

OD50 refused to work me, sent "No 4X" at 1831 28 January....  
**4Z8SM**. I enjoyed the contest....**7M1MCY**. Nagoya Kougakuin Calege  
60th Anniversary Special Stahtion. Thankyou 73!  
Yoshi(opJK2VOC)....**8J2NDP**. Just testing new TS590 - amazing  
rx!....**9A6C**. Very poor condx and we had poor TX ant. It will be  
better next year....**9A7T**. 2012 CQWW 160 CW K3, 500W, 90 ft.  
inverted L, no RX antenna, 29 hrs....**C6AKM**. After 6.5 h a big  
storm destroyed our 23m high ground plane. No chance to repair  
the antenna during the storm and we were forced to go QRT. What a  
pithy! But we will try it next year again....**CR2W**. Not easy this  
year...bad condx..just a few hours.. thanks....**DF1HF**. Fun - 2x11m  
Trap Dipol matched for 160m did a great job for me....**DF1LX**. got  
urgent qrlon Saturday. I was nit able to work in the contest...  
Next year....**DF4PD**. Also this year a good contest ! Running 100  
watts to a dipole. 73 Uwe DF5BM....**DF5BM**. IC775+Dipole....**DF5RF**.  
a try on 160m, but actually no real antenna. I have to work  
during summer on this. 73s....**DF7JC**. I had a part time  
activation. With only a 160m dipol not really DX. The DXConds  
bad, in this case I worked only 1 NA station VY2ZM. I hope to  
find time to check out the 160m SSB contest soon. 73  
Mirko....**DJ1AA**. FT950 ,Titan 425, microhamdigi keyer 3 element 3  
band home made i nv-L 80mtr/40 mtr 80 meter long v-dipole +- 8  
meter over ground RC Klog i was not in form to work this  
contest , but listen a bit in and was h appy to work with this  
antenna in low power also state side . see you in the ssb part ,  
also low power....**DJ1ER**. A SINGLE-OP-ASSISTED LOW power class  
would prevent a lot of cheating!!!....**DJ2YA**. QRP 5 Watt from  
FT817 via antenna tuner Z11 and inductivity through coaxial cable  
to baloon 1:6 in an off-center-fed dipole for 7 MHz, 21m long and  
8m high. Thanks again to the organizer for the nice  
contest....**DJ3GE**. Condx could be better, still greath fun. Some  
state side so strong and so anoying they did not copy  
me....**DJ5AN**. It was my last 160m Contest after more than 12  
Years....**DJ6TK**. FT-1000MP MarkV Dipole 2x40m 16m vertical 200m  
Beverage....**DK0RZ**. Having been on a trip until Sunday afternoon,  
the few hours remaining for the contest were great fun. Hopefully  
next year again full time!....**DK1II**. Vy bad condx this year, at  
least in Europe. Although I used almost 100 watts into my large  
magnetic loop (look at QRZ.com), I got only a few W-stations,  
VY2ZM and KV4FZ. The Rest was Europe with the lowest amount of  
DXCC of the last 7 years. 73 Uli....**DK2BJ**. I have take part in  
the CQ-WWDX-160m CW only for 2 hours. There were also some other  
contests at the same time. I was also active in the UBA-SSB-  
Contest and in the REF-CW Contest 2012. A big pile up from the  
HKONA expedition. I had a big fun..vy 73 de Ben DK4WF....**DK4WF**.  
Just a few QSO to test my new TRX. Condx sucked....**DK5TX**.  
operating from DL2OBO station in Holzminden....**DK7YY**. My 4th  
participation, showing the "limits of growth": More than 20%  
under last year's score! Well, a few hours less chair time, but  
that doesn't explain it. Fewer participants? Worse condx? Only  
two NA contacts, both very easy, no other NAs heard. Yes, no  
beverage... just a 6 m high helical vertical and 100 W from an  
FT-857D. Looking forward to a personal all-time record next

year ;-))....**DK8NT**. Station : K3 ; TX ANT L at 65 Feet ; RX ANT : K9ay Loop + 4 EWE....**DK8QU**. RIG: ICOM 756PRO PA: ACOM 1000 ANT: 2 x 11m symmetric dipole (Doublet) LOG: RCKLog V3.24 Just for fun! I could not play a major role in this contest because of my small antenna and poor condx. However I enjoyed the contest and I look forward to meeting you next year. 73 de Achim, DL1DAW <http://www.bgkweb.de>....**DL1DAW**. Rig: FT2000 + Acom1000 Ant: 84m-Loop....**DL1NEO**. TRX: TS-2000 PWR: 100 watts ANT: FD4....**DL2BUM**. Third time for me to take part in the 160m CW Worldwide contest. Using only a very short 7m vertical (for TX and RX) from my balcony and my Elecraft K2 grp TRX, 3 Watts, IF-BW: 400Hz. Due to non-availability of an appropriate antenna tuner and poor antenna grounding I had a bad VSWR of 1:2 to 1:2.6, that's why I could not TX with more than 3 watts. Even though my working condx were quite tough, it was a big challenge to call stations wondering if they were able to pick up my weak signal. I was surprised to learn how many did!! Wx was frosty with snow on the ground and on my antenna, hi... As in the past years, taking part in the contest was a big fun....**DL2GAN**. TS 850 S - 2 x19,5m Doppeldipol - Hühnerleitung....**DL2ZA**. Yaesu FT-450 / Datong FL2 / Loop 164 Meter Umfang / Yaesu Tuner FC-102....**DL4ZA**. This year less DXCC, less QSO but a lot of fun nevertheless. My favorite contest. Some hours remain during the day for a walk with my wife....**DL7UMK**. 100W - Fullsize-Vertical and Fullsize inverted V Dipol @ 35m in the feed point, 250m Beverage to north west, DX-Cluster....**DL7URH**. Had only 2 hrs to operate.... Cuagn next year with more time....**DL7YS**. Clicking calls from the band map can be dangerous when the standard band borders are still in use (in Wintest band starts at 1800). Unfortunately it happened that I clicked and worked two stations (K8MFO, KC3WX) below 1810 before I found it out and immediately corrected the border definiton in Win-test. I regret that it happened but I let the QRG unchanged in the log, just marked calls as /DELETE so these stations may get credit for these contacts but have to be deleted from our log. DL3DXX....**DR1A**. Friday night was poor; Saturday night improved but not great either....**EI2CN**. TNX for FB CONTEST....**ER2RM**. CU CQ WPX RTTY....**EU1AZ**. TRX - FT-840, PWR=100W, ANT - Delta Loop 160m 73! and CU next year....**EU6AA**. Bad condx, but great contest!!! TNX CUL 73!....**EW1WA**. TS-950SD, PA-500 Watts, Ant. Delta Loop....**EW8DX**. IC-746pro , power 5w ,ant.DIPOLE....**EW8OG**. A funny weekend with my 25 meters coil shortened antenna wire inside downtown Paris....**F6GOX**. VERY NICE CONTEST RIG FT757GX2 100W TO INVERTED L VERTICAL PART 10METERS HIGH + 6 \* 40 METERS GROUND RADIALS THANKS AND SEE YOU AGN IN NEXT ONE !....**F6HHR**. Only one night on the chair because condition was very bad with Europe See you next year....**FM5BH**. Horrible conditions!....**G3OLB**. 145ft Inv-L 40ft high, 100 Watts....**G3RLE**. No DX here! Got up early Saturday but no W's wknd. Had to go out sunday early Lots of EU !....**G3VYI**. Another fun weekend, but always hard going on QRP with poor antennas. Conditions seemed down and very little USA/VE heard. So few QSOs than last year and fewer countries. 73 Dave G3YMC....**G3YMC**. Thought condx not as good as previous years used SD contest

