



SOTA

- en innføring

LA1GPA Bjørn Terje
hos

LA4O

27.04.2015



Audio clip fra Youtube\LA1DSA Jan Erik:
'LA1GPA/P from SOTA AH-013 Varingskollen'

Innhold

- Hva er SOTA
- Hvem.
Activators, Chasers, SWL
- Hvordan delta.
Oversikt over regler
Spotting
Logging til SOTA database
- Hvor.
Finne gyldige topper
Topper i nærheten
- Poeng, Awards
- Utstyr
- Referanser, webressurser, app's, ...



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Hva er SOTA



- SOTA = Summits On The Air | «Fjelltopper på lufta»
- Portabel radiokjøring (evt QSO med portabel stasjon) satt i et system.
- Kombinerer tur/friluftsliv med radio.
- GØY : «Gjør alle dager til fieldday-dager».

Fra www.sota.org:

Summits on the Air (SOTA) is an award scheme for radio amateurs and shortwave listeners that encourages portable operation in mountainous areas. SOTA has carefully designed to make participation possible for everyone - this is not just for mountaineers!

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Typer av deltagere

- Activators: De som går til toppen
(fokus på activators i denne presentasjonen)
- Chasers: Har QSO med Activator
- Short Wave Listeners

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SOTA-General-Rules-April-2015.pdf - Adobe Acrobat Reader DC

Home Tools SOTA-General-Rule... x

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Summits on the Air General Rules



Document reference	S0.1
Issue number	1.20
Date of issue	30-Mar-2015

Authorised	SOTA Management Team	Date	01-Aug-2010
SOTA:	an original concept by G3WGV and developed with G3CWI		

3.7.1 Criteria for a valid Expedition (1) // ACTIVATORS



For an expedition to be considered valid, the following criteria must be met:

1. The Activator must hold an appropriate transmitting licence.
2. All operation must comply with the amateur radio licensing regulations and must use the permitted amateur radio bands of the country in which the Association is based.
// dvs alle band/modes
3. Operations must **not be in, or in the close vicinity of, a motor vehicle. No part of the station may be connected in any way with the motor vehicle.** However, the use of a bike (non-motorized) or animals to enter the Activation Zone is permitted. (see <http://reflector.sota.org.uk/t/first-activation-in-a-long-while/5619>)
4. The Operating Position must be within the **Activation Zone**. The operating position must lie within a closed contour line at the permitted maximum Vertical Distance below the summit. (Typically the contour line is **25 metres below peak height of the summit**). The Operating Position is taken to be the **position of the operator**.



3.7.1 Criteria for a valid Expedition (2)

For an expedition to be considered valid, the following criteria must be met:

5. All equipment must be carried to the site by the Activation team.
6. All equipment must be operated from a portable power source (batteries, solar cells, etc). Operation is expressly forbidden using permanently installed power sources or fossil-fuel generators of any kind.
7. All operation must comply with all limitations on the use of transmitting equipment that may exist for the Summit.
8. At least one QSO must be made from the Summit to qualify it as an activation. **In order for the activation to qualify for the points attributed to that Summit, a minimum of four QSOs must be made, each of which must be with a different station. QSOs must comprise an exchange of callsigns and signal reports, it is strongly recommended that the summit identifier be given during each contact.**
9. QSOs with others within the same Activation Zone do not count towards the QSO total.
10. QSOs via terrestrial repeaters do not count towards the QSO total. Contacts via artificial satellites or free balloon born repeaters are permitted.



3.7.1 Criteria for a valid Expedition (3)

For an expedition to be considered valid, the following criteria must be met:

11. Activator **points accrue to the operator regardless of the callsign used.**

The operator must

be entitled to use the callsign. **Multiple operators of the same station may claim activator points.** Each individual operator must make the minimum number of QSOs stated above in order to claim Activator points.

// eks LA4O

12. **Activators must submit a log of the Expedition in order to claim points.**

In the event that a claim is not to be made, Activators are still asked to submit logs so that Chaser claims can be substantiated. Logs may be submitted by filling in an entry form on the SOTA Database web site or as a log file. Full details are on the SOTA web site.

13. A summit that falls exactly on the border between two or more Associations may only be listed by one Association.

14. All SOTA operations are expected to be conducted in the spirit of the programme. ...

15 Where it is found that two associations share a border summit....



Oppsummering Activator regler:

- Portabel operasjon – ikke mobil
- Innenfor 25 høydemeter av toppen
- Samme topp gir poeng kun en gang pr kalenderår.
- 4 QSOs for godkjent topp
- Ikke bruk av repeater.
- Alle bånd & modes
- Logges til SOTA database



3.8 Rules for Chasers

1. The Chaser must hold an appropriate transmitting licence.
2. The Chaser must **make a QSO with the Summit Expedition, in which at least callsigns and two-way reports are exchanged. Wherever possible, the SOTA Reference Number should also be obtained as part of the QSO.**
3. With effect from 01-Jan-2004, only **one QSO with a given Summit on any one day** (defined as 00:00 to 23:59 UTC) counts for points.
4. QSOs via terrestrial **repeaters do not count** for points. QSOs via satellites, kites and balloons do count for points.
5. Chasers who wish to participate in the award scheme **must submit a log showing details of all QSOs** with Expeditions for which they wish to claim points.
6. QSL cards are not required, as the **SOTA database can be used to verify your QSOs.**
7. An Activator may claim Chaser points for QSOs made with Activators on other Summits during his Expedition.
8. The Summit score is claimed for a **single QSO with the Expedition.** Multiple QSOs with the same Expedition do not attract additional points.



