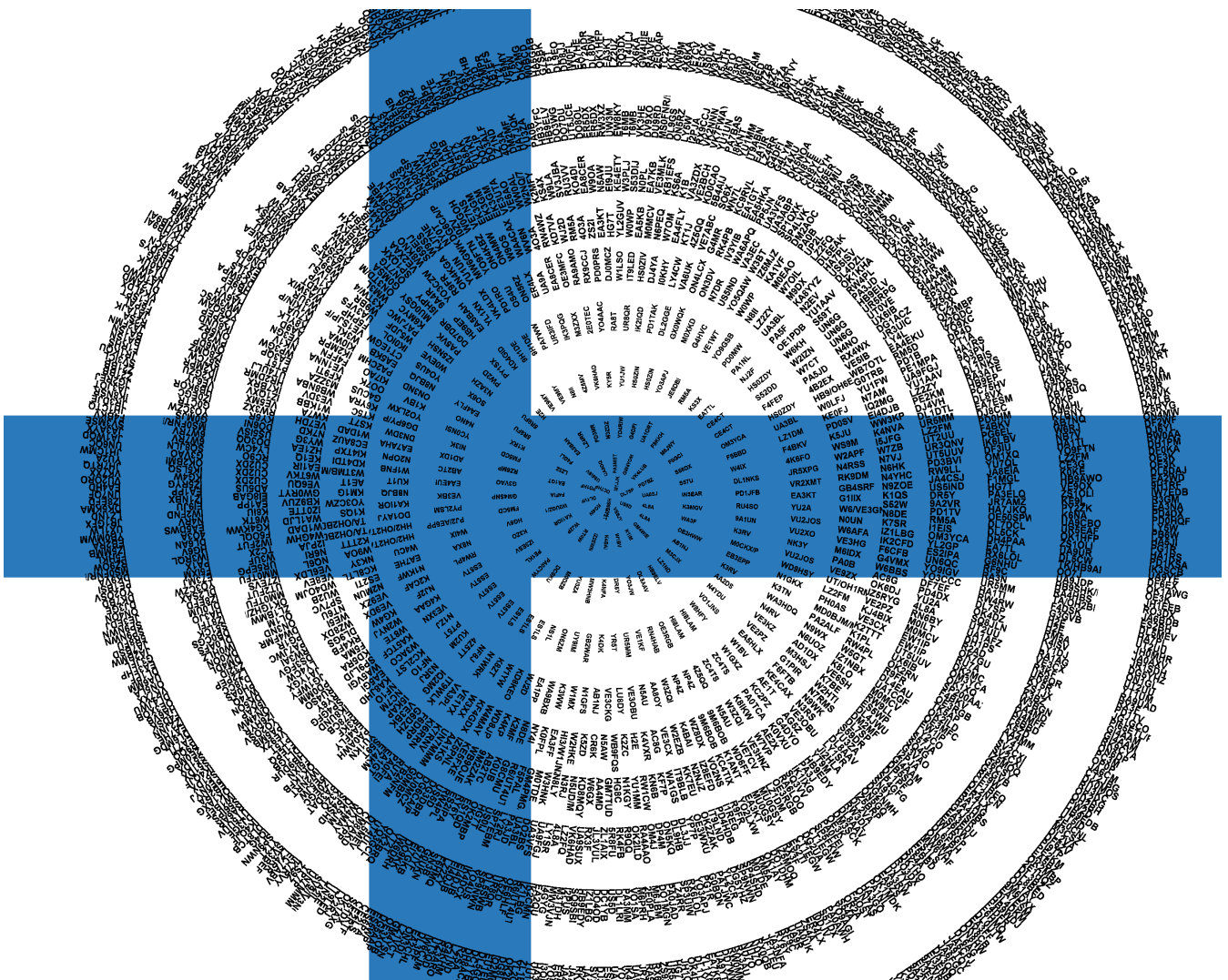


PileUP!

Volume 15(4) 2011



Log of OH2BH in SAC SSB 2010 (op. OH1WZ)

HAMIKANSA TAISTELI
- miehet kertovat

PileUP! is a newsletter of Contest Club Finland (CCF). Contribute!

Talkoo - PileUP! 15(4) –

Eds. Ilkka, OH1WZ; Esa OH7WV; Kim, OH6KZP;

Best viewed if printed into A5-size booklet.

Instructions: Don't read too seriously.

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TNX: K9LA, LA6FJA, OG1J, OG9X, OH0XX, 1JT, 1NX, 1VR, 1WZ, 2BCI, 2BH, 2BP, 2BU, 2UA, 2XX, 3LB, 5NQ, 5TS, 6BG, 6EI, 6KZP, 6KN, 6MW, 6XX, 7MA, 7WV, 7UE, 8JT, 8NC, 9MM, SM0CXU, 0IMJ, 5AJV, 5CSS, 6LRR.



Contest Club Finland – Board Members 2011

President	Seppo,	OH1VR
Secretary	Mikko,	OH4XX
Eminence	Timo,	OH1NOA
“	Pertti,	OH2PM
”	Jouko,	OH1RX

OHDXF/CCF Cruise 2012
February, hosts the WMCC meeting.
See page 17, and the CCF website.
Registration is open.

SAC contest has an official website, and an unofficial facebook entry. But can you find PileUP! in



Systems here are tuned for SAC. (Kari OH5LF@OH5NQ).
SAC dates are Sept 17–18 and Oct 8–9, 2011

WWW.SACTEST.NET

PileUP! 15(4), Scandinavian Activity Contest (SAC) –Special Issue



Sept 17–18, 2011, 12–12 UTC, CW
Oct 8–9, 2011, 12–12 UTC, SSB

The back cover shows the diploma of **SAC** creators and winners of the first 1959 event: Nipa OH2XK and Veka OH2YV. They wrote the rules and travelled to OH0 for the first ever SAC. The ship that they used for the journey¹, s/s Bore, serves hungry and thirsty tourist in Turku nowadays. We highly recommend visiting the ship before SAC 2011 to get to the right mood. SAC is fun for many inside and outside Scandinavia. A particular joy in OH is the country duel with the SMs (SveaMammassPojkar). And, namely, this year, we have decided in OH to show the SMs “*from where the hen pee*”, or “*where the Jay’s balls reside*”. So, expect to hear many OH-stations on the air in SAC 2011. We don’t mind if you log the weak SMs too. QTC will probably report the results (Top six manned by OHs, maybe a 7th station is a SM): “*It takes six foreigners to beat one Swede*”. However, SAC is not just about OH beating the SM. Non-Scandinavians can log LA, OZ, TF, OY, OX, JW, and JX stations too, and if that isn’t cool, then what is?²

Boosting SAC activity is a common goal to all participants. In 2011, Kim OH6KZP who is the ‘OverReferee’ of SAC, was very liberal, and authorized the blossoming of all marketing flowers and weeds. Individuals responded and ‘bore their twigs to the SAC pile’. And it is not just (the usual) handwaving. No indeed, in OH, the Ilmaveivi³ cam-

¹ The editorial office has received controversial information about this matter saying that the ship was built 1960.

² There’s a lot of cool stuff that won’t show in IE!

³ In IIHF Championships (Ice Hockey) Mikael Granlund scored an Ilmaveivi goal (Eng. *zorro goal*). This

campaign was initiated to get hundreds of stations QRV. DX activity has been stirred up by PileUP!, add cards, direct QSLs, individual hams at ham gatherings and spam e-mails. Probably a lot of SAC invitations and advertisement also took place on the bands. So, many people have contributed voluntarily and SRAL, the organizing NRAU league of 2011 has given SAC 2011 its full support. And, moreover, in the future SAC will laze in the firm hands of a devoted Contest Committee.

To complete the official trophy and diploma program of SAC, PileUP! editors volunteered to organize special trophies that are sponsored by individual SAC collaborators. To reduce our own input for PileUP! 15(5), our trophies in CW and SSB sections go the best Soapboxes. The others are there to boost activity, see page 11.

A new CCF board was elected in Tampere (finally) in June 2011. **Seppo, OH1VR** is our new President. PileUP! visited Seppo in August for an interview, see page 27. We learned that a wintery DX-Contest meeting is scheduled for early February, and its agenda will have somewhat of a new flavor.

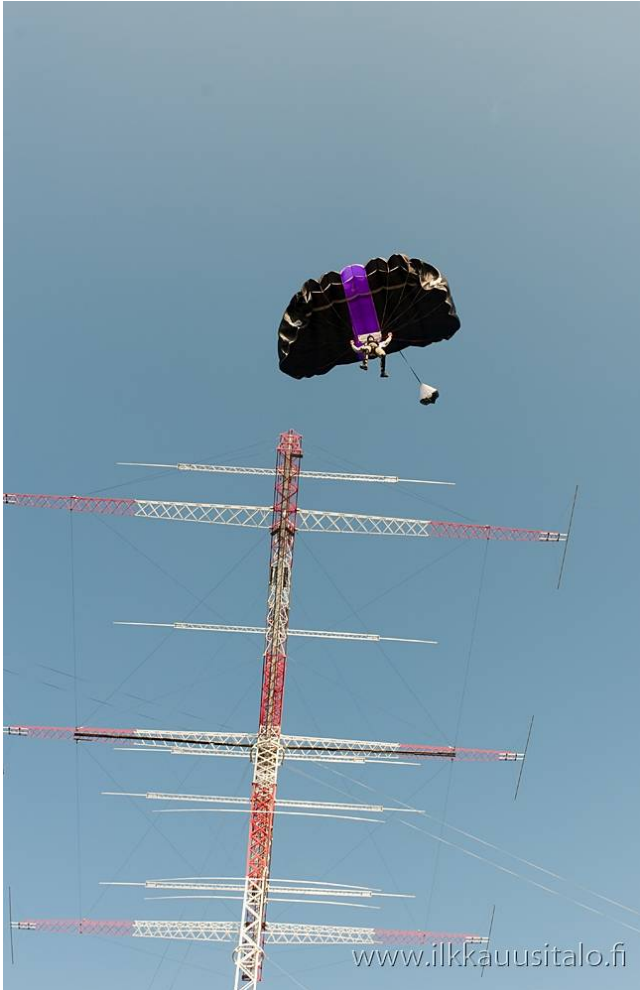
Any association, CCF included, praises with great approval volunteer activity, which traditionally has its hot-spot in the board of directors (exceptions have existed, ref. CCF). The editors of PileUP! have been worried over the future of CCF, which has an aging flock of members and basically no lambkins since many years. Now we have a new group of hot-spot people (See page 26), with whom CCF members can devise new forms of activity. Again, the hot-spot of activity doesn’t have to be the board only! PileUP! newsletter will continue in its current form until issue 15(5), which will be a SAC-aftermath-&-Pre-February-Cruise –issue. In 2012, new winds will blow, and PileUP! hopefully still sails with a new crew.

73 Kokovartalokontesterit
“Contesters with the entire body and soul”
OH1WZ, OH6KZP & OH7WV

was a vital self-esteem boost for many Finns, since the boost from Winter War is almost gone. YouTube has the Granlund goal.



Huumoria – Witz - Humor



At 65°N the long daylight hours prevent the proper summertimer use of the Mammuth 160/80M antenna @OH8X, and it can be used for other types of recreation.

The editorial office uses Google's gmail for communion. It is great, because, depending on the content of the message, or the sender's (sendee's?) profile in Google's database, it displays different advertisements. But why are we getting ads for urinary incontinence?

AINA HANGOSTA PETSAMOON

SANOTTUA

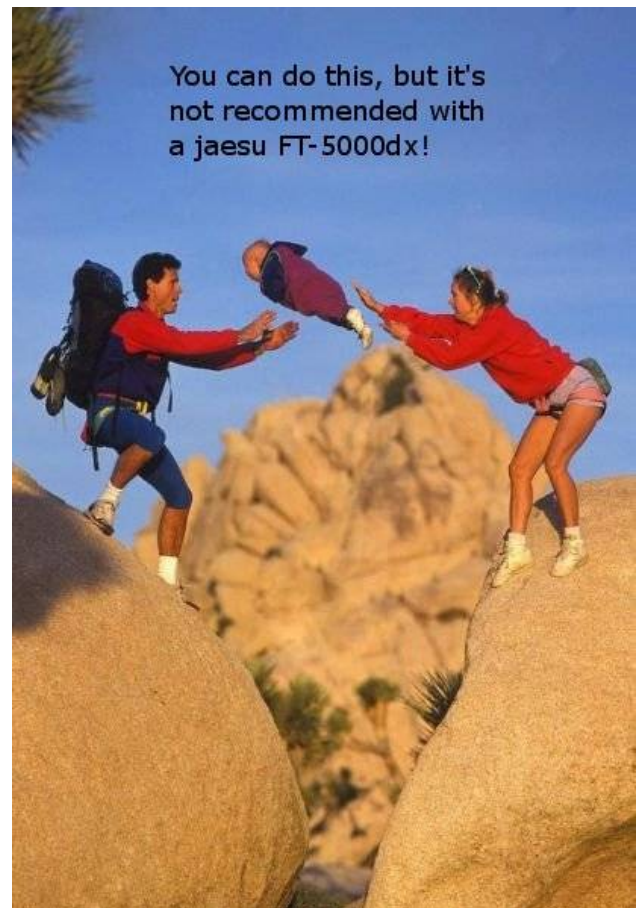
"Mikä on se paikka, jossa
OH-mies on suosittu?"

"SAC"
(OH2MM)

MAAOTTELUHENKEÄ

Monet lienevät huomanneet varsin sotaisan termistön liittyen kampanjaan "mies talosta, kaksi parhaasta", jolla houkutelaaan pasifistisen viattomia OH-amatöörejä SAC-kisaan. Lieneekö tarkoituksena pelotella ruotsalaisia, suurten ikäluokkien kärsimät isä-traumat, vai kenties viaton huumori?

Eräs lukijamme OH2-piiristä, T. Wirkkula nimeltään lähettikin meille suunnittelemansa maaottelupinssin, joita toivoo järjestelytoimikunnan jakavan kaikille ahkerille workkijoille. Pinssissä on ex-vaimon-korut-rahaksi Oy:n lahjoittamasta jalometallista kohokullitettu fonea workkiva OH-amatööri.



Scandinavian Activity Contest - An Arctic Battle

Contest Club Finland is inviting all amateur radio operators around the world to participate SAC 2011!

Our special call goes to OH-guys because during few last years we have lost our dominance in this contest and the new king of the hill has been Sweden. A tough competition - 'who is who?' among Nordic countries is again ahead. I will warn my Nordic friends: There is new kind of will on the air in Finland – in 2011 we will hit back!

I participated in SAC for the first time 50 years ago, in 1961, as a 15-year-old schoolboy. My total was 16 Qs and five multipliers. UR2DZ from Estonia was my first ever SAC contact and it happened on 7 MHz CW. That time I had one crystal, 10 W and a dipole, maybe seven meters in the air. My receiver was an old WW-II airplane radio BC-454.

Those were the days

Now 50 years later I possibly try something new: SO2R! Well, all is depending of my old head – can I turn my brains to be somehow schizophrenic. 2 x Elecraft K3, with microHAM small boxes, ICE bandpass filter –sets, Acom 2000A, SPE 1K FA, two towers (42 m and 24 m), stacked antennas, 3-el SteppIR for radio two, dipoles and slopers.

It's a big jump from 1961 to 2011

Dear contesting colleagues, Amateur Radio is our hobby – I would like to say: the best ever hobby in the world. Contesting is one of it's many dimensions. Good pile

up's, finding of multipliers, excitement of the growing number of Qs and score will keep many of us awake 24 hours. Fair play and the best traditions of the hobby are a part of the SAC – even during it's first years I'll remember notes asking contesters to take care of QSL cards.

Welcome to the World of the SAC!

Seppo Sisättö OH1VR
President of the CCF

(This time I'm not using my contest call OG1M – SAC 2011 will be a return of OH1VR)

SAC song for the XYL-oppressed-ops, by JJ1CAL.

Yeah, Mama don't allow no radio tuning 'round here
Yeah, Mama don't allow no radio tuning 'round here
I don't care what mama don't allow I'll tune my ICOM anyhow
Mama don't allow no radio tuning 'round here
Hey, Mama don't allow no DX chase in this place
Yeah, Mama don't allow DX chase in this place
I don't care what mama don't allow I'll chase the DX anyhow
Mama don't allow no DX in this place
Yeah, Mama don't allow no spotting going on
Yeah, Mama don't allow no spotting going on
I don't care what mama don't allow
Gonna spot my DX anyhow
Mama don't allow no spotting going on
Yeah, Mama don't allow no radio ops in here
Mama don't allow no radio ops in here
I don't care what mama don't allow
Gonna have my friends anyhow
Mama don't allow no radio ops in here
Yeah, Mama don't allow no tower-talk round about
Yeah, Mama don't allow no tower-talk round about
Yeah, I don't care what mama don't allow I'm gonna lift my beams anyhow
Mama don't allow no towers in here
Mama don't allow us working SAC this fall
Mama don't allow us working SAC this fall
I don't care what mama don't allow
We're all gonna work the Scands ... anyhow
Mama don't allow us working SAC this fall

FINLAND BEATS SWEDEN 2011

Ari, OH6MW

We have always felt that our western neighbors think they are better than us. Better in what or what way? Well, we don't know. But the feeling is right there. That is the reason why it is so important for us to show them some A. If we win any contest, whether it would be Icehockey's world championships, Eurovision song contest, running event in Olympics, fart championship of Northern Europe or anything, the most important aspect of our win is that Sweden loses. If Sweden quits or is not taking part to the game which we win we lose immediately 50% of the joy. Are we something, are we...

We are very proud that we have Formula One champions like Mika, Keke and Kimi. I just noticed that all famous Finns have very short first names and almost impossible and long last names like Raikkonen-Hakkinen and Yli-Menomarjapuolimäkilatvapirilä. We are so lucky that we change just first names during our qos. We Finnish hams think that we are something special among this planet's hams. Sure we have Martti, Ville, Olli, Jorma and Klaus to name just a few. And we are proud of them all, they have been recognized with Hall of fame seats and everything. But now those Sweds are beating us year after year in SAC. Terrible. How do they dare? They don't have any Formula 1 drivers, they used to have some rally drivers, but they took "right five" with speed of "right one"⁴ and quit because they don't dare to win us. We Finns always put some Koskenkorva to fuel tank and win them all. Sweds don't have any Martyrs or Villes. Matts is a good start, well done boys, Moscow sings and shouts. How do they beat us in our own game, SAC? We don't really know but we are going to find out and then we are going to win SAC atleast ten years in a

⁴ <http://en.wikipedia.org/wiki/Pacenotes>

row. We started whole SAC game to just humiliate Sweds, to beat them 10-1. And that one point is just a present to give them some hope.

We are so worried about this situation that we have dug up old war plans and old stories about winter war 1939-40 and stories of hundred glory days. We fought against overwhelming enemy in frozen forests and kept them away from our heart lands. At the same time Börje and Niklas were drinking hot chocolate and Annika made some nice socks for Finns. Thank you ever so much. We won and Börje could carry on with his comfortable living. On those days we were rough guys saying "stay away or I'll bii bak". Is it possible to make this years SAC a day of glory? Well, we have been getting old, tired and lazy. I even drink some chocklate sometimes and wear those warm socks which I got from Sweden.

Ok, reality is that all those microwave blaa blaas are business of old nerds, all those emegency communications are waste of time, professionals should take care of those with government financing, not some groups of walkie talkie nerds adventuring in the forests, what else? Repeaters, what a bs, if you can't make a contact yourself, don't make it. It is so awful to listen to those same five guys talking on a local repeater; I got enough in two minutes and showed some sledgehammer to my fm-radios. Satellites, do I like to make contacts via Satellite, no thanks, boring and not ok for dxcc. That is right, if they accept satellite qos into dxcc then they should accept new one for me if I phone to Yemen. And PSK, what a beep beep. I can hardly tolerate some rtty, sometimes, if it doesn't get too serious. And if it does then it is ridiculous. If you like to work rtty 48 hours, congratulations, you have been granted a seat in a production line of a mobile phone factory. Take that for some 20 years. What else? If you have a whole week to discuss on the internet about

how many fuses wires should have or how expensive food was in radio amateur league's summer camp, for God's sake, if it is expensive, don't buy it, i'll buy it and eat it in front of you. And put so many fuses to wires that all are happy. How can you waste your time to this? Make a change in your poor life and do some SAC contesting for a while. Join us. If you are sick, they haven't found a right word to describe us.

After all this bullshh I have to say that it is really contests that make us stand tall or fall as a nation. Forget all those psk and repeater things, stop nose-picking and show that you still have some balls, guts. You are talking about Finnish SISU, guts, nerve, do you have any? Or is it just

history and you let Olle, Börje and Niklas to laugh at you one more year. I say: NO more years! If you can't make any cw contest qsos, try to recognize some Sweds on the band and go tuning on their frequency, bite their leg or something, do your share for this country which has granted a license for you. It is not a time to ask what this country can do for you; it is time to ask what you can do for this country. Go!

PS: If I get lost in the woods, I still appreciate to be rescued, thanks.

PS2: We love you all, Sweds too. Thanks for the socks. Waiting you on the band, one on one, cu in SAC. 73 and 88. Flak 88.



If you ever have wondered, why it takes a few tenths of a second longer for a SM station to get back to your call – this is the reason – “Bulle och Mjölk.” (c.f OH-stations: it is just the beer bottle)

Swedish multi-single, Timetable

00Z Band-change Committee meeting
01Z Gender-issues during the hour #1, Meeting.
Everyone attends.
06Z Written feedback of the first Quarter.
08Z Tour on Åke's Volvo 164 (to Ingrid's Bageri
och Kaffestuga)
09Z “Have we been fair players?” –meeting.
Everyone attends.
...

