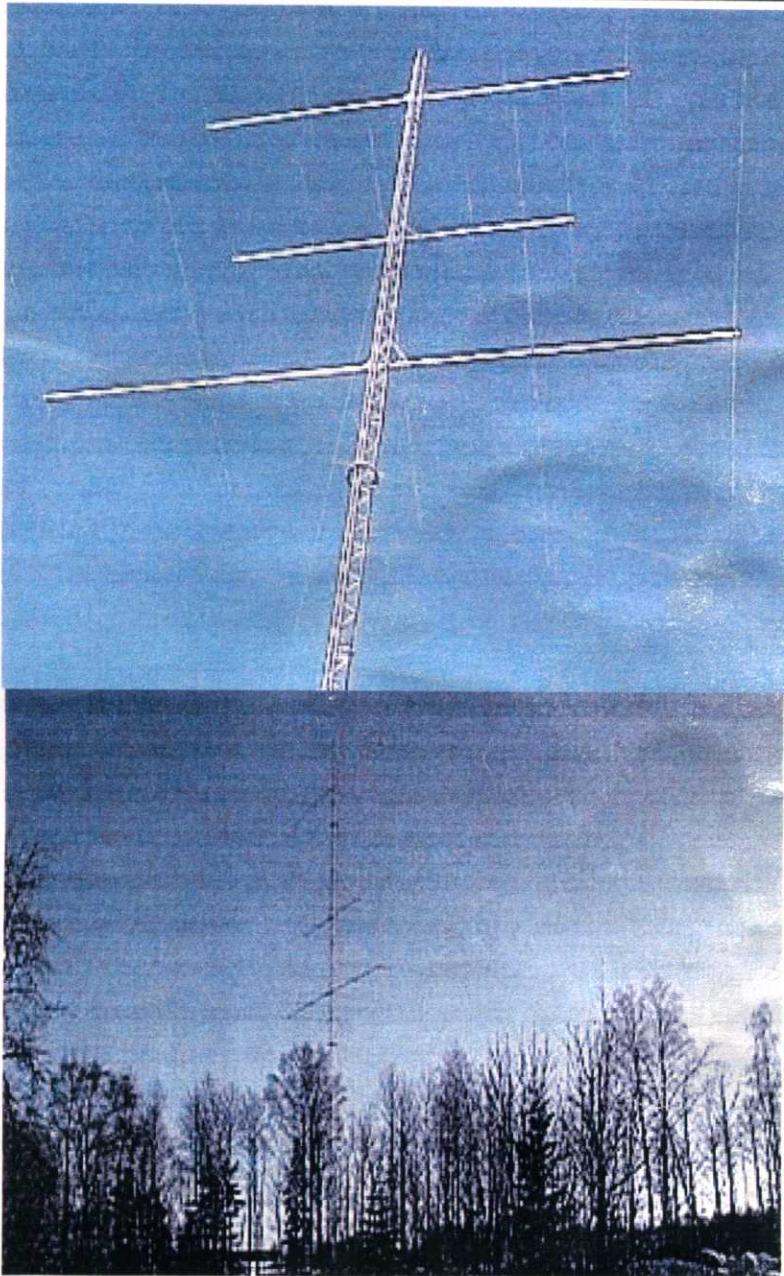




# Pile Up!



Tässä numerossa:

CQ WPX SSB 1997: IZ9Z Story  
OH1WZ antennikokemuksia  
OH1MM 160m Diary - Balloon Vertical Pedition  
CQ 160m Contest - OH8LAE Meets MS Aurora  
Onko asemasi ergonomia kunnossa?  
CHINA SPECIAL!



# PÄÄTOIMITTAJAN PALSTA

Timo Klimoff, OH1NOA/OH0NOA

**PileUP! -lehden  
toinen vuosi alkaa!**

Oli hienoa nähdä yli 80 CCF:läistä tammikuun contesti tapahtumassa Helsingin Pasilässä. Nokkakusoiluhan on tämän harrastuksen suola! Itse esityksistä Kennyn K2KW vertikaaliesitelmä oli varmasti yksi kaikkien aikojen parhaita mitä olemme ikinä Suomessa saaneet seurata. Oli myös hauska tavata OH-maan kamaralla Olli OH0XX, jonka 8R1K/CP6AA -tarinat kirvoittivat monet naurut!

Lehteen tarvitaan edelleen juttuja. Erityisesti teknikkaja antenttarinoita olisi hauska saada tähänkin aviisiin. Meillä on myös hakusessa kirjeenvaihtaja SM-maasta: olisi mielenkiintoista lukea ruotsalaisten kontestiedesottamuksista! Edelleen jatkamme ulkomaalaisten artikkeliiden julkaisua, tässä lehdessä on Marconi Contest Clubin "agenttimme" Fabion I4UFH IZ9Z-juttu.

Kusorikasta kevättä!

73 Timo

PS. Muistathan maksaa jäsenmaksusi ajoissa!

Kansi: Finnmaisten - SK3GW

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### **Myymme myös mainostilaa. Mediatiidot pyydettäessä!**

Kerhon WWW-sivu löytyy osoitteesta:  
<http://www.contesting.com/ccf>



## IZ9Z - LAMPEDUSA ISLAND CQ WPX SSB 1997

*Fabio, I4UFH and IZ9Z Team*

*CQ WPX SSB 1998 lähestyy...sität odotellessa voidaan lukea miten kontesti sujui Italian pojilta Lampedusasta!*

The WPX phone plans from Lampedusa is, started in January 1997, after the Xmas period and the IG9 1996 effort, our idea on Lampedusa were more clear, the low band are winning band in this low sunspot period so the WPX, with it's particular point/band score, was the natural next Contest from this place. We have started to look around the availability of operator, due the fact that in this year the WPX phone were into the Easter holiday weekend . after almost 4 weeks of e-mail and phone the 8 hams ready in January became only 4, not to bad !! Part of the equipment were on the island from our previous activity during 95/96 cqww activity, the 6 el klm was ready, we only need to setup the low band antennas.

Due the holiday period, it was quite difficult to find a seat for a direct flight to the island and also all the ticket discount were suspended, so with over \$350 each one we have landed on the island in 3 different days starting from Monday 24 ( my birthday !! ). After a 45 min flight into a 30 seat airplane in the middle of the hurricane, Fabio I4UFH was the first, the next day Mat IK2SGC and Fabio IT9GSF was on and finally Albert IV3TAN join us the Wednesday with over 200 m of coax cable as hand baggage.

In the first days we started to setup the 80m vertical with 8 half wave radial ( the same of the 1° place world in the cqww 96 ssb effort ), the 2 phased vertical on 40m, installed the rotor in the 6 el KLM, that didn't want to run until Friday afternoon.

Thursday, with all the Team on the island, we installed the top load vertical for top band, unfortunately we had a very long horizontal wire, so the SWR was low, but its sound as a dummy load, the 2 beverage to EU and W 200 m long and a low 80m dipole for the high degrees Europeans signals. The equipment's were an ICOM 765 with a Kenwood TL922 and a NEC portable computer. Friday morning we have started to test all the environment, checking out RF loopback or cables problems, we have spent more than 3 hours to fix RFI in the mic, winding meters of audio wire into ferrite rings for the RF chokes. Friday afternoon was the only one day that we have found some spare hours to visit the island, shot some picture and finally eating at the restaurant !!!

After the definition of the turnover at the radio seat we have take two hours of sleep and just 90 minutes before the start Murphy visit us, the SWR of the KLM was over 3 on 20m !! Panic, we need to start the contest, fortunately on low band, so the two volunteer of the second turn, was devoted to fix the 20 m problem.

We needed to partially put down the antenna, removing the dipole and substitute the famous blue caps that was broken due the high variation of temperature and the salinity of the place, nearly the sea.