programme which worked well....**G4AFJ**. Had a lot of fun S&P this time. Band condx very poor early but improved towards end. My hastily made 20ft rx loop paid off as noise from Inverted L was horrible. K3 (100w) into Inv L plus rx loop N1MM logging software worked well as usual. If I can solve RFI into Router will go HP Assisted next time....**G4BYG**. Deep QSB at times, no real dx heard....**G4LWB**. GB4SEN located in Cornwall, England. Thanks for the fun - hope we did not confuse too many with the GB Call....**GB4SEN**. 118 NA QSO's, almost all Saturday night, a high-water mark from here!....**GJ2A**. Part-time entry (2.5hrs) - worked more than I expected to with temporary inverted-vee antenna. 73 Chris GM3WOJ / GM2V....**GM2V**. Great operators again this year with many ops having to work extra hard to etch out points. Conditions down on last year. The old sun has woke up making my long haul dx a real effort with many AGN and ? being sent in the most polite way Thanks to all see you next year I hope....**GM4UBJ**. RIG: IC-718, 100W ANT: INVERTED-L....**HA5UY**. Flex 5000 C , Acom 2000A , 1kW , 2x36m dipole @ 25m, propagations better on Sunday....**HB9CVQ**. RIG: FT-920, OUTPUT PWR: 1400 W ANTs: VERT., DIPOLE AND 5 X BEVs....**HG5A**. only for check/controll....**HG8C**. Propagation and participation was less than last year, but we had fun!....**I4EWH**. HALLO' RTX KNWD TS590 ANT MAGN.LOOP DIAM.1,8MT-1MT HIGH FM GND 73'GD DX. Giuseppe....**I5YKQ**. This year only few hours but funny as usual !!!....**IK0XB**. Nice contest, congratulation all station. Simone....**IK5RUN**. Not more time for me this year, but i was however in this big Contest, also if only 14 qso!73 de Carmine **IK8GYQ**....**IK8GYQ**. FT817 (5 watt) - antenna:inverted V trap dipole....**IV3AOL**. Just few contacts on spare time. My station: Yaesu FT950 barefoot + homebrew keyer + begali simplex + marine ATU and longwire over a 10 meter fishing rod. Hpe cu agn on test! 73 de Leo....**IW5EIJ**. Agree, also feeling the comments of other participants, that the propagation was poor for this great contest, probably for the renewed solar activity. In the last year, i got a similar score with less hours and QSOs. This year, thankfully free of commitments, i could use the last round operation, but struggling a lot to even the score. The antenna, a sort of 3 half loops grounded, installed for the occasion in two afternoons before the contest, it worked fine, allowing me to go into raging pile-up with the usual 150 watts from my tested TS 950 SD. Member for always this mythical contest. Goodbye by Claudio **IZ3ALF**....**IZ3ALF**. I enjoyed the contest.Tnx all....**JA1FGB**. I enjoyed the contest....**JA1PTJ**. Tks for the nice contest....**JA1TMG**. Dear contest fan. We have applied to this contest again this year also. Condition may be that was somewhat bad. However, we were able to break our record last year. The contest was always very interesting. Let's meet in a contest again! Good-bye, 73....**JA1YPA**. QRP IC700M\_5Watt, Vertical\_15mH....**JA4GNK**. I enjoyed the contest....**JA4OPW**. I enjoyed the contest....**JA6BWH**. I enjoyed the contest....**JA6FFK**. I enjoyed the contest....**JA6VQA**. Transceiver: K2, Power: 5 W, Antenna: Long wire....**JE1ILP**. I participated to a single-op lowpower. I was using my antenna only 4m length Micro Vert antenna on my condominium's balcony and using K3 bearfoot! The

