

## The 51st Scandinavian Activity Contest 2009

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Arranged by NRRL

### NON-SCANDINAVIAN RULES

CW: September 19, 1200 UTC to September 20, 1200 UTC

SSB: September 26, 1200 UTC to September 27, 1200 UTC

SAC 2009 logs to:

SACCW or SACSSB

Liv Johansen, LA4YW  
Kolstadtunet 4 C  
NO-7098 Saupstad  
NORWAY

E-mail logs to:

CW: [saccw\(at\)nrnl.no](mailto:saccw@nrnl.no)

SSB: [sacssb\(at\)nrnl.no](mailto:sacssb@nrnl.no)

### **1. Aim of the contest:**

The aims of the contest are to promote amateur radio activity within Scandinavia as well as to encourage amateur radio communications between Scandinavian and non-Scandinavian amateur radio stations. Non-Scandinavian stations will try to work as many Scandinavian stations as possible.

Scandinavian stations are defined by prefixes as follows:

ï JW ..... Svalbard and Bear Island  
ï JX ..... Jan Mayen  
ï LA - LB - LG - LJ - LN ..... Norway  
ï OF - OG - OH - OI ..... Finland  
ï OFÿ - OGÿ - OHÿ ..... Aland Islands  
ï OJÿ ..... Market Reef  
ï OX - XP ..... Greenland  
ï OW - OY ..... Faroe Islands  
ï 5P - 5Q - OU - OV - OZ ..... Denmark  
ï 7S - 8S - SA - SB - SC  
SD - SE - SF - SG - SH  
SI - SJ - SK - SL - SM ..... Sweden  
ï TF ..... Iceland

All other legal prefixes according to the ITU definition of Scandinavian prefixes are good for the contest and multipliers as well.

## **2. Eligible entrants:**

Radio amateurs and SWLs all over the world are invited to participate.

## **3. Periods:**

CW: 3rd full weekend of September each year.

SSB: 4th full weekend of September each year.

Starts 1200 UTC Saturday and ends 1200 UTC Sunday.

## **4. Sections:**

a) Single Op./Single TX/Multi Band - High Power  
[SINGLE-OP ALL HIGH]

Single Op./Single TX/Multi Band - Low Power (output 100 W or less)  
[SINGLE-OP ALL LOW]

Single Op./Single TX/Multi Band - QRP (output 5 W or less)  
[SINGLE-OP ALL QRP]

Single operator means that one person performs all operating, logging and spotting functions without any assistance from other person(s). The use of DX-Cluster is not allowed.

Asking and begging stations to announce own call in DX-Cluster is NOT allowed.

b) Multi Op./Single TX/Multi Band  
[MULTI-ONE]

Only one signal may be transmitted on any band at any time (running station). When operation has started on one band, the station must remain on that band for at least 10 minutes. The 10 minutes-period starts with the first QSO worked on that band.

Exception: It is allowed to work a station on another band if it is a new multiplier (multiplier station). The multiplier station is allowed to be on the air at the same time as the running station. The multiplier station must also stay on the "multiplier band" at least 10 minutes. This rule is similar to the CQ WW DX Contest.

Use of multiplier spotting assistance from other persons than the station-operators is not allowed. However, DX-Clusters may be used by Multi Operator stations.

Asking and begging stations to announce own call in DX-Cluster is NOT allowed.

c) SWL - Single Operator/Multi Band  
[SWL]

Only Scandinavian stations may be logged for points.  
Scoring as for transmitting sections.

### **5. Bands:**

3.5 - 7 - 14 - 21 - 28 MHz bands may be used according to IARU HF Band Plans.

Operating Frequency suggestions Low Band SSB:  
7040-7090, 3600-3650 and 3700-3790 kHz.  
(Avoid operating on 7090-7100 and 3790-3800 kHz).

(NB: 3560-3600, 3650-3700, 14060-14125 and 14300-14350 kHz  
to be kept free from contest traffic).

