E	Locator	Valid from	Valid to	Pts
MU-001	641	2103	<a href="#">Guivi</a>	69.61861	26.42306	KP39FO	01/04/08		6
MU-002	620	2034	<a href="#">Ailigas Lanka</a>	69.42750	25.98806	KP29XK	01/04/08		6
MU-003	619	2031	<a href="#">Paistunturit Gaimmioaivi</a>	69.68083	26.37389	KP39EQ	01/04/08		6
MU-004	590	1936	<a href="#">Kuarvikozza</a>	69.09028	26.40278	KP39EC	01/04/08		4
MU-005	557	1827	<a href="#">Ahkovarri</a>	69.58333	26.11361	KP39BN	01/04/08		4
MU-006	545	1788	<a href="#">Taveed Gaisavarri</a>	69.08167	26.04000	KP39AB	01/04/08		4
MU-007	545	1788	<a href="#">Muotkatunturit Avzikesuaivi</a>	69.25056	26.06083	KP39AG	01/04/08		4
MU-008	545	1788	<a href="#">Jorba Kaisavarri</a>	69.04972	26.06639	KP39AB	01/04/08		4
MU-009	535	1755	<a href="#">Nuvvos Ailegas</a>	69.80694	26.29250	KP39DT	01/04/08		4
MU-010	515	1690	<a href="#">Nuhppir Toardnaalas</a>	69.30333	25.81528	KP29VH	01/04/08		4
MU-011	511	1676	<a href="#">Urretoaivi</a>	69.13528	26.26028	KP39DD	01/04/08		4
MU-012	502	1647	<a href="#">Buresoaivi</a>	69.16944	26.02167	KP39AE	01/04/08		4
MU-013	446	1463	<a href="#">Roavveoaivi</a>	69.85833	26.82694	KP39JU	01/04/08		2
MU-014	443	1453	<a href="#">Kuorboaivi</a>	69.68306	27.74667	KP39UQ	01/04/08		2
MU-015	435	1427	<a href="#">Tsuomasvarri</a>	69.87444	28.25889	KP49DU	01/04/08		2
MU-016	432	1417	<a href="#">Palopää Buollanoaivi</a>	69.86944	27.11750	KP39NU	01/04/08		2
MU-017	420	1378	<a href="#">Goahppeloaivi</a>	69.93861	26.80083	KP39JW	01/04/08	30/04/10	2
MU-018	397	1302	<a href="#">Etelä-Riutusvaara</a>	68.93750	25.85778	KP28WW	01/04/08		1
MU-019	568	1863	<a href="#">Peltoaivi</a>	69.15862	26.59953	KP39HD	01/05/10		4
MU-020	538	1765	<a href="#">Várddoaivi</a>	69.88087	26.54784	KP39GV	01/05/10		4
MU-021	500	1640	<a href="#">Davimus Sáddevárri</a>	69.01206	26.11141	KP39BA	01/05/10		4
MU-022	480	1575	<a href="#">Palopäät</a>	69.00508	26.41352	KP39EA	01/05/10		2
MU-023	465	1525	<a href="#">Suoppäjävruáivi</a>	69.13112	26.71735	KP39ID	01/05/10		2
MU-024	445	1460	<a href="#">Alla Gálddoaivi</a>	69.79363	27.79297	KP39VT	01/05/10		2
MU-025	437	1434	<a href="#">Alla-Bárit</a>	69.96061	27.48228	KP39RX	01/05/10		2
MU-026	338	1109	<a href="#">Surnupäät</a>	69.32539	29.05739	KP49MH	01/05/10		1
MU-027	285	935	<a href="#">Nammivaara</a>	69.16302	28.70635	KP49ID	01/05/10		1

### 3.5 Region Reference – Saariselkä-Lemmenjoki

<b>Association</b>	<b>Finland (OH)</b>
Region	Saariselkä-Lemmenjoki (SL-xxx)
Region manager	Refer to Association Manager

#### 3.5.1 Regional notes

The Saariselkä region is south from the large Inari lake. The Lemmenjoki National Park and Koilliskaira are included to the Saariselkä-Lemmenjoki region. The highest fell in the Saariselkä Wilderness Zone of Urho Kekkonen National Park is the Sokosti 718 m. The Hammastunturi Wilderness Area is north-west from this summit. The Terävä-Nattanen and Pyhä-Nattanen are in the Sompio Strict Nature Reserve and summits can be reached only using marked paths.