condition was poor, But QRM decreased compared with last year this year. But the condition JA between EU was good in EU sunset time. The condition between JA and U.S.A. was very poor in this year. I QSO with 98 stations in this year, 140 stations in last year. K3 transceiver is the best for 160m band....**JE1SPY**. I enjoyed the contest....**JG1LFR**. Despite antenna/amplifier glitches, I enjoyed the contest. TNX to all. Kuni....**JH1QDB**. S&P only. 1kW + Double-L (bent vertical dipole) antenna. <http://www.jh3pr.com>....**JH3PRR**. Great Contest. Rest;2250-0910,2230-0830 Total 20h20m....**JH4UYB**. Power is 50W....**JN1BBO**. I enjoyed the contest by hand made SUPER RAD ANT. 12mH....**JR6HMJ**. just parttime operation. Inverted L with radials and 100 watts....**KP2BH**. Conditions not very good Very few DX stns heard Still enjoyed the contest....**LA2AB**. CLUB POINTS : 50% to Bavarian Contest Club 50% to Rhein Ruhr DX Association....**LX7I**. RIG(s): ICOM IC-751; ANTENNA(s): INV.V 160m....**LY2OM**. RIG(s): TS-590; ANTENNA(s): Windom....**LY2SA**. In my first CQ-160-CW thought to do only any QSO from garage without heating. In start temperature inside was "-10" degr. in Celsius. QSO by QSO I was involved to this fantastic contest and fight with this "Arctic cold" about 18-19 hours...When appears problems with my notebook and logging Software work I fixed inside "-19"degr. in Celsius and and danger problems with myself...Only my fantastic radio Kenwood TS-590 works without problem and time from time lets me to heat my hands. I stopped contesting, but I hope You all CUAGN next year in CQ-160-CW 2013! 73! LY5Z....**LY5Z**. FT-1000MP + Low dipole....**LY9A**. I only managed to get the Dipole up late Sunday afternoon. I was pleased to be able to give away some points. Good fun, I will be better prepared next year....**M3C**. No repeat of the amazing conditions of the last two years. Nothing further west than NM and UT. The wire needs supplementing to cover E and S - so many country mults called and lost. Nevertheless enjoyed as always. Thanks to all who called or responded. 73 Peter....**M50**. Aloha, My rig: Yeasu 857D with N8XJK Booster Regulator on 12 volt battery with photovoltaic solar charger. Antenna is 160 meter full wave loop about 650 feet from shoreline about 7 miles east of Kalaplana, Hawaii. Conditions seemed better on Saturday night since there was less static....**NH6AH**. just a short operation from the home QTH, no time to build up the contest station still achieved my goal to give 100.000 points to BCC....**OE2S**. After accidentally deleting the log of OH5TS on Saturday evening after about 340 QSO's I continued with my second callsign on Sunday. It would have been impossible to use OH5TS callsign and manage the dupes etc....**OH1TW**. I accidentally deleted my log at around 23 UTC on Saturday. There was about 340 QSOs. Thereafter I worked these three stations. I continued the contest with OH1TW callsign on Sunday evening. A separate log has been sent for it....**OH5TS**. RIG(s): IC706mk2; ANTENNA(s): LW....**OK1DEK**. DX TS850, ANT G5RV,....**OK1FMX**. Kenwood TS570D 100Watt tx ANT T 2x38m ,Double Zeppelin 2x36m,RX ant Loop 340m 1m UP....**OK1HFP**. THANKS FOR THE NICE CONTEST TRX TS430-80W ANT-G5RV....**OK1KZ**. ICOM IC-7000, GP HyGAIN HT-18 TOWER....**OK1LO**. RIG(s): FT 897 -; ANTENNA(s): delta de v8....**OK1MZB**. FT950, 27m LW 6m UP, UCXlog, only latest

timepiece....**OK1UKV**. Elecraft K2 5w; Inverted Vee....**OK1WF**.  
IC746, Inv. L ant....**OK2BFN**. CQ WW 160M contest 2012-01-27 22:00  
UTC - 2012-01-29 22:00 UTC Transceiver TS590S ( Power 100W )  
Antenna FD6....**OK2BHL**. FT-897, ANT. LW 30M....**OK2BME**. RIG(s):  
FT-950/5 Watts; ANTENNA(s): vertical/ inv.vee....**OK2NA**. RIG(s):  
IC 756; ANTENNA(s): delta loop, invert L, half sq....**OK2PTS**. CQ  
WW 160M contest 2012-01-27 22:00 UTC - 2012-01-29 22:00 UTC  
Transceiver TS2000 ( Power 100W ) Antenna FD6....**OK2RDI**. PAUSE 1:  
0800 - 1305;PAUSE 2: 1026 - 1428....**OK5W**. Even the bad conditions  
we did a great result for us. Equipment used: TS590S+FT1000MP,  
Mikrokeyer2 + 1500W 37m crane supported vertical + 60 radials 5  
beverages (to USA 2-phased) 300m long Pictures here [http://  
ok5z.rajce.idnes.cz/CQ\\_WW\\_160M\\_CW\\_2012/](http://ok5z.rajce.idnes.cz/CQ_WW_160M_CW_2012/) [http://  
www.ok5z.cz/](http://www.ok5z.cz/)....**OK5Z**. Trx K3 5W, ant. LW....**OK7CM**. Mentally gave  
up already on Saturday evening due to terrible conditions and  
unusually higher SWR on the antenna. After some sleep I spend  
some time on the band also during Sunday morning, but without any  
further motivation. In the daylight I have recognized the  
horizontal wire forming the inv L is not tightened in the air,  
but laying on the trees underneath. No QRV Sunday evening at  
all....**OLOW**. -....**OM2DT**. TRX: YAESU FT-857D PWR 100 WATTS ANT: 41  
m LW....**OM4DN**. Transceiver YAESU FT-897 (Power 100 Watts) Antenna  
INVERT L....**OM7OM**. I declare that the contest rules and the rules  
in my country have been observed during the contest. Equipment  
Yaesu FT2000 + Acom 1000 + 2 X 16m centerfeed antenna....**OSOS**.  
Dropped by and stayed for about 9 hours :o) Nice test on TOP-  
Band. Tnx OSO to all stations. Some very weak signals on my poor  
antenna. Best 73 de Henning....**OU2I**. RiG: Elecraft K3, 100W ;  
ANT: 80M vertical loop....**OZ3SM**. Still far too many stations with  
heavy (deliberate) click....**OZ7YY**. lousy condx, only indoor  
longwire so made only some contest for the Dutch activity contest  
and tried more in the french contest....**PA0FAW**. RIG: ELECRAFT K3  
OUTPUT 5 WATTS. ANTENNA: END FED WIRE, 80 METERS LONG....**PAORBO**.  
TX: FTdx5000d. Linear Amplifier: Acom 2000A. Antenna 1: 400 feet  
horizontal DeltaLoop Antenna 2: 60 feet vertical  
GroundPlane....**PA1HR**. An attempt to build a modest 160m contest  
station from scratch for the CQ160 CW contest. RX-antennas: two  
200m long bidirectional Beverages NW/SE and NE/SW. TX-antenna  
(Saturday-Sunday): T-antenna, vert. part 17m, horiz. parts 18.6m  
with 10 x 40m and 10 x 25m ridials. Due to unfortunate TX-antenna  
problems on Friday-Saturday I consider the first stint as  
'discarded'. The second stint was more promising and quite a few  
US-stations were worked, although they were not as strong as in  
2009 or 2010. Many thanks to Richard PA7FA and Marion (his XYL)  
for their hospitality, support and caring....**PA3FYM**. TRX: TenTec  
ORION+bandscope:Perseus Contest tools: Microham Mikrokeyer II,  
WinTest This year I wanted to participate from home; a typical  
small city lot operation. In a garden of 6x7mtrs there's not much  
space for many, let alone, long radials. But I managed to get a  
few very short and two long ones along both adjacent properties.  
TX antenna is a 30mtr long 0.2mm dia teflon coated wire, about  
24mtrs up in a tree. RX antennas, also in the backyard, consist  
of a)short 160m tuned vertical b)2x 7mtrs low dipole+16:1 xformer

