
2010 CQ WW 160 Meter Contest Expanded Results – QRM

CW

All QSOs worked by 5 watts output. Rig K3, antenna dipole. QTH Sanmu-city Chiba-pref. portable. . . . **7K1CPT**. From Muskoe island Loc. JO99BA EU-084. . . . **8S0W**. I worked with 25W power in this contest. . . . **9A2BW**. It was fun being fresh meat for a few hours on Saturday. . . . **AA5B**. I operated from Newcastle, Delaware with an IC-703 and 1/4-wave vertical. . . . **AE3J**. Worked all New Mexico! . . . **AE5OV**. Cond were pretty good (albeit noisy at times). I had fun, and I wish I hadn't had to work 60 hours during the week, and 9 hours on Saturday. . . . **AF9J**. First time ever on 160 meters. Used an Inverted-L with only 25 feet for the vertical sector of the radiator. Used three elevated radials (one 1/4 wave, others shorter) and 100 watts. Built the antenna on the day of the contest! Postage-stamp-size lot near Clearwater, FL. 137 QSOs, 40 States, 10 Countries. Good fun. . . . **AI2S**. Great Fun! . . . **AJ4CU**. AM3A is a special contest callsign. Operator EA3FHP. Total 1 QSO. . . . **AM3A**. Went with High Power although there was not much to be gained (pun intended) by running the amp since the legal limit in the Bahamas is only 250 Watts. Rig was K3 and AL-811H, antenna was an Inverted-L with 90 ft vertical and no separate receive antenna. Still managed four KH6's and a ZL3. Antenna fell down at 4:30 Sunday morning ending the contest for me with 26 hours op time. . . . **C6AKQ**. Great contest. I had 2 computers crash a total of 7 times. This cost me operating time. The band was very quiet and I worked a lot of very weak sigs. . . . **CN2R**. It was a hard battle to stay awake 2 nights but I managed it! This is my best result which I ever achieved as a single operator from Madeira. . . . **CT3FN**. My participation was a trial of what can be achieved with 100 watts into a 50m wire. . . . **CU8AS**. Great fun, but PA broke 1 hour before contest. We had to start with spare PA. 2 hours later Mr. Murphy went away. . . . **DF0SAX**. A very nice contest. Some of operators have big ears, really. . . . **DF3OL**. First time in over 30 years as a ham I tried 160 meters. Antenna was experimental. I liked the band condx. I will

be back for more next time. . . . **DF7JC**. Hardcore QRP test just for fun. Perhaps next year more power. . . . **DJ1AA**. Fantastic contest, most enjoyable! Note to log checkers: I removed "7/G3RM" from the log. Someone called me with that call at 2112 UTC on Saturday, but it is obviously not a valid call. I asked twice and the call was confirmed. If it matches someone else's log, I'd love to know what the real call was :-). Audio recording (of the whole contest) available. . . . **DJ1YFK**. QRP 5 Watts from FT817 via tuner Z11 to inductivity to inner conductor of 15m coaxial cable to balloon 1:6 off-center-fed dipole, 21m long, 8m high. Many thanks to the big guns who had the patience to copy my weak signal. Could get one new country. . . . **DJ3GE**. At 3:40 in the morning I had just started into the contest and the telephone rang. Kind of unusual. It was the neighbour complaining about her telephone which was constantly ringing. That was the end of my HP entry into the contest. I reduced the output to 200 watts just to stay in there and surprisingly there were still many stations out there who volunteered to copy me. I even managed to work into the US and another couple of nicities. Obviously some exceptionally well-equipped stateside owners of Beverages and excellent ops managed to pull my signal out of the mud. Thanks a lot guys! . . . **DJ3WE**. The new EWE Antenna was a great RX improvement. Next year I need an alternative plan for the night shift (or more coffee). . . . **DJ5HD**. Good condx to stateside this weekend but also many QRN. . . . **DJ6TK**. 160m contests with my Inv. Vee for 80m are always on the edge frustration. Have you ever thought about a category for "Crippled Antennas"? . . . **DK1FW**. Went all well until Sunday morning 03.00 UTC, when the transmitter of K3 stopped working. Had to take my old IC-735 out of the museum and set it up for Sunday night operation. It was a kind of masochism compared to working with the K3. But it was great fun after all! . . . **DK1II**. We were able to double my 2009 score due to better preparation, a now good working TX antenna and better understanding of this band. Hope to work you all in the SSB leg. 73s Ron, DL3BPC.