Spotting via nett, f.eks : Sotawatch. Self-spotting normalt , også fremtidige aktiveringer

The screenshot shows the SOTAwatch2 website interface. At the top, there is a navigation bar with links for Home, Spots, Alerts, Reflector, Website, Summits, Database, Video, Photos, Shop, Mapping, and Facebook. Below this, there is a login section with fields for Callsign (LA1GPA) and Password, and buttons for Login, Register, and FAQs. The main content area is divided into two columns. The left column is titled 'Latest Spots' and contains a list of recent spot reports with details like time, call sign, frequency, and power. The right column is titled 'Reflector Latest' and contains a list of recent reflector messages with details like author, call sign, and time. At the bottom of the page, there are more navigation links for Home, Spots, Alerts, Reflector, Website, Database, Video, Photos, Shop, Mapping, and Facebook.

Time	Call Sign	Frequency	Power
Sat 10:11	OK1MLP/P on OK/ST-016	14.062 cw	
Sat 10:06	HA5CLF/P on HA/KM-008	7.031,4 cw	
Sat 10:02	HA5CLF/P on HA/KM-008	7.031 cw	
Sat 09:59	OK1MLP/P on OK/ST-016	10.117 cw	
Sat 09:58	OM3CUG/P on OM/ZA-106	10116,7 cw	
Sat 09:49	HA2PP/P on HA/KD-046	14.035 cw	

Time	Call Sign	Frequency
Sat 09:30	OM3CUG/P on OM/ZA-106	7-cw,10.1-cw,14-cw,18-cw,21-cw
Sat 09:30	HA7HF/P on HA/KM-008	10.118-cw,14.061-cw
Sat 09:40	EA2IF/P on EA2/NV-119	14-cw-ssb
Sat 10:00	OH3TIA/P on OH/JS-???	14.320-ssb,14.062-cw
Sat 10:00	OK8PKM/P on OK/MO-002	145.525-fm
Sat 10:00	LZ1GJ/P on LZ/SG-001	7-cw,14-cw,145-fm

- SMS – Text Message to SOTA gateway
- APRS – APRS Message to SOTA gateway

Logging til SOTA database:



www.sotadata.org.uk/AddActivation.aspx

Home Logon/Logoff View Results Summits Submit Log FAQ Welcome, LA1GPA

Submit Activation Log

a. Select the Association, Region and Summit

Association:	LA - Norway
Region:	AH (Akershus)
Summit:	LA/AH-013 (Varingskollen)

b. Enter the callsign you used for this activation

Callsign Used:

c. Select the date of the activation

Date:

<	April 2016							>
	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
	28	29	30	31	1	2	3	
	4	5	6	7	8	9	10	
	11	12	13	14	15	16	17	
	18	19	20	21	22	23	24	
	25	26	27	28	29	30	1	
	2	3	4	5	6	7	8	

Continue >>

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SOTA Results and Summits x About SOTA x

www.sotadata.org.uk

Apps Samsung WinLink Utvidelser ASUS Wireless Router Syn - DiskStation101j DSM Syn - DiskStation-410 Other bookmarks

Home Logon/Logoff View Results Summits Submit Log FAQ

SOTA and Summits Database


- List of all Summits
- Find Summit
- Most Popular Summits
- Recent Activations
- SOTA Mapping Project

Welcome to the Worldwide Summits On The Air

Summits on the Air is a programme that encourages radio amateurs who enjoy hill walking and the great outdoors to take their radios with them and operate from the mountain tops.

An award scheme recognises those who activate the summits and also those that make QSOs with the activators. The programme can be operated anywhere in the world.

For more information about the SOTA program in your area, please see the main website, <http://www.sota.org.uk>



www.sotadata.org.uk/summits.aspx



Browser window showing the URL www.sotadata.org.uk/summits.aspx. The browser title is "Første bruker".

Akershus Regional Details

Region Name:
Akershus

Region Code:
LA/AH-xxx

Region Manager:
Aage Grøseth LA1ENA

Contact:
la1ena.qrp@gmail.com

Notes:

Akershus is a county in Norway, bordering Hedmark, Oppland, Buskerud, Oslo and Østfold. It has a short border with Sweden (Värmland). Akershus is the second largest county in population after Oslo, with more than half a million inhabitants. The county is named after Akershus Fortress. The county administration is in Oslo, which is not part of the county per se. The county is conventionally divided into the traditional districts Follo and Romerike, which fill the vast part of the county, as well as the small enclave west off Oslo that consists off Asker and Bærum. This became the result after the transferring of the great municipality of Aker (surrounding Oslo) from Akershus county to Oslo in 1948.