#### 3.5.2 Table of summits

SOTA	Alt(m)	Alt(ft)	NAME	Lat N	Long E	Locator	Valid from	Valid to	Pts
SL-001	718	2356	Sokosti	68.21917	28.13694	KP48BF	01/04/08		8
SL-002	689	2261	Vuomapää	68.17000	28.35500	KP48EE	01/04/08		6
SL-003	678	2224	Kuikkapää	68.29167	28.39972	KP48EH	01/04/08		6
SL-004	629	2064	Sorsatunturi	67.40667	29.63028	KP47TJ	01/04/08		6
SL-005	620	2034	Lupukkapää	68.26778	27.98222	KP38XG	01/04/08		6
SL-006	597	1959	Morgam-Viipus	68.64167	25.90444	KP28WP	01/04/08		4
SL-007	575	1886	Soabbegealdinoaivi	68.78194	25.79250	KP28VS	01/04/08		4
SL-008	555	1821	Stuorabogoaivi	68.78667	25.21000	KP28OS	01/04/08		4
SL-009	546	1791	Kiilopää	68.34139	27.50278	KP38SI	01/04/08		4
SL-010	544	1785	Jäkäläpää	68.74306	25.18806	KP28OR	01/04/08		4
SL-011	538	1765	Joutsintunturi	67.40222	29.15528	KP47NJ	01/04/08		4
SL-012	534	1752	Joenkielinen	68.71167	26.11722	KP38BR	01/04/08		4
SL-013	531	1742	Hammastunturi	68.59889	26.85750	KP38KO	01/04/08		4
SL-014	530	1739	Kaarnepää	68.32111	28.07194	KP48AH	01/04/08		4
SL-015	521	1709	Laskikuru	68.67306	25.84861	KP28WQ	01/04/08		4
SL-016	510	1673	Korkianokka	68.59944	27.03306	KP38MO	01/04/08		4
SL-017	494	1621	Pietarlauttanen	68.53611	26.71111	KP38IM	01/04/08		2
SL-018	484	1588	Appistunturit	68.64278	26.57111	KP38GP	01/04/08		2
SL-019	471	1545	Vahtamapää	68.39806	27.50222	KP38SJ	01/04/08		2
SL-020	466	1529	Kivipää	68.40583	27.64778	KP38TJ	01/04/08		2
SL-021	460	1509	Nivatunturi	67.30444	27.77028	KP37VH	01/04/08		2
SL-022	457	1499	Kurupää	68.59472	27.84167	KP38WO	01/04/08		2
SL-023	445	1460	Niekka	67.80000	28.66556	KP47HT	01/04/08		2
SL-024	438	1437	Kaunispää	68.43417	27.44389	KP38RK	01/04/08		2
SL-025	437	1434	Puilakkapää	68.36278	27.85694	KP38WI	01/04/08		2
SL-026	433	1420	Nukkumapää	68.81306	26.98167	KP38LT	01/04/08		2
SL-027	431	1414	Lapiopäät	68.67528	27.23250	KP38OQ	01/04/08		2
SL-028	418	1371	Otsamo	68.88389	26.83778	KP38KV	01/04/08		2
SL-029	417	1368	Palopää	68.45917	27.52417	KP38SL	01/04/08		2
SL-030	411	1348	Sarmitunturi	68.71417	28.30444	KP48DR	01/04/08	30/04/10	2
SL-031	354	1161	Riukuselkä	68.45472	28.04694	KP48AK	01/04/08		1
SL-032	340	1115	Luosma	68.95389	27.02417	KP38MW	01/04/08		1
SL-033	280	918	Saivarvaara	68.80611	27.76389	KP38VT	01/04/08		1
SL-034	665	2182	Reututunturi	68.19735	28.48251	KP48FE	01/05/10		6