The propagation was very good in the first days of the week W6 e VE7 coming out with



booming signals, the pile-up were huge, so we expected a full busy weekend, looking for a good average between fun ad good results. Our target was 4000 QSO and 920 prefix with a score around 17.5 / 18 million point, based on the follow table extracted with statistical data based on the last past 4 WPX SSB Multi Single from IR4T Contest Station.

The strategy was very simple, stay on low band !!! We had started on 80m, the signal don't seem very good, but the pile-up show up very quickly, after the first hour at 120 QSO/h we moved on 160m, trying to increase in a fast way the QSO number, unfortunately the antenna sound as a dummy load, very few station can listen us, so 15 minutes on top band a QSY on 40m, the Queen Band, all the Europeans were on this band, 20m were closed, so we have spent all the night crunching one QSO on another. Around 09.00z we moved on 20m, picking up EU's very fast waiting for the 15m or 10m opening. These high band were not really opened, only few scattered opening, schedule on 10m, were often without luck, so we have spent the morning waiting for USA open, after 12 hour of operation we had 1093 QSO, not to bad, near the target QSO number, the Prefix were not too luck only 390, but USA can give us the boost to follow our target.

The condition sound poor on 20m, the skip was always short, very few USA station, so the prefi number doesn't go up, at 19.00z we move on 40m, looking for a score boost, our target score were distant, the QSO were 1600 and prefix 470 !!!

Worked 40m until 22.00z, reduced a lit bit the gap between the target and the real score, the 6 point/QSO help, but we have realized that this was not the year for a 18 million score, by the way, we understand that if we cannot targeting, almost all the EU's don't have fun !!  
The number exchanged are low, the bad USA condition have influenced the big gun score, the only one that fly over all is ZX0F, he has USA condition !!!

The second night was spended between 40m and 80m, checking for USA area, in split mode, we have not planned any split operation, we had planned to work only EU's, but after the first EU night, we need to work also USA due the lack of prefix, on 80m our low dipole has helped a lot, worked W6 W7, so not to bad, unfortunately we were not ready to this condition.  
Ended low band activity at 07.00z with 2300 QSO and 600 prefix. The second morning the 20m started again with EU's and some Pacific station, FK,3D2,KH6 were on the log, 15m finally appear in good shape, 2 hours of big pile-up help the score, at 1350z we back on 20m trying our last USA chance, no way ..... Signal around S5, K3ZO,N5ZD are in the noise, nearly no noise on IG9, so at 1600z we QSY to 40m looking for our last hours best effort.  
Starting 40m with 2800 QSO, based on a recalculated prediction our new target were 3300 QSO and 750 prefix, we have spent here the next 6 hours , moved on 80m for the last 2 hours , finishing with 3250 QSO and 750 prefix with around 11.700.000 points.

After all this experience was very helpfully, we had a lot of fun, our 6 point location gived us the big chance to be on the top 3, the last claimed score holding our score at the 2° place world beated only from ZX0F !!! All have enjoyed of this experience, surely ready for a next one WPX.... Just ready for '98 ??????



## WPX:N KERHOENNÄTYS RIKOTTAVISSA

CQ WPX Contestin All-Time Recordeja tutkiessani huomasin, että kerholuokan maailmanennätys on 97 miljoonaa pistettä, siis CW ja fone yhteenlaskien. Tulos tuntui siksi pieneltä, että se piti ihan tarkistaa WPX Contest directorilta, N8BHQ:ltä. Ainakin allekirjoittaneen mielestä tulos on Suomesta käsin rikottavissa, edellyttääneen, että kaikki CCF:läiset ovat kusotalkoissa mukana. Siispä, kaikki kisaan mukaan! Ei haittaa vaikka pitäisit vain muutaman yhteyden, sillä tärkeintä on mukanaoleminen molemmilla modeilla ja CCF:n merkitseminen yhteenvetoarkin Club Affiliation -kohtaan. Hyvänen porkkanana on kerhokisan voittajalle annettava plakaatti, josta kerholaisista on mahdollista lunastaa myös itselleen kopio.

Muistathan myös, että tämän vuoden kisasta alkaen suomalaiset voivat lähettää WPX-lokinsa suoraan OH1EH:lle. Kaikki lokimuodot luonnollisesti kelpaavat, mutta ASCII-muoto on toivottavin.

Kuullaan kisassa de Ari, OH1EH

### CONTEST CLUB FINLAND ON SAANUT JÄSENREKISTERIN HOITAJAN!

Kerhomme jäsenrekisteriä ylläpitää nyt Tomi Ylinen OH6EI. Uudet jäsenet sekä muuttuneet posti- ja sähköpostiosoitetedot ilmoitetaan suoraan Tomille. Jos email-osoitteesi/puhelinnumero ei ole vielä rekisterissä, updeittaa nämäkin tiedot OH6EI:lle. Kätevinmin se käy emaililla: Tomi.Ylinen@paulig.fi



CQ WPX 1997 multi-single team: IZ9Z - Lampedusa Island



# KANTAPÄÄN KAUTTA OPPII - EHKÄ SITTEN JOSKUS

Ilkka Korpela, OH1WZ

Olimme päättäneet rakentaa viime kesänä Mustilaan (OH5NQ) uusia alabandien antennejä. Edelliset sysimustat kokemukset kahdeksankymppin antennikokeiluista olivat tyystin unohtuneet, ja oli siis jälleen aika hakata päättä seinään. Low band DX'ing ja ARRL Antenna Handbook kului vat käsissä ja uudet "tätä on pakko kokeilla, sen täytyy toimia Mustilasta" antenni-ideat seurasivat toisiaan. Oihan viimeisten 5-6 vuoden aikana kahdeksallakymppillä kokeiltu toinen toistaan hienostuneempia antennejä, jotka kuitenkaan eivät olleet vakuttaneet - workkimistuloksilla mitaten.

Suurin piirtein ainoa 80m:n antenni, jota ei oltu kokeiltu Mustilassa oli useampi elementtinen vertikaaliantenni. Sellainen muistui mieleen OH1XX:ltä ja kun tuntui vielä kaiken lisäksi moinen pelaavan mainiosti Heikko-eemelillä, niin ei muuta kuin plagioimaan ja GP:n tarpeet tilaukseen. Kotimainen radiokauppiaas lupaa "*vähän yli parilla tonnilla kaikki tarpeet kytkentäkaavioineen kotipihalle toimitettuna - senkin nostat pystyn puutolppiesi varaan - et voi epäonnistua!*". Tämä tapahtuu jo aikaisin keväällä - taisi olla vuosikokouksessa ja baaritiskillä, kun olo oli hetken varakas (ja tyhmä) ja antenni olikin sitten jo tilauksessa. Jotkin pinnistin silloin ja muistin sopia kauppiaan kanssa toimitusajaksi viimeistään kesäkuun, jotta kesälomalla voitaisiin sitten rakentaa antenni ja IARU:ssa kokeilla vetoa. Radiokauppiaas vastaa: "*tää yhteistilaus tulee hyvissä ajoin kesän antennikautta ajatellen - älä murehdi!*".