Region Map:
[RegionMap](#)

Akershus Summits

SOTA Ref	Name	Alt (M)	Alt (Ft)	Latitude	Longitude	Locator	Points	No. of Activations	Last Activation	Last Call	History	Info
LA/AH-001	Lushaugen	812	2664	60.4308	10.6872	JP50ik	2	1	20/Jun/2009	LA1EBA/P	History	Info
LA/AH-002	Fjellsjøkampen	812	2664	60.4594	10.9403	JP50ll	2	1	01/May/2011	LA1EBA/P	History	Info
LA/AH-003	Korpehaugen	762	2500	60.4731	10.8189	JP50jl	2	0			History	Info
LA/AH-004	Rognhaugen	720	2362	60.4053	10.8783	JP50kj	2	0			History	Info
LA/AH-005	Skreikampen	698	2290	60.5678	11.1497	JP50nn	2	1	22/Sep/2012	LA1EBA/P	History	Info
LA/AH-006	Mistberget	670	2198	60.3781	11.1578	JP50nj	2	6	10/Apr/2010	LA1ENA/P	History	Info
LA/AH-007	Varden, Håoya	231	758	59.6856	10.5831	JO59gq	1	0			History	Info
LA/AH-008	Gåsebrenna	364	1194	59.9764	11.4542	JO59rx	1	1	30/May/2014	LI1EBA/P	History	Info
LA/AH-009	Kolsås, Nordre	379	1243	59.9292	10.5189	JO59gw	1	11	08/Nov/2015	LA/OZ1RD/P	History	Info
LA/AH-010	Barlinderåsen	398	1306	59.9019	11.0358	JO59mv	1	3	02/May/2015	LA1GPA/P	History	Info
LA/AH-011	Bjørnholen	347	1138	59.9888	11.1671	JO59ox	1	1	24/Apr/2013	LA1ENA/P	History	Info
LA/AH-012	Skotjernfjellet	651	2135	60.2361	10.7942	JP50jf	2	1	09/Aug/2012	LA1EBA/P	History	Info
LA/AH-013	Varingskollen	546	1791	60.0932	10.8363	JP50kc	2	4	31/Dec/2015	LA1GPA/P	History	Info
LA/AH-014	Toåsen	220	722	59.8232	10.6503	JO59ht	1	6	16/Apr/2016	LB8CG/P	History	Info
LA/AH-015	Vardehogda	359	1178	60.2503	11.2623	JP50pg	1	1	02/May/2014	LA1EBA/P	History	Info
LA/AH-016	Holterkollen	455	1492	60.0490	10.9306	JP50lb	1	3	17/Apr/2016	LA7JY/P	History	Info
LA/AH-017	Brennberget	441	1446	60.0232	10.8580	JP50ka	1	1	18/Apr/2014	LA1GPA/P	History	Info
LA/AH-018	Urdnessæter	404	1325	60.0264	11.6233	JP50ta	1	0			History	Info
LA/AH-019	Fløheia	384	1260	59.8849	11.4713	JO59rv	1	1	23/May/2015	LA1ENA/P	History	Info



summits x About SOTA x

www.sotadata.org.uk/summits.aspx

Home Logon/Logoff View Results Summits Submit Log FAQ

Summit Details

Select Association: LA - Norway Select Region: OS - Oslo Select Display Order: by Summit Ref

Oslo Regional Details

Region Name:
Oslo

Region Code:
LA/OS-xxx

Region Manager:
Aage Grøseth LA1ENA

Contact:
la1ena.qrp@gmail.com

Notes:
Oslo (called Christiania from 1624 to 1878, and Kristiania from 1878 to 1924) is the capital and largest city of Norway. It is also a municipality, and a county of its own. The city area extends into the surrounding county of Akershus, its agglomeration totaling 839,423, and its metropolitan area, also referred to as the Greater Oslo region and which extends beyond the city boundaries, has an estimated population of 1,121,020 citizens (2005) and a land area of 6,920 km². In the entire Oslo Fjord Region, there is a total population of about 1.7 million. Oslo has a current annual growth exceeding 15,000. The city centre of Oslo is situated at the end of the Oslofjord from where the city sprawls out both to the north and to the south on both sides of the fjord giving the city area more or less the shape of a "U". The urban municipality (bykommune) of Oslo and county (fylke) is the same entity. Of Oslo's total area, 115 km² is built-up and 7 km² is agricultural. The open areas within the built-up zone amount to 22 km².