SAC here I come (JU1CE)

Niin usein olen kontestihin lähtenyt,
ja aina sieltä voittajana tullut.
Taas kontestiin matkalla olen nyt,
tulkaa workkiin, mun ystävät hullut!

Taas SRALi teki tepposet ja käyn tam tam,
SAC here I come!

Kai tiedät että isoo tehoo kannatan,
ja putket hehkuen annan mennä,
kai Jeppe toit sen Eimacin – mun
rakkaimman
jos et, en silti murheisiini lennä

Taas SRALi teki tepposet ja käyn tam tam,
SAC here I come!

SAC here I come!
SAC here I come!

Kun workin tunnen linkun käryn tuoksuvan,
se naisseurankin voittaa,
taas panen lokiin QRP ja odotan
kun komitea mulle soittaa

Taas SRALi teki tepposet ja käyn tam tam,
SAC here I come!

PileUP! HALL OF FAME



FIFTEEN YEARS AND NOW - WE NOTICE YOU!

PileUP! has been leading the way in radio contesting journalism for almost 15 years. We are an institution with somewhat institutionalized editors. PileUP!, or just PU is treasured by numerous readers around the world. The editors are conscious that some of this is actually owing to contributors. These are the people, who get the feeling of remorse in their moral fibre, when they receive a pathetic begging e-mail (phone/Skype call). They are there for us, you and me. We have our own nominees, but you can also suggest your candidate to the editorial office. The PileUP! Hall of Fame will be announced in the next issue 15(5) sometime before we have learned how to write '2012'.

"ÄsuASee" (Kirj. Alpo Reki, omistettu OH4XX:lle)

ÄsuASee ÄsuASee, kilipa kilipa, siinä tulj',
voetto mulle monta kertoo, ei oo mulle oekeen vertoo,
monj'mies salloo virittelj', putkistains, tiristelj'

ÄsuASee ÄsuASee, oekee kontest, onhan se!
Siellä monj' poekarukka, vaehtaa bandii, kuson hukkaa
Stepiärräl kuunteloo, muunteloo, huuteloo

ÄsuASee ÄsuASee, ilimaveivin arvonee,
siellä tien Zorro mualin, ruottinpoeka suapi kualiin
Äke periks antaa tietennii, kuiteskii, jotennii

ÄsuASee ÄsuASee, meikäpoekoo tarvihtoo,
Kuuärpee on muita varte, loupauer luokka siskosten
Isot putket hehkuven, uhkuven, puhkuven.

ÄsuASee ÄsuASee, uamuyöllä ramosoo
Sillon kaevan auroorasta, viis poekoo Floridasta
läppärj hiljoo suhisoo, puhisoo, naksuttelloo

ÄsuASee ÄsuASee, loki kabrilloks tie
Koozetpee sen ynnäilöö, tulosliuskat kynnäilöö
Jos käyp tuuri sulla sit, kenwoodil, workit

At your service in SAC 2011

OH6KZP -- Head organizer by
SRAL & CCF

SM2EZT -- Author of the SAC log
checking program

SM7LQV -- Author of the
sactest.net portal

SM5AJV -- Marketing assistance,
head of SAC contest
committee

OH1WZ -- Marketing assistance,
editor of PileUP!

OH6BG -- Author of the
propagation
predictions

OH6LBW -- Author of SAC 2011
graphics

SAC Nostalgia from 1985 – OH7AB Multi-Multi
Taneli OH7MA, Photos Manu OH7UE

PileUP! 14(3-4) had the story from the towers in Outokumpu, where Joensuu contesters (OH7AB) had top class station, recently, 30 years ago. Editorial office received a letter with some old pictures and interviewed an i-witness.

In 1984-1985, it became evident that the station would have to be dismantled from the old mine towers, and the North Carelian needed a new contest QTH. It was found in the abandoned cow-house at OH7UE's. Outokumpu is west of Joensuu, while Manu's home is the county of Kiihtelysvaara, east of Joensuu, 35 km. Palo

City, as the place is called, is not far from Tuupovaara, which is the heart of Rally Finns.

In the 1980s, guys at OH3AA were doing well in multi-contesting and, as usual, they were on the bands early 1985 to claim (boisterously) their victory and excellence. The Joensuu gang was listening and decided to do a quick and silent move from Outokumpu to Palo, and celebrate the new QTH by M/M victory. Palo is not far from the WWII battle fields where Finns became famous for their surprise leapfrogs and Motti. This is what happened to OH3AA in 1985 too.



10M operator, OT Pena
OH7VR



Mr. 40M
Eki OH7RS/OH8RC (SK).



15M Vesa, OH7XI



Mr. QRP Arno OH7XM
and Juha OH7PF.

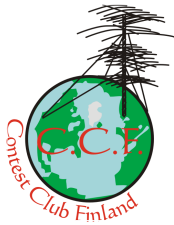


80M University of Joensuu, forestry student *),
OH9DX aka OH7MA, Taneli and the Drake-line.



73's to Hämeenlinna and OH3AA!!

*) Ed. OH1WZ and OH5NQ were also once forestry students, the latter experienced it first...



PileUP! SAC TROPHIES

SAC 2011 has, for the first time, an extra trophy program. It is complementary to the official prize and diploma program which is sponsored by the organizing NRAU leagues and SRAL in 2011.

Trophies are targeted at
NON-SCANDINAVIAN STATIONS
 to promote activity in SAC.

There are six (6) standard SAC plaques and nine (9) original, hand-made tube-trophies to pursue. The winners will be announced in PileUP! 15(5). Ilkka OH1WZ, Esa OH7WV and Kim OH6KZP form the PileUP! trophy committee. Each trophy has a special definition, in small print. Read them carefully. The trophies are mostly such that you need to perform well enough to enter a lottery, where the final winner is drawn. The transmitting radio tubes were donated by Manu Hirvonen OH7UE, Ilkka Korpela OH1WZ, Esa Korhonen OH7WV, and Juhani Tolonen OH8JT. oh1wz@sral.fi answers inquiries.

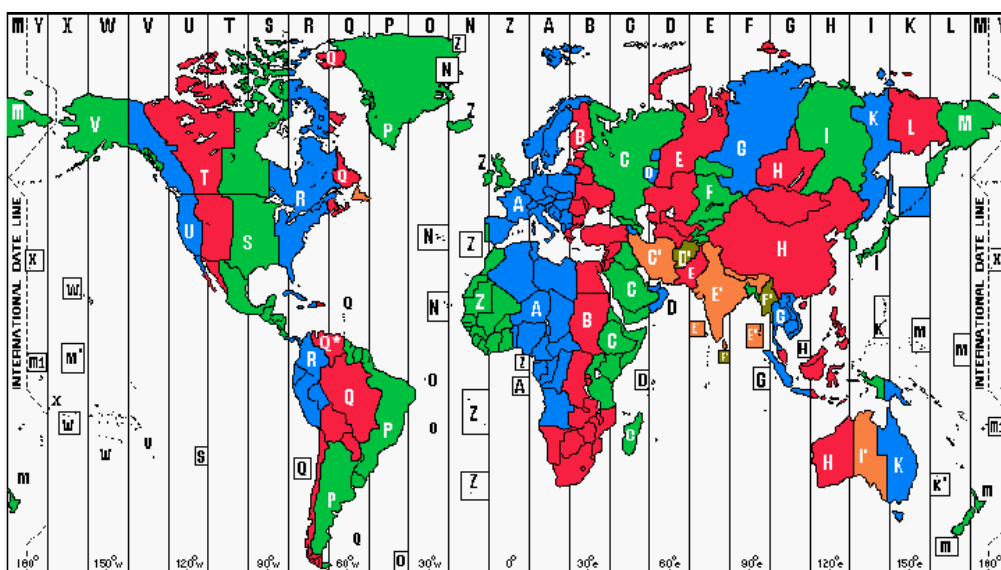
Trophy	Donor
1 Best SoapBox – CW/SSB	Ilkka Korpela, OH1WZ
2 Baltic SO – CW	Peter Tigerstedt, OH5NQ
3 Baltic SO – SSB	Ingemar Fogelberg, SM5AJV
4 Oceania – CW/SSB	Stein Roar Brobakken, LA6FJA
5 NA SO – CW	Hans Johansson, SM0IMJ
6 NA SO – SSB	Timo Korhonen, OG9X
7 AF/SA SO CW/SSB	Juha Rantanen, OH6XX
8 Japan, SO CW/SSB	Timo Salomaa, OH1NX
9 Europe SO CW/SSB	Mats Strandberg, SM6LRR
10 China SO – CW	Esa Korhonen, OH7WV
11 China SO – SSB	Esa Korhonen, OH7WV
12 World – Accuracy CW	Toni Linden, OH2UA
13 World – High mult CW	Martti Laine, OH2BH
14 World – Accuracy SSB	Veijo Kontas, OH6KN
15 World – High mult SSB	Juha Hulkko, OH8NC

- 2 & 3 A minimum of 150 Qsos is needed. The number of QSOs is the number of lottery tickets. In QRP and Low power, QSOs weight 2 and 1.5 times more in the lottery.
- 4 A minimum of 100 total Qsos is needed, both modes combined. QRP and LP as in 2 & 3.
- 5 & 6 A minimum of 100 Qsos is needed. QRP and LP as in 2 & 3.
- 7 & 8 A minimum of 150 total Qsos is needed, both modes combined. QRP and LP as in 2 & 3.
- 9 A minimum of 400 total Qsos is needed, both modes combined. QRP and LP as in 2 & 3.
- 10 & 11 A minimum of 50 Qsos is needed. Every 50 QSOs gives lottery tickets, 1, 2, or 3 in HP, LP and QRP, respectively. E.g. 151 QSOs in QRP gives 9 tickets.
- 12 & 14 Most accurate stations with 50–150, 151–250, 251–350, 351– QSOs are chosen for the lottery.
- 13 & 15 Single Op. Highest Mult total. Best SO in HP, assisted, LP, and QRP selected for the lottery.

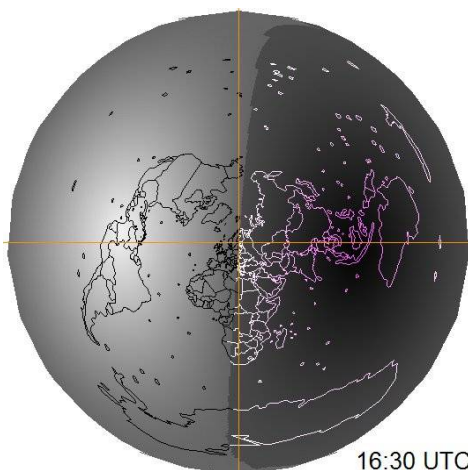


SAC Propagation – What do VOACAP etc. say?

Ilkka OH1WZ (@OH8X in CW)



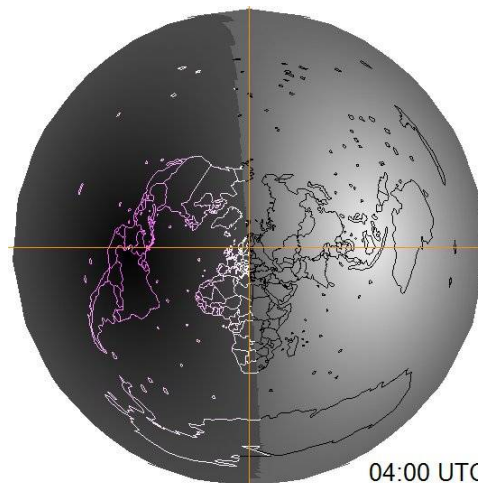
The Scandinavian countries are in time zones A and B. This means that e.g. JA is 7–8 hours ahead of us, and W1–W6 come 5–9 hours behind. So, we cannot expect that many JAs after 15 UTC. Similarly, only the true W/VE contesters are there at 05–10UTC.



16:30 UTC

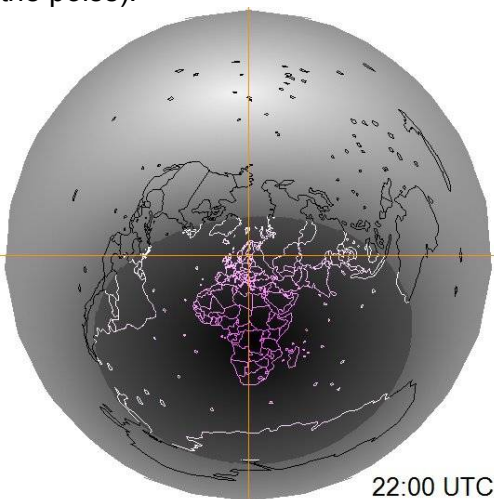
The sunset in OH2 is at 16:30 UTC during the CW part. Because SAC is at autumnal equinox, we see an almost linear grey line in the azimuth map. That helps in figuring out where it might be dark (excl. the poles).

At 22UTC, this is time for the first VE1 on 80M, and the peak for VK6. 40M, if the aurora stays away, is good for many places in the western hemisphere. But, hopefully also 20M is still open and WVE stations fill our logs there.



04:00 UTC

At 04UTC, the Sun has just got up, and you have to balance between 40/80M west and 20/15M to east.



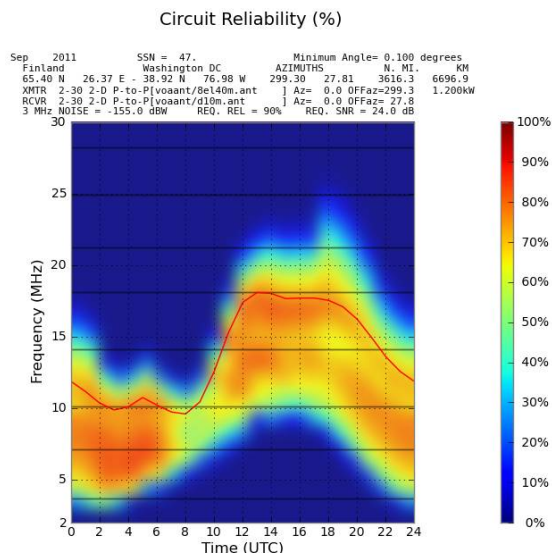
22:00 UTC

On SSB, Oct 8–9, we have almost two hours shorter days in OH2. The SR is at 04:45UTC and the SS is at 15:25 UTC. On the other hand, it is October, which is known for good propagation. Days could be short enough for some VE7 80M dxing, but that fun is for the beam-boys.

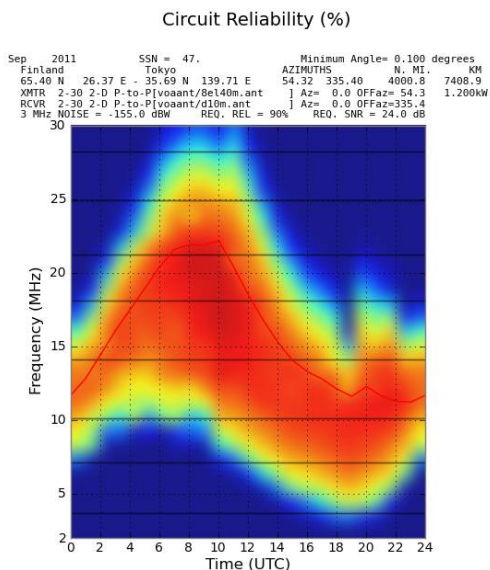
VOACAP & Working OH8X (65°N, 24°E)

Without criticism (accuracy issues), we can all happily use the fantastic tools at <http://www.voacap.com/prediction.html>

Since I (OH1WZ) will be travelling to OH8X for CW, and thus will have access to 1500W and many elements very high above the ground, the predictions (maps) that I included below may not be so representative. Anyway, I hope that all OH8X fans enjoy seeing them.

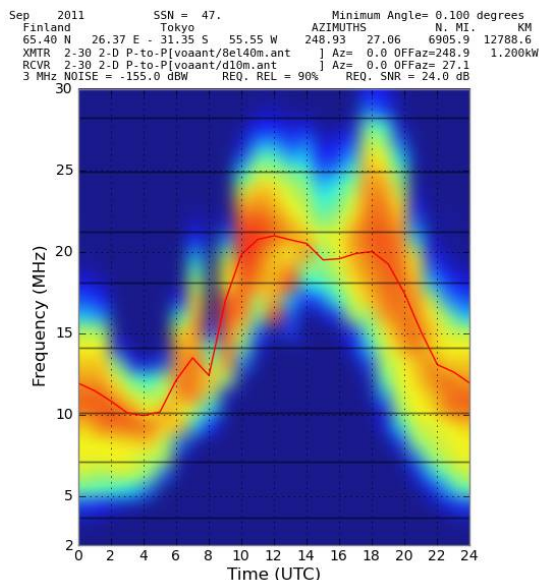


W3 (Washington), is reachable from Arkala 3.5–21MHz. Notice late opening on 14MHz, until 02UTC. 15M peaks at 18UTC, and this can produce great fun from OH8X (north Scandinavia), if the cndx are right. Prediction is for low power stations in W3 area.

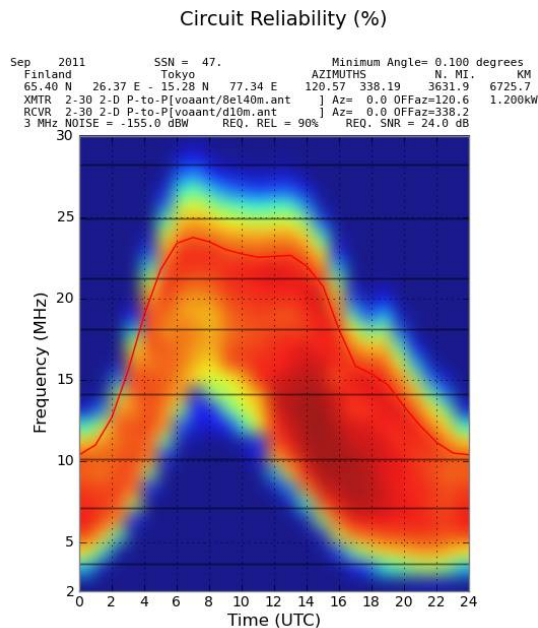


JA1-OH8X. The graph says that I might have some chance in logging a JA on 10M at 08UTC. And, I should be ready on 15M both from the start at 12UTC and Sunday morning, at 03UTC. 80M is marginal, but s.b. possible at 18–20UTC.

Circuit Reliability (%)



PY-OH8X. This path looks interesting, and clearly, starting from 17UTC, I should be active with SA, first on 10 and 15M, later 20 and 40M.



VU2-OH8X. The right time on 10M is at 07UTC, and it is just a short opening. At 15UTC, it is possible to move VU2PAI and others 40–15M, and 80M is good at 16UTC.

Please check SACTEST.NET for propagation info to your area.

<http://www.swpc.noaa.gov/> is also a good source of up-to-date information regarding solar events, auroral activity etc. And read Jari's (OH6BG, Mr. Voacap) story carefully. CU from OH8X on CW.

Executive SAC HF Propagation Summary – or, what do VOACAP and Skimmer really say?

Jari Perkiömäki OH6BG/OG6G (@sral.fi)

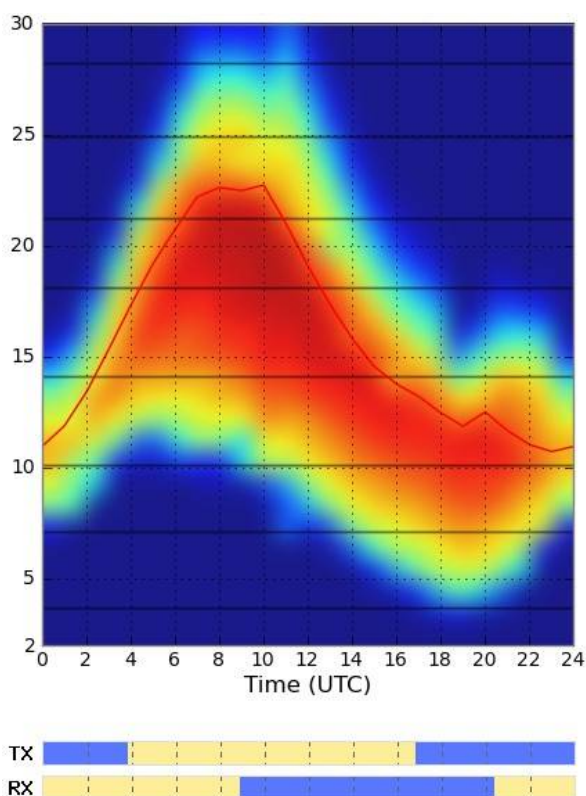
This coming SAC will see an unprecedented activity from all Nordic countries. Therefore, we are happy to offer a propagation prediction summary which allows our friends all over the world to maximize their efforts of working as many Nordic stations as possible.

The online VOACAP prediction service is available at <http://www.voacap.com/sac2011/>

This article gives an overview of these predictions and backs them up with real-life observations from OH6BG's 24/7 Skimmer monitoring station at KP03SD (Vaasa). The skimmer has a webpage with a search facility at <http://www.voacap.com/skimmer/index.php>

Note the sunrise & sunset bars for TX and RX sites below the prediction graphs. They can be used as an indicator for grayline openings.