Viime kevät ja lakkokesä menivät taas kerran työkiireiden keskellä. ARRL DX ja WPX CW sentään tuli workittua ja vihdoin heinäkuussa lappu lompakossa muistutti keväisestä hankinnasta ja antennihommista Mustilassa. 160m:n vanhat "*radiaalivertikaalit*" kaipasivat huoltoa ja edellä mainittu 80m:n vertikaaliyssytemiä varten piti kaataa metsää. Soitto Mustilaan elokuun alussa, kun IARU:kin on jo takana ja Axel -5NW kertoo "*ettei tänne mitään vertikaalitarpeita ole tuottu ?!*". Soitto radiokauppiaalle tuottaa vastauksen: "...khöm, krrööh..koko tilaus on juuri lastattava" Johon minä tiedusti: "*P..kele!!*". Noh siinä menivät eka kesäloman pätä ja antennihommiin varattu aika. Radiokauppiaas toimii kuitenkin nopeasti ja pian Axel ilmoittaa "*Sinulle on tulut alumiiniin!*". Ei muuta kuin toiveikkaana rattiin ja Mustilaan tutustumaan uusiin antenniin. Pettymys! Pihalla on 6 kpl alumiiniputkia, jotka sopivat toistensa sisään hieman epäilyttävällä väljyyksillä. Missään ei näy kytkentäkaavioita saati luvattuja harusnaruja, putkikiinnikeitä, eristinkappaleita, sovitteita tai UHF-naaraita. Uusi soitto radiokauppiaalle ja kysymys "*minun piti saada sinulta valmis antennisysteemi, jonka kiinnittää kahteen 4" 4" puutolppaan!?*", tuottaa vastauksen "??? khöm, krrööh, ..niinhän se oli - tää vie viikon ja kaikki tulee kuntoon!" Noh viikko kuluu nopeasti ja sen jälkeen toinenkin. Jälleen Axel soittaa ja kertoo onnikan "*tuoneen minulle laatikon!*". Taas kärry kohti Mustilaan ja odotukset ovat korkealla - SAC lähestyy ja mielessäni vilkkuu 2-el GP, jolla olen 80m:n kunkku. Vilkaisu laatikkoon vie loputkin toiveet. Päälliimmäisenä vilkkuu tiedusti uusi lasku uusista tarpeista ja sen alla "tuotenäytteitä". Kondensaattoreita ja johdonpäitä?! Enhän minä tee mikrofaradien konkilla mitään rakentaessani 80m:n antennia! Harusnaru on kolme rullaa kolmea eri tyyppiä ja 4" puutolppakiinnikeillä ei antennia ikinä pysty kiinnittämään neljän tuuman puutolppaan. Luvattua eristinkappaleita ei löydy - "*p..kele!!*". No, vertikaalit piti saada ja sellaiset tehtiinkin. OH5LF:ltä kopioitiin nopeasti malli ja pikkumaston harukset (3) katkottiin ja eristettiin 27 metrisiksi. Alapäähän laitettiin erisimet 3 metrin korkeuteen, LC-piiri ja 15 kpl vartiaallon radiaaleja jokaiseen "harusvertikaaliin". Hyvin workkivat ja ilkkuvat kalliolla makaaville alumiiniputkille, jotka nyt enää odottavat pääsyä

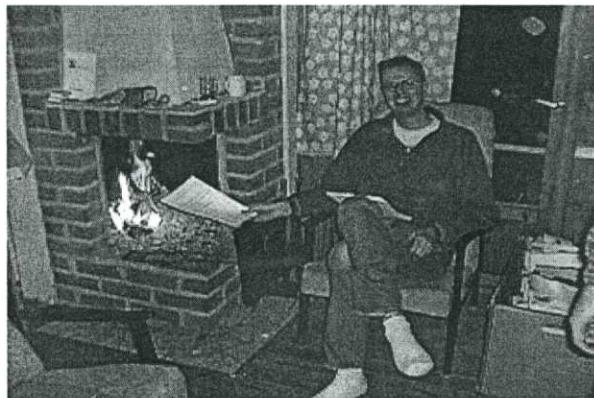


parempaan kotiin.

Mitä tästä opimme? Toivottavasti ainakin minä opin jotain.

## FINNKAMPEN - RUOTSIOTTTELU : KUVAKERTOMUS

Tässä pari hauskaa internetistä löytyneyttä valokuvaa. Lisää kuvia osoitteissa <http://www.qsl.net/sk3gw> ja <http://www.olsy.fi/kle/oh2he.htm>



"Analyzing some old OH2HE log printouts! Well, they make up a nice fire but wait until this SK3GW station is ready for competition!" (Tnx SM3OSM)



"And here we are analyzing the competition from Sweden" (also known as PalleRallerna!) (Tnx OH2XX)



# HC8N CQ WW 1997 STATISTIKKAA

## HC8Niilo workki seuraavat suomalaiset CQWW SSB 1997 -osassa:

10m OH9RJ

15m OF1AF OF1BV OF1MM OF6YF OH0TA OH1HB OH1HD OH1KF OH1MA OH1TV  
OH2BAD OH2BCK OH2BLD OH2BR OH2BRL OH2BYS OH2HE OH3BU OH3KVZ OH3MMH  
OH3UU OH4NVX OH5KW OH5MLF OH6MTE OH6NIO OH6NYU OH6OS OH6WZ OH7AAC  
OH7JCX OH7LIX OH7RJ OH9RJ

20m OH0TA OH2HE

40m OF1AW OF1JD OF1MM OF6YF OF8RC OH1LEU OH1LQ OH1NOR OH1QJ OH1VR  
OH1XX OH2BBR OH2BCK OH2BR OH2BYS OH2DW OH2HE OH2KW OH2VB OH3JR  
OH3XA OH4JFN OH4KBC OH4KEC OH4NS OH5BM OH5BR OH5ES OH5NW OH6AW  
OH6JD OH6NIO OH7AAC

80m/160m 0 skandinaavia!

## HC8N Skandinavian tilastot CQWW CW 1997 -osassa:

|     | 160 | 80 | 40 | 20 | 15 | 10 |
|-----|-----|----|----|----|----|----|
| LA  |     | 12 | 2  | 1  | 8  | 12 |
| OH  | 7   | 8  | 18 | 4  | 58 | 12 |
| OH0 |     |    |    |    | 1  |    |
| OZ  |     |    | 1  |    | 6  |    |
| SM  | 6   | 6  | 10 |    | 18 | 5  |

Trey N5KO kommentoi Pasille (OH2IW) seuraavasti CW-statistiikkaa:

"It was great to finally work you guys at OH2HE on six bands in the same contest! I put up a new antenna for 160 this year and it seems to helped! From the comments I have read, it seems like 80 was a real problem for a lot of folks this year, and for others it was not a problem. Unfortunately I was in the first category.

The biggest surprise this year from Northern EU was the number of LA stations worked on 80 and 10. I always figured LA was a radio black-hole, maybe because of the mountains or maybe because of a lack of interest in contests there. I was also impressed by the number of OH station I worked on 15, but I have come to expect that from you crazy OH boys."

Tnx for info Trey, N5KO (via OH2IW)



# OH1MM 160M BALLOON VERTICAL PEDITIO

Pasi Alanko, OH1MM

CQ WW 160M TEST 1998 OH1MM

Laitteet: FT-1000MP+MLA2500, 1/4 helium pallo vertical

- 1 vuosi: harjoittelen pallon kanssa pelaamista ja päättää tehdä sen myös ensi vuonna.
- 1 viikko: hyvältä näyttää vettä sataa lumesta ei tietoa pääsen pelipaikalle ilman suurempia järjestelyjä.
- 1 päivä: pah lunta sataa taivaan täydeltä no siitä selvittäneen lihasvoimalla, muuten kaikki ok tarvikkeet repussa....
- 12 tuntia: perille päästyä antennin asennus jäänpääälle huh huh juuri ja juuri kantoi miehen no kun oli "rutiinia", antenni oli pystyssä parissa tunnissa ja SWR oli alle 2/1 koko bändillä, oli tyntäkin.
- 1 tunti: saavun pelipaikalle uudelleen. Kaikki ok, bändilläkin muutamat japsit tulee kiljoonaa.

2200z: aloitan kisan plokkaillaen niinkuin olen aikoinaan "pikku pyssynä" tottunut. Muitama japsikin tulee heti logiin.

2300z: qsoja tulee logiin mukavasti muutama dx:kin japsien lisäksi mm. C42A, EA8BH, CT3FN JA 7X2RO.

0000Z: ensimmäinen jenki tulee logiin 2345z K1NG (RI) paljon aiemmin kuin vuosi sitten, hyvältä tuntuu.

0100z: edellinen tunti 70qso eu:ta+4X4NJ ja TF3DX nyt olen jo löytänyt sopivan raon bändiltä ja qso kulki.