and c)rotating Wellbrook loop @1.5mtr AGL....**PA5MW**. Just for fun some QSOs....**PG2AA**. "Can't Sleep, Clowns Will Eat Me" Regular contesting partner W8WTS could not make the trip for this one, so I was allowed the opportunity of a Single-op effort at the PJ2T station. This is a relatively rare opportunity, as we usually have many people looking for a slot on contest teams. This is the second time I've been able to do this in the CQWW 160 CW Contest, the first being in 2006. This is my 20th visit to Signal Point PJ2T since 2002, the 6th for this contest. I noted lots of activity from South America, with many HK and LU stations: GREAT! I worked only one YV, very unusual....**PJ2T**. TNX 73!....**R1DM**. 73....**R2SA**. TNX 73....**R3DX**. TNX FER CONTEST....**R3ZV**. P.O.Box 6,Shebekino,309290,Russia....**R3ZZ**. FT-2000 IV....**R4WT**. 73! GL!....**R7AW**. RIG: IC-756PRO3; ANTENNA: DELTA LOOP....**R9UG**. Best73!....**RAOLL**. STN: Yaesu FT-817ND 5 W, ANT- L.W, 83M....**RA2FB**. 73!....**RA3EA**. 73....**RA3XCZ**. 73!....**RA3XEU**. 73!....**RA6XB**. GOOD CONTEST....**RK4HYT**. Thanks again to OH5DA for his superb technical support....**RL3A**. LP....**RM4HW**. TNX for FB contest!....**RN1CW**. PWR 200W ANT ROMB-80m, My best 73!de Igor....**RN2FQ**. 73!....**RU4FA**. TNX,73!....**RU9WZ**. FT-920, 1 kw, GP....**RV4CT**. Icom 7800 power 5 watts, Ant LW 40m....**RW3AI**. I declare that this station was operated strictly in accordance with the rules and spirit of the Contest, and I agree that the decision of the Contest Committee shall be final in all cases of dispute....**RZ3AUL**. TS-590 + Dipole 15m high....**RZ3VA**. No antenna for 160, try to give some points, no efective power out of antenna....**S51DX**. S52OP (@ S51V) ops: S51V, S59A, S52OP 2X K3, TS-590S + ACOM 2000 S58A INTERLOCK TX ANT: 4SQ RX ANT: 2X BEVERAGE (JA, USA)....**S52OP**. It is amazing feeling working NA with few Watts and Balloon lifted 1/4 full size Vertical on Topband....**S53AR**. FT1000MP, TL922,....**S57C**. With 100W (FT-897D) and G3YCC (20m helix + 20m wire)7m high only, CQ WW 160 CW is a great challenge.I heard quite a lot of stations that I could not WKD them.Need some more PWR for RX/TX balance. I'm actually pretty happy with the result. Most importantly, I had a lot of fun !!....**S57EA**. RIG : K3 -- ANT : Dipol -- PWR : 1 KW....**SE2I**. Working with half sloper and 100W....**SM5ENX**. RIG: TS480SAT +MFJ989C+Vertical 43ft broadband....**SN50**. Hard condx, heard a lot of dx station but copied just few....**S09G**. Plik utworzony programem "Cabrillo Generator v.2.1.9" - (c) SP7DQR....**SP3CGK**. Plik utworzony programem "Cabrillo Generator v.2.1.9" - (c) SP7DQR....**SP3EPG**. Alinco DX70TH - 100W TX Antenna - Inverted L + 36 Radials 24,5m each RX Antenna - Beverages: 114m NW, Reversible 176m W-E Laptop Dell....**SP5CJY**. TRX pwr 5 W,ant delta loop 84 m since1957 sp2lv, from 1997 sp6lv, age 80....**SP6LV**. trx IC738 80w out. ant LW 84m....**SP9EMI**. Fb contest....**SP9JZT**. Vertical antenna 15 m toploaded Auto tuner 5M2 by SV1NL Elecraft k2/100....**SV1GRD**. tnx 73!....**UA0OD**. RIG: FT-817 POWER W; ANTENNA: INVERTED VEE....**UA0SBQ**. ICOM-718,ANT-DELTA 160 METRS....**UA1CUR**. 73!....**UA3H**. TNX 73....**UA4ANZ**. 73!....**UA4CCG**. 73 TNX....**UA4HIP**. IC-760Pro 100w Ant LW 42m....**UA6AX**. 73! GL!....**UA6CC**. RUSSIA 614094 PERM UL.MILTCHAKOVA 37-55....**UA9FM**. RIG: TS-590; ANTENNA: Delta....**UA9XF**. RIG(s): UA1FA 5 WATTS; ANTENNA(s): DELTA