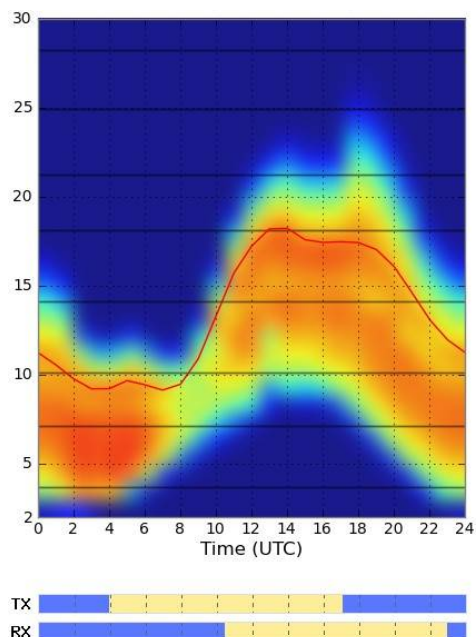
Scandinavia to Japan



The hot bands towards Japan are 20M & 15M. Also, a 10M opening could be a tiny possibility. The lower bands should be at best at 17–20 UTC.

3.5 MHz - 19–20 UTC
28 MHz - 08–11 UTC

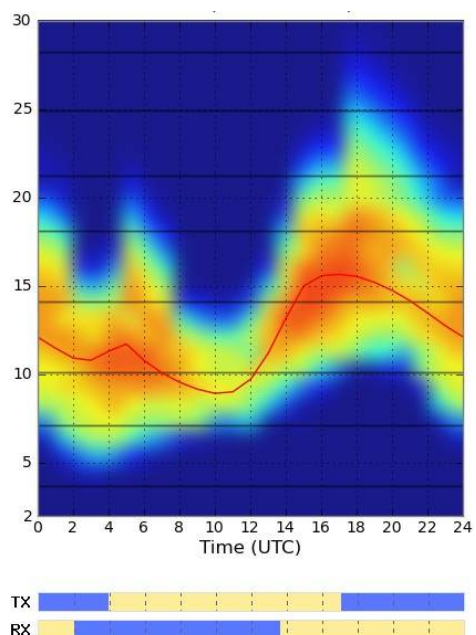
Scandinavia to USA East Coast:



The hot bands towards the Eastern coastline of USA are 20M & 15M. A 10M opening can be an option for TF but most likely not available towards OH and SM, with an exception of Florida & nearby southern states where there could be a tiny-tiny chance for nice surprises (OH & SM) at around 18 UTC! The lower bands should be hottest between 23–06 UTC.

3.5 MHz - 03–04 UTC
28 MHz - 18 UTC

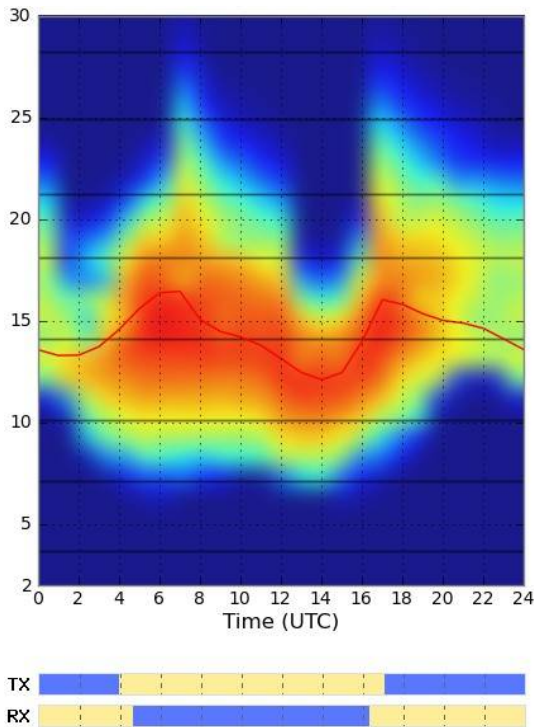
Scandinavia to USA West Coast:



The hot bands towards the Western coastline of USA are again 20M & 15M. A 10M opening may not be an option here – BUT if you love gambling – look for OH, SM and LA at 17–19 UTC! Please note the 20M opening at 04–06 UTC. 15M can be open until the midnight UTC. The lower bands should be favorable at 01–06 UTC.

3.5 MHz - 02–04 UTC
28 MHz - 17–19 UTC

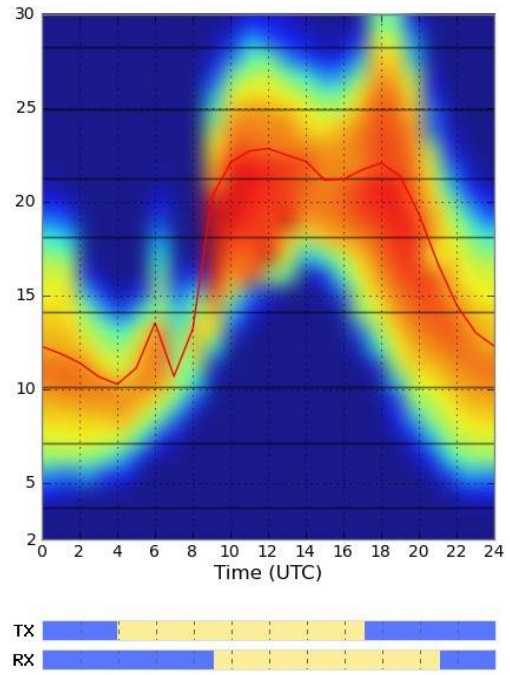
Scandinavia to Hawaii:



KH6 is our special case. 20M and 15M are good bands here. The best openings on those bands are predicted at 04–08 UTC and later in the evening at 17–19 UTC. TF is predicted to have more midnight hour propagation towards KH6 on 15M. A 10M opening is probably out of question – BUT if you believe in miracles - look for OH, SM and LA at 07 and 17 UTC! The lower bands can be tried at 04–05 & 16 UTC.

3.5 MHz - 04–05 UTC
28 MHz - 07 & 17 UTC

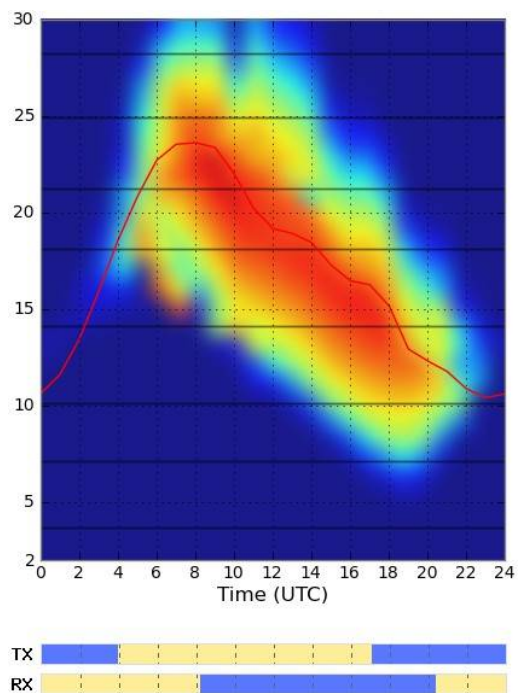
Scandinavia to Brazil:



Brazil is a huge country and here we mainly focus on the PY2 region. 15M should be an extremely good band, 20M following. A 10M opening should be possible starting around 17–18 UTC onwards. Perhaps there is also an opening on 10M after PY SR hours around 10–11 UTC, maybe? The lower bands should be hottest at 23–05 UTC.

3.5 MHz - 00–02 UTC
28 MHz - 18–19 UTC

Scandinavia to Australia & New Zealand:

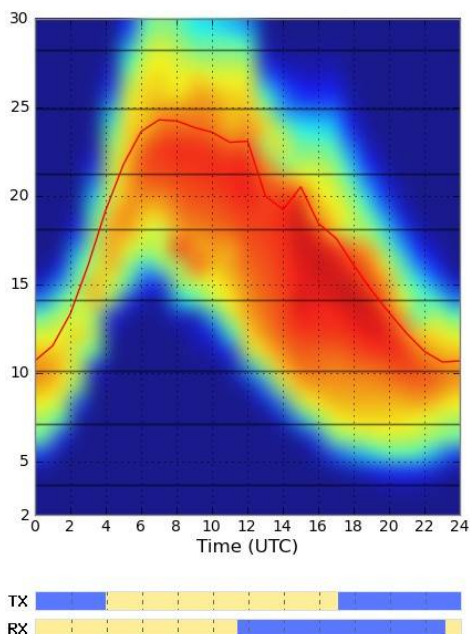


Another huge region here. 15M and 20M should give a lot of QSOs. A 10M opening can be a possibility at around 08 UTC. The lower bands should be hottest at 17–21 UTC. Perhaps you are

curious to learn that the skimmer has reported ZL stations at around 05 UTC on 40M!

3.5 MHz - 19–20 UTC
28 MHz - 08 UTC

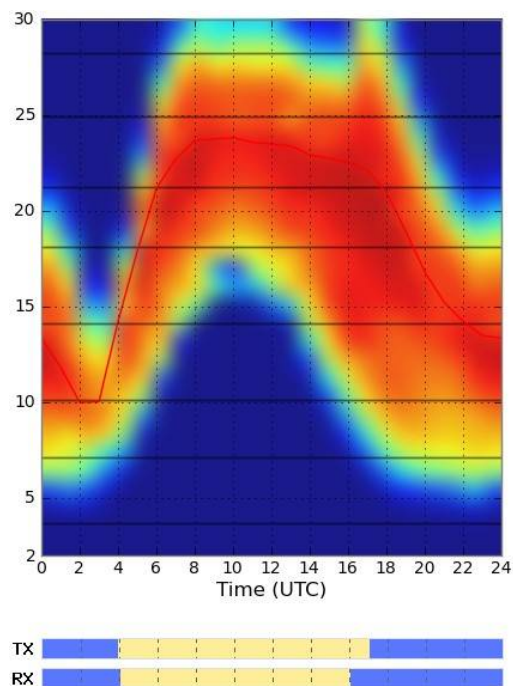
Scandinavia to SE Asia:



The propagation path from Scandinavia to South East Asia should be open up to 10M. Still the best bands are 15M and 20M. The 10M opening can be a possibility at around 07 UTC onwards. The lower bands should be hottest between 18–23 UTC.

3.5 MHz - 19–20 UTC
28 MHz - 07–10 UTC

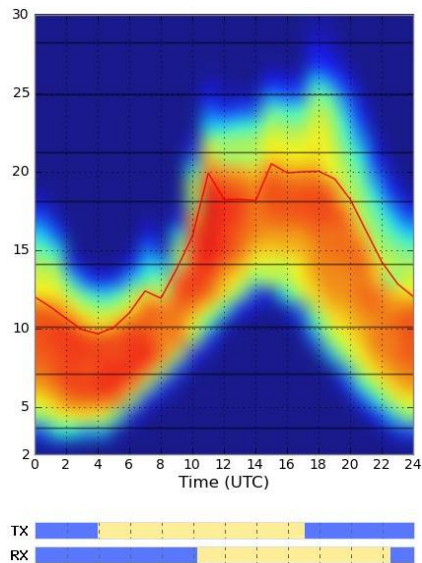
Scandinavia to Southern Africa:



Southern Africa enjoys over 12 hours of propagation to Scandinavia, especially on 15M. 20M is also an excellent band, and 10M can be a highly probable band, too, starting at 08 UTC. The skimmer has reported ZS stations on 10M at 10 UTC. But probably – if the conditions are right – the 10M band can open at around 08 UTC for a good few hours. The lower bands can be good between 18–04 UTC.

3.5 MHz - 22 UTC (Note SR at around 04 UTC)
28 MHz - 08–12 UTC

Scandinavia to Caribbean:



And last but not the least, for our Caribbean friends, the best band should be 20M, 15M following closely. 10M has only a smallest chance, at around 18 UTC if any... The lower bands can be good between 00–06 UTC.

3.5 MHz - 02–04 UTC
28 MHz - 18 UTC
CU in SAC!



ARC JKR **OH0I/OH3I** will be part-time m/s zorro-waving in SAC from Rami's (OH3BHL) QTH. Rami and Juha OH9MM will be the ops with others. They'll use a single radio, an Optibeam @ 25 m, and wires. "We will be weak!" -Juha says.

World Meeting of Contest Clubs (WMCC)

Contest Club Finland (CCF) invites representatives of the world's contest clubs to participate in the first ever Meeting of Amateur Radio Contest Clubs on February 3, 2012, in Helsinki, Finland. The meeting will last one day as a part of the famous Annual Cruise of CCF.

The theme of the WMCC is 'Appreciation of Amateur Radio Contesting.'

We invest a lot of money and time into contesting. Some of us travel to distant locations in order to participate and give nice multipliers, etc. But the fact is that the public value of our contesting is non-existent at the moment. We should do something about that. Right?

A tentative **program** of the Feb 3, 2012, meeting is as follows:

- Where are we now?
Panel discussion
- Lessons of the WRTC's
- Contest Ethics/Etiquette
(Including liabilities of the host stations, etc.)
- Cloud Contesting – a Wild Vision
- Openness – Online scoring
(How to make contesting more interesting for the audience & Joe, the average ham)
- Open discussion – A new breed of contesting: rules, categories, etc.
- Summary of the day, including working group (WG) reports

Before the meeting we will form WGs to make a report of certain items above, such as publicity, ethics, online scoring, and visions. The WGs can make last-minute changes to their reports based on the discussions during the day.

More information later on the CCF website: <http://www.contestclubfinland.com/CCF/>

If you have questions or proposals, don't hesitate to contact CCF President Seppo Sisättö, OH1VR, either by e-mail at seppo.sisatto@uta.fi or by phone at +358-50-360 2600.



Hans PB2T at the 2009 CCF cruise.



RV1BR & RA/SM6LRR – panelists at the 2009 CCF cruise.

CCF Cruise 2012, tentative program

Jose Hierro EA7KW:

Story of ST0R – A New DXCC Entity

Carl Luetzelschwab K9LA:

An Update on Cycle 24 and

Other Solar Topics

High Latitude Propagation Issues

Jacek Kubiak SP5DRH:

H40KJ – Small scale big DX-pedition

Panel:

Big Guns vs. Little pistols

A New Approach (Speaker TBA):

Own Contest inside the big one

WRTC Update (Speaker TBA)

Output of the WMCC (Speaker TBA)

Contest humor

SAC Trophies

Pile Up Contest

What was there before CCF?

Ilkka, OH1WZ

It is obvious that contesting in OH is older than 15 years, which is the age of CCF. In the late 1980's – early 1990's, when Radioamatööri had a front cover photo of a dog, being given beer from a bottle – those days, you could walk to a bank and ask for a loan – to go to a DX pedition! I personally remember getting 15% interest rates for my savings – money that would much later buy a 3-el Step-IR. This boom in living standards brought new OH-hams on the bands across the planet – and it was no longer just Martti and Ville (and occasionally Jorma, Olli and others), doing the contests from abroad. There was for example the Ra-

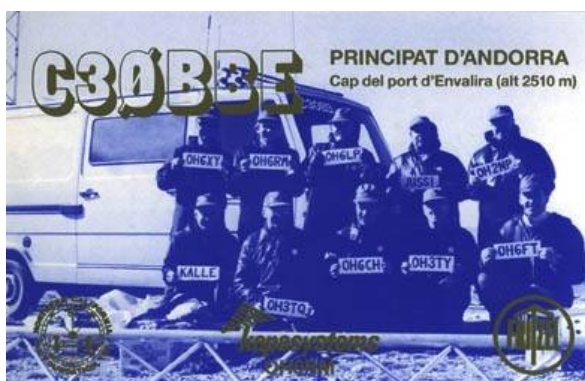
dioTeam Finland making glorious CQ WW M/M history from the Caribbean. The crazy Finns also became famous for the Uravan-DX-peditions. On several occasions a set of happily married OH6-hams would take the Nissan Urvan 2627 km down to Andorra, C3-land. C30BBE and C31LDL made many people happy in CQ WW. They had to clear many customs on the way – and brought an "FT ONE" with them to show to the officials. It was a small aluminium box, a home made TCVR! If this ain't nostalgic, what is?



The colors of the Radioteam were put up a top an aluminium tower at PJ2. The charter had brought Arto, OH1LD and Harry, OH6YF(SK) to Curacao for PJ9W. (Videography by Jack Reed, WA7LNW)



Timo OH6NU, Toke OH6RM, and Marko OH6DO (N5ZO) putting the show together at PJ9W. "Yep, we are busy, maybe late, but the only thing that is not late is the Contest", said OH6NU to WA7LNW who interviewed while Ville, OH2MM was watching over.



The one moment in OH contest history "The new world record will be 52 million!" shouts OH5BM out loud at PJ9W. QSL of C30BBE (CQ WW SSB 1986), sponsors were NCDXF, Kapasystems and Fritzel antennas.

'AROUND THE WORLD IN 80 YEARS AND ON THE WAY ENJOYING LITTLE PISTOL CONTESTING' – PART III



Olli Rissanen, OH2BBM/8 Jääli
DXFC 113/54 <http://www.dxfc.org/>

Part II ended up...

"In the next PileUP! magazine you will find **PART THREE** with the stories among others Radio Club Peruano, OA4O, the story about the first ever SMS (Short Message Service) sent from Macchu Picchu to Finland. You will also find the president #4 in the handshaking scores as well as YV5A, OA4WW/OC4WW, HC8N, HP1/OA4WW, V31XX stories. "Around the world in 80 years" adventure goes forward in 2003 to Mexico and during 2006–2009 in Panama."

2001–2002 Lima, Peru – continuation

Machu Picchu is a well known tourist attraction throughout the world and it attracts hundreds of thousands tourists every year:

"Machu Picchu was built around 1450, at the height of the Inca Empire. It was abandoned just over 100 years later, in 1572, as a belated result of the Spanish Conquest. It is possible that most of its inhabitants died from smallpox introduced by travelers before the Spanish "conquistadores" arrived in the area. The latter had notes of a place called Piccho, although there is no record of the Spanish having visited the remote city. The types of sacred rocks defaced by the conquistadors in other

locations are untouched at Machu Picchu.

Hiram Bingham theorized that the complex was the traditional birthplace of the Incan "Virgins of the Suns". More recent research by scholars such as John Howland Rowe and Richard Burger, has convinced most archaeologists that Machu Picchu was an estate of the Inca emperor Pachacuti. In addition, Johan Reinhard presented evidence that the site was selected because of its position relative to sacred landscape features such as its mountains, which are purported to be in alignment with key astronomical events important to the Incas."

In 2002 Telecom Italy Peru (TIM) finally got a permission to build a base station close to Machu Picchu to have mobile phone coverage during the "Inti Raymi":

*"The **Inti Raymi** ("Festival of the Sun") was a religious ceremony of the Inca Empire in honor of the god Inti, one of the most venerated gods in Inca religion. According to chronicler Garcilaso de la Vega, Sapa Inca Pachacuti created the Inti Raymi to celebrate the winter solstice and a new year in the Andes of the Southern Hemisphere. Since 1944, a theatrical representation of the Inti Raymi has been taking place at Sacsayhuamán (two km. from Cusco) on June 24 of each year, attracting thousands of tourists and local visitors."*

When the tests of the TIM base station in Machu Picchu started I had the opportunity to send from there the first ever SMS to Finland when overlooking the magnificent scenery.





Radio Club Peruano, OA4O –
<http://www.oa4o.org/>

Radio Club Peruano, RCP, OA4O, is a very active club and has a nice location downtown Lima, having one the best seafood restaurants in her premises.

RCP has played an important role in Emergency operations communications during earthquakes, one of the latest in 2010:

“On Wednesday, August 15, at 6:40 p.m. (UTC 23:40), Peru was struck by one of the most violent earthquakes in its history, with a magnitude of 8 on the Richter scale. Its epicenter was out at sea, 80 km from the coastal city of Pisco, some 200 km south of Lima. The impact was felt with considerable intensity in a number of localities, those most severely hit being the cities of Pisco, Ica, Chincha, and Cañete. In Pisco 85 percent of the buildings were destroyed; fewer in the other towns and cities. More than 500 people were killed, while other victims along the coastal strip are numbered in the hundreds of thousands.”

My contribution to RCP was first to donate the HF antennas and later when leaving Peru to donate the ICOM 746 transceiver and ACOM 2000A amplifier.

And maybe I also played a minor role when TIM decided to install one of the GSM network base stations in RCP’s premises. According to my judgement there was no conflict of interests but rather a win win situation.

I have to specially mention two club members, Manuel Basurco Campodónico, OA4AHW, now the president of RCP and Pablo Vazquez Seivane OA4AI (OA4DJW), both of them real hams and very good friends, always ready to help.

I started my contest operations in Peru at OA4BA (SK) in CQ WW SSB 2001 and those continued from 2001 to 2008 as follows:

Call	Contest	Year	Info
OA4BA	CQWWSSB	2001	SOAB
OA4O	CQWWCW	2001	SOAB
OA4O	ARRLCW	2002	M/S OA4DKC & OH0XX
OA4O	ARRLSSB	2002	M/2 OA4AHW, OA4BHY, OA4DIX, OA4DJW, OA4DKC & OA4WW
OA4O	CQWPXSSB	2002	M/S OA4AHW, OA4BHY, A4DIX, OA4DJW, OA4DKC, OA4WW
OC4WW	CQWPXCW	2002	SOAB
ES0EA	IOTA	2002	SOAB 12HRS CW ONLY
EA4BQ	CNCW	2002	SOAB
EA8ZS	CQWWSSB	2002	M/S EA8ZS, EA4DX & OH’S
OA4WW	CQWWCW	2002	SO 7MHZ
HC8N	CQWPXSSB	2003	M/M OH0XX 7MHZ OP
OC4WW	CQWPXCW	2003	SOAB
EA4BQ	CNCW	2003	SOAB
OA4O	CQWWSSB	2003	M/S
OC4WW	CQWPX	2004	SOAB
OA4WW	CQWPXSSB	2006	SOAB
OA4WW	CQWWSSB	2006	SOAB
OA4WW	CQWWCW	2007	SOAB
OA4WW	CQWWSSB	2008	SOAB

CQ WW SSB 2006 High Power All Band by CQ Magazine:

“John, W2GD, pushed P40W to the top of the pile. Winning the toughest category by 1.5 million points is not easy. In addition, he also had the most single operator QSOs in the contest. John travels to Aruba so often to operate it might as well be his second home, and he comments, “For an absentee station owner like myself the problems are further compounded when it is only possible to visit the station a few times each year. Every trip becomes an adventure, never knowing exactly what you will find working (or broken) upon arrival.” It seemed to work quite well, John. Jorge, EA9LZ, really put in a great effort to take second place from Ceuta. Jorge made a lot people happy by passing out the EA9 multiplier. Olli, OH0XX, operating from OA4WW, was just behind in third place. Olli can be found these days as HP1WW.”