. . . **DK4A**. Used Elecraft K3 + Pa 750 W and only matched 80m dipole nearly 20m up. . . . **DK5JM**. My second CQ WW 160. Could participate only a few hrs at the end, so no K's/VE's. As usual, running wasn't a success with my 100 W and 6 m high helical vertical, but with lots of stations S&P was fun, too. 200 QSOs in 04:20 hrs are OK for me, compared to last year's 330 in 18 hrs (with non-resonant, low Window). . . . **DK8NT**. We had a lot of fun with 100 Watts and a small GP. . . . **DK8NX**. Thanks to all for participating and the organizers for taking care of this event. It was snowy and QRM over the second night here and a hard job to copy overseas signals without any proper RX-antenna. The band behaved in my opinion not bad but Elecraft K3 I was using showed certainly a big profile on the Top band. See you next year. 73 Suad, DK6XZ (E77XZ). . . . **DL0MB**. Contest was used to check CW Skimmer performance and to work EU-stations not in my 160m log. . . . **DL1AMQ**. Due to family commitments I could spend only little time for the contest. It was my very first entry into the 160m Contest, using 100 W and a very limited antenna (17m end fed long wire with ATU at the feed point). After all, I had a few QSOs with some big gun stations on East Coast USA. Thanks to all who gave me a chance to work them. . . . **DL1EAL**. Worked a few new entities with my simple setup. Enjoyed the contest. 73 + cu in SSB! . . . **DL2SWN**. I worked only some hours because QRL and my low dipole. See you next year with more time and antenna. . . . **DL7CX**. I love this contest every year. Working night, sleeping day, let some space for family activity. Everything was running well. Had a lot of fun with my vertical and LW! . . . **DL7UMK**. My first 160m CW Contest. I thought it would be easier :-). . . . **DL8RDL**. In WINT-TEST the band map needed to be extended to the extreme to cope with the host of stations within just some 50 kHz. Yet early on Saturday evening the vast majority of stations which I could hear had already been logged, which greatly reduced not just the fun but also the QSO rate. . . . **DR4T**. Very happy for my first 160 CW. See you inn next one. . . . **EA3FF**. An inter-

esting contest but could only be active a couple of hours on Friday night, the weather prevented me from mounting a new antenna for 160m, and could operate with only 80W tuning the 80m antenna. I heard very good signs and some NA and JA, hope also conditions remain so in the SSB Contest. See you soon. . . . **EC1KR**. TNX for FB contest. . . . **ER2RM**. What a pity! Heavy snow in the contest place area. . . . **EU1AZ**. Not very easy to make QSOs on this band with less than 5W and inverted L about 41 meter long at 10m asl. I am very happy to participate in this contest during the French REF contest also. Hope to participate next year!!! 73's de F8CED/QRP. . . . **F8CED**. Didn't enter this contest. Just testing new vertical before REF CW. And giving points to Patrick! ;-). . . . **F8DZY**. Enjoyed the high activity, and a little bit of DX. . . . **G0MTN**. Activity and propagation were down from 2009, which was an exceptional year. Nevertheless some good runs into the West Coast. Don't know how I could have missed MS and KY, but there it is! Hand logged with paper and pencil, no frequency info. . . . **G3LET**. Just entered for fun for the first time as and when time allowed. Nice to hear so many familiar calls. Was difficult to get past the QRO people in Europe. Had some fun that was the main thing. Good to have SD for logging. . . . **G3LIK**. Operated for just over 26 hours. As always, Top band can be relied on to provide a mixture of frustration (stations that can't hear me) and surprises (stations that can hear me!). Working anyone at all on the West Coast is always a pleasant surprise. Surely this can't be Top band? Oh yes, it is! . . . **G3TXF**. Just giving away a few points to the serious contesters. . . . **G3VQO**. Lots of good DX, good condx! Only part time again I'm afraid. . . . **G3VYI**. As usual very hard going on QRP with my poor antennas. But a fairly enjoyable contest nevertheless. . . . **G3YMC**. First timer! All QSOs S&P. Mainly early evening hours. . . . **G4ASR**. Unfortunately I missed the DX openings, only 3 QSOs with USA. A great deal of activity in EU made the band very crowded. . . . **G4BUO**. With a short low antenna (30m inverted V doublet at 10m) I wasn't expecting to work many on this band so I was delighted with the result. . . . **G4FKA**. Just 3 hours or so playing from new QTH. Temporary low dipole @ 11m twisted around the trees meant that I had to reduce power at low end of band to avoid arcing where wire was touching the trees! K2/100 + PA, 400W. Inv-V dipole, top @ 11m, ends at 2m! . . . **G4PIQ**. Thank