Region Map:
[RegionMap](#)

Oslo Summits

SOTA Ref	Name	Alt (M)	Alt (Ft)	Latitude	Longitude	Locator	Points	No. of Activations	Last Activation	Last Call	History	Info
LA/OS-001	Porthøgda	620	2034	60.0850	10.6384	JP50hc	2	1	16/Jul/2011	LA1ENA/P	History	Info
LA/OS-002	Heikampen	569	1867	60.0642	10.6036	JP50hb	2	2	09/Jan/2016	LB1RH	History	Info
LA/OS-003	Tryvannshøgda	529	1736	59.9881	10.6681	JO59ix	2	32	21/Mar/2016	LA1EBA/P	History	Info
LA/OS-004	Puttåsen	360	1181	59.9142	10.8996	JO59kv	1	4	02/Jan/2016	LB8CG/P	History	Info

NOTE : You can download a CSV file containing a list of all summits by clicking [here](#)



www.sotamaps.org/range.php

main range tracks alerts spots extras contact about

Find SOTA Summits within: Define range » Area: closed circle, radius 50 km Reference point: oslo, Norway Online: 33

Found Summits Listing

39 Summits

Summit icons: Peak symbols Activations circles
Table col.#3: Bearing Activations count

Summit Code	Summit Name	Act.	Dist. (km)
LA/AH-007	Varden, Håøya	0	27.118
LA/AH-008	Gåsebrenna	1	39.749
LA/AH-009	Kolsås, Nordre	11	13.130
LA/AH-010	Barlinderåsen	3	15.882
LA/AH-011	Bjørnholen	1	24.583
LA/AH-012	Skotjernfjellet	1	35.946
LA/AH-013	Varingskollen	4	20.504
LA/AH-014	Toåsen	6	11.590
LA/AH-015	Vardehøgda	1	46.952
LA/AH-016	Holterkollen	3	18.026
LA/AH-017	Brennberget	1	13.522
LA/AH-019	Elgheia ★	1	40.273
LA/AH-020	Mjærskaukollen	2	27.946
LA/BU-012	Nordbykollen	5	35.728
LA/BU-025	Oppkuven	0	23.503
LA/BU-026	Ringkollen	6	34.250
LA/BU-027	Gyrihaugen	3	28.864
LA/BU-032	Stikkvannskollen	2	34.020
LA/BU-108	Knivfjellet	1	44.619

★ = Tracks available for summit

Export... Measure... Help...

Define range and reference point(s)

Range type: Closed circle Open ring Road route

Range dimensions: Outer circle radius: 50 Kilometers Miles

Reference point type: Address/City/Feature

Address/City/Feature: oslo

Country: Norway

Eksempel : Varingskollen

The screenshot shows the SOTAwatch2 website interface. At the top, there are browser tabs for 'Summits on the Air', 'Summit History', 'SOTAwatch2', 'Online Resources', 'SOTA-General-Rules', and 'AddActivation'. The address bar shows 'sotawatch.org/summits.php?summit=LA/AH-013'. The main content area is titled 'SOTAwatch2' and includes a login form with fields for 'Callsign' and 'Password', and buttons for 'Login' and 'Register'. Below the login form are navigation links: Home, Spots, Alerts, Reflector, Website, Summits, Database, Video, Photos, Shop, Mapping, and Facebook. The main heading is 'Summit Information for LA/AH-013 Varingskollen - 546m, 2 points'. It lists the association as 'Norway', region as 'Akershus', and provides latitude (60 5 35 N) and longitude (10 50 10 E). It also shows today's sunrise (03:30 UTC) and sunset (18:58 UTC). A section titled 'Summit Activity' lists total activations (4) and the latest by (LA1GPA/P on 31 Dec 2015). It also lists the first activated by (LA1EBA/P on 28 Jun 2012). A table shows 61 QSOs on various bands: 30m (14, 23%), 20m (39, 64%), 10m (6, 10%), and 2m (2, 3%). A 'Resources' section states 'No resources for this summit'. A disclaimer is at the bottom. The footer contains navigation links and a copyright notice: '© 2006-2014 Summits On The Air. See our Acceptable Use Policy.'

Summits on the Air x Summit History x SOTAwatch2 x Online Resources x SOTA-General-Rules x AddActivation x

sotawatch.org/summits.php?summit=LA/AH-013

SOTAwatch2 Login: Callsign Password Login Register

[Home](#) | [Spots](#) | [Alerts](#) | [Reflector](#) | [Website](#) | [Summits](#) | [Database](#)
[Video](#) | [Photos](#) | [Shop](#) | [Mapping](#) | [Facebook](#)

Summit Information for LA/AH-013

Varingskollen - 546m, 2 points

Association: Norway Region: Akershus
Latitude: 60 5 35 N, Longitude: 10 50 10 E

Today's Sunrise: 03:30 UTC, Today's Sunset: 18:58 UTC

To see the distance and bearing of this summit from your home QTH, please enter your home longitude and home latitude on the Edit Account form.
[Google Map](#) | [Google Earth](#) | [OpenStreetMap](#)
[SOTA Map](#)

Resources

Feel free to add external links and articles relating to this summit that activators and chasers may find useful or interesting. Please read the disclaimer notice at the bottom of the page.