The three WPX CW operations as OC4WW resulted as follows, all in SO HP ALL and ny OH0XX:

Rank	Year	Score	QSOs	WPX	Hours
5	2004	10,996,334	3,245	914	35.3
4	2003	11,415,764	3,222	863	36.0
2	2002	11,058,312	3,439	881	35.6

CW WPX 2002 CW						
1	P41P	12,230,052	3827	919	36.0	K0DQ
2	OC4WW	11,058,312	3439	881	35.6	OH0XX
3	P40Y	10,700,004	3508	889	36.0	AE6Y
CW WPX 2003 CW						
1	D4B	15,185,170	4681	962	36.0	4L5A
2	EA8BH	13,149,465	4039	915	36.0	OH2PM
3	PR0F	12,802,125	3912	875	36.0	YU1RL
4	P41P	12,051,994	3916	899	36.0	K0DQ
5	OC4WW	11,415,764	3222	863	36.0	OH0XX
6	CT9A	11,257,028	3624	851	36.0	OH6RX
CW WPX 2004 CW						
1	D4B	16,619,000	4779	1000	36.0	4L5A
2	3V8BB	13,765,728	3956	912	36.0	YT1AD
3	CS3B	11,912,985	3534	885	36.0	CT1BOH
4	OC4WW	10,996,334	3245	914	35.3	OH0XX
5	P40L	10,338,074	3283	901	36.0	W6LD
6	ZF1A	9,358,520	3058	860	35.9	K6AM

40 years as a ham celebration and Venezuelan failed coup d'état April 11, 2002

After celebrating my 40 year ham birthday in Peru March 24, 2002 operating as OA40DMR I left for Caracas April 10 to wait for my wife to join me April 11 arriving from Madrid, Spain.

When she arrived the coup attempt was already going on and she had to stay at the Maiquetia airport 40 kilometers from Caracas because the road was blocked by tanks. I couldn't go down to Maiquetia either so I spent the evening with Finnish ambassador, Mr. Iivo Salmi at his residence watching TV and following the news about the coup.

We could see during a couple of hours three different persons stating to be the legal president of Venezuela. (*Related reading: Brian A. Nelson: The Silence and the Scorpion: The Coup Against Chavez and the Making of Modern Venezuela*)

At midnight I walked from the ambassador's residence to Tamanaco hotel, I believe I was the only person that night in the streets of Caracas. Very early next morning the attempt was "almost" over and the road to the airport opened. Around 5AM I could get to the airport to meet my wife Hilikka. We were lucky to leave on the only departing flight that day, Air France to Guadalupe for a transit over to Cayenne, French Guiana where we met Jorma, OH2KI and his wife Annikki.

Meanwhile Jorma was QRV as FY/OH2KI my 40 year ham birthday celebration restarted operating as FY5YE at FY5KE (<http://www.fy5ke.org/>) in Kourou, where "*The European Space Agency (ESA) has Europe's gateway to space. Its mission is to*

shape the development of Europe's space capability and ensure that investment in space continues to deliver benefits to the citizens of Europe and the world:"

http://www.esa.int/SPECIALS/About_ESA/index.html

2003 MEXICO CITY MEXICO

Late 2002 I got a call from Nokia Networks offering me a "Customer Business Team Director" position in Mexico City.

I got so enthusiastic about the possibility to work with the leading mobile operator in Latin America and the fourth largest in the world, America Movil, <http://www.americamovil.com/amx/en/> that I forgot my very basic recruiting rule: "Comeback is not recommended". Mr. Carlos Slim and his family are the principal owners of America Movil and TELMEX.

It took me 6 months to find out that I should have respected my own recruiting rule and the end result was that both Nokia Networks and I decided to find other options – in a very friendly manner though.

On the ham frontier one of the highlights of 2003 was the invitation by Trey N5KO to be the 40m operator in WPX SSB M/M team at HC8N:

1	HC8N	60,703,452	11,911	1,476	48.0	K5KA OH0XX KI7WX NM5M XE1KK LU8ADX N5KO
2	L71F	29,254,018	7,213	1,333	48.0	LU1AEE LU1FAM LU...
3	YW4M	26,112,248	6,034	1,202	48.0	YV2IF YV4GLD YV4...

Ramón, XE1KK, was the key person in getting the OH0XX/XE1 license.

2004 COTOS DE MONTERREY, MADRID, SPAIN

After my "failed comeback" I returned to Cotos de Monterrey to lick my wounds and heal myself in the only sauna in Spain with the view over snow-capped mountains.

While contemplating "what to do next" I did some consulting work which combined well with ham contesting. In between in one of the trips I had the opportunity to operate both ARRL CW and ARRL SSB contest at 8R1RPN. The combined result was more than 9000 QSOs and it was worth of combined trophy. I had one of those earlier operating as EA8RCT at EA8ZS farm in the year 1991.

ARRL 2004:

CW: 8R1K (OH0XX) 4,312,872 4,383 328
SSB: 8R1K (EA4BQ) 4,696,704 4,832 324

ARRL 1991:

CW: EA8RCT (EA4BQ) 3,332,310 4010 277

SSB: EA8RCT (EA4BQ) 4,237,824 5696 248

Equipment: TS930 + TL922

Antennas: Dipoles 40–160, Cushcraft monobanders (4el) for 10–20

Computer: Digital DECstation PC325 with K1EA's CT software

Operating QTH: Galdar, Gran Canaria, Spain (TNX EA8ZS!)

HANDSHAKING PRESIDENTS #4:

My ARRL visit coincided with Phagwah (Holi). *“Phagwah, or Holi, is the Indo-Caribbean Hindu celebration of the new year. Every spring, the Sunday after the first full moon of the Hindu calendar, Phagwah literally paints the streets as kids and families “color” one another with dye (abrac) and powder and chase away the winter grays. The spirit--and high-jinks--are like that of Carnival. (Note - no dye or powder allowed on street or sidewalk, just in park.) It is primarily observed in India, Nepal, Sri Lanka and countries with large Indic diaspora populations following Hinduism, such as Suriname, Malaysia, Guyana, South Africa, Trinidad, United Kingdom, United States, Mauritius and Fiji.*

Holi is celebrated at the end of the winter season on the lunar month Phalguna (February/March), (Phalgun Purnima), which usually falls in the later part of February or March”



After the contest I found myself in the middle of the Holi festivities and got painted all over. If I remember right I was in the same party with the president of Guyana, Mr. Bharrat Jadgeo and again if I remember right during the Holi dancing in the park I had the moment to greet him.

2006 – 2009 Villa Lucre, Panamá, Republic of Panamá



Early 2005 we decided to start looking for a place for our retirement and selected the following options: Venezuela, Colombia, Ecuador and Panama.

We paid the first visit to Panama and found some interesting options and the decision was made.

“The retirement haven of Panama with its pensionado incentive scheme of program from the government is said to be one of the best retirement places in the world and ranks high on International Living magazine’s list of the best places to retire, indeed it was #1 for three years in a row.”

Camilo, Cam, HP1AC guided me through the application process for a ham license late 2005 and got HP1/OA4WW based on the reciprocity.



For CQ WW CW I found my way to HP1XX, Günther’s QTH in Contadora island: *“The islands of Contadora and Saboga are in the North of the Pearl Archipelago in Pacific Ocean. They are serviced by two airlines, Airperlas and Air Panama; both have scheduled flights twice a day, morning and afternoon. It only takes 30 minutes and you are in the middle of Panama City with all of the facilities that you could ever want but at the same time you are living on a beautiful white sandy beach surrounded by turquoise waters and abundant interesting wildlife to keep you occupied all day... truly the best of both worlds.”*

HP1/OA4WW CQ WW CW 2005 SO20 HP
3547 Q 8870 p 2.50 ave 35z 124c 1,410,330

Late 2005 we bought a house under construction in Villa Lucre, close to Panama City. The house was ready in January 2006 and we moved in. I was lucky to get my HP1WW license right away and as usual the antenna installation had the priority over other settling down work so HP1WW hit the airwaves immediately.

OH2NIN/MM was sailing around the world in 2006 and when waiting for the transit through Panama canal visited us. He and his crew helped us to move the furniture around the house to find its proper place and as said, the antennas had already found their places on the roof. TNX again Mikko!

PARAMARIBO, SURINAME 2005 and 2007 PZ5XX

1999 and 2000 I operated a couple of times as PZ5JR, thanks to Bob Mantell and his family. In 2002 I visited Ramon, PZ5RA
<http://www.dxholiday.com/sa/pz.htm>

The visit was such a nice experience that I returned both in 2005 for WPX CW and 2007 for CQ WW SSB operating as PZ5XX. Looking forward to being there again in 2012!

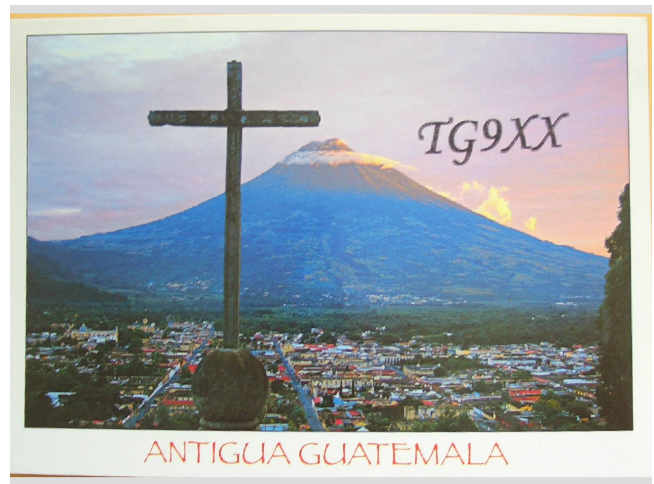
PZ5XX WPX CW 2005

BAND	Raw	Valid	P	WPX
80CW	85	85	498	15
40CW	838	830	4892	395
20CW	462	461	1359	95
15CW	1439	1424	4240	306
10CW	355	351	1036	33
TOTAL	3179	3154	12025	844

Final Score = 10.149.100 points.

FRACAP 2006 GUATEMALA CITY – TG9XX

Juan Carlos, TG9AJR invited me to participate FRACAP (Federación de Radio Aficionados de Centro América y Panamá) meeting and he had organized TG9XX callsign for me and TG9KK for Ramón XE1KK. In spite of the busy program I was able to make a couple of Q's and thus increase my DXFC numbers. I had also the opportunity to visit the beautiful city of Antigua:



“Antigua Guatemala (commonly referred to as just Antigua or la Antigua) is a city in the central highlands of Guatemala famous for its well-preserved Spanish Mudéjar influenced Baroque architecture as well as a number of spectacular ruins of colonial churches. It has been designated a UNESCO World Heritage Site.”

Christmas 2007 in St. Barthélemy with Martti, OH2BH - FJ/OH2AM

There are different ways of spending Christmas, in the following, one of them:

	SSB	CW	TOTAL
80m	475	1834	2309
40m	1729	5953	7682
20m	7977	1960	9937
17m	13	3399	3412
	10194	13146	23340

H81L QSL tells the story about Radio Club Panama (RCP) Lighthouse activity in 2008:



MIRAFLORES NORTHBOUND REACH REAR
(Panama Canal) LIGHTHOUSE

"It is our great pleasure to confirm the QSO with you from the MIRAFLORES NORTHBOUND REACH REAR (Panama Canal) Lighthouse at 9°00'N 79°35'W. The lighthouse has been operative since 1914. It was built during the construction of the canal. It transmits occulting green light. The lighthouse is roughly 15 m (50 ft) concrete tower with lantern and gallery, painted white. It is located about 500 m (0.3 mi) east of the Miraflores Locks in an area crossed by powerlines. The main road paralleling the canal passes the lighthouse. ARLHS (AMATEUR RADIO LIGHTHOUSE SOCIETY) id is PAN-030.

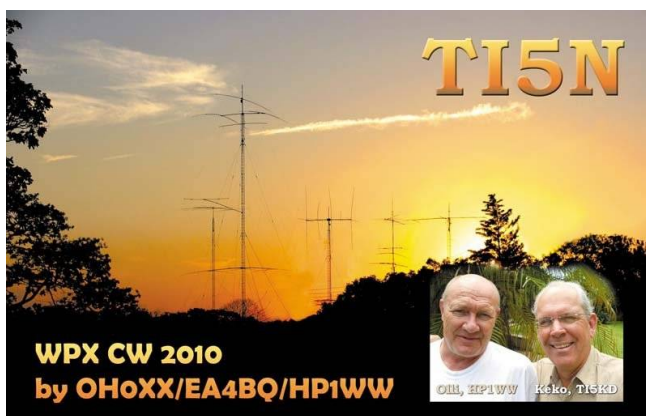
The lighthouse is now under the administration of Panama Canal Authority (Autoridad de Canal de Panamá) and is run by solar power.

The members of Panama Canal Radio Club and Panama Radio Club are grateful to "Ciudad delSaber" for this second opportunity to activate the Miraflores lighthouse.

PANAMA CANAL

In 1903, shortly after winning its independence from Colombia, Panama granted the U.S. extraterritorial jurisdiction over the Canal Zone. The Zone remained under exclusive U.S. control until the Panama Canal Treaty, ratified in 1978, provided for its restoration to Panama. Under the treaty, Panama assumed full operation of the Canal at the end of 1999. The U.S. Panama Canal Commission, which operated the canal until the reversion, is now the Autoridad del Canal de Panamá (Panama Canal Authority).

The Authority is expanding the Canal, doubling its capacity by constructing a third set of locks and widening and deepening the entire route. Groundbreaking for this enormous project was held in September 2007, and the work is scheduled for completion in 2015. It seems likely that this project will result in the removal or replacement of at least some of the historic lighthouses."



2008 V31XX Belize - An adventurer's paradise



Presenting an adventurer's paradise, Belize: Mayan temples tower above rainforest canopies while an incredibly colorful array of marine wildlife find protection in Belize's Great Barrier Reef. Belize is a peaceful, English-speaking country just two hours away from 3 major U.S. Gateways. With a diversity of adventure opportunities unmatched by any other country, the Belizean people have protected over 40% of the country as parks and natural reserves.

Belize is on the Caribbean coast, nestled between Mexico and Guatemala and offers an intriguing mix of tropical forests rich with wildlife, majestic mountains, mysterious Maya temples, and diving and fishing experiences beyond comparison. In a single day, one can go from tropical forest to the longest barrier reef in the Western Hemisphere.

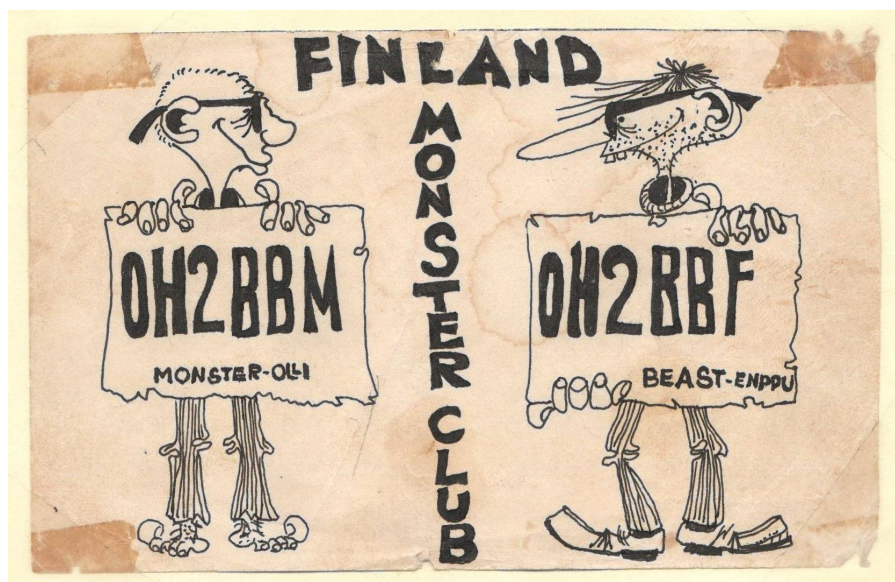
And the people are as warm and friendly as the climate. Join us in Belize!

ARRL DX Contest 2008, SSB Call: V31XX Class: SOAB HP

QTH: Placencia <http://www.wishwilly.net/>
Operating Time (hrs): 14

Band	QSOs	Mults
160:	67	25
80:	9	7
40:	435	52
20:	852	56
15:	1337	56
10:	14	5
Total:	2714	201
Total Score = 1,635,939		

Comments:
After four hours of operation and with more than 800 Q's in the pocket the ALPHA 8100 linear decided to protect itself forever. Tried to resolve the matter for three hours but no way to repair the amp in the field. So decided to go to sleep and only enjoy the pile-ups during the peak of the propagation (for additional 10 hours) with hundred watts.



The last missing DXFC country in Central America was Nicaragua so before leaving Panama May 2009 I contacted Octavio Miranda, YN2N, and fortunately he had his place free for WPX SSB contest.

<http://www.dxzone.com/dx16932/yn2n-guest-house-nicaragua.html>

YN2BQ SO20 HP 2226/784 SCORE : 3 920 000

2009 – Jääli, Finland

I have been frequently asked why did we leave the paradise and returned to Finland. We have seven very good reasons: my mother Irma, 88 years old, my mother-in-law Tyyne, 89 years and our 5 granddaughters: Nea 9, Sani 6, Marie 4, Laura 3 and Julia 2.

2010 I had two very nice experiences: CQ WPX CW TI5N @TI5KD <http://www.yantis.us/ti5kd/> and CQ WW CW 5R8WW @5R8FU villasuede@moov.mg

And please find a summary of the DX trips participated:

1981	OH0XX/OJO	Märket reef.
1995	BS7H	Scarborough reef
1995	P5/OH2AM	Corea del Norte
1995	XZ1A	Myanmar (Birmania)
1998	H40AA	Temotu
2002	OA40DMR	Perú (cumpleaños – 40 años como “ham”)
2002	FY5YE	Guyana Francesa
2002	PZ5RA	Suriname
2002	8R1RPN	Guyana
2004	YV0D	Isla de Aves
2006	YX0LIX	Isla de Aves
2007	YW0DX	Isla de Aves
2007	FJ/OH2AM	Saint Barthélemy (St. Barts)

Let’s remember “DX Code of Conduct” and support it <http://dx-code.org/> !

The trip around the world will continue some day “Si Dios quiere”.

Fresh men take over management of OH-contesting!

The CCF board saw some changes in the annual meeting held in Tampere in June 2011. All members but Mikko, OH4XX constitute fresh but experienced forces that will put CCF and OH-contesting to stand tall again. Our new President is Seppo, OH1VR. His team includes Pertti OH2PM, Jouko OH1RX, Timo OH1NOA and Mikko OH4XX. The role of CCF will be redefined in the near future.

In parallel to the transform of CCF, the Finnish league, SRAL has nominated a new contest manager (after CCF), and he is Timo, OG9X / OH6GLE. Timo has promised to put a lot of effort into things and has gathered an advisory team to support this. Co-operation with CCF is also included.



Brainstorming @ OH1VR
Aug 1, 2011. L to R:
Timo OG9X,
Seppo OH1VR,
Pertti OH2PM and
Matti OH2BH.
Photo (OH1RX).

SRAL Contest Advisory
Board members
Juha, OH6XX;
Ari OH6MW and Timo
OG9X. (Photos OH1WZ)



PileUP! visits Ikaalinen

Ilkka, OH1WZ

Many of us have OH1VR in our logbook and those who are active on 6 meters also know of the OH1SIX beacon in Sisättö, Ikaalinen. Sisättö is a small village with maybe 200 hectares of cultivated land (and lots of forested fields) and 5–6 farms. It is the last frontier before the Seitsemien and Suomenselkä wilderness and forests. No matter what direction one enters the village from, the eye catches Seppo's 42-m rotating tower. The surrounding oat fields had just turned yellowish, when I visited OH1VR in mid August. On the hilltop I saw a bigger log-house, worker's house or something, I had thought. "Yep, but it's an old school", said Seppo. "Early 1960s, the school had 60 students and 10 years later it was closed. Nearly all left the countryside."



From Luhalahti, its another 8 km to Sisättö. Luhalahti still hosts a bar-petrol station. Grocery store is in Tevaniemi (25 km) or Viljakkala (16km).

Seppo, OH1-668 grew up here, and was bitten by the radio-bug together with OH1VC, another local youngster. The second try for a license was successful and in 1960, novice OH1VR was on the air. "MY NAME IS MASA ? SEPPO" – was frequently heard on the bands. Seppo had namely taken advantage of OH1VC's (OM Matti) license before getting his own. "Ham radio interfered with school, but last year, I managed to get the grades up one point - from 5.9 to 6.9". When I ask for other early memories, Seppo recalls the SWL times. "I've never been a technical expert, so when I had learned somewhere⁵ that a good ground is essential, I buried mom's old copper coffee pan deep in the ground. Later, next spring, after the soil had melt, I dug it up again. It was a valuable to mom."