SOTA	Alt(m)	Alt(ft)	NAME	Lat N	Long E	Locator	Valid from	Valid to	Pts
SL-035	645	2116	Pirttikallionvaara	68.19893	28.24848	KP48CE	01/05/10		6
SL-036	592	1942	Látnjoaivi	68.76182	25.67324	KP28US	01/05/10		4
SL-037	590	1936	Takkaselkänturi	67.47097	29.71175	KP47UL	01/05/10		4
SL-038	550	1804	Väriötuntureiden Viitonen	67.67085	29.58422	KP47TQ	01/05/10		4
SL-039	545	1788	Ruotmuttipää	68.18670	28.09854	KP48BE	01/05/10		4
SL-040	540	1772	Tuiskupäät	68.23324	27.86408	KP38WF	01/05/10		4
SL-041	540	1772	Terävä-Nattanen	68.16491	27.45371	KP38RD	01/05/10		4
SL-042	526	1726	Painopää	67.79658	28.06168	KP47AT	01/05/10		4
SL-043	521	1709	Karhutunturi	67.20205	29.11561	KP47NE	01/05/10		4
SL-044	508	1667	Pyhä-Nattanen	68.12249	27.37041	KP38QC	01/05/10		4
SL-045	507	1663	Akalauttapää	68.66137	28.41352	KP48EP	01/05/10		4
SL-046	483	1585	Koulumaova	67.46963	29.39573	KP47QL	01/05/10		2
SL-047	479	1571	Hanhipäät	68.73715	25.92458	KP28XR	01/05/10		2
SL-048	472	1548	Guovzuroaivi	68.83324	25.25816	KP28PT	01/05/10		2
SL-049	470	1542	Vintilätunturi	68.21678	27.70954	KP38UF	01/05/10		2
SL-050	470	1542	Lemmikäspalo	68.57722	25.72290	KP28UN	01/05/10		2
SL-051	470	1542	Jorpulipää	68.18235	27.16754	KP38OE	01/05/10		2
SL-052	470	1542	Jooseppitunturi	67.89026	28.40222	KP47EV	01/05/10		2
SL-053	463	1519	Takatunturi	67.28288	29.02017	KP47MG	01/05/10		2
SL-054	456	1496	Ahmatunturi	67.60679	29.27696	KP47PO	01/05/10		2
SL-055	455	1493	Oratunturi	67.36184	27.11564	KP37NI	01/05/10		2
SL-056	450	1476	Iso Kaitavaara	67.36357	28.61487	KP47HI	01/05/10		2
SL-057	445	1460	Vasatunturinniekkä	67.32887	27.83040	KP37VH	01/05/10		2
SL-058	441	1447	Vanhapää	68.68116	28.23752	KP48CQ	01/05/10		2
SL-059	440	1443	Tolospää	68.50129	27.15538	KP38NM	01/05/10		2
SL-060	430	1411	Vasatunturi	67.32271	27.92370	KP37XH	01/05/10		2
SL-061	425	1394	Naltiotunturi	67.96585	29.12183	KP47NX	01/05/10		2
SL-062	425	1394	Iso Suksivaara	67.99150	27.21215	KP37OX	01/05/10		2
SL-063	405	1329	Routsukainen	67.41407	28.39728	KP47EJ	01/05/10		2
SL-064	400	1312	Välipää	68.61070	27.21467	KP38OO	01/05/10		2
SL-065	395	1296	Politimanvaara	67.16425	29.23940	KP47OD	01/05/10		1
SL-066	385	1263	Tongosoiva	67.26056	27.08821	KP37NG	01/05/10		1
SL-067	385	1263	Naapää	68.60976	27.96767	KP38XO	01/05/10		1
SL-068	367	1204	Kenkipää	68.72123	27.36116	KP38QR	01/05/10		1
SL-069	365	1197	Sulkomavaara	68.60374	28.04626	KP48AO	01/05/10		1
SL-070	326	1069	Akku	68.79640	27.47635	KP38RT	01/05/10		1
SL-071	315	1033	Lehtivaara	68.98890	26.90131	KP38KX	01/05/10		1