85M....**UR4IGP**. 73....**UR4IZ**. IC-775DXII....**UR5E**. RIG(s): TS 870S;  
 ANTENNA(s): Cushkraft A3S. Dipole. GP....**UR5EPG**. 73! Icom  
 IC-718,abt 100wt,Window....**UR5EPV**. transceiver IC-706mk2 80wt  
 antenna LW....**US2IY**. TNX GOOD CONTEST!....**US5ELM**. RIG(s):  
 IC-760PRO; ANTENNA(s): 160,80m-GP....**UT5ECZ**. RIG: ts850s;  
 ANTENNA: Inv.V Delta....**UT7VR**. ft-857, 5W, ant dipole....**UT8UL**.  
 IC-746 PA 80 W LW 54 M LONG....**UU4JO**. FT-107m Delta....**UX1CW**.  
 Bucha, P.Box 1011, Kievskaya obl., 08292, UKRAINA....**UX7U**.  
 RIG(s): FT897D; ANTENNA(s): In.V....**UX8IX**. HOLY SMOKE! How can 5  
 watts and a sloper work europe, midwest and texas from VE1 land?  
 It's amazing what can be done with sunspots. 5 watts and wire.  
 Had a ball! Thanks for the patient ops who struggled to haer my  
 pee wee signal....**VA1MM**. K2, 5w, 1/4-wave wire....**VA3RKM**. Thank  
 you for this great contest FT-950 + AL-811H + AT2K + Digi Keyer  
 II Ant: 160m dipole....**VE2EZD**. Late start 1st night Rx 4 sq  
 worked best 2nd night old beverage array by a mile then Rx 4  
 square came back esp for KL7 MISSED ID....**VE3PN**. Good contest.  
 Not as good as some other years, but much better than other bad  
 years. Conditions to USA were not great, very spotty and good one  
 day, then not good the next day. Thanks for hearing my weak  
 signal from "down-under", 73's all....**VK3IO**. Only 150 watts and  
 Inverted-L didn't have much luck. See you next year....**VK3TDX**.  
 Inverted Vee at 100ft, beverages for EU and US....**VK6LW**. MAINLY  
 S/P TO AVOID DUPES IN THE DXPEDITION LOG AND TO PLEASE AND  
 SURPRISE MANY! NOISY BAND AND POOR CONDX....**VP6T**. noisy location  
 and a high tension line abt 100m away . glad that I was heard  
 with my 12m vertical top loaded wire and 4 X 10m radials !! 70w  
 RF !! Noise for free at s9+10 min 73 to all....**VU2BGS**. Off: 1)  
 1130-2000 2) 0655-0805 3) 1140-2020 - 18h 20m On: 29 hours 40  
 mins....**VY2ZM**. First night west coast was s0 and only 7 contacts.  
 Condx were not good all weekend....**WL7E**. 73! RIG: FT897D, 100W,  
 ANT DIPOL....**YO2GL**. 73 and thanks for all replays!....**YO3JW**. I  
 have big noise on my QRA, S9+5db !! But was nice !  
 73s !....**YO4SI**. My cond. FT990 - PA:Russian military R118-BM3  
 abt.600 w out. Ant:Inv L RX ant: EWE. Good and fine contest, the  
 propagation good....**YR5Z**. IC-745, Low dipole....**YT2AAA**. Managed  
 to get a few hours in. Thanks to all concerned in running the  
 contest....**ZC4LI**.

The perfect storm for a low score: having to work contest  
 weekend, and a neighbor who loves to watch his plasma TV most of  
 the night. But I had fun getting those 22 contacts anyway! See  
 you next year! - 73, Mark AA0CX....**AA0CX**. Had a good time, first  
 time with new antenna, noisy band but overall OK....**AA3CS**.  
 TS-590S....**AA5VU**. WHO SAYS YOU CAN'T HAVE FUN ON 160 WHEN YOU'RE  
 LIMITED TO NOTHING TALLER THAN 30'? I USED A 7' HELICALLY WOUND  
 VERTICAL SITTING ATOP A 13' MAST, WITH JUST 2 SHORT RADIALS, AND  
 HAD A GREAT TIME....**ABOS**. Amazing what's possible with an 80M  
 dipole and a tuner. Wait til next year!....**AE1T**. Portugal?? No  
 tell me the truth,,, grp ??....**KOCD**. Thanks to Jim, W4RX, for use  
 of station. Few hours of casual operation for PVRC. Apologize for

sporadic alligator performance - had RX antenna problems. First assisted and first ever CW QSO using spotting!....**KODQ**. Enjoyed using SD for logging....**K1ESE**. This file generated by home brew logging program written by K1PDY  
01234567890123456789012345678901234567890123456789012345678901234567890123456789....**K1PDY**. Always nice to hand out Mississippi :-))....**K2FF**. "Great band conditions for QRP!"....**K3TW**. lost half my long from computer crash bummer....**K3XZ**. K4OH at K4FT....**K4OH**. Conditions were good friday night and great saturday night with better propagation with low noise levels both nights which made for a very enjoyable contest , thanks to all 73 Riley....**K4ORD**. This was my first 160M effort. I put up my Butternut HF2V the day of the contest. I had used it for three years at the mission in Haiti as HH4/K4QD and it was sure a lot easier to make 160M contacts from there. I had a lot of fun and am happy with my results from a deed restricted development and only about six hours of operating time. Rig: IC-756 Pro with ALS-600 at about 400W Antenna: Butternut HF2V with 160M coil....**K4QD**. Band was very quiet and signals crisp while I was on....**K4UWH**. FIRST TIME IN THIS CONTEST. LOTS OF GOOD OPERATORS....**K5ME**. K3 100w (~6w ERP) 7' tall Hi-Q 6/160 @ 20' 16 radials ea. 13' long....**K5OAI**. KW....**K6TA**. This wasn't planned to be a QRP effort, but K3 100w PA smoked attempting to work HK0NA on RTTY the night before....**K6UM**. 100% S&P - fun!....**K7FL**. Great turn out, thanks to the great ops that make an effort to work us weak signal guys....**K7JAN**. Finally, an inverted L for 160, although half way through the contest. Great working K9AY while listening with my K9AY RX loops. Now I have to kill the remaining noise....**K8TE**. conditions were good but not like 2009. Rig: TenTec Orion, Inv. L, 3 beverages. My favorite contest of them all. I think this is my 50th year to work it....**K9FO**. Orion power board broke - only 40 watts of drive & activity way down this year....**K9WWT**. Good contest. The only gripe I have is that people sitting and totally using a computer won't slow down when you ask them to. Bad operating skills!....**KB8NUF**. Conditions on 160 were better than usual. Already looking forward to next year....**KB8TYJ**. Broken finger doesn't help sending code....**KD3HN**. Thanks again to John Evans, N3HBX, for the use of his great station at "the farm." The new beverages seem to be working very well. VP6T and T32XX called ME for new ones. :-)) I also worked HK0NA - it's great of them to be on and work us in the contest. No Alaska, No JA. Friday night I only had 5 European QSO's: EA, CT, CU, and 5B. Saturday was much better....**KD4D**. Good test of my 160 antenna. Its good stateside, but not much outside US/VE. Its fun to operate top band!....**KD9MS**. Looking for KL7 as my last state on Top Band....NL....**KG9Z**. Will submit checklog due to ant failure, and wanting only station logged to avoid a "unique." called 40-50 stations with no joy....**KM9M**. Was able to stay up past midnight. Had a ball....**KN4Y**. checklog....**NODQS**. An enjoyable 150m contest with good conditions and low noise at my QTH. For a station built for NVIS working some DX is always satisfying. Thanks to all the ops for digging me out!....**NONB**. Band conditions were good. lots of activity....**NOUY**. Didn't get