0200z: tuuli yltyy 11m/s antenni ei näytä enää vertaalaalta, mutta jonkinlainen GP kuitenkin, SWR heiluu tuulen mukana, onneksi on tukipiste 12 metriä. en anna tuulen häiritä.

0230z: eu:ta tulee logiin, mutta dx asemat hävinneet vallan.

0300z: hieman herätystä, kuuluvii ja logiinkin W1FJ, W2GD, K8DX ja 0336Z VO1MP

0400z: palloni räjähää osuessaan puuihin. 30min qrt kunnes uusi pallo on täytetty

0500Z: jenkejä ja karibian asemia kuuluu siellä sun täällä, mutta ei tuu logiin asti millään, vasta 0540z P49I ja 0630z 8P9DX saadaan kiinni.

0800z: 0713z tuli vielä W3BGN ja sitten uni - eikun nukkumaan.

1300z: herätys ja heti bändille josko vaikka sral:n bulletiini houkuttelis asemissa myös top bandille.

1400z: muutamia oh asemia tulikin ja myös kerroin 1350z UN7CE.

1800z: tasasen huonoa, muutama kymmenen qso/tunti ja eurooppaa.

1900z: hieman paranee, 50qso/tunti ja homma tuntuu taas kivalta.

2200z: japsit ovat kuin luteen huokaiksia eiliseen verrattuna olis pitänyt panostaa niihin enemmän eilen.

0000z: kisan kohokohta. N8EA ja WO1N vastaavat "putkeen" ja samassa saadaan logiin myös C3 ja CT kerroin ties monennenko yritymisen jälkeen.

0200z: monta lehteä kerkeää lukea samalla kun rpt ct ohjelmassa on päällä, niin on rauhallinen qso tahti.



0222z: V47KP kuulee minuakin vihdoinkin.

0600z: aamuyön odotan tuovan dx:siä, mutta ei - joitain uusia kuulen ja siihen se jää.

0700z: nyt tulee uni jo hieman aikaisemmin eikun makuupussiin.

1600z: tahkoan vielä viimeiset 4 tuntia ja noin 40qso tulí.

1700z: asema on purettu, radiot ja antenni pakattu autoon, kotimatka alkaa. Onneksi ei ole satanut lisää lunta.

2000z: logit korputettu ja kirjekuoreessa valmiina postitukseenä seuraava matka; työmatka kaivokselle alkaa.....

Kiitos kaikille qsoista tässä score:

741 qso 3864 qsopoints 9 states 56 country = 251160

44 OH asemaa NA 15 QSO

116 DL AS 37 QSO

85 OK

66 UA

76 UR

#### SUMMARY:

+4 viikkoa: vastaanlaisen pedition tekeminen edelleen mielessä paljon oppineena.

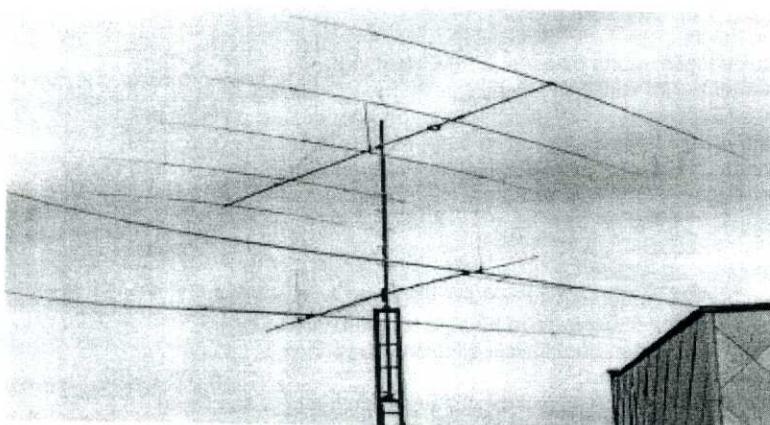
-Tuuli oli haittaavan voimakas koko kisan ajan tällaiselle antennille

-aseman pystys onnistuu muutamassa tunnissa

-kustannukset vain muutama satamarkkaa

-pystyy toteuttamaan yksin

-suosittelen muillekin



OM5M contest station - 40m and 20m antennas (tnx photo OK2ZW)



# CQ 160M CONTEST- OH8LAE MEETS MS. AURORA

*Mika Kauranen, OH8LAE*

Totals 475q 2470qpts 5 US/VE 54 DXCC = 145,730 pts

Eli heikosti sitten meni ! Oli varsinaisen kelinhaltijoiden nyrkinisku silmään. Ensin anoppi-qth:ssa Hyrynsalmella meni keskiviikon ja torstain välisenä yönä kolmen kepin vertikaaliryhmä 30 asteen pakkasen aiheuttaman huurrekuormaan ja sitä seuranneen myrskyn vuoksi. Päätin kuitenkin kokeilla kisaa uudesta koti-qth:sta Limingan Tupoksesta, jossa on four-square 40:lle vähän lyhennetyistä (23m) 5/8 lambda tikuista. 160:lle on lisäkelat tikkujen tyvessä ja tehoa ajetaan aina yhteen tikkun. Maatasona on pihanurmikolle levitettyjä kanaverkkoja ja lankaradiaaleja. Perässä olevien keppien pitäisi toimia jotenkin heiastajina. No, suuntaavuus on huono, ehkä 3dB tai huonompi. Pitäisi tehdä vähän virityshommeleita, mutta muija (eikun rakas XYL) ja kaksi alle 3v. harmoonista rajoittavat. Niinpä sitten perjantaina puolenpäivän aikaan (onneski jo silloin) ajelin Haukiputaan mummulasta, jossa olimme olleet perheen kanssa jonkin päivän, työpaikalla piipahtaan kohti Tuposta. Noin 500m ennen kotia meinasi tulla vetelät, vain kolme keppiä näyttäis olevan pystyssä.

Tarkastelu pihamaalla osoitti, että kepakoista se, jonka tiesin olevan heikoin, oli muljahtanut samaisessa myräkässä 5m tyvestä ylöspäin ja lepäsi J-muodossa pihalla. Seurasi lievää taistelua hanskojen heittämisen ja sisuuntumisen välliä. Sisuuntuminen voitti ja korjaushommeleihin. Onneski löytyi alumiinia riittävästi, jotta pystyn korvaamaan solmulle menneet kohdat. Ylösnostoyritteet alkoivat kun alkoi jo hämärtää. No, nousihan se yksinkin, vain vinssi ja 6m 50mm aluputki apuna. Tosin se tapahtui pimeydessä harustuntumalla, mutta seuraavana aamuna se näytti olevan melkein pystysuorassa.

Kello 18.30 oli valmistaa ja sitten takaisin työpaikalle, kun oli jäänyt päivä vähän lyhyeksi. Klo 21 sa olin takaisin kotosalla, torkuin vähän ja sitten kisaan. Alkuun ei vaikuttanut hirmu pahalta, pileuppia ei vaan saanut millään pyörimään, joten plokkailin lähinnä. Kun aamuyöstä olisi pitänyt alkaa jenkkinen kuulua, vain pari voimakkainta erottui. Nyt alkoi selvitä yhä voimakkaammin, että myös ionosfäärin säähaltija lady Aurora halusi lyödä turpiin. Eka yön jenkkiscore oli yksi asema! Karibialta kuului vaikka mitä, mutta nil qso. Lady oli taas laitellut diodeja. Meinasi ruveta kiinnostamaan virvoitusjuomapullon avaaminen, mutta se jää kuitenkin kiinni. Workin sitten Eurooppalaisia.

Toinen yö vaikutti alkuun samanlaiselta. Eurooppalaisia tuli hissukseen. Aamuyöllä hetkellisesti joku diodi poistettiin kun sain peräti 4 jenkkia lisää ja 8P:n. Yleisesti ottaen aurora vain paheni aamua kohti ja lopulta Eurooppalaisestaan eivät enää oikein kopittaneet. Rupesin kutsuskelemaan El Salvadorin poikia 40:llä. Sunnuntai-illalla tuli sitten vielä 24 qsoa ja 0 kerrointa.