No resources for this summit

Summit Activity

Total Activations: 4
Latest By:
LA1GPA/P on 31 Dec 2015
LA1GPA on 23 Mar 2014
LA1GPA/P on 06 Oct 2013
LA1EBA/P on 28 Jun 2012
First Activated by:
LA1EBA/P on 28 Jun 2012

61 QSOs on these bands:

30m	14	23%
20m	39	64%
10m	6	10%
2m	2	3%

[Home](#) | [Spots](#) | [Alerts](#) | [Reflector](#) | [Website](#) | [Database](#)
[Video](#) | [Photos](#) | [Shop](#) | [Mapping](#) | [Facebook](#)

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The screenshot shows a Google Maps view of the Varingskollen area in Akershus, Norway. The map is in satellite view, showing a red location pin on a hill. Labels on the map include Grønvoll, Åneby, Rotnes, Movatn, Slattum, Skytta, and OSLO. The map is titled 'https://www.google.com/maps/plac'. The bottom of the map shows 'Imagery ©2016 Google, Map data ©2016 Google', 'maps.google.no', 'Send feedback', 'Terms', 'Privacy', and '2 mi'.

6 x SOTA N C S A

https://www.google.com/maps/plac

Grønvoll

Åneby

Rotnes

Movatn

Slattum

Skytta

AKERSHUS

OSLO

Google

Imagery ©2016 Google, Map data ©2016 Google

maps.google.no Send feedback

Terms Privacy

2 mi

Varingskollen



Eksempel : Tryvann



Browser tabs: Su x, Su x, SO x, 60 x, SMP Ma x, Ori x, SO x, Ad x

Address bar: [sotawatch.org/summits.php?summit=LA/OS-003](https://www.sotawatch.org/summits.php?summit=LA/OS-003)

SOTAwatch2

Login: Callsign Password Login | [Regis](#)

[Home](#) | [Spots](#) | [Alerts](#) | [Reflector](#) | [Website](#) | [Summits](#) | [Database](#)
[Video](#) | [Photos](#) | [Shop](#) | [Mapping](#) | [Facebook](#)

Summit Information for LA/OS-003

Tryvannshøgda - 529m, 2 points

Association: Norway Region: Oslo
Latitude: 59 59 17 N, Longitude: 10 40 5 E

Today's Sunrise: 03:32 UTC, Today's Sunset: 18:58 UTC

To see the distance and bearing of this summit from your home QTH, please enter your home longitude and home latitude on the Edit Account form.
[Google Map](#) | [Google Earth](#) | [OpenStreetMap](#)
[SOTA Map](#)

Resources

Feel free to add external links and articles relating to this summit that activators and chasers may find useful or interesting. Please read the disclaimer notice at the bottom of the page.

No resources for this summit

DISCLAIMER: The SOTA programme and its Management Team is not responsible for the content of external internet sites or for information added by third parties to this website. Please contact the SOTA Management Team if you have concerns about submitted content. The existence of information relating to a particular location does not confer or imply any right of access. Participation in the SOTA Programme is at the risk of the participant.

Summit Activity

Total Activations: 32
Latest By:
LA1EBA/P on 21 Mar 2016
LB8CG/P on 17 Jan 2016
LA1EBA/P on 14 Dec 2015
LB8CG/P on 04 Jul 2015
LA2NTA/P on 10 Jun 2015
First Activated by:
LB1GB/P on 01 May 2008

596 QSOs on these bands:

40m	274	46%
30m	177	30%
20m	133	22%
17m	1	<1%
15m	3	1%
12m	4	1%
2m	4	1%

Browser tabs: Første bruker

Address bar: <https://www.google.com/maps>

Search Google Maps

Map

Google

Imagery ©2016 Google, Map data ©2016 Google Terms 200 ft

Privacy maps.google.no Send feedback

Show all downloads...

Enklere blir det ikke, men husk ikke i nærheten av bil.

Innhold

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Summits on the Air General Rules:

3.7.2 Scoring

The Activator claims the Summit points on an expedition basis, regardless of the total **number of QSOs made above the qualifying minimum**. A summit may be activated as often as desired but an individual **Activator can only claim points for operation from a particular Summit once in any calendar year**. If a subsequent activation in that year takes place at a time when a seasonal bonus has become available, the database will add the seasonal bonus to the Activators score.

QSL cards are not required.

Poeng avhengig av toppens høyde + evt vinterbonus.



Summits on the Air

Norway (LA)

Association Reference Manual



Document Reference	S22.1
Issue number	1.9
Date of issue	01-Jan-2013
Participation start date	01-May-2008

Authorised	Date: 04-Apr-2008 obo SOTA Management Team
Association Manager	Bjørn Henning Bergheim – LB1GB(04.Apr-2008 – 31.May-2010)
	Aage Grøseth – LA1ENA (01.Jun-2010-)
Summits-on-the-Air	an original concept by G3WGV and developed with G3CWI



Association: LA - Norway

Association Manager: Aage, LA1ENA

The Association commenced on 1st May 2008 and currently has 19 Regions (listed below) and 3422 qualifying summits.

Quick links: [Back to Associations](#)

LA Association Reference Manual - (version 1.9), updated 1st Jan 2013

Click on a Region to view a list of summits.