to spend as much time in the chair as I had wanted. Saturday night was much better than Friday as I was actually called by EU stations on Saturday, that was a treat. Didn't manage to work HK0NA (already worked on 160m earlier.. hope it shows up in the logs). Managed to work CE1/K7CA for a new one on 160M. Thanks to DR1A for calling and providing some operating inspiration!....**N1SZ**. 1st Entry for CQ 160.. I should have done this contest 20 yrs ago.. I will be back for every one I possibly can, was the most fun I've had in a VERY long time on air....**N2JDQ**. Got HK0NA at 1032Z on Sunday which was cool. Happy to see him up during the contest. IC-756Pro3 AL-811H Inverted L WriteLog....**N3BM**. My lowest claimed score in the last 7 years of doing CQ WW 160 CW from this QTH with the same antenna: 133.4 K this year vs my previous low of 154.3 K in 2007, and between 174.6 K and 237.5 K in the other 5 years. Equipment, operator, and hours in the chair were the about same in all years. The low score this year was due entirely to poor propagation to EU the first night. I made 8 DX QSOs the first night, only ONE in EU, and 7 DX mults. The second night was much better to EU, more typical: 26 EU QSOs and 15 EU mults, but there was simply no way to make up for that very poor first night. U.S. results were fine both nights: after the first night I was short only 6 of the contiguous states (LA and the Pacific Northwest), and found 4 of those the second night, missing only WY and ID. In the last 7 years I've missed between 1 and 3 of the contiguous states, so missing 2 was average for me. Also within the average range were total W/K QSOs, VE QSOs and provinces, and total QSOs. But, with 15 fewer EU countries and 3 fewer other DX mults and 80 to 250 fewer QSO points than in any of the past 7 years, the low score this year was inevitable....**N3UM**. Lots of fun as usual, band was very good ,my delta-fed tower was hot! I only work the 160 cw contests,no phone ,takes more patience than I have. Hope to always be Alabama's top QRP operator on 160 meters, thanks to AA4QU for help installing and replacing antennas each year....**N4AX**. Thanks for the FB contest. Looking forward to next years event....**N5KWN**. I just recently added a 160-meter section to my Fan Inverted Vees and had been wondering how well it would do. I hadn't planned to operate in the CQ WW but just happened to stumble across it in progress. This time I could only work it for about 5 hours but what an introduction! Thanks to all who made it a really fun event and wait till next time! 73....**N5NK**. Wondered: could I load up my 20 foot end-fed wire on 160m.? Found a way to do it, and made a few QRP contacts. Wow ... Top Band with 5W and a 20 foot wire!....**N6HI**. Finally added some radials to my shunt-fed tower, and it seemed to make a big difference. Saturday afternoon I patched together a VE3D0 loop and it certainly heard well the second night....**N6TV**. Enjoyed the fantastic literary duel between Peter and Doug, as well as the contest battle. Condx were non-existent first night to EU and too weak for LP QSO's until about 0430Z 2nd night with a big peak at 0500Z, running EU LP is fun! My score jumped about 40K during the EU opening with many USA and some Caribbean thrown in....**N8II**. Thanks to k8mk for the use of the station....**N8VW**. Thanks to Paul, NF8J for

organizing this multi op event and cajoling me into joining with my super deluxe CW contest call, N8CC for permitting us to use his great 160 M station, and ops N8CC, NF8J, K8JJC, K8KS, K8QKY, plus a very part time effort by me (N8XX). Some of my fellow contesters who have struggled with copying my usual 5 watt rig into a "cloud warmer" antenna were quite surprised to hear a loud signal signing as N8XX. Missed several Canadian provinces, but had WAS several times over. was delighted to hear some very loud QRP signals from the QRP crowd due to excellent steerable beverage array. One item of note - we had a windstorm and snowstorm in the wee hours of Saturday morning. At about 1 p.m. Saturday (fortunately when 160 M propagation was nil) there was a power failure - a power pole snapped up the road about a mile from N8CC's place. Never to be caught without backup, Jeff pulled his diesel tractor to the auxiliary 12 KW generator, hooked up the PTO, and within a half hour or so was providing the entire shack plus house from diesel powered electricity! That's true emergency preparedness! About 7 p.m. commercial power was restored, so we lost about 15 minutes powering down and rebooting everything....**N8XX**. Wish I could have operated more time than I did. I was able to get in a few consecutive hours on Saturday night/Sunday morning, but that was about it. Conditions to west seemed really good for me as I was able to work many CA stations very easily, and their sigs wer strong early Saturday evening. Managed to work 6 DX, two of them for 10 pointers, ED1R and CS2C at their sunrise Sunday morning. I am a low power station at 100 watts, and antenna challanged with a short lazy sloping inverted L, 35' vertical along my 35' tower, and the rest of the 105' slopes and zig zags around my back yard. So conditions must have been pretty good Saturday night, Sunday Morning for my signal to be heard in EU, and for me to hear EU as loud as I did. Most of my log is filled with 2 pointers, but I did manage 19 five pointers 15 of those from Canada, and the other four from XE, KV4, V31, and C6A. Don't know how many I missed or could not hear due to the US operators working one another in the 1.830 to 1,835 DX window. I guess that window is no longer applicable during contests? Had lots of fun. 73 Gene, N9TF....**N9TF**. - Just a couple hours of masochism using 5 watts to a low 80M dipole. Thanks for the good ears!....**NDOC**. HIGHEST SCORE WITH INDOOR 8th WAVE DIPOLE I GUARANTEE!....**NE2U**. 100 watts output....**NF5Y**. 100 Watts Inverted L....**NM1A**. Once again trying to work 160 with an 80 meter doublet. This time I tied the ends of the window line together and operated it as a wire antenna, and it seemed to work. Plan was to run QRP, which I did for for the first 24 contacts. On Sunday morning I forgot to reset the power to 5 watts, so had to finish in the LOW power category. Alas!....**NO2D**. Good runs at times but also malfunctiong computer and freshly installed 3 el rx array that turned out to have one broken element....**NO9E**. Operating 160 meters with 5 watts and a straight key can be a lot of fun!!!....**NY00**. Nice Saturday opening. Tks to CQ + N2NT....**NY4A**. Since I'm not a big conteste, I slept right through the alarm Sunday! When I did get up, the band was actually still open and I made a few more contacts!....**WOEB**.