My own first memories of OH1VR are from the 1980s in a domestic phone contest. The speed at which Seppo could articulate was amazing! Well, while in Ikaalinen, I learned that the speed is still there.

I met XYL Outi too. They have been oscillating together for over 45 years, producing four harmonics, who all visit the QTH oftentimes, I learned. Despite father's example, Seppo is the only one with a ham license.

⁵ Probably the same antenna book that recommended "stacking yagis" by placing one at the tower base.



OH1SIX in the old cow-house @OH1VR.

I learned that Outi at some point worked for SRAL, and that Seppo has been both the president of SRAL and the editor-in-chief of Radioamatööri. I guess that making an issue of Radioamatööri was technically 100 times more challenging than it might be today?" I asked, and got another "Yep". Outi said that her job at SRAL was interesting, as it was right after Nipa, who was known for his social skills and lifestyle. "I could talk to someone for a long time about lightning shielding, knowing nothing of the topic!"

Seppo belongs also to the famous OH2B# series as I put it. "Very active hams with a two-letter suffix in the OH2B-gang" – I said with a grin on my face. Seppo's call is OH2BA, which he got while living near Helsinki in the 70s and 80s.

There are two QTHs in Ikaalinen. In SAC, expect both of them to be on the air. Seppo, will be at the contest QTH in Juhtimäki, while Vexi, OH3LB will operate the old home station. "Vexi has even bought an amp for the occasion!" – said Seppo. "And watch out, I'll be in Texas for the SAC SSB, AE6PP/5, a couple of hours".

Seppo is a 6-meter enthusiastic and an optimist, I learned during my visit. While we sat in front of the K3 listening to OH1SIX at 50012.00 MHz, Seppo suddenly said "Well, the summer ES season is over, but, hey, great F2-propagation waits us next October!" "Well, everyone is allowed some wishful thinking", I thought and said nothing.



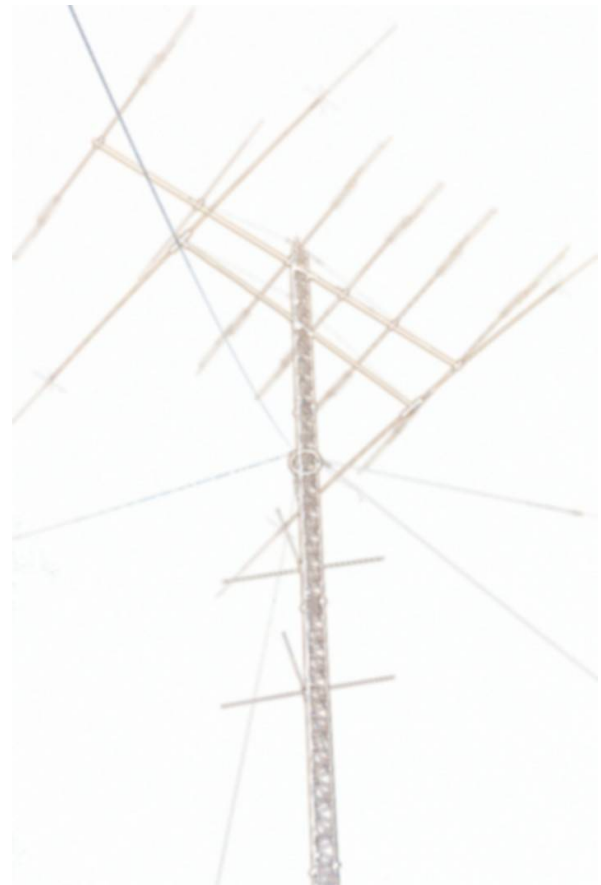
"This is the first TX i built, or whatever is left of it. Since my early years I've learned how to dampen the demolition genes in me. My father, who lived here until 2009, was a wise man and set aside these old pieces of junk."





Seppo and lake Pitkäjärvi.

I met Seppo at 11 am, and at 3 pm, we had managed to cover 1946–2006. At 3 pm came the next guests - all my questions concerning CCF activity 2011–2013 were left unasked! – I noticed. We had spoken so much of Seppo's academic activities⁶ and TV/Radio career. On the way out of the cottage Seppo said "I'll try to help CCF to get on its two feet again. I hope that we will have a fine event in February".



Top of the Sisättö mast with KT34XA, 2-el 40M and the 6M dipole array for OH1SIX. Look for OH3LB operating this OH1VR station in SAC.



OH1SIX is on 50012.00 kHz.

⁶ Seppo's PhD-thesis was titled "TV and the elections", and it was ht stuff in Finland of late 1970s.

Thank you Seppo & Outi for the nice day in Ikaalinen.

Skandinavisk förövning inför Scandina- vian Cup

Mats, SM6LRR

English summary at the end.

CQ WPX CW är en test som är synnerligen väl lämpad för seriösa satsningar också från våra nordiska breddgrader. Anledningen är att det är prefix som är multiplar och att tidpunkten ofta passar bra för sporadiskt E på högre frekvenser.

Detta år blev det extra spännande då två skandinaviska Multi-Multi stationer bestämde sig för att göra upp om förstaplatsen i Norden. Å ena sidan ett helsvenskt team från SK3W, å andra sidan ett internationellt lag från OH4A.

Förutsättningar på pappret

Dessa båda stationer har en historia av hårda dueller i olika kategorier och har liknande utrustning - möjligen med ett litet övertag för det svenska laget beroende på flera och högre master.

På den svenska planhalvan (SK3W) återfanns följande operatörer: SM3SGP, SA5BJM, SM5EPO, SM5CCT, SM5IMO, SM5AJV

Motsvarande uppställning i Finland (OH4A) bestod av: OH6LI, OH6KZP, OH6QU, RA9USU och SM6LRR

Ambitionsnivån var från början att ha 3-4 stationer igång samtidigt, vilket är ganska mycket med tanke på 48 timmars aktivitet och enbart 5-6 operatörer på respektive station. Dessutom var det tänkt att SK3W skulle ha arbetshelg med antennbyggen och annat, men i takt med att Fernebogänget insåg att satsningen från Finland skulle bli tämligen omfattande, verkar det som om arbetsmomentet hamnade litet lägre i prioriteringsordningen ;)

En liten teknisk jämförelse mellan stationerna:

Band	SK3W	OH4A
1.8	4 st fasade trådvertikaler	6 st. slopande dipoler
3.5	4 st fasade vertikaler / dipol	2 el. Linear Loaded Yagi @ 36 m
7.0	2x3 roterbara @ 60 m, 3 el fast	2x2 fullsize @ 45 m, 2 el LL @ 42 m
14	3x5 roterbara @ 60 m, 2x4 fast USA	3x4 el @ 45 m, 3x4 el @ 42 m
21	3x5 roterbara @ 42 m, 5 el fast USA	2x4 el @ 45 m, 2x4 el @ 42 m
28	2x6 roterbara @ 30 m, 6 el @42 m	3x4 el @ 45 m, 3x4 el @ 42 m

På riggsidan ser det ganska likartat ut. Likadant gällande slutstegens utformning och storlek⁷.

QTH för OH4A ligger mitt inne i den finska urskogen, ungefär halvvägs mellan Helsingfors och Åbo. Inga direkta dåliga riktningar, men ej heller horisontutsikt.

SK3W ligger i liknande miljö invid en sjö men med två skillnader från den finska superstationen - mer myggor och ingen vedeldad bastu ;)

Båda stationerna ligger på i princip samma bredgrad. OH4A har en östligare placering som innebär att riktningen till USA blir cirka 4 grader nordligare (närmare magnetiska nordpolen) jämfört med SK3W. På omvänt sätt gynnas OH4A med cirka 4 grader mot Japan, men den riktningen är litet mindre känslig för norrsken pga dess aningen östligare bana.

Teoretiskt sett är dock båda stationerna skapligt jämförbara och borde ha liknande möjligheter att vinna bataljen.

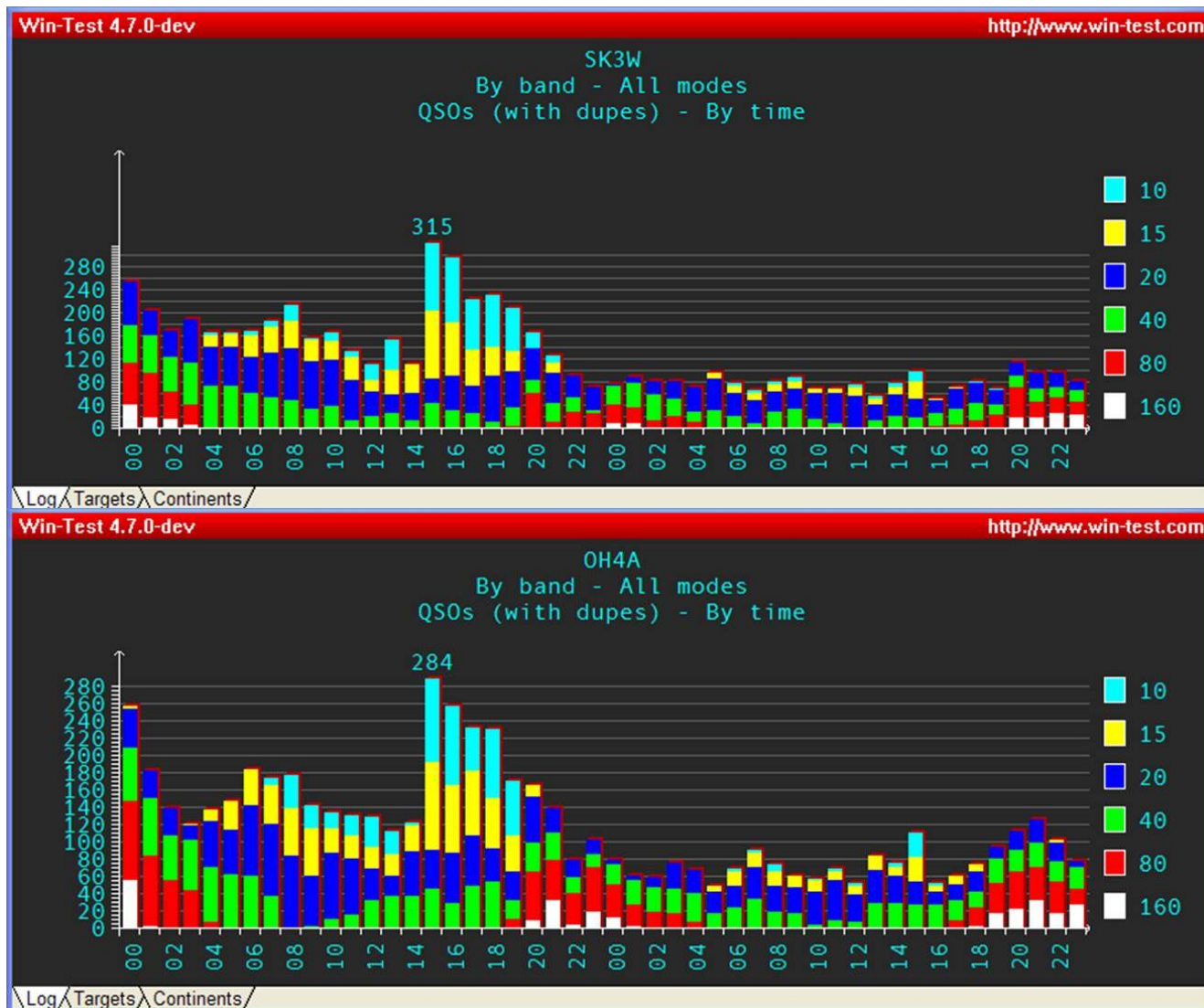
⁷ Redaktion: Vi har sett riktigt stora, som gav ut 300W.

(Vi har valt att inte gräva ner oss i eventuella skillnader mellan operatörsskick-

lighet, utan förutsätter att dessa är likvärdiga).

Båda stationerna följde varandra tämligen väl åt vad gäller bandval och upp- och nedgångar som ett resultat av sämre eller bättre konditioner.

Resultat av testen



Fröken Aurora anmälde sig tidigt i testen och det blev en betydligt hårdare kamp mot naturens lagar än vad vi kanske hade hoppats på. Detta drabbade dock båda stationerna tämligen lika och de enda klara skillnaderna som kunde utskönjas efter det att loggarna vara klara var följande:

Band	SK3W	OH4A
160:	162	233
80:	594	764
40:	1379	1390
20:	2072	1676
15:	870	905
10:	686	599
Tot:	5763	5567
Pfx:	1225	1149
Score	13.561.975	12.386.220

SK3W lyckades betydligt bättre på 20 meter med hela 400 QSO mer än OH4A. Anledningen till detta är att 3x5 element

på 60 meters höjd helt enkelt är vassare än 3x4 på 45 meters höjd. Dessutom en aningen bättre och mindre nordlig väg mot USA (den här gången mindre påverkad av Aurora). Inte heller att förglomma - det snabbt ihopsnickrade slutsteget för 20 meter på OH4A blev stående en hel natt pga att diobrygga blev för klent dimensionerad. Nybygge av diobrygga model större samt användning av ett QRP-steg under en natt gynade inte QSO-antalet heller. SK3W hade helt enkelt mera Sisu och kraft på detta band...

SK3W erhöll 76 mer prefix som ett resultat av större antal 20-meterskontakter till USA, samt inte minst mer aktiv sökning av nya multisar med B-VFO.

Övriga band mer eller mindre jämna med fördel OH4A för 2 element Linear Loaded Yagi på 80 meter, samt fördel SK3W för litet bättre resultat på 10 meter.

10 meter var tack vara det starka norrskenet tämligen spännande. Först ett 30-tal japaner i loggen och sedan jonisering av E-skiktet och fina piler för både SK3W och OH4A mot Europa.

Efterspel

Det var en synnerligen trevlig tillställning att kämpa sida vid sida med Fröken Aurora som gemensam utmaning. Att köra contest från Finland var även det en mycket uppskattad upplevelse som jag gärna upprepar. Stort tack till Jukka OH6LI för inbjudan samt för en superservice i form av förstklassig tillagning och servering av gourmetmat vid operatörsplatserna! Bästa contestspisen sedan Jonas SM5PHU:s Biff Rydberg i samband med Russian DX Contest i Fernebo. Jonas och Jukka skulle gemensamt kunna öppna den första Guide Michelin contestrestaurangen :)

OH4A förlorade måhända kampen på mållinjen... men vi vann över SK3W på en viktig punkt - After-Contest Sauna

med en kall finsk pilsner vid den underbart vackert belägna finska sjön precis invid OH4A!

Nu är det dags att ladda batterierna och se denna tävling som en försmak inför Scandinavian Cup i SAC! Vi får se vem som vinner bataljen den gången :)

73 de SM6LRR, Mats

English summary:

The friendly battle between mainly Finnish and Swedish "Super Contest Stations" have always generated a stimulating enthusiasm on both sides of the Gulf of Bothnia. The most intense period of the year is needless to say the Scandinavian Activity Contest, but also other events can trigger some "need for speed" and adrenaline. In CQ WPX CW 2011, two Multi-Multi stations from the two countries, gathered on one hand a fully Swedish team at SK3W - and one team based on strong Finns but reinforced with a Swede and a Russian at OH4A. Despite of fantastic presence of Mrs. Aurora, these two teams fought side by side to determine which station was best at this particular event. Thanks to small differences in equipment and location and possibly other reasons, SK3W became the winner of this pre-battle for Scandinavian Cup in SAC.



One of Olli's many fine QSL-cards.

PZ5XX

Suomen Mestaruus-kisa toi väriä bandeille ja mediaan!

Jari Jussila, OH2BU/OH7RF
oh2bu@sral.fi

Kotimaista kilpailutoimintaa on viimeisen kymmenen vuoden aikana kohdannut tasainen näivettyminen. Kilpailuiden osanottajamäärät ovat hitaasti mutta varmasti laskeutuneet eikä järjestäjilläkään aina ole ollut suurta motivaatiota kilpailuunsa mikä on näkynyt mm. sääntöjen julkistamisen unohtamisena ja tuloksien tarkastamisen viivästyksenä. Kilpailun viimeinen piste, eli palkintojen jako on sekin eräissä tapauksissa jäänyt hoitamatta.

Hallitus nimesi kehitystyöryhmän

Liiton hallitus nimesi keväällä 2010 Hessun, OH6XY, ”kehityspäälliköksi” eli kokoonkutsujaksi ja puheenjohtajaksi työryhmään, jonka tehtävänä oli kartoittaa nykytila ja palauttaa innostus kilpailutoimintaan. Hallitus nimesi työryhmään myös Tomin, OH6EI; Mikon, OH4XX; ja Mikan, OH2BJ. Kaikki kokeneita kilpailumiehiä.

Työryhmä pyysi ja sai runsaasti kommentteja siitä, miten kilpailutoimintaa voisi tai tulisi kehittää ja erityisesti, kuinka sen imagoa pitäisi nostaa erityisesti uusien amatöörien keskuudessa. Eräässä Hessulle, OH6XY, tehdyssä esityksessä pohdittiin mahdollisuutta järjestää kotimaan kilpailu, joka houkuttelisi osanottajia ”Suomen Mestaruus-kilpailu” -arvolla ja jolla samalla voitaisiin luoda positiivista julkisuutta tälle harasteelle myös tiedotusvälineissä. Siis kaksi kärkeä yhdellä kertaa.

Kilpailukysely loi puitteet uusille säännöille

Työryhmän mittavin suoritus oli kuitenkin kotimaisen kilpailukyselyn järjestäminen. Liiton sivuilla olleeseen lomakkeeseen vastasi peräti 230 henkeä. Kyselyssä kartoitettiin pitkälle sitä, mitkä olisivat sellaiset säännöt jolla kilpailuiden osallistujamäärä saataisiin nousuun. Selvisi, että kilpailuista kiinnostuneet olivat selvästi liberaalimpia kuin järjestäjät ja halusivat muutoksia sääntöihin.

Kilpailukyselyn tulokset esiteltiin Räyskälän kesäleirillä. Keskustelussa ne saivat positiivista palautetta. Samalla työryhmä uudisti perusluokan ja yleisluokan kiertopalkintojen säännöt. Kehitystyöryhmän loppuraportti löytyy Radioamatööri-lehden 4/2011 sivuilta 28-29.

OH7AB tarttuu asiaan!

Kalakukko-kilpailu on ollut jo pitkään ”suosituin” kotimainen HF-kilpailu, jos suosion mittana pidetään osallistujamäärää. Kilpailun osallistujamäärät olivat laskussa muiden kisojen mukana, kunnes vuonna 2007 kerhon hallitus tarttui asiaan ja päätti, että laskukierteelle pitää tehdä jotakin.

Silloisten yleisten sääntöjen puitteissa ryhdyttiin kilpailua aktiivisesti markkinoimaan ja mm. tavarapalkinnoilla haettiin uusia osallistujia. Kalakukon osallistujamäärät saatiinkin huippeaan nousuun vuosina 2007 ja 2009. Kerhon kilpailuporukka seurasi aktiivi-

sesti kehitystyöryhmän tuloksia, sillä Pohjois-Karjalan Radiokerholla, OH7AB, oli Kalakukon järjestämisvuoro jälleen keväällä 2011.

Säännöt muutettiin kilpailukyselyn hengen mukaisiksi

Kalakukon sääntöjä muutettiin kilpailukyselyn sääntöjen hengen mukaisesti erityisesti seuraavilta osin kun uskottiin niillä lisättävän osallistujamäärää:

- vasta-aseman lokin puuttumisesta ei enää rangaista,
- kilpailusarjojen määrää lisättiin ja
- säännöistä poistettiin sinne vuosien aikana pesiytyneitä kieltoja, ukaseja ja ”uhkauksia”.

Uusia sääntöjä ”testattiin” usealla taholla ja pieniä viilauksia tehtiin ennen lopullista versiota. Uudet säännöt hyväksyttiin kerhon hallituksessa ja samalla pystytettiin kilpailun markkinointi- ja järjestelyorganisaatio sekä kilpailutoimikunta.

”Kilpailutoiminta tarvitsee sankareita”

Järjestäjät päättivät jälleen satsata markkinointiin mutta nyt uudella tasolla – tähtäys nostattaa kilpailutoimintaa ja voittajia myös tiedotusvälineissä. Liiton kilpailutoiminnan kehitysryhmän ideoista omittiin myös ”Suomen Mestaruus” -arvo, onhan Kalakukko perinteisesti viime vuosina ollut ylivoimaisesti suosituin kotimaan kilpailu ja tulokset tulleet nopeasti.

Päätös uuden tason markkinoinnista oli merkittävä, sillä samalla kerhon järjestäjäporukka sitoutui kymmenien ja kymmenien lisätuntien työmäärään. SM-arvon tiedettiin kuitenkin avaavan ovia ja helpottavan positiivisten uutisten läpimenoa.

Ennakkomarkkinointi avainasemassa

Kutsu kilpailuun julkaistiin Radioamatöörilehdessä 4/2011 ss. 30-31. Tämän lisäksi kilpailusta tiedotettiin Liiton bulletineissa ja useamman kerran sähköpostiliistoilla. Lisäksi noin 60 sellaiselle amatöörille, jotka silloin tällöin ovat osallistuneet kotimaan kilpailuihin, lähetettiin täsmämarkkinointia tavoitteena saada heidät nyt mukaan uusien sääntöjen myötä.