### **6. Contest exchanges:**

The contest exchange consists of RS(T) plus serial number starting with 001 (e.g. 59(9)001).

(QSOís after 999 are numbered 1000, 1001 etc). The same station may be worked once on each band. Cross-mode and/or cross-band QSOís are not allowed.

The minimum content of a valid contest QSO is correct callsign and correct contest exchanges.

### **7. Scoring:**

Two-way QSO with sent and received exchange counts for QSO-points.

EUROPEAN stations credit their logs with one (1) point for every complete Scandinavian QSO on each band.

NON-EUROPEAN stations credit their logs with one (1) point for every Scandinavian QSO on 14, 21 and 28 MHz and with three (3) points for complete QSO on 3.5 and 7 MHz bands.

## **8. Multipliers:**

Worked call-number areas (ý-9) in each Scandinavian country are valid as multiplier on each band. (e.g. SI3, SK3, SL3, SM3, 7S3 and 8S3 are all in ONE district and counts ONE (1) multiplier on each band).

Portable stations without a district number count for the 10th area (e.g. LA/G3XYZ counts for LAý). OHý (Aland Is.) and OJý (Market Reef) are separate call areas. SJ9 and SI9 counts for the 9th district in Sweden.

## **9. Final score:**

To calculate the final score, multiply the sum of QSO-points on all bands with the sum of multipliers worked on all bands.

## **10. Logs:**

Signed original logs (or copies of original logs) must be submitted separately for CW and SSB. Single operator and multi-single logs must be submitted in chronological order.

Logs to be filled in the following order: Date and time UTC, Band, Station worked, Exchange sent, Exchange received, Multipliers (e.g. OZ4, SM3, SM4, OH2 etc) and Points.

SWL-log must contain: Date and time UTC, Band, Scandinavian station heard, Message sent by Scandinavian station, SWLís own report, Station worked by Scandinavian station, Multipliers and Points.

### **SUMMARY SHEET.**

All entries must be followed by a summary sheet showing station callsign, contest category, name of operator(s) and address. Indicate number of QSOís per band less duplicates, number of duplicates per band, multipliers per band, QSO-points per band and final score. A Single Op. log not showing the power category will be counted as High Power.

### **MULTIPLIER SHEET.**

All entrants must submit a multiplier check list for each band with more than 200 QSOís.

### **DUPLICATE CHECK LIST.**

Possible duplicate QSOís must be shown in the log and counted for zero (0) points. Each entrant shall submit a duplicate check list for each band with more than 200 QSOís. Duplicate check list to contain worked stations listed e.g. by DXCC-entities and call areas.

### **ELECTRONIC LOG.**

Electronic submission of logs is encouraged - and in fact required - for all top scoring entrants and all who use a computer to log or prepare the logs. The CABRILLO format is preferred. Please ensure that you fill out all of the

header information. If you submit a CABRILLO log, no additional summary sheet is required. (However, if you like to compare your claimed scores with others before the final results are published, you are encouraged to enclose your summary sheet as well).

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For more information on the CABRILLO format:  
<http://www.sk3bg.se/contest/saccabr.htm>  
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If you cannot submit a CABRILLO log, you may submit the ASCII output from most of the popular logging programs such as LAÿFX, NA, OH2GI, SD, TR and Writelog. If the log is not in CABRILLO format, a separate summary sheet is required. Please name your files with your call and the file type.

Example: AA1AA submits a CABRILLO file. It should be named AA1AA.LOG. If AA1AA chose to submit a non CABRILLO file such as TRís .dat file, he should name the log file AA1AA.DAT and the summary file should be AA1AA.SUM.

Logs sent on disk should be on 3.5", 1.44 Mb disks.

Logs submitted via e-mail should in the Subject: line include mode (CW or SSB), your callsign and the category you are entering, e.g., SOMBHP, SOMBLP, MOST, etc.

All logs received via e-mail will be confirmed via e-mail.