Että silleen meni. Saimpanhan olla pojamatulosuhteissa viikonlopun perheen ollessa mummoissa.



## SCORE RUMOURS

*collected from various sources by Timo Klimoff, OH1NOA*

### CQ WW 160M CONTEST CW 1998

(call, class, score, qsos, DXCC, US/VE states)

|        |        |           |      |    |                   |
|--------|--------|-----------|------|----|-------------------|
| EA8BH  | SINGLE | 1.525.250 | 1224 | 72 | 53 (world record) |
| C42A   | MULTI  | 1.110.596 | 1153 | 70 | 31                |
| OH0MAM | MULTI  | 630.000   | 1250 | 71 | 18                |
| SM4HCM | SINGLE | 435.388   | 832  | 66 | 23                |
| SL3ZV  | MULTI  | 419.672   | 852  | 66 | 22                |
| OH2HE  | MULTI  | 410.410   | 941  | 65 | 17                |
| SM5HJZ | MULTI  | 321.530   | 739  | 61 | 18                |
| OH1MM  | SINGLE | 251.160   | 741  | 56 | 9                 |
| OH8LAE | SINGLE | 145.730   | 475  | 54 | 5                 |
| OH6AW  | MULTI  | 104.800   | 413  | 49 | 1                 |
| OH6NIO | SINGLE | 73.575    | 327  | 44 | 1                 |
| OH1AF  | SINGLE | 60.721    | 300  | 41 | 0                 |
| OH8BQT | SINGLE | 19.710    | 142  | 30 | 0                 |
| OH1NAD | SINGLE | 4.420     | 40   | 26 | 0                 |

### WPX RTTY CONTEST 1998

(call, class, score, qsos, prefixes)

|        |        |           |     |     |                    |
|--------|--------|-----------|-----|-----|--------------------|
| OH1AF  | SOAB   | 1.036.406 | 897 | 360 | (OH1MDR)           |
| OH2LU  | SOAB   | 497.898   | 603 | 278 |                    |
| OH2GI  | SOAB   | 452.370   | 552 | 255 |                    |
| OH3MMF | 20m SB | 535.230   | 654 | 342 |                    |
| OH3RM  | MS     | 596.580   | 685 | 305 | (ex-OH3KCB, OH1HS) |

### ARRL DX CONTEST CW 1998

|        |       |         |     |     |
|--------|-------|---------|-----|-----|
| OH8BQT | AB LP | 123.909 | 402 | 103 |
| OH1NOA | AB LP | 45.276  | 196 | 77  |
| OH3RM  | 40M   | 35.052  | 254 | 46  |

## CONTEST SOAPBOX

### CQ WW 160m CONTEST CW 1998

Had fun! Too bad condx to the US were just awful. JA was okay, though. You've probably



heard this one before, but the loudest one's here were K1KI, W1FJ, W2GD and WW2Y. WE9V had a good signal, but he couldn't here us... (OH0MAM, ops OH1EH, OH1JT, OH2MAM at OH0RJ's)

Antennas still up, equipment (rather) ok, network quite ok, cluster connection (often) ok, qso amount (fairly) ok (same as last year), the sauna \*very\* OK, even the operators reasonably relaxed and "ok". BUT...? Conditions \*\*NOT\*\* ok. 23 states and 8 countries less than last year. :-( (OH2HE, ops OH2HE, OH2IW, OH2JA, OH2JTE, OH6CT)

Menihän se... Edellisviikon myrsky vei varsinaisen antennin. Virittelin 80 sloperista uuden. Suurin osa langasta kulki keskeltä pihaa, hi! Sunnuntaina diodikeli (aurora?) mm. JA, 8Q7, EA8BH kuului kyllä, mutta Lauantai parempi päivä, sunnuntaina ei oikein kulkenut mihinkään. (OH8BQT)

Kari, kiitos rigin lainasta ja kiitos Ville strategia-avusta. Sain kuin sainkin se Japsin (JH5FXP). USA osavaltioista jää puuttumaan vain Idaho. Scoreessa noin 650 jenkkää. Kuuntelu oli mahdotonta pää-antenneilla, mutta beverages pelasi hienosti. Oli hauska sähkötellä pitkästä aikaa. (Usi recordi, vanha P40WA 1037q, 124m, score 1.276.456) (EA8BH)

#### WPX RTTY CONTEST 1998

Yleisesti ottaen kelit oli kohtuulliset, jopa 80m workin yhden jenkin. Kymppi oli töttöröö, 15m kohdalaisesti auki JA-W, 20m hyvin auki JA-mutta vain välittävästi W-suuntaan. 40m ekana yönä muutama kymmenen jenkkää. Teknisä murheitakin oli: \* perjantaina kun menin kerholle, en saanut kirveelläkään Golffin takakonttia auki. Meinasi tulla ongelma ottaa kaikki romut linkkuineen päivineen etuovesta ulos. Onneksi luukku aukesi puolen tunnin taistelun jälkeen. \* 15m masto oli jumissa la puoleen päivään asti. Onneksi OH1MRR tuli paikalle ja saatiani mootori sulatettua! \* toinen TNC oli omia aikojaan sanonut sopimuksensa irti la-su yöllä kun olin nukkumassa. Su aamupäivän ajoin yhdellä lainilla. Puolen päivän rest perioidilla sain TNC:hen hengen takaisin. \* yllätys yllätys tällä kertaa ei ollut mitään RF-ongelmia! Jopa 40m toimi sen puolesta FB. (OH1AF op. OH1MDR)

#### KONTESTIN JÄLKEEN MUISTA LÄHETTÄÄ:

**SCORETIETOSI JA JUTTUSI SOAP BOXIIN TIMOLLE, OH1NOA  
VIA EMAIL tai PUHELIMITSE:**

**oh1noa@qsl.net TAI puh. 040- 5322 730**



# WORKED CONTEST CLUB FINLAND

Issued on 1st June 1997. Contacts since that date are valid for this award.

To get the award you have to work CCF members in contests as follows:  
Finnish (OH, OH0, OJ0) amateur radio stations = work 80 CCF members.  
European amateur radio stations = work 40 CCF members.  
Non European amateur radio stations = work 20 CCF members.

When you apply WCCF Award send a list of the QSO's with the following information:

Your call

Name

Address

About the QSO's announce the following information:

Date

Time

Station worked

Band

Mode

RST report sent

RST report received

Contest name

QSL cards are not needed because we can verify the QSO's easily from our members.

Fee: 40 FIM or \$8.

Send applications to:

Pasi Alanko OH1MM/OH0NSJ

Näsäntie 20 As2

FIN-28660 PORI

FINLAND

Uusien awardinsaajien kutsut julkaistaan säännöllisesti PileUPI-lehdessä.

Ensimmäiset awardit on myönnetty seuraaville:

#1 N2SA #2 K1BV #3 OH1MM #4 CT3BX (OH1EH)





## PILEUP!:IN ILMESTYMINEN VUONNA 1998

stopdate = päivä, jonka aamuna kaikki lehteen tuleva  
aineisto pitää olla päätoimittajalla

ilmestyminen = viikko, jolloin jäsenet viimeistään  
saavat lehden postissa kotiinsa

| numero | stopdate | ilmestyminen |
|--------|----------|--------------|
| 1/98   | 28.2.98  | viikko 11    |
| 2/98   | 24.4.98  | viikko 20    |
| 3/98   | 21.8.98  | viikko 36    |
| 4/98   | 2.10.98  | viikko 42    |
| 5/98   | 4.12.98  | viikko 51    |

Pääsääntöisesti pystymme lukemaan kaikki tavallisimpia teksti- ja kuvaformaatteja. Suosittavimmat tiedostomuodot ovat kuitenkin Word, WP (teksti) tai JPeG, GiF, Windows Bitmap (kuva, vain tiedostoina please).