Myös STT:lle ja erälle suurimmille tiedotusvälineille lähetettiin ennakkomateriaalia toiveena, että joku saattaisi kiinnostua tekemään jutun jo varsinaisesta kilpailusta. Lehdistöiedotteessa tarjottiin mahdollisuutta päästä seuraamaan kilpailua reaaliaikaisesti. Valitettavasti tämä lehdistöiedote ei tuonut yhtään osumaa.



POHJOIS-KARJALAN
radiokerho ry OH7AB

11

2011
Kalakukko

Kilpailu oli ”ISO JYTKY”

Toisena pääsiäispäivä pidetty kilpailu ylitti suosiossa järjestäjien odotukset. Järjestäjille toimitettiin yhteensä 151 lokia, sisältäen 174. SSB-lokeja oli 79, CW-lokeja 48 ja RTTY-lokeja 24.

Yhteensä kolmessa kilpailussa oli 219 osallistujaa ja yhteyksiä pidettiin yhteensä 12.557. Tarkistettuja yhteyksiä oli tästä 11.560 eli hieman yli 90 %. Kilpailun osallistujamäärä oli suurimpia miesmuistiin.

Lokien tarkastus ennätysajassa

Lokit muutettiin tarkastusohjelman vaatimaan muotoon lähes reaaliaikaisesti, niin että käytännössä joka hetki oli tiedossa kilpailun tilanne. Paperilokit muutettiin sähköiseen muotoon ja syötettiin tarkastusohjelmaan.

Tulleita erilaisia lokiformaatteja oli runsaasti, kuten oheinen taulukko osoittaa.

Cabrillo	69	45.7
Paperi	20	13.2
Excel	13	8.6
OH3UU-file	12	7.9
Fintest-file	9	6.0
Sähköpostivapaa	9	6.0
Ascii-fileformaatti	8	5.3
Adif	3	2.0
Skannattupaperiloki	2	1.3
Wordvapaa	2	1.3
Ascii-filevapaa	1	0.7
Sähköpostiformaatti	1	0.7
Wordformaatti	1	0.7
Tekstiviesti	1	0.7



Jukka, OH4MFA/OG4T, osallistui kilpailuun portable-luokassa.

Taulukon "vapaa" tarkoittaa, että loki tiedot olivat lähettäjän valitsemassa vapaamuotoisessa järjestyksessä ja "formaatti", että lähettäjä oli luultavasti käyttänyt jotakin ohjelmaa, joka teki lokin, jossa samat tiedot olivat samalla kohtaa kullakin rivillä.

Tulokset valmistuvat ennätysajassa

Lokien viimeinen palautuspäivä oli maanantaina 9.5. Kerhon postilokerolla käytiin vielä keskiviikkona 11.5. hakemassa kaksi viimeistä paperilokkia ja ennakkotulokset julkistettiin RTTY- ja CW-osasta vielä saman päivän iltana ja SSB-osasta seuraavana päivänä.

Tulosten valmistuttua alkoi kahden viikon "protestiaika", jona aikana kilpailijat pystyivät pyytämään korjausta tuloksiin. Havaintojen helpottamiseksi kaikki lähetetyt kilpailulokit julkistettiin kerhon kotisivulla.

Lehdistötiedotus alkoi

Ennakkotulosten perusteella laadittiin oheinen valtakunnallinen lehdistötiedote, joka lähetettiin suurimmille tiedotusvälineille.

Kilpailun luonnehdinnan ja tulosten lisäksi tiedotteessa annettiin "rautalankamallilla" yleistietao radioamatööri- ja kilpailutoiminnasta toiminnasta

Pääkohderyhmän paikalliset tiedotusvälineet

Koska kilpailussa oli kolme modea, SSB-, CW ja RTTY, ja kilpailusarjoja oli useampia, uusia Suomen Mestareita tuli 23 kappaletta.

Lehdistötiedotteiden pääkohderyhmänä

olivat maakunta- ja paikallislehdet sekä paikalliset sähköiset mediat. Oli jo etukäteen selvää, ettei valtakunnallisella tasolla juurikaan pääsis mediaan.

Käytännössä kaikista voittajista mutta myös hopean ja pronssin voittaneista tehtiin paikallinen lehdistötiedote.

Lehdistötiedotteita tehtiin yhteensä 70, jokainen erillinen ja ne toimitettiin suoraan toimituksille. Jokaisessa tiedotteessa pyrittiin löytämään mielenkiintoinen lisäpiirre voittajasta tai kilpailusta, joka nostaisi toimituksen kiinnostusta.

Toimittajien yhteydenottojen helpottamiseksi kussakin tiedotteessa oli tavannukaan voittajan yhteystiedot, lähinnä puhelinnumero ja sähköpostiosoite. Myös paikallisesta kerhosta mainittiin tiedotteissa ja annettiin yhteystiedot. Paikallisille medioille laitettiin liitteeksi myös kopio valtakunnallisesta tiedotteesta.

Yli 30 mediaosumaa!

Yli 30 tiedotusvälinettä julkaisi Suomen Mestaruus-kilpailun tulokset ja ainakin yhdeksän teki kilpailijoista laajemman jutun tai henkilöhaastattelun! Kyseessä on eittämättä pitkään aikaan suurin radioamatööritoiminnan saama positiivinen julkisuus suomalaisissa tiedotusvälineissä!

Edellisen kerran vastaavaa mediajulkisuutta saatiin Turva 2002-harjoituksesta, mutta saattaa olla että silloinkin juttuja tehneiden tiedotusvälineiden määrä oli pienempi? Jos Suomen Mestaruus-kilpailu oli osanottajamäärältään "iso jytty", voi myös tiedotuksen onnistumista pitää toisena "isona jyttyinä"

www.oh7ab.fi

Pohjois-Karjalan Radiokerhon, OH7AB, kotisivulta löytyvät osoitteesta <http://www.oh7ab.fi/kilpailut/kalakukko-2011/>

-kilpailun lopulliset tulokset ja analyysi tuloksen muodostumisesta
-kaikkien kilpailuun osallistujien loki
-kommentteja kilpailijoilta ja sähköpostilistoilta lähetetyt tiedotteet
-lista yli 30 mediaosumasta, linkki ao. mediaan tai skannattu kuva artikkelista
-valtakunnallinen lehdistötiedote sekä esimerkkejä paikallisista tiedotteista

Kiitokset

Kilpailun järjestämiseen, tuloksien tarkastamiseen ja lehdistötiedotukseen käytettiin yhteensä aikaa noin 200 tuntia. OH7AB:n jäsenet sitoutuivat tinkimättä tiukkaan aika-tilaan ja valtavaan työmäärään. Uskomme tuoneemme uutta väriä bandeille, nostaen kilpailutoiminnan statusta mutta ennen kaikkea luoneemme positiivista imagoa harrasteella tiedotusvälineissä.

Erityinen kiitos kerhon kilpailutoimikunnalle: Masa, OH7MN; Manu, OH7UE; ja Arto, OH7BD sekä Petrille, OH7FAE ja kerhon web-masterille Jussille, OH7FQQ, ketään muutamaa unohtamatta. Kiitokset myös kerhon hallitukselle kaikesta tuesta. Kilpailutoimikunnan sihteerinä ja mediavastaavana toimi Jari, OH7RF/OH2BU.

INSEUTU

5

Jaalalainen Pertti Paalanen toiseksi radioamatöörin SM-kilpailuissa

Jaalan Verlassa asuva **Pertti Paalanen** (radiotunnus OH5R) toi Kymenlaaksoon hopeaa radioamatöörin Suomenmestaruuskilpailuissa.

Paalanen osallistui yhden alueen sarjaan, joka edellyttää kyseisen vaikean radiotaajuusalueen lähes täydellistä hallintaa, hyvää radioasemaa sekä nopeaa ja luotettavaa yhteyksien pitämistä.

Paalanen sai kahden tunnin aikana 104 yhteyttä mutta jäi radiokelillisistä syistä jälkeen yhteyksissä lisäpisteitä antaviin eri maakuntiin. Paalanen on kilpailuosaamisen lisäksi tunnettu myös kauko-yhteyksien erikoisosaajana, jossa hän on myös lähellä Suomen kärkeä.

Kouvolasta työskennellyt **Marita Ritmala-Castrén** (OH5KIZ) sijoittui lisäksi viidenneksi kilpailun suurimmassa sarjassa, puhetyöskentelyn yleisluokassa ollen ylivoimaisesti parhaiten sijoittunut naisradioamatööri. Naisosallistujia kilpailussa oli kymmenen.

Kilpailuihin osallistui harvinaisen suuri määrä radioasemia ympäri Suomea.

Suomenmestaruuskilpailut järjestettiin toisena pääsiäispäivänä ja lopulliset tulokset ovat nyt valmistuneet asemapäiväkirjojen tarkastamisen jälkeen.

Suomen Mestaruus-kilpailut järjesti Joensuussa sijaitseva Pohjois-Karjalan Radiokerho ry., OH7AB. Pohjois-Karjalan Radiokerho ry. on ylläpitänyt ja kehittänyt radioharrastustoimintaa Pohjois-Karjalassa jo vuodesta 1971.

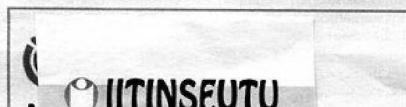
Radioamatööri on henkilö, joka suoritettuaan Viestintävirastolle tutkinnon, saa virallisen radiotunnuksen ja on oikeutettu hallitsemaan ja käyttämään radiolähettimiä radioamatööreille varatuilla radiotaajuuksilla. Suomessa suurin sallittu lähetysteho on 1.500 W. Suomessa radioamatöörejä on noin 5.500, maailmassa yli kaksi miljoonaa.

Radioamatöörikilpailuihin osallistuvat ottavat yleensä yhteyksiä kotonaan tai kerhoasemilla olevilta radioasemilta. Yhteyksiä pidetään puheella, sähkötyksellä (Morse) tai tietokoneella, joka on kytketty radiovastaanottiin ja -lähettimeen. Kilpailijoiden radioasemat ovat hyvinkin eritasoisia, jonka

vuoksi usealla eri kilpailusarjalla pyritään kullekin kilpailijalle löytämään hänelle tasa-arvoiset kilpakumppanit ja tasoitamaan asemien välisiä eroja.

Kotimaisissa radioamatöörikilpailuissa kilpailuajaksi on yleensä kaksi tuntia, jonka aikana samaan vasta-asemaan saa ottaa yhteyden kaksi kertaa kummallakin taajuusalueella. Kilpailija saa yhteyden joko itse kutsuamalla kilpailukutsua tai vastaamalla toisen kilpailijan kutsuun. Yhteyden aikana vaihdetaan asematunnuksen lisäksi lyhyt kahdeksanmerkinen kilpailusanoma, joka sisältää mm. maakuntakoodin, jossa asema sijaitsee.

Kilpailun jälkeen osanottajat lähettävät asemapäiväkirjansa (ns. loki) kilpailun järjestäjille, jotka tarkistavat että pidetty yhteys löytyy kummankin aseman päiväkirjasta. Kilpailija saa erikseen lisäpisteitä jokaisesta maakunnasta, johon hän on pitänyt yhteyden.



Iitinseutu-paikallislehti julkisti näyttävästi Pertin, OH5TQ, hopeasijan.

Suomen Mestarit

SSB

Yleisluokka, yli 100 W **Timo Pohjola, OH1TM/OH1MDR** tunnuksella OH1F, Pori

Yleisluokka, 100 W tai alle **Ville Manninen, OH6QR**, Ähtäri
Perusluokka **Heikki Leppäjärvi, OH3JKV**, Juupajoki
Single band 80 m **Kari Matilainen, OH4KA**, QTH Mikkeli
Single band 40 m **Kari Hirvonen, OH2BP**, Tuusula
QRP-luokka **Raimo Laine, OH1FEB**, Raisio
Uusien amatöörien luokka **Risto Pölkki, OH6FTR**, Kyyjärvi
Portable-sarja **Jukka Tarvainen, OH4MFA/OG4T**, Pieksämäki
"Minun tuntini" **Juhani Kaiturinmäki, OH2BCD**, Helsinki

CW

Yleisluokka, yli 100 W **Jari Jussila, OH2BU**, Kirkkonummi
Yleisluokka, 100 W tai alle **jaettu mestaruus:**

Ville Manninen, OH6QR, Ähtäri
Jari Ojala, OH8L, Raahe
Reino Anttonen, OH5UFO, Hämeenkyrö

Perusluokka **Mikko Silvola, OH8FKU**, Raahe
Single band 80 m **Terho Ikäheimonen, OH6VP**, Lievestuore
Single band 40 m **Tapani Juhola, OH2LU**, Kirkkonummi
QRP-luokka **Jari Hakala, OH8WW**, Pattijoki
Portable.sarja **Jukka Tarvainen, OH4MFA/OG4T**, Pieksämäki
"Minun tuntini" **Olli Rissanen, OH2BBM/8**, Kiiminki

RTTY

Yli 100 W voiton jakavat

Jaakko Silanto, OH1MA tunnuksella **OG4X**
Kari Hirvonen, OH2BP.

100 Watin luokka **Petri Ikonen, OH7FAE**, Joensuu.
"Elämäni ensimmäinen RTTY-kisa"-luokka **Kari Viitamäki, OH6FSG**, tunnuksella **OH6K**.

SAC activity in Finland and elsewhere



Arkala **OH8X** will be manned by OH1WZ in CW.
Look for big signals and clear copy.



Toni, OH2UA will depart for **OH0X**.



OG1M will be manned by OH3KAV and OH3LB in CW. Seppo OH1VR allowed the use of our club's call **OI3V**. (Lyly Signal Depot ARC). Both operators are mainly interest on CW - code and have been licensed for over 20 years. The picture has LB / Vexi @ OI3V Sälgrund light-house.

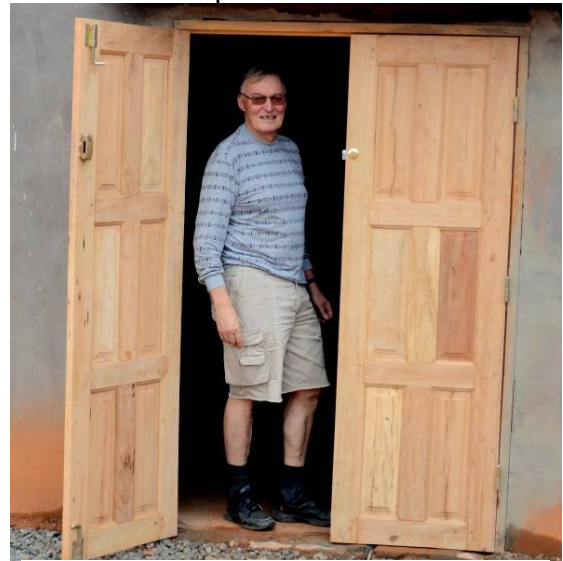
Did you know THIS?

In CQ WW, the M/M World record is 100 million points, made by 30+ ops.
Volta RTTY contest SOAB winners score more than 1E9 points! Would this have to do with the former I-currency?

One more reason to be QRV on RTTY.



OJ0X will be piloted in SAC SSB by SM0W Teemu, field-day-style. Look for me in the splatter from OH8X



On CW, look for **OJ0X** by Pertti OH2PM.

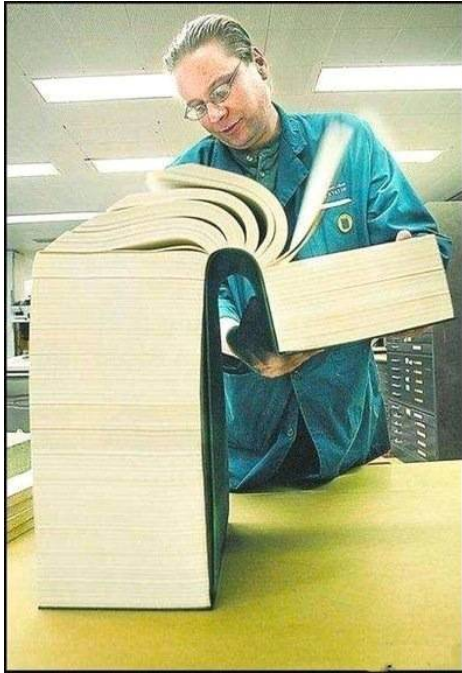


OH2BH will be aired by OH6UM (r, with OH7EA)



Martti will be QRV with the call **OH50BH**

SAC activity in Finland and elsewhere



Jaska OH2ΩΩ, purchased Wise-Logger 1.0 (See PileUP! 15(3)) and was pictured with the User manual. Wise-Logger 1.0 supports SAC.



SE5E Ingo will be QRV both on SAC CW and SSB. Look for ten dits on a frequency near you!



In PY-Land we will have our own local competition between OH and SM. Myself Thomas **PY2ZXU** and Ville **PY2ZEA** (OH2MM).



ILMAVEIVI KAMPANJA

These OH-stations have announced Zorro-goal **activity in SAC 2011**. This (SRAL) activity campaign was initiated by OH2BH, OG9X et al. More on the campaign in PileUP! 15(5).

OH1AJ, OH1BOI, OH1BV, OH1CQ, OH1EB, OH1EG, OH1F, OH1FEQ, OH1HKN, OH1JP, OH1JT, OH1LEG, OH1MA, OH1MRR, OH1ND, OH1NM, OH1OR, OH1POR, OH1PS, OH1RX, OH1TN, OH1TV, OH1TX, OH1VR, OG1M, OG1R, OG1T

OH2BBR, OH2BGR, OH2BH, OH2BMO, OH2BO, OH2BP, OH2BR, OH2BRL, OH2BU, OH2BXT, OH2GSA, OH2KI, OH2KW, OH2LP, OH2MA, OH2NM, OH2T, OH2TP, OH2VB, OH2XX, OH2YL, OH2YV, OH2YY, OH2ZH, OH2ZZ

OH3AA, OH3AD, OH3CT, OH3CV, OH3DP, OH3FOC, OH3FOG, OH3GGQ, OH3GTL, OH3JP, OH3JR, OH3KRH, OH3MC, OH3NVK, OH3RF, OH3UU, OH3UW, OH3WD, OH3VV, OH3XA, OH3XT, OG3A, OG3R

OG4T, OH4AB, OH4KZM, OH4MDY, OH4TY, OH4XX,

OH50BH, OH5BM, OH5GJZ, OH5LAP, OH5NE, OH5NZ, OH5TQ, OH5UQ, OH5VG, OH5WR, OH5XO, OH5Z, OG5A

OH6AD, OH6BG, OH6CT, OH6K, OH6KN, OH6MC, OH6MW, OH6OS, OH6RM, OH6UM, OG6R, OH6XY, OH6NT, OH6JE, OH6FA, OH6NVT, OH6ML, OH6MK, OH6GHI, OH6GDX, OH6GSB, OH6ZH

OH7A, OH7FKV, OH7HL, OH7HM, OH7KB, OH7MFO, OH7QA, OH7RJ, OH7SP

OH8CW, OH8MBN, OH8MEJ, OH8NJ, OH8UL, OH8UV, OH8X,

OH9MDV, OH9RI/OH2BBM, OH9VM, OH9W

SRA- STNS: OI3AX, OI3VSM

SAC activity in Finland and Elsewhere & Huumoria



Look for Allan! On CW he is **SM5CSS** SOAB-LP and on SSB it will be **7S5S** SOAB-HP.



Ville, PY2ZEA is chasing after you, Scandinavian ham.

What is a plate supply builder's favorite movie?

Hamikansanradio

SAC lauantai 17.9.2011

Ohjelmassa:

- 8:00 Huomenta suoli.
- 8:30 Aamun valitukset 3699' ssä.
- 9:00 Jepen tarina: Liian kapeat suotimet – niin monta menetettyä QSOa.
- 10:00 Mitä tehdä kun linukka menee rikki. Aarnen järkyttävä kokemus vuodelta 2009.
- 11:00 Lounasajan DX-katsaus, otteita DX-Summitista.
- 12:00 Vaimo vai radio? Radiopsykiatri vastaa.
- 13:00 Keliuutiset. Tänään kuulemme kuinka CME on jälleen lamaannuttanut DX-kelit ja kaikki meneillään olevat peditiot jäävät workkimatta.
- 14:00 Päivän pottuilut. Suomen riitely-ammattiliiton kyselytunti.
- 15:00 Itku ja hammasten kiristys. Itku pitkästä ilosta: Lupa lähti. Ylitehon puolestapuhuja Janne (nimi muutettu) kertoo kokemuksistaan
- 16:00 Yliluonnolliset ilmiöt. Näin taivaalla lentävän VFO:n. A.F. Grann. JOHAN, tarinoi.
- 17:30 Ysiysin kootut jaaritukset tänään
- 20:30 Triodit ja tetrodit sekaisin. Auringonpilkut eivät vaikuta s*ksielämään.
- 21:00 Daa daa di. daa di

HAM-HERITAGE BEING COLLECTED IN FINLAND

PileUP!-n toimituksen Lönnrot, Kohosen Rane, kiersi alkukesän 2011 eteläistä OH6-piiriä ryypäten vuoroin eri hamitoverin luona ja keräten katoavaa hami-perinnetietoa. Työhön oli saatu tuohikirstu ja apuraha säätiöltä ”Finlandsvenska djurens välbefinnandet i Centrala Finland -Stiftelse”. Rane löysikin aivan uuden sanonnan sekä joukon idiomeja.