Basic rules: Only one QSO on each line. Each line must contain following information: Date and Time (full) UTC, Band, Mode, Station worked, Sent (full) exchange, Received (full) exchange, Multiplier (if applicable) and Points (dups to be marked with (0) zero).

Computerized logs must be checked for typing accuracy. Please leave all your QSO's in the log, dups included. The log checking software will find the dups and mark them with zero points.

If you send log on disc, paper log is not mandatory. Summary sheet must always be on paper (not when using e-mail). Disc must be clearly labelled with call, contest name, class and date of the contest. CW and SSB portion can be on same disc. Please use file-names like: AA1AA.DAT or AA1AA.CW or AA1AA.SSB and AA1AA.SUM

## **11. Declaration:**

With her/his signature on the summary sheet, the participant declares that all the rules are observed and that the station was operated in accordance with the rules and regulations for amateur radio stations in the country of the participant.

## **12. Address for logs:**

The arrangement of the contest alternates between SRAL, SSA, NRRL, and EDR in that order. For correct address, see the heading.

E-mail 2009 CW logs to:

saccw(at)nrnl.no

E-mail 2009 SSB logs to:

sacssb(at)nrnl.no

## **13. Closing date for logs:**

Logs and accompanying control-sheets, addressed to the organizing Society, shall be mailed not later than October 31st the year of the contest.

## **14. Awards:**

### **TRANSMITTING SECTION:**

The top scoring High Power and Low Power station in each country as well as in each US call area, in each category, both CW and SSB, will receive a Contest Award, provided a reasonable score is made.

QRP operators will be listed in one common list for all non-Scandinavians.

The top scoring Single Operator (QRO) station on each continent may be awarded a Contest Plaque provided a reasonable score is made.

### **SWL:**

The top scoring station outside Scandinavia will receive an award.

### **ALL SECTIONS:**

Depending on the number of participants, the Contest Committee may consider additional awards.

## **15. Dispute:**

Violation of Amateur Radio Regulations in the country of the contestant or of the rules for this contest, unsportsmanlike conduct and the taking of credit for unverifiable QSOs or multipliers may lead to disqualification.

Each unmarked duplicate QSO found by the Contest Committee will result in a penalty of five (5) QSOs of same value as the duplicate. A log showing more than one (1) percent unmarked duplicate QSOs will be disqualified unconditionally.

The decisions by the Contest Committee are final and definite.

Right to changes in this rules are reserved.

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The 52nd SAC in 2010 will be arranged by EDR - Denmark  
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Date of info: 2 July, 2009

- Source: Liv Johansen, LA4YW - NRRL Contest Manager HF

- la4yw(at)broadpark.no -

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Arranging Societies  
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Year	CW	SSB	Society	Country
2009	19-20 Sep	26-27 Sep	NRRL	Norway
2010	18-19 Sep	25-26 Sep	EDR	Denmark
2011	17-18 Sep	24-24 Sep	SRAL	Finland
2012	15-16 Sep	22-23 Sep	SSA	Sweden
2013	21-22 Sep	28-29 Sep	NRRL	Norway
2014	20-21 Sep	27-28 Sep	EDR	Denmark
2015	19-20 Sep	26-27 Sep	SRAL	Finland
2016	17-18 Sep	24-25 Sep	SSA	Sweden
2017	16-17 Sep	23-24 Sep	NRRL	Norway
2018	15-16 Sep	22-23 Sep	EDR	Denmark
2019	21-22 Sep	28-29 Sep	SRAL	Finland

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The Scandinavian Contest Managers  
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Denmark

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EDR - Experimenterende Danske Radioamatorer  
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OZ5WQ  
Peter Vestergard  
Vestervej 74  
DK-4960 HOLEBY  
DENMARK

Phone home: +45 54 60 72 79  
E-mail: oz5wq(at)edr.dk

Norway

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NRRL - Norsk Radio Relae Liga  
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LA4YW  
Liv Johansen  
Kolstadtunet 4 C  
NO-7098 SAUPSTAD  
NORWAY