you for another enjoyable event. . . . **G5D**. I was very pleased to work so many new EU stations with my QRP and short, convoluted shape wire antenna. Three new band-mode DXCC worked! . . . **G6CSY**. First time effort with limited operating time. Used the gardens of two neighbours to get aerial up! Mainly S&P with barefoot rig but Idaho and A7 were my particular highlight contacts. . . . **GM4CXM**. Finally got a short inv. L up at 45 ft. base matched and tiny ground plane. This resulted in mainly EU but I did manage my first contacts into Asia, North Africa and the northeast USA. I found conditions good but then I would with a real Top band aerial! . . . **GM4UBJ**. Band conditions good to most areas except Asia. Very heavy QRM levels. Most activity I have ever experienced. Usual big headed proviso as to my limitations, will be 80 this week! Hope to be 81 someday! . . . **GW3JXN**. Went to sleep second night for four hours. At the very peak of USA propagation. That wasn't a good thing to do! . . . **GW3YDX**. Just a token few contacts. . . . **GW4BLE**. I operated only a short period for my antenna is not really for the band. Rig: TS-530SP running 20-60 W into an end-fed 21 mtrs long wire. . . . **HA2MN**. Only 6 hours contesting, just for fun. . . . **HA3NU**. Big activity, nice contest, thanks for all QSOs! . . . **HA8BE**. Good contest. Not a lot of activity. QSOs came in waves. Worked most I heard. . . . **HS0ZEE**. First time on 160 meters. I used inverted L antenna and (low) power from 12V battery. . . . **HS8JYX**. Just few hours from downtown Milan without a real antenna. Snow, ice, and cold weather prevented me to operate from my countryside QTH. . . . **I2WIJ**. GD contest, but snow at my QTH and many problems with antenna. . . . **I4JEE**. First experience with a Multi/Single here. A great chance for an open house with my since ever friends. Started contest with a single K9AY loop and finished with 3 Beverages and a rotative diamond loop. When one operated, the others were in the woods to put wires, hi. . . . **IK0HBN**. IT9GSF's QTH, 21 mts high Inv L, 3x Beverages. . . . **IT9ESW**. Only spare time operation. Very essential working condition. Yaesu FT-950 barefoot on a 10m ca. vertical antenna through a "marine" autotuner. Lot of fun and some new ones on Top band! . . . **IW5EIJ**. Thanks to all stations who pulled my out signal. See you in the next contest! . . . **JA0ZRY**. I'm a newcomer on 160M band and this is my first participation. I couldn't work as many stations as high band contest, but I enjoyed the contest very much. . . .