Code	Region	Manager	Summits
AA	Aust-Agder	Aage, LA1ENA	116
AH	Akershus	Aage, LA1ENA	20
BU	Buskerud	Aage, LA1ENA	129
FM	Finnmark	Aage, LA1ENA	426
HL	Hordaland	Aage, LA1ENA	202
HM	Hedmark	Aage, LA1ENA	228
MR	Møre og Romsdal	Aage, LA1ENA	175
NL	Nordland	Leif, LA3DNA	176
NT	Nord-Trøndelag	Leif, LA3DNA	30
OF	Østfold	Aage, LA1ENA	2
OL	Oppland	Hage, LA1ENA	363





- **Summits on the Air – ARM for Norway (LA)**
- **Page 5 of 79 Document S22.1**
- **2 Association Reference Data Association Norway (LA)**
- **Commencement date 01 May 2008**
- **Regions Oslo (OS-xxx)**
- **Østfold (OF-xxx)**
- **Akershus (AH-xxx)**
- **Hedmark (HM-xxx)**
- **Oppland (OL-xxx)**
- **.**
- **.**
- **Troms (TR-xxx)**
- **Finnmark (FM-xxx)**
- **Association parameters 1**
- **Summit operation criteria vertically of the summit** **Operation must be within 25m**
- **Band 1, score 1 point** **<500m ASL**
- **Band 2, score 2 points** **>=500m ASL, <1000m ASL**
- **Band 3, score 4 points** **>=1000m ASL, <1500m ASL**
- **Band 4, score 6 points** **>=1500m ASL, <2000m ASL**
- **Band 5, score 8 points** **>=2000m ASL, <2200m ASL**
- **Band 6, score 10 points** **>=2200m**
- **Seasonal bonus Yes**
- **Bonus rationale Winter period with highest probability of sub-zero temperatures and deep snow**
- **Min. height for bonus 3 Points for activations >=500m ASL**
- **Bonus period dates 1 December to 31 March inclusive**
- **Association sponsored awards None**
- **Association Manager Aage Grøseth laena.qrp@gmail.com**

Poeng



Range - find SOTA summit x Summits on the Air x Activator Scores x

www.sotadata.org.uk/activatorresults.aspx

Home Logon/Logoff View Results Summits Submit Log FAQ Welcome, LA1GPA

Activator Results

SOTA is not inherently a competitive activity, it's about individual aspirations and working towards a goal at your own pace. However, it can be fun to see how your progress compares with that of others, hence we publish our Honour Roll on the internet.

Please help us to keep this page up-to-date by regularly [submitting](#) your SOTA logs.

Filter : LA - Norway -All Dates- -All Bands- -All Modes- Show!

Position	Activator Callsign	Summits	Points	Seasonal Bonus	Total Score	Avg. points per Expedition	View Log
1	LA1ENA	564	1088	225	1313	2.33	View
2	LA8BCA	156	626	0	626	4.01	View
3	LA1TPA	249	459	78	537	2.16	View
4	LA5XTA	142	388	126	514	3.62	View
5	LA1KHA	618	272	33	305	0.49	View
6	LA5WNA	56	216	6	222	3.96	View
7	LA1EBA	76	178	33	211	2.78	View
8	LA9XGA	33	116	42	158	4.79	View
9	LA1DNA	106	112	6	118	1.11	View
10	LA8NHA	29	59	9	68	2.34	View
11	LA5VX	19	58	0	58	3.05	View
12	LB8CG	11	19	21	40	3.64	View
13	LA4CSA	6	19	12	31	5.17	View
14	LB1GB	11	23	0	23	2.09	View
15	LA1GPA	7	11	9	20	2.86	View
16	LA4TTA	11	11	6	17	1.55	View
17	LB1RH/P	4	8	6	14	3.50	View
=17	SQ1KTU	17	11	3	14	0.82	View
=17	LB8IG	14	14	0	14	1.00	View
20	LA7DHA	3	13	0	13	4.33	View
21	LA4CIA	4	8	0	8	2.00	View
22	LA3DNA	6	7	0	7	1.17	View
=22	LA1FNA	3	4	3	7	2.33	View
24	LA3NGA	7	6	0	6	0.86	View
=24	LA55AA	9	6	0	6	0.67	View
=24	LB4CD	1	6	0	6	6.00	View
=24	LA4XNA	5	6	0	6	1.20	View
28	LA3TR	1	4	0	4	4.00	View

Awards



Awards

Each summit is assigned a number of points between 1 and 10. In some countries a seasonal bonus of 3 points per summit helps the score along. Certificates for 100, 250, 500 and 1000 activator points are available but if you reach 1000 points, you can obtain an attractive 'Mountain Goat' trophy with your callsign inscribed on it. In case you're tempted to hang up your boots after attaining the 1000 level, further certificates are available at 2500, 5000 and above!