Someone must have had a call a lot like mine because I got several "B4's"....**WOGN**. Operated from the Oro Valley Police Substation EOC....**WOHF**. It amazes me that a station that is 30 over 9 can't hear my 5W and AA1K copies me on the first call when he is S7! I wish CQ would create a 80 meter version of the WW160 contest....**WONV**. . . . .**WOTY**. This is submitted as a check log only so that these 5 get full credit. Thanks....**WOYSE**. Rig was FTdx5000 (150w) and very low inverted L. Mostly S & P until an hour or so before the end when I realized that I couldn't find any new CQers. I actually worked KH6LC with my poor antenna. Fancy that. They get all the credit for hearing me. This is my 4th or 5th year on 160M and I am becoming addicted to it....**W1END**. On Barnagat Bay near West Creek, NJ, 20 miles north of Atlantic City. Run Position: K3 for TX, a second K3 RX only, Alpha 99, 1.5 KW Mult. Position: K3 ACOM 2S1 Interlock Switch. All K3s are second receiver equipped. Contest Software: Win-Test K3WW cluster node and RBN Internet Connections TX Antennas: 2 element Vertical Wire Beams NE and West; Inverted L RX Antennas: Beverages NE 900' (2el phased array), East/West 560' (unterm), South/North 465' (unterm), SW 560', West 560', and NW 560'; Remote 20' Vertical located 2500' from TX array for diversity reception PREPARATIONS - TX Arrays, Short Vertical, and Beverages For those of you who might not know, we've been doing winter FD style 160M contest operations for over two decades at locations on the NJ shoreline. The main TX array is typically installed in late October or early November and taken down in April or early May to avoid potential damage during hurricane season. Our current location is directly on the NJ shoreline and subject to extreme wind conditions throughout the year. This 160 season we had no fewer than five work parties which accumulated over 100 manhours of effort by team members. To be consistently competitive on 160M requires serious players make a commitment to install, maintain, and tune multiple BIG antennas, and constantly keep an eye out for changes that might make meaningful improvement to station performance. This season all of our efforts seemed to tweak overall station performance to a level not seen in years past. It seems on 160M you earn back what you sow. Somewhat by chance last August, while doing some computer modeling, we discovered that raising the main TX antenna 60 feet offered a potential two 2 db gain improvement toward EU (our three element main TX antenna is located over perfect ground, a tidal salt marsh). Since this would be less expensive than purchasing a five KW linear (just kidding) we made plans to implement this upgrade in the fall. A very heavy duty aluminum yardarm with large stainless steel pulleys (fabricated by K4ZA) was installed at 245 feet (by W2GD), two new 500 foot 3/8 inch dia. braided nylon pull ropes were acquired and installed (Ebay has some great rope bargains on large spools) and the four anchors used to secure the elements in the marshland were relocated. All in all, three work parties accumulating nearly 60 manhours were expended to implement this change. The improvement in our relative signal strength seemed obvious during the ARRL 160 and has been repeatedly confirmed by RBN comparison reports over all three contest weekend. Needless

to say we are very pleased with the results. Over the past nine years permanent beverage antennas of various lengths and configurations have been installed at our current station location. But over time we've found various deficiencies, most notably they were not always strung in the intended direction and were far from straight. Last season we made significant remedial changes to the NW and NE beverages. This season we relocated the West beverage to a location further away from the TX antennas and by using GPS technology, this antenna is now nearly straight on a true west bearing (thick woodlands make visual siting impossible). Likewise, last week we straightened the the SW beverage which must have been erected by a drunken sailor, it had some serious zigs and zags to the West and Northwest at its far end. These are typical of incremental changes we continue to make each year to improve station performance. It just takes time. The most pressing problem this season was failure of our remote short vertical located 2500 feet away and hidden deep in the woods. This fall we relocated the antenna to a more secluded location even further from potential power line interference. But apparently the local critter population didn't like this move and it was deaf for both the ARRL 160 and Stew events. Fortunately just last Friday afternoon the sharp eyes of Bob, W2ARP found where the feedline had been nearly severed by a small animal. A field splice was made and normal performance was completely restored! We are still amazed how well this short vertical hears. During the CQ160 contest weekend it was used as our diversity antenna on the K3s. N200 had been asking the team for several years to reinstall an east beverage (the original east beverage was abandoned five years ago due to disrepair and its location in the near field of the TX array). On Friday we removed the termination resistor on the old west beverage (left in place when we strung out the new west beverage back in December) and recycle this 560' wire as a bi-directional east/west antenna. It turned out to be a timely move since this was the only ariel that could heard 5N7M last weekend. THE TEAM Maintaining adequate staffing for a three chair station is never easy. Dave, N3RD a fellow FRCer joined us again this year but just for Friday night. Brooke, N2BA, another longtime FRCer, made the 100 mile trip down the Garden State Parkway Saturday afternoon to find out what EU sounds like on real RX antennas. And the regulars were there too. W2CG and N200 worked their station and network setup magic this year. W1GD, K2TW, W2ARP and I did most of the outdoor prep work this time, with some support from K2XT and N2HM earlier in the week. N2HM stood in for W20B to carry us through Saturday morning. W2RQ gave us four hours of operating relief the second night. Our 160 contests are as much a social events as they are serious competitions. Interaction of the participants is a big part of the experience and fun. CONTEST RECAP One of the big attractions of CQ160 is the close competition between participating mutli-op teams and the unpredictability of 160M conditions. Going into the event its impossible to accurately handicap who will win. I suppose this is the reason many of us are so attracted to top band and come back year after year to be