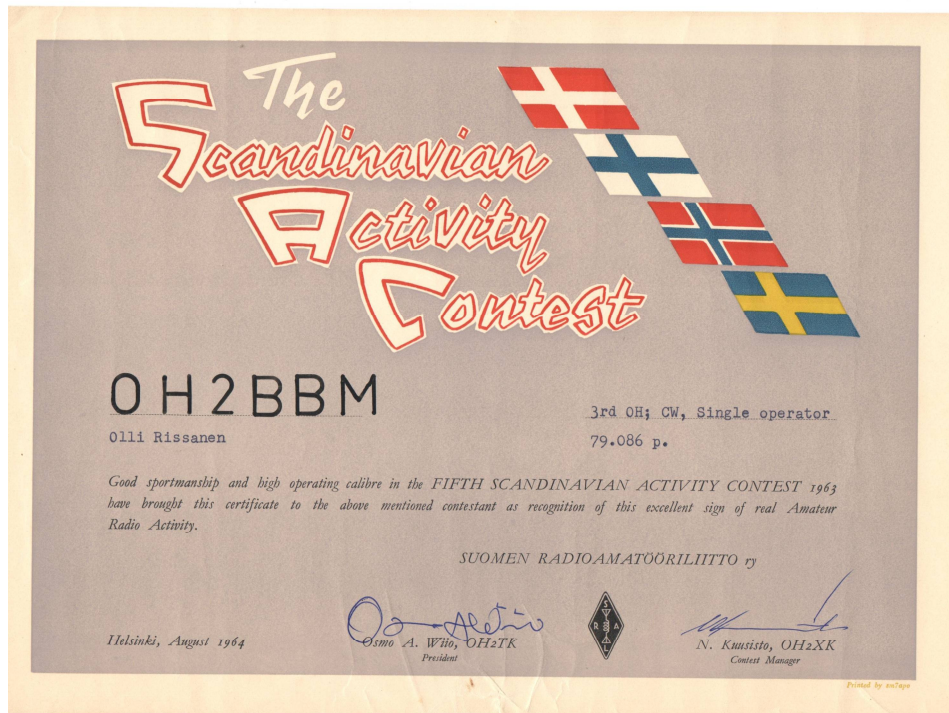
Konnevesi: ”Joka toiselle kuoppaa kaivaa, joutuu valamaan siihen harusankkurin”

*Siinä on kaveri jolla on jalat maadoitettu.
Fonemies puhuu muttei pussaa.
Hänen dipolinsa olivat päin mäntyä.
Juoksin tukka radioputkella.
Annoin hänen kuulla kontestikunniansa.
Ei kannata tavoitella EME-kuuta taivaalta.
Vaimo on kuin magneettimyrskyn merkki.
Oletko noussut väärällä mastojalalla?
Haistoin palaneen linukan käryä.
Hän on samalla aaltopituudella kuin minä.*

*Voitko sanoa asiasi käsi CW-avaimella?
Maadoitus alkoi polttaa hänen jalkojensa alla.
Hän myös osasi nähdä metsän dipolipuilta.
Naapuri on heittänyt teleskooppimaston veivinsä.
Hän osaa lukea clusteririvien välistä.
Joskus täytyy asioita katsoa läpi CW-sormien.
Älä polta ensiökäämiäsi.
He ovat aina säätonapit vastakkain.
Tuntemme olevamme samassa veneessä /MM.*

Jos joku löytää Ranella olleen tuohikirstun, laittakaa viestiä toimitukseen. Säätiö kaipaa sitä ja me siellä olleita kolmea kossupulloa. Muuramelaisille tiedoksi: Ranelta katkesi vain neljä kylkiluuta siellä maadotuslangoissa rymisteltäessä. Syvä tajuttomuus johtui muusta.

Monster-Olli, OH2BBM



My contesting career started in 1963 with SAC CW operating at my grandfather's summer cottage located close to Lohja, very close to the QTH of OH2BAH and OH2PO. I had a Finnish RP65 receiver and a homebrew 100-watt transmitter. A Zepp antenna was hoisted at 10 meters above the ground.

In 1966 I had a notice from PTH (nowadays FICORA) to stop transmitting at that location because the three households connected to the same powerline suffered from serious voltage drops – OK, I might have had a linear at that time already. I was on bad track, this was a second notice. The first one was in 1964 in Eerikinkatu, downtown Helsinki, where I was causing BCI to a couple of neighbours. So I had sail to OH0 to continue.

In SAC CW of 1987, I was second in Scandinavia after Ville OH2MM. It was just a couple of points separating, and it was due to the fact that I had copied two multiplier calls wrong and lost the points in the log check. Anyway I still am of the opinion that one should deliver the logs in WRTC style, ten minutes after the contest, no post-contest cooking. In a marathon you cannot go back and re-run the 13–15-km leg just because you took a wrong drink there and suffered from stomach ache.

In my SAC list you might notice that in SAC SSB of 1994 I participated both as 9M2RH and as OH0XX/DU1. I went to 9M2RH for CNCW and SAC and came back home early enough to participate from home, too! This is real multiplier commitment!

In 1995 (CW) I operated from home OH0XX/DU1 the first day and the second I passed a couple of blocks to DU9RG's home to be part of 4F1X team operating there.

In 1999 (SSB) I used two callsigns: YV4A in Camatagua (@YV5AMH) and YV5/OH0XX at home in Caracas.

My EA4BQ SAC operations were combined to CNCW. CNCW and SAC SSB coincided until 2010 and I only could operate 2 hours in SAC SSB before the CNCW started. CNCW unfortunately had the priority.



HP1WW SAC 2007.

Here is the list of all my SAC participations over the years. My kids Miisa, Timo and Juha were born in the 70's and that explains the radio silence 1969 -1980.



1963 CW OH2BBM (first contest - 3rd OH)
 1963 SSB OH2BBM
 1969 CW OH2BBM
 1980 SSB OH0AM
 1981 CW OH0XX
 1981 SSB OH0XX
 1987 CW OH0XX (2nd Scandinavia)
 1991 SSB ED8GC
 1992 CW 8P9EA
 1992 SSB 8P9EA
 1993 CW 8R1RPN
 1994 CW OH0XX/DU1
 1994 SSB 9M2RH
 1994 SSB OH0XX/DU1

1995 SSB OH0XX/DU1
 1995 CW 4F1X
 1995 CW OH0XX/DU1
 1997 SSB EA9/EA4BQ
 1998 CW LU/OH0XX
 1998 SSB LU/OH0XX
 1999 SSB YV5/OH0XX
 1999 SSB YV4A
 1999 CW YV5/OH0XX
 2000 SSB EA4BQ
 2000 CW EA4BQ
 2001 CW EA4BQ
 2002 CW EA4BQ
 2003 SSB EA4BQ
 2003 CW EA4BQ
 2004 CW EA4BQ
 2005 SSB EA4BQ/EA5
 2005 CW EA8ZS (Continental winner)
 2006 CW EA6/EA4BQ
 2006 CW HP1WW
 2007 SSB EA7/EA4BQ
 2008 CW EA4BQ/EA8 (Continental winner)
 2009 SSB EA4BQ/1
 2010 CW OH2BBM/8

See you in SAC CW from OH9R @OH9RI!

Olli



Hamina ARC OH5AD celebrates her 50th anniversary during the weekend of September 17-18. We will set up two stations in the historic part of the citadel of Hamina, in the Gun Powder Cellar. The city has the traditional Night of Lights on the 16th and we will have open doors with both stations on the air then. The actual anniversary party is at 09 UTC on the 17th but we will have two stations ready to run the SAC CW Contest from its start at 12 UTC. The call will be **OG5A**, the class M/M and the operators OH5TS (left), OH5UX and OH5XX. Our target is 850k points. Our club will also attend the SSB part from the club, most likely in M/S class. The operators will be the youngsters of the club. Calls will be announced later.

VETOOMUS RTTY miehille!

Hei kaikki vividit RTTY-konteterit

Tiesithän, että nyt vuosien vaikuttamistyön tuloksena SAC/SSB ja CQWW RTTY samanaikaisuuskonflikti on poistunut SAC-säännöistä.

Nyt siis RTTY-laitteet hetkeksi jäähtymään ja tule antamaan panoksesi SAC-SSB-osioonkin.

Workitaan ja naatitaan - siis molemmissa !

73, Kari The RTTY Man, OH2BP



Haluaisitko? <http://www.sral.fi/sac2011/>

Solar Cycle 24 – An update for SAC Fans

Carl Luetzelschwab K9LA

k9la@arrl.net

Solar Cycle 24 (C24) continues its slow ascent. The latest data as of the time I wrote this is for August 2011 with respect to monthly mean solar indices

and February 2011 with respect to smoothed solar indices. Figure 1 plots this data for sunspot numbers, and Figure 2 plots this data for 10.7 cm solar flux.

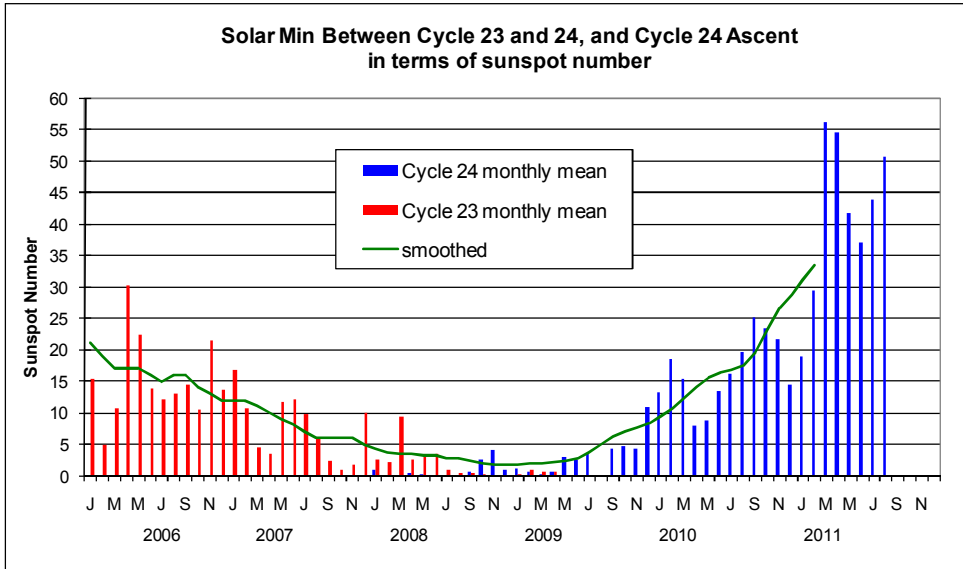


Figure 1 – Sunspot Numbers

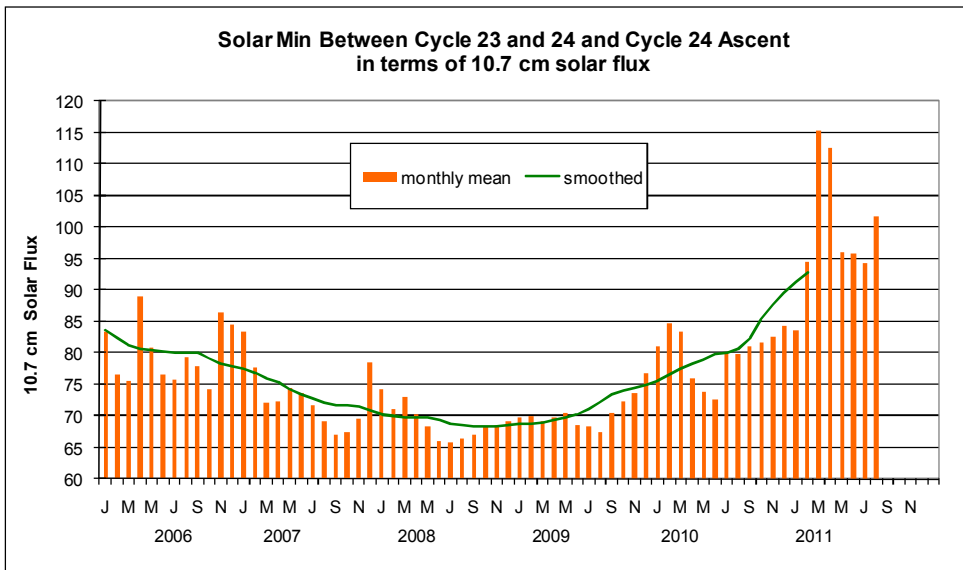


Figure 2 – 10.7 cm Solar Flux

Note the 16-month overlap in the Figure 1 data with respect to C23 sunspots and C24 sunspots from January 2008 through April 2009. This is typical of solar minimum periods, and solar scientists can differentiate between old cycle sunspots and new cycle sunspots based on the latitude of emergence and the magnetic polarity. Also note the short-term ups and downs in the monthly mean data in both figures (which also is

typical). The good news is the smoothed solar indices continue to rise, meaning C24 continues its ascent.

The bad news is C24’s rate of ascent is very slow. Figure 3 shows the ascent for Cycles 19 through 24 in terms of the smoothed sunspot number.

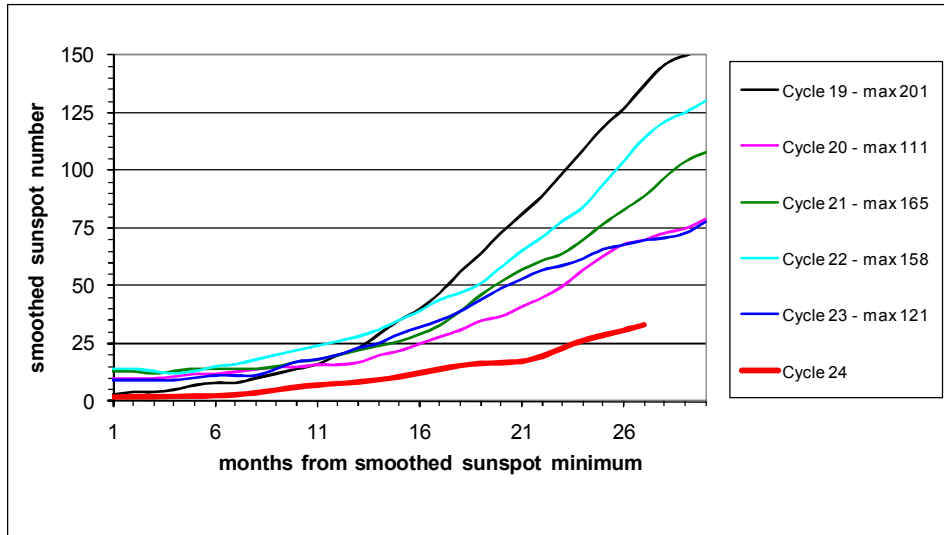


Figure 3 – Ascent of Cycles 19-24

Even considering C24's lower starting point (a smoothed sunspot number of about 2) it still exhibits the slowest ascent of the six solar cycles plotted. Because the maximum smoothed sunspot number of a cycle is correlated to the rate of ascent of the cycle, most solar scientists now believe C24 will be a below average cycle. The maximum is predicted to be around 90 in terms of the smoothed sunspot number and around 140 in terms of the smoothed 10.7 cm solar flux. The maximum is predicted to be in mid 2013, which is about two years away.

For those at high latitudes (for example, the Scandinavian countries), the deep and long solar minimum period between C23 and C24 resulted in an extremely quiet geomagnetic field. This should have minimized problems with the auroral zone. Figure 4 shows this data in terms of the number of days in the month that the planetary Ap index was below 7, indicating quiet conditions.

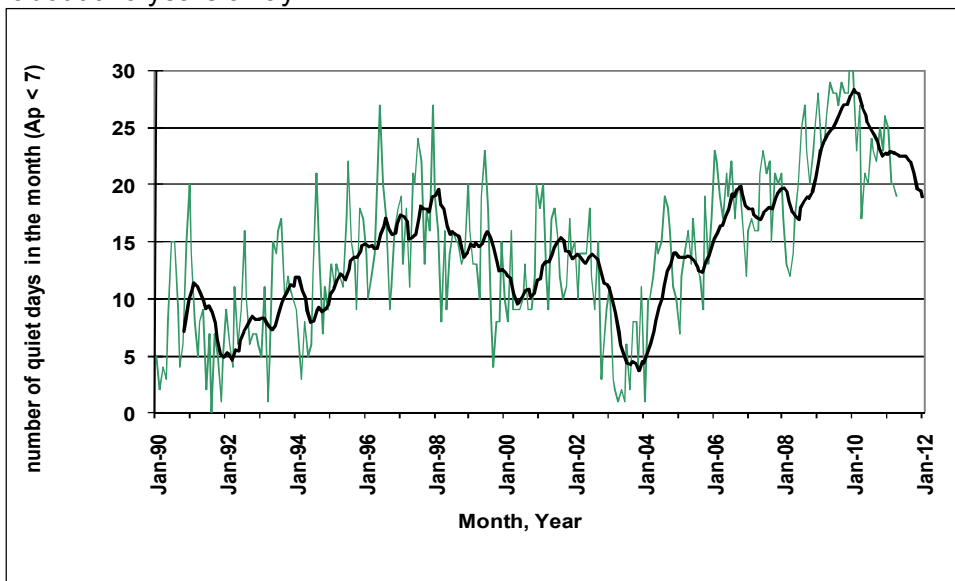


Figure 4 – Geomagnetic Field Activity

The green curve is the raw data (number of days in the month when the Ap index was less than or equal to 7), and the black curve is a 10-month running average to better see the trends.

Note that the quietest period of a solar cycle (in terms of geomagnetic field activity) is a year or so after solar minimum. For example, solar minimum between C22 and C23 was late 1996, with the quietest period around late 1997. Similarly, solar minimum between C23 and C24

was late 2008, with the quietest period from late 2009 to early 2010.

The trend now shows a less number of quiet days as C24 ascends, but it's still quieter than the quietest period between C22 and C23. So this year's SAC should offer decent propagation for those at high latitudes – the geomagnetic field will more than likely be quiet, and C24's continued ascent should allow some high frequency opportunities (be sure to check 10-M).

Headbanger Ball Called SAC

Tomi, OH6EI



Tässä muuten nautitaan ruotsalaisten herkun surströmmingin eli hapansilakan mausta ja varsinkin mieltä kiihottavasta tuoksusta. OH6EI enjoying @ **OH0Z** the lovely odors of Swedish sour-herring.

My first real SAC was in M/M team OH6AM, which was a joint effort of OH6-clubs AH, AC and some others. Among operators were OH6UM, OH6KN and late OH6JW, just to mention a few. Project was huge, location was a summer camp area of Seinäjoki city, where all antennas and towers were put up to make a full-size M/M setup, just to work SAC CW and SSB. Back then there was one week between the two parts. This happened in 1981.

For several years I was part of various M/S teams, like OH6AM, OH6DK, OH6LK, OH8TA, OH6OS, and OH6UI mm. My main goal however was to win SOAB HP on CW. I was able to participate with the OH6EI call '84-'92. Namely, we had joint station with OH6LK (aka OH2XX) and he took part in many SSB contests. In '93 my station in OH6 became history, when the tower crashed. I decided not to put it up again, because I was studying in Helsinki, and it was evident that I would stay in the capital area. After that I moved along to guest operate from OH5NQ, OH2BC etc., and became a member of the OH2U team.

OH0 was horrible troll for me. At that time I sincerely believed that there is no chance to beat Aland from mainland. So my best OH6EI rank was 2nd a couple of times. Top five was some sort of standard but never nr one. Never.

So the times kept on changing. One makes family, takes a job, takes loan, buys a flat, you know. But my dream still stayed the same. Sometimes stronger, sometimes weaker. But there it was. And is.

To find out that you don't automatically win SAC SOAB CW from Aland Islands, I had to go to operate from OH0 myself. The original OH0Z team gave me the opportunity in 2003, both on CW and SSB. Results: 3rd and 3rd.

Later, on producing more experience and more gray hair things have developed so, that I have become a member of OH0Z. First effort as a native was in 2009. Good spirits and good effort. And yes! I finally won, almost. In final results once again I was #2 both CW and SSB - with an incredible half-hair-narrow marginal.

Last year, 2010, was a total disaster. Not well motivated, but well equipped, I took a real beating finishing 7th on CW. On SSB I was not able to participate due to family occasion.

But I warn you. This time I will win for sure, if my score is higher than yours!⁸

And if not this year, there is plenty of future to come. Cu in SAC.

⁸ Ed. Please feel pity for this fellow and log him in SAC!

The Perfect Amplifier For A Contester

Jari Jokiniemi, OH3BU

When I was young I read from the ARRL Handbook that a good linear amplifier has a ceramic tube and vacuum capacitors. I have built such an amplifier but it is far from perfect. Tuning is done manually, and that is not the ideal solution for contesting. There will be mistakes, you see. In the heat of the battle some knob is always in a wrong position. To counter attack manually made mistakes I once had a small solid state amplifier. The problem with that was, basically, that it was too small. Looking back in time it is obvious that for decades I have been searching for the perfect amplifier, very much like I have been searching for the perfect headset (which I have, by the way, found, it is called Sennheiser HMEC 300). Below I will give you the specifications of a true contest class amplifier and the rationale that lead to exactly those requirements.

The first thing to decide when choosing a linear power amplifier is, naturally, the power level that we desire. In UK the legal power limit is 400 Watts, in Germany it is 750 Watts, in USA and many other countries it is 1500 Watts. It is then quite obvious that our amplifier shall give 1500 Watts output. However, there is a trick here. Not all full gallon amplifiers are equal. Most manufacturers specify that the power is indeed 1500 Watts output when transmitting SSB but when in RTTY the limit may be as low as 700 Watts. This is clearly not acceptable. We don't want to fool us with a brick on a key if the transmitter is running only small dots instead of full carrier AM. We really want an amplifier that gives 1500 Watts continuously having no time limit whatsoever at 100% carrier. In addition, we want some headroom. You don't want to go to an elevator that is specified exactly to your weight. You want it to be oversized so that you know that it lasts no matter what. ON4UN's book Low Band DXing

has a picture of a properly oversized amplifier. It looks like it is a tube amplifier with two Russian GU84 tubes. That easily produces 5 kW. With those tubes one can actually build an 8 kW amplifier, if one is just willing to endure the fantastic noise of a jet engine which closely matches the necessary blower to keep these tubes cool at full power. That should provide enough headroom when targeting 1 kW out.