JA6DIJ. Tnx for the nice contest. . . . **JA7MJ**. I participated to a single-op low power. I was using my antenna only 4m long Micro Vert antenna on my condominium's balcony and using K3 bearfoot! The conditions were better than the last years, but QRM decreased compared with last year this year. I wkd 1 day 160m WAC last year. But the condition JA between EU was very poor this year. The condition between JA and U.S.A. was very good this year. QSOs with 90 stations last year but 130 QSOs this year. K3 tranceiver is the best for 160m band. . . . **JE1SPY**. band condex for USA, esp W5/Texas was fine. . . . **JE1TSD**. Great Contest. . . . **JH4UYB**. I enjoyed the contest. . . . **JH8DBJ**. I enjoyed the contest. . . . **JO3RCK**. Good DX conditions to EU sure helped the score. Much fun as always. Thanks CQ! . . . **K0PK**. Great contest. Worked lots of DX. . . . **K0RF**. So the dinner party is Saturday night...right. . . . **K0SRL**. Just a few minutes for a short run. . . . **K0UK**. Conditions down a bit from 2009, but lots of activity, and lots of fun! . . . **K1DG**. 100% "S&P." Decent conditions at times. . . . **K1LPS**. Conditions were not bad but worse than 2009. Also the QRN Saturday night was quite annoying. The end result was many more contacts for about the same number of QSO points, and just 3 more multipliers. . . . **K1LT**. 160 inverted V from the tallest tree I could reach via slingshot and the K3 at 100 watts, I did the best I could. I'm not very experienced at holding a frequency or calling CQ for long stretches of time. I get scared when I make mistakes. I HAVE to work on a 4-square :). Thanks to everyone who hangs in there when I mess up. All I can say is that it's getting a lot easier and I have more and more fun. Lots of trouble calling DX stations this time around. I could hear lots of them but I had to give up on most of them. They just couldn't hear me and me trying to get them was just causing interference so I backed off. 73/88 Ann. . . . **K1QO**. We got on for the last half hour of the contest. WOW what a pileup. . . . **K3OOO**. Portable op from Bryce, VA. Nice condx and good activity! . . . **K3PG**. More radials but still a pop gun here! . . . **K3TC**. The contest was still fun with 5 watts QRP even though band conditions were not as spectacular as last year. . . . **K3TW**. Submitting at 2201 so I don't forget this year. . . . **K3WW**. All using a simple 25 ft. vertical antenna! . . . **K4EOR**. Lost the antenna Saturday evening. Still working on the problem. The contest was boring. . . . **K4FJ**. Great fun, as always. Condx to EU were poor here.

Had to call many times to get through. Some HUGE NA signals these days! . . . **K4UEE**. Major snow storm during weekend. Conditions fair . . . **K4UK**. 15 hours operating time. Band in great shape. 72 unique JA stations and I did not get to stay for sunrise on Sunday! Thanks to all, 73. . . . **K5BG**. Flu + line noise = weak effort. . . . **K5RX**. All S&P 600W max. Tremendous Condx! . . . **K5SM**. Wow, great Europe opening on Saturday night! Local electronic pollution limits my operating time. . . . **K5ZD**. Great condx, fun contest. Worked 2 new ones. . . . **K6GEP**. This was my 3rd contest and my first time operating on 160m. I learned how to tune my 80m Windom antenna for this band, how to use the notch filter and more. . . . **K6MEE**. Great time and conditions. Had family duties Saturday night so missed some good hours there. Snow static also 2nd night. . . . **K7ABV**. Great conditions; little noise; most everyone came back after only one call from me; that's new!!! IC-756pro III, a 144 ft. sloper into an Icom AH-4 tuner, and a great new HamGadgets MasterKeyer MK-1 used for the first time. . . . **K7AWB**. Lot of EU coming through, but weak. . . . **K7CS**. Fantastic and amazing conditions. Could hear many stations that were not hearing me. Probably because had 1000 foot Beverages in 6 directions, but only a top-loaded vertical for transmitting with an ACOM 2000A amp and the FT-1000D. Hope to have better transmitting antenna next year. Didn't enter last year and wasn't aware of rule change regarding zones from DX, so had to manually edit everything. Hope this didn't create errors. . . . **K7NJ**. 30 ft vertical with a few ground radials from my new getaway place in the open desert of northern Utah. . . . **K7RJ**. Just trying out a Heathkit SS-9000 to see how it fares in a CW contest. Not bad for a boat anchor. . . . **K8AC**. Conditions on second night were very bad here. Had a decent European opening on Friday eve but not Saturday. Snow static in the area as well as no real propagation here prevented more European contacts. Multipath on Friday was so bad that the echos were making copy difficult. Great participation as there were wall to wall stations the entire time. I would also like to thank the contest organizers for starting the contest in the middle of the afternoon here when the East Coast is dark. That is good for them eh? Also, ending the contest here in the middle of the afternoon while the East Coast is dark. I am happy for you boyz back east. . . . **K8FC**. Not to much time to operate, but fun just the same . . . **K8OT**. Pretty