part of the fray. And rivalries have been an important part of the competition for decades. Unlike recent years, finding and holding a run frequency was never very difficult last weekend. Poor conditions and the obvious dropoff in activity were self-evident. The band actually sounded 'dead' at the start of the contest, we wondered if the antennas were even connected it was so quiet and nobody was trying to constantly steal our run frequency. But surprisingly, a 124Q first hour, followed by 121, 122 and 101 hours gave us our best start in years, but only 19 ten point stations called during the first four hours compared to 43 last year. The ten pointer drought unfortunately would be the trend all weekend. Listening with a vertical on the 2nd receiver in diversity mode helped us catch more W/VE stations calling off the back of the NE 2 ele phased beverage array which exhibits a pronounced "cone of silence" to our west. The band being so quiet supported sustained high rates, not having to deal with any atmospheric noise at all (of course this was the result of ongoing solar activity and somewhat severe absorption which would limit EU volume, the key to winning this event). After the first six hours our rate dropped like a stone to half that experienced in 2011. And worse, ten point production was way way down, accounting for a significant portion of the rate drop. We aggressively worked our 2nd station and managed to maintain a very slim lead over the K1LZ team at sunrise. But the overall contact total the first night was 25% (300 qsos) lower than 2011. We'd later learn the W8JI team was the clear leader after the first 15 hours by virtue of higher rates and mults from NA and some OC/JA contacts they made at their SR. We never heard a ZL or JA all weekend. The turning point in the contest came between 0000 and 0400 the second night. Congratulations to the K1LZ team for decisively opening up an unbeatable 140K lead by working more EU ten pointers (congratulations also go to Peter, K3ZM for his similar rate to EU during this period). We knew we were playing for 2nd place the rest of the way since it appeared W8JI was not being heard in EU according to RBN reports. We tried going higher up in the band for better EU "visibility" but nothing seemed to help our rate to EU. Two hours after local sunrise the Team decided to cease operation and head out for our traditional group breakfast after sunrise each morning. There was still some interesting DX to work both nights, with HZ, HK0, VP6, 5N7, T32 and several VK6s making it into our log. But the absorption dampened communications with anyone to our north.....no KL7, VE7 was a struggle, not to mention Northern EU (none heard the first night and just a handful the second night). When VY2ZM's country total is below 70, you know the sun is playing havoc. We felt lucky conditions improved somewhat the second night, to northern and eastern EU in particular, but just not well enough for us to remain competitive. We ended up with just 359 ten pointers (vs. 497 in 2011 - a huge percentage decline) and about 80 five pointers (down from 102 last year). The RBN network was again effective for us identifying multiplier opportunities, some were visible for just minutes. It was great to see activity from South America nearly double this year, a significant increase - we've

never worked so many PY and LU stations before, and it was good to see CX, CE, HK, OA and YV active as well (but P4 was a notable no show this time). Congratulations to K8ND at PJ2T for his big score and new record. We didn't catch the A9, 5H and probably a few other mults that head us and called. Let's hope for better conditions next year. We sincerely thank all operators worldwide who made their own extraordinary effort to get on the air for the benefit of other participants. Thanks! As always, we thank the owners of WYRS-FM for hosting our 160M activities again this year and the members of the SJDXA who provide project support and activate the station using their club call N2CW during the CQ160 PH (you can work them next month). CU again next season. 73, John Crovelli, W2GD - for THE 160 TEAM....**W2GD**. Last week my first ever 160 meter antenna was completed with the help of W3MC. The design is by W3ZZ and has never been published to my knowledge. I was pleased with the results given the short time I was able to devote to the contest. I could not operate during prime hours late Saturday night or early Sunday morning so I missed some states but I worked 13 countries, 4 provinces and all the lower 48 states except for ND, SD, OK, OR, WA, and WY. I thought that was OK for my first try at 160....**W2GPS**. Thanks to Eric for the use of his station. I only had Friday night to operate, and unfortunately DX was sparse that night. Saturday would have been better. But rates were good, and the DC mult is fun to run with. Unfortunately, I missed the DC mult!....**W3DQ**. Max power = 100 into G5RV; never heard Eu; need better ant....**W3SM**. Great Contest maybe my favorite....**W4DLZ**. Great Contest!....**W4IT**. Not much DX for me, but fun anyway....**W4KAZ**. Good conditions and fun as usual....**W4RYW**. Always wondered if I could work anybody QRP on 160m, so finally gave it a try for part of the contest and found the answer is ---- YES!! It is a wonderous thing and a real hoot!!....**W4UAL**. Conditions just were not there this year to work Europe. That killed a lot of the fun....**W6XI**. Just played around for a few hours both nights. Bad antenna = very little DX, but I was gratified to have most stations come right back when I called. The new amp was definitely a good investment. Highlight of the operation was catching HK0NA on Saturday night for a new one on 160....**W8FN**. For a non cw operator, had a great time!....**W8KNO**. Put your comments here. Use multiple lines if needed....**WB8MRU**. Condx to EU way down but working two new countries was a bonus!....**WD5COV**. Could only spend a few hours. Inverted L @ 40 ft and 5 watts. Thanks guys for digging me out....**WG8Y**. On Friday and into Saturday morning, we found that conditions on 160 were quite poor in South Florida. Europe was a challenge to say the least and the effects of the recent CME was clearly evident. Despite this, we did manage to work lots of stations and came very close to having WAS in a single evening. Saturday through Sunday we finally started working Europe consistently, following the sun as it rose there and taking full advantage of grey-line propagation. A very special thank you goes out to Carlos - N4IS for the use of his station and his two Waller Flag receive antennas. The performance of these antennas is simply amazing and proves that you can get exceptional front

to back performance and rotatable directivity on 160m with a relatively small antenna. Unlike other popular low-band receive antennas, the Waller Flag does not require acres of land and therefore is perfectly suited for those who live in the city, like Carlos. On many occasions during the contest, we found ourselves successfully working DX just a few hertz away from a NA station's run frequency, which apparently no one else could hear! Also noteworthy, is the Waller Flag's resistance to QRN. 160m is known for QRN, especially in an urban environment, but not at Carlos's QTH. This is due not just to the Waller Flags, but also a very sophisticated receive system employing techniques to reduce noise. The combination of the quiet Waller Flag antennas and the noise reduction techniques result an effective and pleasurable top band experience. Admittedly, the amount of engineering Carlos has put into his station and antenna systems is staggering but shows what's possible on 160m with hard work. For more information on the Waller Flag antenna, visit Carlos' website at [www.n4is.com](http://www.n4is.com). Finally, we would be negligent if we failed to recognize Carlos' wife Lucy, who insisted on cooking breakfast and dinner for us! Thank you, Lucy! In the end, we ended up with 800 Qs, 57 counties, 49 US states (never got AK) and 6 VE provinces - not bad for a bunch of amateur contesters!....**WJ4N**. Few Q's from home when not at K0TV....**WO1N**. Playing around is fun....**WR2G**. Work Limited my Time but it was all FUN !....**WU6W**. First entry from this club. Lots of fun at the "Barn"....**WW8OH**.