As already noted, the power limit varies in different countries. Thus it is imperative that our amplifier has a variable power limiter, so that we never run overpower accidentally. Sometimes ALC is used for that purpose, but as we are now designing the ultimate amplifier, the system shall be based on microprocessor control that shuts down the entire amplifier and blows a horn in case there is even one Watt of overpower. As we know that some exciters produce a power peak at the beginning of transmission, our amplifier shall have a computer controlled attenuator to fix that problem. Talking about exciters, there are nowadays quite many QRP enthusiasts out there, so obviously our amplifier shall be able to produce full power with 5 W of drive. This may, of course, be against some silly FCC regulations. Thus, in order to satisfy the American customers, there shall also be an export version that requires 50 W of drive to produce full power.

The reader has probably already guessed that manual tuning is not an option. There are autotune amplifiers on the market, and then there are no tune amplifiers. Now I am somewhat confused that which one is the right choice. An autotune amplifier might tune fast enough so that we don't even know that it is tuning, and it is likely that an autotune amplifier can sustain high output power even when the antennas have high SWR. On the other hand, a good contest station should have good antennas with low SWR, which ma-

kes tuning completely unnecessary. Even the best antenna tuner has some inherent losses, and it doesn't really sound convincing that we waste precious power to an antenna tuner, if it is not absolutely mandatory. In order to avoid this question, I say that we shall combine both tuning requirements to one: our amplifier shall be noautotune.

It is now time to list some other smallish but useful features that our amplifier shall have. CW is still living strong, so full break-in (QSK) is naturally a must. Two-radio operation is standard practice nowadays, so in order to be competitive in the future, our amplifier shall have three-radio support. Then one should note that antenna restrictions in cities are getting more evasive year by year, and many contesters are forced to escape to the woods and build their super stations there. Thus, the amplifier shall have full computer control and the control program shall allow remote operation. It shall run on Windows 7, Linux, and Apple iPad. Naturally, an amplifier of this class must have complete protection against any faults. Thus there shall be control grid trip circuit, screen grid trip circuit, overvoltage protection, temperature monitoring, SWR protection, burglar alarm, and video monitoring functionality. The fire extinguishing system shall be based on inert gases in order to allow personnel in the same premises where our amplifier is located. To allow petition contesting the amplifier shall weight no more than 20 kg. From the previous requirements it is obvious that I have decided that the amplifier shall be based on vacuum tube technology rather than solid state technology. One may rightfully ask that why so, as solid state devices are getting more prevalent all the time. They do work quite ok, if one builds some protection circuits properly. Well, that is a big if. For example, Elecraft did not produce a full gallon amplifier even as they announced it already years ago. Instead, they are now selling a small 500 Watt amplifier

only. There must be a reason for this. I think it must be related to reliability. We want our amplifier to be reliable. It must be bullet proof, which by the way adds another dimension to mechanical design, but it is doable. Tubes are simple devices, an amplifier made using tubes is at least 10 dB simpler than a transistor amplifier. That's why we still choose tubes. And, as the ARRL Handbook already 30 years ago knew, a good linear amplifier shall have a ceramic tube and variable vacuum capacitors. In addition, that tube shall have handles.

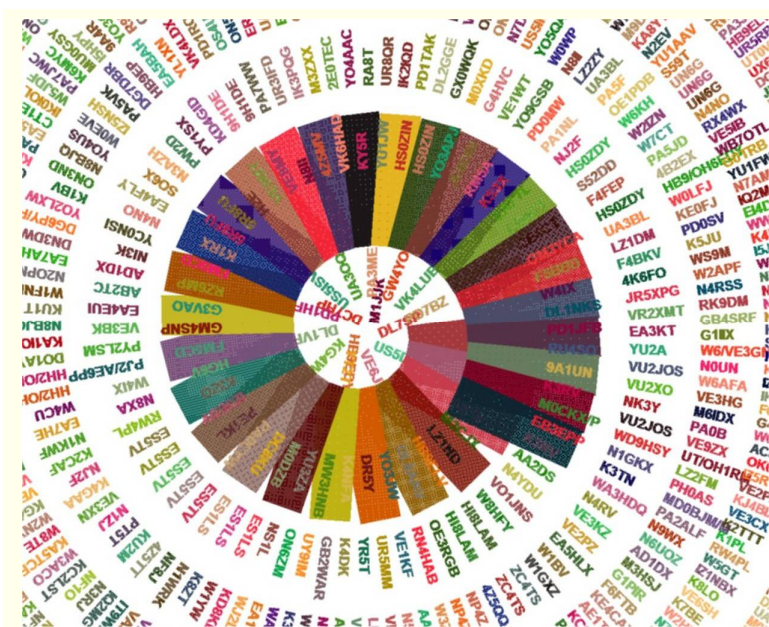
Tubes produce a lot of heat. That heat must be dissipated. This process should not produce a lot of noise, as most of the el cheapo amplifiers do. Our amplifier shall employ pressurized water cooling. If it is good enough for a nuclear power plant then it is good enough for our amplifier.

There are also a few other component decisions to be made. First of all, there is the big question about what material to use for anode-circuit parasitic suppression. Only the best of the best of the best is good enough for us. Nichrome is the material for us. The anode circuit itself must be made of proper material. There is a substantial efficiency difference of a hundredth of a dB between copper and gold plating, so we shall gold plate the tank coil. We shall only use silver plated 7/16 connectors for RF, and gold plated RCA connectors for relay and ALC lines. Inside of the amplifier all RF shall go through 7/8 inch hardline, and the other cabling shall be minimum three mm diameter. The computer control shall be done via Ethernet and not some wimpy RS232. All components used for our amplifier shall be the best quality that can be obtained from any major distributor, so that in case our amplifier should ever brake, one is able to fix it oneself. The chassis and front panel shall be made of recycled and certified titanium. The analog meters shall be protected by

armored glass, and the owner name plate shall be made of Zebrano tree. The owner callsign will be engraved to it by seven virgins, and the carrying handles will be hammered by the blacksmith of King Arthur.

Most importantly of all, the amplifier must actually exist rather than just look nice on web pages, like a few infamous autotune amplifiers do at the moment. That's why you want the amplifier to be manufactured by a respectable Japanese company.

When you have an amplifier of this quality, your contests will sound like the opening music on the famous BBC television series All Creatures Great & Small. Your closed eyes will see the palm trees of an island in the Pacific ocean and an approaching white sailing boat with miss Universum dancing on the deck. Prof Kalltewasser has designed an amplifier that meets all of these requirements. The amplifier will be called Absurdium III and it will be available April the 1st some year in a LIDL store next to you. It will be affordable and indispensable.



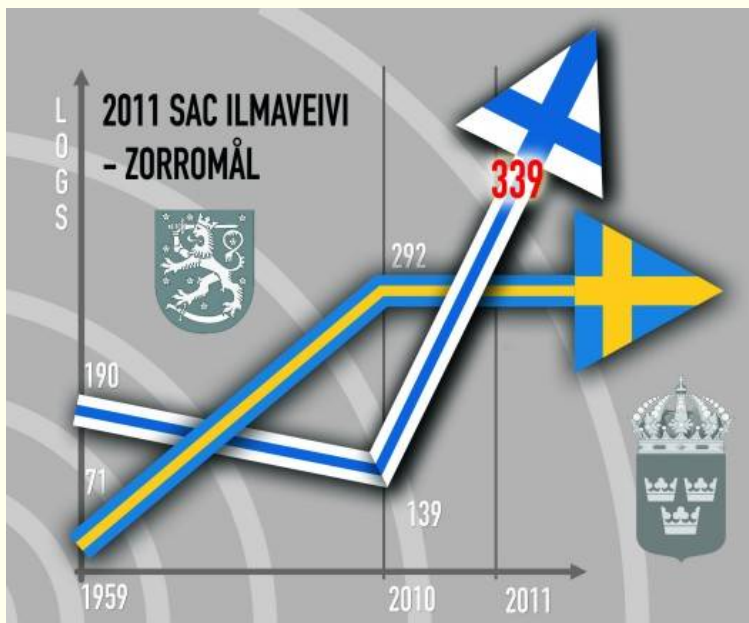
How to make a Log Spiral – Story of the Front Cover Ilkka, OH1WZ

“There is an artist and a novelist in everyone” – is a phrase that keeps the editors of PileUP! going. “And what PileUP! publishes, is just a tip of the Iceberg”, is another slogan that drives us. This year, 2011, we have SAC organized by SRAL, and of course we like to give it our best shot, knowing the saying from the business life: “it’s not what the cake tastes – the look of it attracts people to taste”

Well, there you have it – a Contest. SRAL’s RA-magazine had the OH-SM log count statistics art, while PileUP! hypnotizes you with its spiral.

From the start of the log, the spiral departs to its curvy path at a pace, which needs some trial and error to be artistic. It is like sending the man to the moon – too slow and he will burn in the atmosphere, too hasty and he greets you from Mars. The colors are another thing, but since most people print in B&W, it is of less importance.

Lets hope that the front cover art of RA and PileUP! make you taste your bite of SAC!!



Here are some pictures from BY5CD at WPX CW and SSB contests 2011

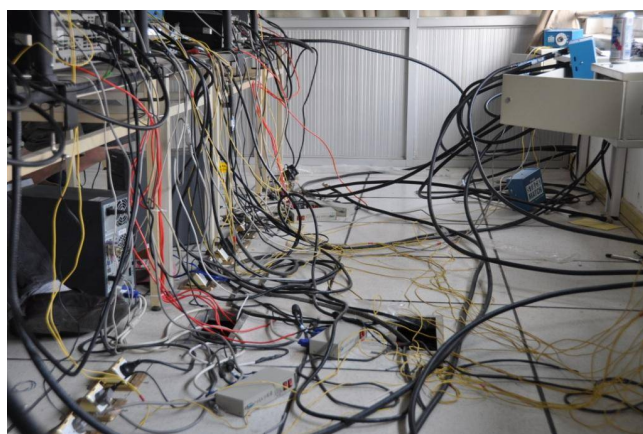
BY5CD is located at the Yinzhou High School in Ningbo, at the eastern coast of China.
Photos by **Esa OH7WV**.



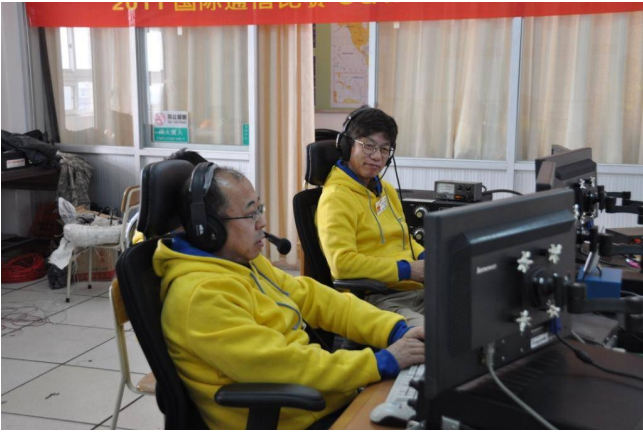
OH6RM and OH8QD beware! Here is the future tower master.
BD4HF's son '11' getting adjusted to heights.



OH7WV giving thumbs up for the new BY record.
BD4FM in the background at the mult station.



Wireless needs wires. Pretty neat, though.



JE2LPC (left) and JH1TEB.



15m and 20m antennas.



BY5CD running station.



40m and 10m antennas.



BD4HF (left) and BY5CD station manager BD5CHU.



BA4ALC in the pileup.



OH7WV giving speech about ham radio to the high school audience

Bonus Humor & Stuffia



The foundation that supported Rane's activities in collecting ham-heritage in OH6-land released a stamp for the occasion.

Find the error!



Reader's Contest. Who is the ham in the left picture from 1964? He is holding the driven element of a 2-m yagi daddy bought as present. The picture in the middle has a ham in it, but who is he and what car model is he in (benches of which needed plastic protection)? Hint, the year is 1970. The rightmost photo has a future contender too. The year is 1983. Who is the monkeyface?



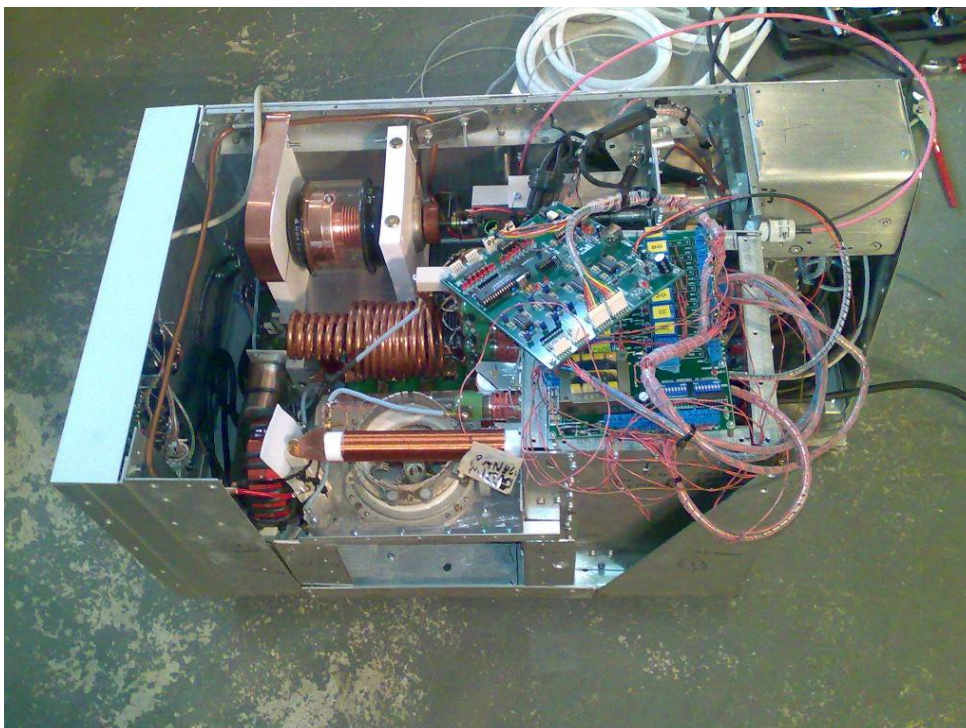
Mitä sanoi SDR-radion omistaja kuunnellessaan digitaalista lähetettä?
"Tämä signaali on ihan Perseuksesta!"

Kari, OH2XX (OH6LK) sent a picture from SAC 1979. "Fresh from sauna, I also had my Koff, as the rest of the men". Kari, then 13, will do a SOAB from Vantaa in SAC CW 2011.

Bonus Humor & Stuffia



Channel 10: Not important
 Channel 11: Report from the running station with a high rate pileup
 Channel 12: Investigation about the famous oscillator
 Channel 13: Propagation report from Germany
 Channel 14: Loss of propagation
 Channel 15: Your amp explained
 Channel 16: Contest meal being prepared
 Channel 17: Not important
 Channel 18: Report from OH8X
 Channel 19: Not important



An early Absurdium I.

The prototype was dismantled after unsuccessful commissioning tests. Photo UB3HO (call ciphered).

The favorite movie is: Transformers

A Tribute to an Early Warning System JERI



“Well, he was one hell of a dog”, says Urho, OH8AXÖ from Putkosentaus in Ristijärvi. “He howled at mother-in-law, yipped when the hunting inspector arrived, yelped kindly at the milk-tank, but would bark only when needed. And then he certainly would. I didn’t need to monitor SK4MPI or other VHF systems, JERI was my beacon. He detected Aurora Borealis also daytime. And that’s what got him killed at the SRAL summer camp...”

If you don’t know what to do September 17-18, or October 8-9, here are a few suggestions.

1. Open your radios and log OH8X in SAC
2. Open a beer can & your radios, then log OH8X in SAC
3. Same as #2, but it is a beer bottle

Note, “OH8X” can be replaced by any valid SAC call from OH, OH0, OJ0, SM, LA, OZ, OY, OX, TF, JW, or JX.



Missä sijaitsevat itävaltalaiset ham-shä-
kit? ... Kellarikerroksessa!

"Mikä on mailman pienen pailuppi 80M
fonella, grey-line aikaan?"..

"Kaksi tuli, mutta toisen kutsusta en ole
varma"

CW-miesten hotelli! The right place to stay.



Paljastus: Datong-filtterit eivät olleetkaan amerikkalaisia

!

SELLSTAR OY

Laskuri: Olet 2.345.679 kävijä

- Nyt myös ATK-puolen osaamista
[Klikkaa tästä](#) ja puhdistu kovalevysi, yesss...
- Updating, siis uusimme sivuja koko vuoden 2011
- Elokuun kampanja: Osta kaksi ja maksa kolme, saat kaupan päälle, suoraan varastosta (Ny igen) uuden 80 meters DX-antennimme, sitä et löydä ON4UN kirjasta. Haemme patenttia Lempäälän kirkkoherranvirastosta.
- Prices will be matalat. Published ny igen.
- [Linkki 1](#), [Linkki 2](#), [Linkki 3](#), [Linkki 4](#), [Download 1](#)



* meiltä ny igen digikamerat ja ryhmille, 6 henk. kurssi:
"Kuinka kuvaan käsivaralta? – Digikuvien kehitys III".

- Tilaa tästä, ny igen, tuotteita varastoomme
- Hard IT, click hard [here](#).
- SELLSTARS solar panels, nyt 112% hyötysuhteella. Toimivat jopa Pirkkalan Bauhausin yövalaistuksella
- LED hehkulamput.pdf
- Kysy kuitittomia hintoja [tästä](#).

Myydään – for Sale

12V 100A portable power source for field-day style operations. Powered by a 454 cubic inch V8 engine. A little heavy and needs a lot of fuel but sure has enough torque to keep that generator spinning!
QRPjack@kontesting.com

Urvo Älpön bestseller “3699’n vaikutus suomalaiseen ulkopoliittikkaan vuonna 1986”. Uusi painos tutustumishintaan 572€. Tilaukset vain Gummetuksen nettisivujen kautta.

Ostetaan – Want to Buy

A deaf receiver needed for a hearing-impaired ham. Make and model don't matter as long as it has a VFO-knob. Offer yours to
canurepeatthatplease@hamnet.net

Vuokrataan – for Rent

Työtä tarjolla – Job Offers

Palveluja – Services

I can keep your XYL happy while you are on a contest expedition. 2 weeks maximum at a time, though. Call Larry +16988776969

Putkireiska hoitaa talossasi kaikki putkityöt. Olipa kyseessä vuotava vessan vesiputki tai sitten 8877, Reiska hoitaa hommat kuntoon! www.putkireiska.com

Muut lehdet

PileUp!-magazinelle ei ole vielä löytynyt vertaistiaan, joten edelleenkin toimituksella ei ole muita lehtiä kommentoitavana. Tosin viime kuukauden Jallussa oli pari hyvää juttua [-Ed.]

Tapahtumia – Events

Sekalaista – Miscellaneous

Kaupallisia – Commercial:

A new innovation. Our popular 25 kW jammer is now integrated with world-famous Skimmer software. You can select up to 10 competitors for tracking and immediate jamming whenever they show on the selected band. Operates against any CW or digital signal. Manual tuning for SSB. If you can't beat them honestly, beat them dishonestly. Call 911-JAMMER for pricing.

Our new 7-element 7 MHz monoband yagi is specially designed for Tribander Single Element operators. Superior gain, titanium reinforcements. Stacks available on request.
sales@big-boss-antennas.com.

Cost efficient 7 kW dummy loads available again, model Tshernobyl. Radiation checked units 100 USD, non-checked units 30 USD. Email:
UB5SCRAP@nuclearprocessingcorp.ua



Whistler

Social media for those who, back in the 70's, used to get the local repeater open whistling in the mic

Forget monobanders and expensive motor-driven antennas:

Stuck-IR™ antennas are still here!

Kaupallisia – Commercial:

This small and beautiful island at the lake Saimaa is ideal for you, when you want to contest battery powered in a tent using low profile wires only. Size of this Natura protected marvel is 22000 square meters, and the best part is price: 35000 euro. Note, no buildings allowed. Contact C.Heat@apartmentmarketing.fi.

For sale various experimental amplifiers. Not in working condition but dirt cheap. blownfusejoe27mhz@pp.inet.fi.

Did you know that ducks can sleep one brain-half at a time? We have found the chemical formula that provides this capability for ducks, and we have condensed it to our DuckSleep pills that have been used by the U.S. submarine forces and certain Wall Street professionals for over a decade. Now the DuckSleep pills are available to the public. Imagine winning CQWW by sleeping! One week dose only 9999 dollars. Contact sales@ducksleep.com immediately.

Have you already met Big Gun Zchu and Little Pistol Bill? What about the Evil Skimmer Moron and his right hand Assisted Cheater? Original Japanese anime and manga is now available in English, Spanish, and French. See www.yagi-uda-anime.jp

Virgins are sought for an experiment to bring back the sunspots. Details can be found in www.churchofblackmagic.org/dungeon.php

Palautusosoite / Returns to:
CCF ry c/o
Mikko Pöyhönen
Niittymäentie 9
77630 LEMPYY

VASTAANOTTAJA, Addressee