Innhold

- Hva er SOTA
- Hvem.
Activators, Chasers, SWL
- Hvordan delta.
Oversikt over regler
Spotting
Logging til SOTA database
- Hvor.
Finne gyldige topper
Topper i nærheten
- Poeng, Awards
- Utstyr
- Referanser, webressurser, app's, ...





Utstyr: *(Trengervi å si noe om utstyr-)*

Utstyr som for enhver portabel aktivitet.

Portabel rig	[Mitt eksempel er vanligvis]
Batteri m/kabler	[FT-817]
Portabel antenne m/coax	[GoalZero]
Logg	[EndFedz trådantenne 10-20-40m]
	[papir]

Vanlig turutstyr . Avhengig av vanskelighetsgrad , avstand og årstid.

Kjekt-å-ha:
Mobil (Tab) for spot, cluster, evt logging etc

Dvs ikke mer enn mange av oss har i skuffer&skap....



(c) btp

Utstyr , eksempel



Radio m/batteri, antennepose, kabler og logg-ark,.



Antenne, coax, oppheng.
Se f.eks : <http://www.sotabeams.co.uk/>

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Webressurser

bl.a:

- www.sota.org.uk
- www.sotawatch.org
- www.sotamaps.org
- database.sota.org.uk/



GMWS-181 & GMWS-214 - Cam na Nathrach and Stob Mhic Bheathain by GM7PKT



Welcome to **Summits on the Air!**

SOTA is an award scheme for radio amateurs that encourages portable operation in mountainous areas.

Quick links: [SOTAwatch](#) | [Database](#) | [Summit Listings](#) | [Shop](#) | [Mapping](#)



SOTA Online Resources

Quick links: [SOTAwatch](#) | [Database](#) | [Video](#) | [Photos](#) | [Shop](#) | [Mapping](#) | [Facebook](#)

50 Most Popular Summits

SOTA Ref	Name	Alt (Metres)	Alt (Feet)	Points	No. of Activations	Last Activation	Last Call
G:SP-018	The Cloud	243	798	1	1139	17-Aug-2015	OSPP/P
HE:ZM-018	Alberic	631	2070	1	730	22-Aug-2015	HEBME/P
G:SP-004	Whiting Tor	899	2954	2	633	16-Aug-2015	ANOCQ/P
G:SP-013	Dun	388	1258	1	619	24-Aug-2015	ZEEVY/P
LA:TM-042	Polakindan	253	830	1	622	16-Apr-2015	LATRA/P
G:SP-001	Peak Middle	811	2676	2	407	13-Aug-2015	QVWY/P
G:WV-004	Peak Farina	854	2801	2	381	09-Aug-2015	GWVDP/P
G:WV-004	Titterstone Clew Hill	633	2079	2	341	02-Aug-2015	MJZM
G:WV-005	Long Church - Peak Bank	617	2025	2	240	13-Aug-2015	QWAZ/P
G:SP-008	Handa Hill	887	2912	2	333	12-Jul-2015	QATC/P
G:WV-010	Penny Ghent	694	2277	4	327	17-Aug-2015	GWXDD/P
G:WV-002	Head o' Cammell	678	2226	2	206	03-Aug-2015	GWVWD/QB
G:LD-043	Kirkby Moor	334	1096	1	297	16-May-2015	MJARV/P
G:WV-002	Wiggin Stones	837	2746	3	293	06-Aug-2015	QATC/P
G:SP-001	Wander Stone	636	2088	4	291	19-Aug-2015	ANOCQ/P
G:WV-008	Wigginrough	724	2378	6	290	14-Jul-2015	MDVCM/P
G:WV-003	Wright's Farm	668	2188	2	288	21-Jul-2015	GWVWD/QB
G:LD-002	Wander's Stone	351	1150	1	272	19-Jul-2015	GWVWD/P
G:WV-004	Wether House	736	2419	6	271	19-Aug-2015	GWVVP/P

The SOTA Database

The SOTA database has been the heart of SOTA since the very beginning. This is where participants upload their activator and chasers logs.

[Visit the SOTA Database](#)

SOTAwatch2

Home | Spots | Alerts | Summits | Reflector | Website | Database | Video Photos | Recent info | Shop | Mapping | Facebook
This page refreshes every 1 minute. Last updated 04:51:53 UTC.

Latest Spots

- Wed 04:32 **VK2JDL** on **VK2/JM-081** **7.0**
calling CQ [via SOTA Goal] (Posted by VK2JDL)
- Wed 04:13 **VK5NHG** on **VK5/SE-007** **7.1**
calling cq (Posted by VK5NHG)
- Wed 04:01 **VK2TWR** on **VK2/SM-064** **7.0**
"cq cq (via RRT) (Posted by VK2JIO)
- Wed 03:49 **VK2JIO** on **VK2/SM-064** **14.0**
On air now, easy copy in Perth, Txn Gerard. (Posted by VK6NU)
- Wed 03:42 **VK2JIO** on **VK2/SM-064** **14.0**
"orv in 30 mins (via RRT) (Posted by VK2JIO)

SOTAwatch

SOTAwatch is where all the live, real time action happens. See who is activating which summit right now and what is planned for the next few days.