SysOpen Yhtiöt on 1990 perustettu kotimainen yksityisomistuksessa oleva riippumaton ja vakuvarainen tietotekniikkatalo. Palveluksessamme on 80 henkilöä ja liikevaihtomme on 40 mmk. Toimintamme painopiste on asiakaskohtaisissa konsultointi- ja systeemyhankkeissa. Toimintamme kasvaa edelleen voimakkaasti. Haemme nyt yhtiöryhmämme palvelukseen Helsingissä

## ATK-SUUNNITTELIJOITA

Lisätietoja Internetistä <http://www.sysopen.fi>. Lisätietoja tehtävästä antavat myös puhelimitse toimitusjohtaja Jorma Kylätie ja johtava konsultti Pasi Luoma-aho (OH2IV/OH6UM). Kirjalliset vapaaamuotoiset hakemukset palkkatoivomuksineen tulee toimittaa aina olevaan osoitteeseen. Kuureen merkitä "Atk-suunnittelija". Hakemukseen voi lähettää myös sähköpostina osoitteella [jobs@sysopen.fi](mailto:jobs@sysopen.fi).



Pasilankatu 4 B, 00240 Helsinki. Puh. (09) 613 4711



# ONKO ASEMASI ERGONOMIA KUNNOSSA...? ONKO WORKKIMISASENNOSSASI PARANTAMISEN VARAA...?

Älä vähättele asemasi ergonomiaa! Ei ole ollenkaan yhdentekväärä, miten ja millä istut workkiessasi kontestia! Kuten seuraavat "maailmalta napatut" esimerkit kertovat, jokaisen meistä kannattaa suhtautua hyvin vakavasti aseman ergonomian järjestämiseen parhaalla mahdollisella tavalla. Veikkaan, että aika monella on tässä suhteessa parantamisen varaa.

73 de Pasi OH2IW/OH6UM

(1) Gene N2AA :

Some years ago (Dunno, mebbe 12 or 15), at K2GL's station, Buz had a chair which was like a sandbox; a rail around the perimeter with a pad inside. This chair was the one noone wanted when the music stopped. Since Mr. Able is always late, this chair was the the one I got this time. The wooden rail pushes up on your thigh above the knees and, as it was discovered, cuts off the blood to the rest of you.

After sitting in this chair for 8 hours or so without moving, at the end of the contest I could not move!! The whole gang: K2SS, K2TW, KR2Q, K2TT, K2NG, K3EST and whoever else, picked me up out of the chair and carried me down the stairs to where dinner was happening. It took about 90 minutes (with my feet up) for things to return to a normal state, and I drove home.

We were all really scared (Especially me!) that something really bad had happened. I was lucky. Be careful. The darndest things can bite you in the ass!

(2) Art N2AU :

I just read the posting by my good friend Gene, N2AA. This brought back a memory soon not-forgotten. During the 1982 ARRL CW DX Test I had been sitting in this hard wooden chair for over 8 hours running stations on 20 and 15 when I decided to get up and give nature a break. It was then I noticed I had this dull tingly sensation in my legs and when I



started to walk, one could have sworn I was drinking Old Milwaukee's Best instead of Pepsi. I figured since the edge of the chair was quite sharp that I had cut the circulation to my legs. Later that evening when I ws driving home, the sensation was still there, which alarmed me.

When I came to a traffic light I rubbed my left eye, I wasn't seeing anything out of my right eye...had to be contest fatigue! When I got home, I decided to take a shower, I noticed that the right side of my body felt cold, but the left side felt warm...Wow, I must have overdone it, was the mindset. The next morning I had lost my eyesight completely and decided it was time to see a doctor. My eye doctor said he was pretty sure he knew what was causing this and sent me off to a neurologist, who confirmed several days later I had Multiple Sclerosis. About 5 days later, I did regain my eyesight, in the left eye only. The ARRL DX Contest of 1982 will never be forgotten!!

## **CONTEST CLUB FINLANDIN OMA SÄHKÖPOSTIFOORUMI ON AVATTU**

Contest Club Finlandin oma kontestipitoinen sähköpostifoorumi on avattu. Foorumi on avoin kaikille kotimaiseen ja kansainväliseen kontestitoimintaan liittyville keskusteluille, kysymyksille, vastauksille, ehdotuksille, ajatuksille, tulos-infoille, peditio-julkistuksille, jne.

Voit liittää mukaan CCF:n sähköpostiforumille lähetämällä seuraavanlaisen sähköpostin :

Merkitse sähköpostin vastaanottajaksi: [ccf-request@contesting.com](mailto:ccf-request@contesting.com)

Kirjoita viestin sisällöksi pelkästään seuraavanlainen rivi:  
subscribe ccf KUTSU  
( esimerkiksi: subscribe ccf OH9XYZ )

Onnistuneen liittymisen jälkeen saat automaattisesti jonkin ajan kuluttua vastausviestin lisähöjineen.

Tervetuloa mukaan!



## China Special!

### Trying CQWW

October, the CQWW was approaching. The perfect feelings in the pile-up made me to try the possibilities to join in it. And of course it is a opportunity to get in touch with the worldwide hams. But I hesitated for a few days, while I am afraid that I didn't have enough time. Being a Senior Three student, I am so busy. I called my fellows in the club together and told them my idea. Unexpectedly, girls showed great earnestness in it. Especially Clare, who said she had never been in pile-up yet and seemed couldn't wait any more. She's such a girl who would be excited for a contact to EU for a long time. Some of my guys even declared for the champion in China. Well, a group of hot contestants! Two teachers, Mr. Zhang Shengzhi and Mr. Li Jian-min, who are in charge of the club were also warm-hearted in it. Although they don't know how to operate the radio, they have a spirit of ham. They always offer great support to us in any way. So again, we guys, not seeing much of the world, were together for our common interest, for the "champion" in our dream. We began to prepare for the contest immediately, as we didn't have much time! Clare, Smile, Rose June, Susan, Bob and Nancy, as well as some new hands.

The equipment in our club is poor, a TS-520x, and we only have a inverted-V dipole on 15,20m. So I telephoned Mr. Wang Jiahui/BY5QA for help, who is in charge of amateur radio affairs in Fuzhou. Soon I got his permission to use his strong equipment and work on radio as BY5QN in those days. He is such a kind old man that always helps the amateurs selflessly. In 1989, BY5QA got the Champion of China in CQWW phone contest. Wang told me that on of his Yagi was blown down by typhoon. So Zhang took some boys to repair it. On the roof is a 2ele Yagi with 15,20&40m bands? It took us two afternoons to erect the tower and set the Yagi. It did work at last and SWR is beautiful. But when we tried to rotate it, we found the rotator didn't work at all. The antenna shook for a few seconds and then quieted down. So we had to pull the ropes on it to rotate it. Isn't it looks funny to rotate such a big antenna by hand? But we did it in the contest. Fortunately, we had another 4 ele Yagi on 15m, and its rotator works well.

Later, Wang told us that he had got the permission to use the linear amplifier in the contest for us. It was good news. We can use a high power of 1000w during the 2-day contest. Before the contest, we checked the transceiver, a TS-430s and other equipment carefully. Seemed everything is okey.

Oct 25th, 7:30(2330 of Oct 24th in UTC, local time is 8 hours ahead of UTC), I entered the shack of BY5QA. Wang was busy preheating the amplifier. I checked the clock, got the pen and log ready, and then turned on the TS-430s. Many DX signals were soon available. The clock stroke 0000 UTC, band was immediately full of "CQ contest...". Pile up was where you were.

Chasing DX is just like a math's problem, or, like art. In most occasions, our signal is inundated with strong JAs. We've to think of any way to make the DX understand that there is a BY on the band. Seems "Bravo Yankee Five" is resonant in the pile-ups.

We kept on working till late into night. Then we had to go home--out parents didn't allow us to work radio whole nightlong.

Next morning, when Wang and I stepped into the shack, we found that TS-430s couldn't transmit even a bit power after the continuous work. So I had to change to another 20w one.. What is worse is that a power of 20w could not make the amplifier working! God! Wang tried to repair it, but at last failed. Anyway, we still got some rare stations came out from several



small islands in Pacific.