Phone home: +47 72 58 52 48  
Phone mobile: +47 917 69 472  
E-mail: la4yw(at)broadpark.no

Finland

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SRAL - Suomen Radioamatoriliitto ry  
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OH6RX  
Jussi-Pekka Sampola  
Tlbyn niittytie 238  
FIN-65460 T÷LBY  
FINLAND

Phone: +358 40 837 1232  
E-mail: oh6rx(at)netti.fi

Sweden

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SSA - Sveriges S%ondareamat^rer  
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SM3CER  
Jan-Eric Rehn

Finstavagen 26, 7 tr.  
SE-863 31 SUNDSBRUK  
SWEDEN

Phone home: +46 60 56 88 73  
Phone mobile: +46 70 663 86 25  
E-mail: sm3cer(at)contesting.com

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Manual input of a paper log for SAC:  
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SM2EZT has made a program for manual input of a paper log for SAC.  
The output file will be a CABRILLO-file for checking your log in a  
log checking program. It will be called yourcall.log  
(example: 7s3a.log).

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This version can also be used to log in realtime!  
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Go to - <http://www.sk3bg.se/contest/files/SACMan.zip> -  
to download the program.  
(Latest version 2.21 updated 21 October 2004 at 2200 UTC)

The zipped file contains two files; an .exe-file called SACMan.exe  
(540 kB) and cty.dat (49.6 kB - cty-1808). Due to restrictions from  
my server provider I have to distribute the file as a .zip-file  
called SACMan.zip (280 kB).

How to install:

Save in a temporary directory, unzip the file using WinZip or  
similar, use File Manager to put SACMan.exe and cty.dat in a  
folder that you prefer (example: C:/Program/SACMan).

For instructions "How to make your log":

- <http://www.sk3bg.se/contest/saccabr.htm#HELP> -

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This contest is known to be supported by:

AALog by RZ4AG: <http://www.aalog.com/>

GEN LOG by W3KM: [http://www.qsl.net/w3km/gen\\_log.htm](http://www.qsl.net/w3km/gen_log.htm)  
jLog by LA3HM: <http://jlog.org/>  
Log4U by SM3CER/SM5NBE: <http://www.sk3bg.se/contest/log4u.htm>  
Lux-Log by LX1NO: <http://www.luxlog.info/>  
N1MM Logger: <http://pages.cthome.net/n1mm/>  
NA by K8CC: <http://www.datonline.com/>  
OH2GI Ham System: <http://www.kolumbus.fi/jukka.kallio/>  
RCKLog by DL4RCK: <http://www.rcklog.de/>  
SAC by LAÿFX: <http://www.qsl.net/la0fx/>  
SD by EI5DI: <http://www.ei5di.com/>  
TR by N6TR: <http://www.trlog.com/>  
UcxLog by DL7UCX: <http://www.dl7ucx.de/>  
Win-Test by F5MZN: <http://www.win-test.com/>  
Wincontest by I8VKB: <http://digilander.libero.it/wincontest/>  
WriteLog by W5XD: <http://www.writelog.com/>  
YP-Log by VE6YP: <http://members.shaw.ca/ve6yp/>

SM3CER Contest Service Software Page  
<http://www.sk3bg.se/contest/software.htm>

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MORE INFO:

Scandinavian SAC-rules: <http://www.sk3bg.se/contest/sacsc.htm>  
SAC CABRILLO format: <http://www.sk3bg.se/contest/saccabr.htm>  
RESULTS: <http://www.sk3bg.se/contest/resultss.htm#SAC>

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Please send corrections/changes/new rules/results to:

Jan-Eric Rehn - SM3CER  
[sm3cer\(at\)contesting.com](mailto:sm3cer(at)contesting.com)

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URL: <http://www.sk3bg.se/contest/text/sacnsc.txt>  
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