[Visit SOTAwatch](#)

SOTA Reflector

8 Head to SOTA News September 2015
Discussion on the SOTA website for the September 2015 edition of SOTA News. The deadline for submissions is Sunday, 20th August. Thank you to all who have posted September articles. No October SOTA News blog yet!

OH Working from Android device
Light at the End of the Tunnel?
HubsHub
How long it takes to get across?
GATSB Getting on GNVF10 with a Pearly Generation 11-16-09-10
PVC SOTA patches
Responding to QPC - Answer?

SOTA Reflector

This long established forum is where SOTA meets to discuss everything from mountains to antennas including reports from Activators.

[Visit the Reflector](#)

Summits on the Air

Summits on the Air Shop interface showing product listings and search filters.

SOTA Shop

This is where you can order certificates, trophies and various SOTA branded items .. all delivered to your door!

[Visit the Shop](#)

Summits on the Air Photo Pool

Summits on the Air Photo Pool interface with a gallery of photos and contributor information.

SOTA Flickr Photo Pool

With nearly 15,000 photos posted to date, this is a rich resource of imagery for everything SOTA.

[Visit the Photo Pool](#)

SOTA Mapping Project interface showing a map of the UK with various markers and a list of locations.

SOTA Mapping Project

The SOTA Mapping Project provides activators and chasers with various mapping resources and utilities including a real time display of activations.

[Visit the Mapping Project](#)

Det finnes alltid en app...

WW1X
HOME REMOTE HAM RADIO WAVEGUIDE FOR IOS SOTA GOAT FOR IOS QRZ.COM YOUTUBE TWITTER

SOTA Goat
Comprehensive Summits On The Air database and spotting tool

Available on the App Store
Download now

SOTA Goat is an all-in-one utility for Summits On The Air activators and chasers.

It was designed from the ground up as an invaluable tool for summit activators – it's as necessary as your transceiver and power supply!

The database of over 55,000 summits is instantly available

Features

- Download the latest summit database at any time – useful when a new association becomes available, or to get the latest activation info **NEW**
- Receive Push Notifications when new activators are spotted in real time. Select which transmission modes and times of day you would like to be alerted **NEW**

Rucksack Radio Tool

to German language

The Rucksack Radio Tool is an Android smartphone app for licensed radio amateurs who participate in the mountain radio programs SOTA (Summits on the Air) or GMA (German Mountain Award). If you are familiar with SOTA or GMA, you will be able to use the app without a manual. This brief description is limited to the peculiarities of the app.

(A note for German non radio amateurs who visit this page. In German the word radio has the same spelling but a different meaning. Radio does not mean broadcasting here. With this app you can not hear music.)

The first section "Summits" shows the nearest SOTA and / or GMA mountains.

The orange arrow points in the direction of the nearest reference. The white number of degrees is the direction the top of the smartphone is showing.

The compass uses the sensors of the smartphone. The own position is based on GPS or cellular network. The first line in front of the locator accordingly shows "GPS" or "Network".

The position determination via GPS can take a relatively long time when you start it. For a quick start, therefore is only a short wait for a position indication from the mobile network before loading the mountain list, which takes a few seconds. If GPS is enabled, the app then switches to GPS, which allows a much more accurate position determination. In Android menu the GPS may also be later on or off. The app turns any time to access the best available location.

The mountain list will be updated when the own position changes by more than about 100 m, but at the earliest after one minute. Who uses only the mobile network instead of GPS for determining the position, will see that it is possible to move a few kilometers without a new position is detected.

As usual, the call sign, the reference, the frequency and mode are listed in the messages. The last line is the comment of the reporter, and when the message was sent.

If the own position is known and the spotted

Rucksack Radio Tool

SUMMITS

GPS locator JO 30 LO 14 VE
DM/NW-240
Hochthürmenberg 8.3 km
away SSW 192°

More Refs	Name	km	Dir	Deg
DM/RP-476	Linder Höhe 2	12.2	S	182
DM/RP-445	Steinerberg	13.1	SSE	153
DM/RP-019	Hohe Warte	20.8	S	172
DM/RP-443	Schöneberg	21.2	SSE	153

SPOTS

Call	Reference	QRG	Mode
HA3LV/P	HA/KD-003	7.119	SSB
Közénső-Hajag - 876 km - SES 112°			

Summit x Summit x SOTAwa x Google x 60°05'31 x Main - | x Online F x SOTA x SOTA - / x

https://play.google.com/store/search?q=SOTA&c=apps

Apper

Søk Android-apper v Alle priser v Alle vurderinger v

Mine apper

Butikk

Spill

Familie

Redaktørens valg

SOTA Finder
ZBM2 Software

Sota inwi
GRATIS

SOTA Spotter
Bogdan Lazaru

Pocket SOTA
Pignology KR 11,03

SOTA Logger
WSSMD KR 6,00

SOTA Logger Lite
WSSMD

Going QRT ...



Takk for meg.

LA1GPA Bjørn Terje