In the evening, a mobile station called in, who explained "/mm" as "Mickey Mouse". It made us laughing happily. Mickey vs. Cat, wonderful! You know, guys on the air always call me like "Cat", hi.

Well, now let me talk about contest in China. I don't think it popular here. I've exchanged ideas about with some amateurs. The problem is the language. You know, there are great differences between Chinese and English. Maybe one will not understand what you say in English even if he have grasp it so well that he can read without difficulty. There are some 300 personal stations and about 100 clubs in China. Many of the personal stations gather on 40m. You can hardly hear them talking with a foreigner. The situation on CW should be much better, as lots of men have a good skill of CW. So in the CQWW phone'97, we only got BY1BY, BY2HIT, BD9SA, BA1DU, BY4BZB. As far as I know, BY4RSA took part in it as well. More people joined in the CW contest, I know some locals did at least.

On the other hand, it seems that we lack the propaganda on contests among the hams here. A number of guys know nothing about it. I met another local club in high school during the two days' contest. Seemed they did not read "CQ Contest", they called in as usual. I had to give him a explanation and a sorry for the shout contact, while it was piling up on the band. Hi.

Pile-up, good DX propagation, a world of signals make a opportunity to check one's abilities in the heated competition. Once more Chinese amateurs went through the pile-up, the contest, I believe they WILL be attracted by it, and devote themselves into it. Then, you may get more and more "Bravo" stations in the contests. Many things are to be done.

Anyway, as we have the common interests on radio, on contest. Don't forget to give us a signal when you get our calling. See you in the pile-ups!

73 J

Feb 20, 1998

Michael "CAT" Chen

BY5QN





## Golden "Chan Chan"

One summer night in August, when I stepped out of the Boeing 757, I said in my heart, "Guangzhou, here we are!"

I have no idea whether you know about the Chinese Youngster's Amateur Radio Competition. It is the biggest and most important contest held by CRSA for the BY stations. Most of the BYs are clubs in high school or children's palace and operators are kids. Every year, there are a good many teams from all over China gather in a certain city to take part in it. The whole competition consists of four contests: DX on 40m, DX on 15&20m, radio knowledge exam and callsign copying. Each team is made up of Senior group and Junior group. Two groups join in the contest separately. The points of both senior group and junior group in each contest are totaled to a last mark. The highest get the team champion. So if you want to get the teams champion both senior and junior should do well in each contest.

My club got preparing for the competition in June. After the tryout, we got nine guys in the end. Three of us were in senior high school: Clare, in Senior 2; Xiaoxuan and I were in S3. Others in junior high school: Kate&Nancy in Junior 2; Smile, Rose, Susan & June in J3. Maybe you have found that I was the only boy in the team. Well, yes, it looks strange that ham radio is more attractive to girls here, hi, hi. From then on, we gathered every day at the shack or at the language lab, and devoted ourselves into the special training. But just a few days before we started, Kate broke her leg badly in an accident, so she failed to go with us, what a pity!

An hour later after we arrival, we got to the hotel, which teams were required to live in. In the lobby, we were welcomed by a large red board, on it was "Welcome, Young radio amateurs!"

The competition would began two days later, so next day we went to the zoo in Guangzhou, which is one of the biggest in China. I like the animals so much that when I got to a new city, I always try the possibilities to visit the zoo first. I took a 2m with me and managed to on air with the great sound of lion there.

Aug 6th, the contest began. There were teams from Beijing, Shanghai, Tianjin, Guangzhou... Everyone was so good at ham radio. There held a opening ceremony in the morning. And in the afternoon was the radio exam. Seeing that the matches were so strong, my fellows seemed so nervous. As this was their first time to take such an exam, I told them to take it easy. But they just didn't stop going over their books and notes. Much knowledge in the exam would not be taught until you get into the Physics or Radio department of university. As high school students, it is so difficult for them. Girls had to learn by themselves. They had tried their best, I can assure you. Although I am good at physics and I took part in Olympic Physics, I met many problems. But we had been well-prepared. At last, I had to "order" them to have a rest. :-) I even hid Smile's book in order to calm her down, for she seemed so pale. I told them my feelings when I joined in the competition last time. Well, finally, I managed to make them feelbetter. They were again self-confident. But when we got to start, I felt a bit tired myself, hi, hi.

I got the 1st place in callsign copying in senior and Nancy got the 6th in junior.

The next was DX contest. Each group has an hour each time, total 2 times, to work radio on air. I think everyone in our club is good at operating, because we used to play an awful lot after class every day. All of us are so mad about it. We have taken part in many other contests



as IRAU, CQWW, WPX and so on. So I can say we are experienced. But this DX contest was much different. It was not an international one, so the stations on the band would be much fewer. And we were forbidden to use "CQ CONTEST...". You can work both CW and SSB. So it looked just like a usual operating.

Our junior group had an operating that night. They mainly worked on 40m as BT7C. Maybe the atmosphere was too serious for them. When they finished, Smile came up to me. Tears started from her eyes, she sobbed slightly. I really didn't know how to console her at that time, she did so well in the contest. When we were in joking, she often claimed that she is fragile. Now I think she was right. ;-). On the way to the hotel, I tried my best to make her happy. Anyway, smile backed to her face. How lovely!

There were dozens of interesting things besides the contest, we did what we could to make fun: Nancy opened a hot line named "Samba" to contact other hams in her room. I didn't know whether someone in other team had ever called her up. But we soon nicknamed her "Number 73 Operator" Hi!

Next morning was senior group. The contest began at 7 a.m. I worked CW on 40m, and got 50.5 points.

After the contest, the organizer arranged all the teams to visit a famous military school in Guangzhou, named Huangpu. I learned it on my history book before. Many famous men in Chinese history were graduated from here or had taught here. Such as Zhou Enlai, who had been a chief officer here later became the 1st Prime Minister of P.R. China. At this historic place, I again worked my 2m. It is a pity that the local net is not on 2m but 70cm.

When I backed to hotel, some my friends in BY7KH called on me, we had met in Chengdu last year. This time, they were hostess.

Later, the result of 1st DX contest was announced. What surprised me most was that Team Tianjin got 168 points on 20&15m. The 2nd only got 86, just a half. This 168 gave me a high pressure. It meant that only getting more than 168 points can made us the 1st place! Everyone thought Team Tianjin would surely get the Champion on 20&15m. Mr.Zhang, our teacher, said to me that if I could not get more than 168, better to work on 40m for we had got 50.5 on it. But I said "Yes, I can."

Next day, Rose caught in a heavy rain when she was having sightseeing. It made her a high temperture, so she had to stay in bed until we finished our contest. Poor Rose. Teacher and girls looked after her carefully. Soon she was getting better. However, I did nothing on taking care of her, as I was occupied with the affairs of the contests and some other things. As the head of the station, I felt I didn't discharge my responsibilities. Frankly, I look on everyone as my little sister. I am so sorry about it later.

Aug 9th, the last day of the contest. Junior did a good job in the morning. They beat other junior groups and got the champion on 40m. In the evening, it was our last time in DX contest. 8:00 p.m., the chief judge Mr.Yan/BA1AB said "1,2, begin." Clare began to call "CQ" on 14.190 MHz as BT7C. A station from Atlanta in the states called in when she just ended her 1st call. I immediately realized we had a good luck. Clare handed the microphone to me. I began to deal with the stations with rubber stamps. The band opened perfectly and I soon got a serious pile-up from NA and EU. I even got some rare ones as LX. You know that feeling, wonderful! Mr. Yan were attracted by the pile up, too. And forgot the time, hi, hi. When he found the time was over, he had to stop us. Guess the result? We got 222 points at last. The shack was boiled! We were beyond Team Tianjin. Judges came up to me and congratulated me. We set a new record in the competition. That's great! When we arrived at the hotel, Clare



and Xiaoxuan rushed out of the elevator, they couldn't wait to tell the other teammates that exciting news. Soon I heard the cheers. Everyone was so excited, including Rose, who had to be in bed.

It was 2 a.m. when I managed to go to bed. I just turned off the light, a sudden knock at the door broke the silence. I opened the door and saw Clare standing there, who cried "Hey, Michael , Hey, Teacher. Look, look at the board, we got...." I rushed to the bulletin board before I understood what Clare meant. There the final result of the competition was just announced. I saw clearly that: "TEAM CHAMPION: BY5QN"

YAAAAAAAAAAAAAAAH!

I made myself to confirm it again and ran back to the room. The teacher Mr.Zhang just got up. He grasped my hand tightly and we shook them for a long time without saying a word. I heard cheers broke out from next door. I went there... I can't describe their excitement. Happy tears ran down my face.....

14 hours later, we got that golden cup. We named it "Chan Chan". In Chinese, it means splendid. Sweetly, we kissed it. On the way home, Smile hugged it as her baby, murmuring "Chan Chan..."

Now, The exciting moment has passed for 4 months. But when I look at the photo on my desk, I can still feel that excitement....

Michael "CAT" Chen  
Jan 4th, 1998  
Fuzhou China



# IOTA Contest 1997 Top & OH-results

## 1997 Island Multi-Operator - 24 Hour Multi-mode

| Posn | Call                               | QSOs  | Mults | Score     | IOTA | Island Name |
|------|------------------------------------|-------|-------|-----------|------|-------------|
| 1    | GI7J                               | 2,731 | 363   | 6,709,362 | Hm   | EU115       |
| 2    | MW7Z                               | 2,517 | 371   | 6,526,878 | Dx   | EU124       |
| 3    | OH0MDR/1                           | 2,683 | 312   | 5,899,615 | Dx   | EU096       |
|      | (ops. OH1MDR, OH1NOA)              |       |       |           |      |             |
| 4    | OH2JA/P                            | 2,692 | 295   | 5,698,810 | Dx   | EU097       |
|      | (ops. OH1JT, OH2IW, OH2JA, OH8KKK) |       |       |           |      |             |
| 5    | 9HOA                               | 2,274 | 322   | 5,521,280 | Hm   | EU023       |
| 38   | OH1LEG                             | 1,165 | 95    | 827,260   | Dx   | EU096       |
| 69   | OH5AD                              | 427   | 33    | 91,146    | Dx   | EU140       |

## 1997 Island Single-Operator - 24 Hour Multi-mode

| Posn | Call        | QSOs  | Mults | Score     | IOTA | Island Name |
|------|-------------|-------|-------|-----------|------|-------------|
| 1    | OH0MYF/6    | 1,687 | 145   | 1,696,935 | Dx   | EU101       |
|      | (op. OH6YF) |       |       |           |      |             |
| 2    | MJ0AWR      | 1,393 | 157   | 1,458,373 | Hm   | EU013       |
| 3    | VE3IY/7     | 1,177 | 142   | 1,315,772 | Hm   | NA036       |
| 4    | RA0FF       | 823   | 156   | 1,307,904 | Hm   | AS018       |
| 5    | EI5DI       | 1,149 | 152   | 1,142,128 | Hm   | EU115       |

## 1997 Island Single-Operator - 12 Hour Multi-mode

| Posn | Call    | QSOs | Mults | Score   | IOTA | Island Name |
|------|---------|------|-------|---------|------|-------------|
| 1    | GOMTN/P | 599  | 101   | 400,162 | Hm   | EU005       |
| 2    | DK8OL   | 520  | 63    | 352,632 | Hm   | EU042       |
| 3    | UA0FDX  | 264  | 85    | 253,895 | Hm   | AS018       |
| 4    | G3RTE/P | 647  | 51    | 193,851 | Dx   | EU120       |
| 5    | AA4V/P  | 551  | 62    | 147,002 | Hm   | NA110       |
| 20   | OH1LVR  | 108  | 25    | 25,425  | Hm   | EU096       |

## 1997 Island Single-Operator - 12 Hour SSB

| Posn | Call     | QSOs | Mults | Score   | IOTA | Island Name |
|------|----------|------|-------|---------|------|-------------|
| 1    | GM4DZX   | 867  | 82    | 531,070 | Hm   | EU009       |
| 2    | G3TTJ    | 552  | 126   | 529,706 | Hm   | EU005       |
| 3    | GX4WSM/P | 902  | 94    | 515,590 | Hm   | EU005       |
| 4    | OZ8IE    | 632  | 84    | 460,404 | Hm   | EU030       |
| 5    | PA3EVJ   | 444  | 100   | 380,100 | Hm   | EU146       |
| 55   | OH1LU/P  | 71   | 16    | 8,752   | Dx   | EU096       |

## 1997 World 12 Hour Single-Operator CW

|    |        |     |    |        |
|----|--------|-----|----|--------|
| 51 | OH3NM  | 69  | 46 | 47,610 |
| 58 | OH2JTE | 210 | 22 | 32,450 |

## 1997 World 24 Hour Single-Operator SSB

|    |        |     |    |         |
|----|--------|-----|----|---------|
| 18 | OH5NHI | 355 | 67 | 208,705 |
|----|--------|-----|----|---------|

## 1997 World 12 Hour Single-Operator SSB

|     |       |    |    |        |
|-----|-------|----|----|--------|
| 75  | OH5PA | 48 | 33 | 22,011 |
| 113 | OH3HM | 17 | 10 | 2,050  |



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## JP ANTENNI HINNASTO 1997

| MHz/el   | HINTA MK | PUOMI m | PISIN EL. m |
|--|----------|---------|-------------|
| JP 28/6  | 2310.00  | 9.00    | 5.48        |
| JP 28/4  | 1470.00  | 6.00    | 5.54        |
| JP 28/3  | 1210.00  |         |             |
| JP 24/6  | 2425.00  | 10.20   | 6.20        |
| JP 24/4  | 1530.00  |         |             |
| JP 24/3  | 1265.00  |         |             |
| JP 21/6  | 2530.00  | 12.00   | 7.30        |
| JP 21/4  | 1620.00  | 9.35    | 7.38        |
| JP 21/3  | 1320.00  | 5.00    | 7.40        |
| JP 18/6  | 2810.00  | 14.00   | 8.56        |
| JP 18/4  | 1880.00  | 10.95   | 8.62        |
| JP 18/3  | 1545.00  | 5.80    | 8.64        |
| JP 14/5  | 3865.00  | 17.90   | 10.96       |
| JP 14/4  | 2470.00  | 13.95   | 11.04       |
| JP 14/3  | 1960.00  | 7.40    | 11.07       |
| JP 10/3  | 3160.00  | 10.30   | 15.88       |
| JP 10/2  | 2335.00  |         |             |
| JP 7/3   | 4375.00  | 12.00   | 23.45       |
| JP 7/2   | 2950.00  |         |             |
| JP log 13-30/8   | 3300.00  | 5.50    | 11.10       |
| JP 24+18/2+2 el (huom yhdellä syöttöjohdolla)  |          |         | 1750.00 mk  |
| JP 24+18/3+3 el (huom yhdellä syöttöjohdolla)  |          |         | 2300.00 mk  |
| JP 10/1 (diboli edellisiin samalle puomille yhdellä syöttöjohdolla)                              |          |         | 820.00 mk   |
| JP 28+21+14/2+2+2 el tribander ilman trabbeja yhdellä<br>syöttöjohdolla FB 12-20 db gain 6.5 dbi |          |         | 2450.00 mk  |

Hinnastossa on vain osa valmistamistamme antenneista. Suunnittelemme ja valmistamme antenneja asiakkaan toivomusten mukaan. Meiltä saat myös erilaisia alumiiniputkia, antennien elementtejä, graundeja, koaksiaaleja yms..

Jälleenmyynti : Suomen Radioamatööritarvike Oy

HINNAT SISÄLTÄVÄT ALV 22 %