good conditions for the contest, thank goodness! Used a TR-7 with enhanced audio and AGC action. . . . **K9JU**. My first time on 160 meters and my first contest on this band. Wow! What a blast. Put up a temp antenna Friday morning; it seemed to work well. . . . **K9JWV**. First contest with separate EWE RX antenna. It helped. . . . **K9WWT**. First CQ 160 CW Contest. . . . **KB3MXM**. Our M/S effort became a single op event around 11:30 PM Friday night when the heavy snow thinned our ranks. Had nice runs on Friday when noise level was acceptable, but Saturday was real work. Managed to drive the country count to 64, but the snow QRN and storm static crashes became too much around midnight on Saturday. The score was down from last year primarily due to fewer QSOs. However, I am pleased with the score for just 15 hours. Thanks to everyone who called us. . . . **KC4D**. Gave me a chance to test my very limited 160M antenna. . . . **KD3TB**. Thanks as always to John Evans, N3HBX, for letting me use his station again. I worked Friday and started the contest tired. It really caught up with me Sunday morning! . . . **KD4D**. I am generally not a CW op. Most CW I do is S&P in a few of the contests but this time I tried my hand at running a freq. NOT very easy. . . . **KD4POJ**. Great conditions. . . . **KI7N**. Enjoyed the contest, even with low power I was able to have a nice run. Friday better than Saturday. . . . **KN4Y**. Pretty good conditions here. Need to improve antenna for 160 and and RTTY. 100 watts, dipole antenna for 160 and inverted L. Just been looking for stations. . . . **KP2DX**. Always enjoy this contest, yet seems there could be more DX that could be active in it or is it my QTH and low ant.? . . . **KS7T**. First time working the contest. Was fun. . . . **KU8T**. Conditions sounded really good here. Actually heard a few Europeans! (Not worked, of course). Still, beat my score from last year, with only one stint at 3:00 am. Usual kudos for the sharp ears that pulled my 5W through. . . . **KX7L**. Just my usual very modest effort. All S&P. Power line noise and precipitation noise during a major snow event made copy of weak signals difficult. . . . **KY4P**. Sorry, I had to stop. Comm problems. Next time for sure! . . . **KY9KYO**. Friday night was a lot better and less noisy than Saturday night. I enjoyed the contest with a very low wire antenna and look forward to next year. . . . **KZ5J**. Band very crowded. Enjoyed the contest very much. . . . **LA2AB**. Too crowded band and many people just click the packet spot and don't know what zero beat is! . . . **LA6FJA**. A

struggle with 100 watts and a dipole. First contest from Norway in many years. . . . **LA7JO**. Keep the DX frequency clear! . . . **LY3X**. The best contest! 73! . . . **LZ2ZG**. Not much spare time this weekend. Very pleased with the 40 metre vertical on the Helikite. . . . **M4T**. Hard work and good fun. . . . **MU0FAL**. Worked 46 lower states and Alaska. Missed KH6, MS, and LA but heard all of them. Worked AB, SK, BC, ON, and QC. Heard a few EU's. Only running 100 watts. . . . **N0AH**. Only time for a couple of sweeps through the band, but the stations were wall-to-wall and no more than 300 Hz apart in many instances, yet most were busy CQing and running stations, having a great time. It's a real testament to the advances made on Top band over the past few years in receiver and transmitter techology, antenna design, understanding of propagation, and operator skill. Taking advantage of a sunny, if cold, afternoon I restored my 105 ft. dipole to its full 30 ft. height and had a great time working coast-to-coast with low power, burning a number of clouds in the process. Great fun on Top band! . . . **N0AX**. I was using a poorly tuned dipole for an antenna and was pleasantly surprised at how well my signal got out during my brief time on the air! . . . **N0LZ**. I was about to shut down near the end of the contest when W0UD answered my CQ with a new multiplier. Kept me going for another hour! . . . **N0TT**. After the excellent conditions enjoyed for ARRL 160 in December and the band conditions for the weeks just prior to CQWW 160, I was optimistic that many scores above 1M points would be turned in again this year. Last year our score was 857,736, so we were optimistic we might be one of them. Thanks to Mother Nature, it was not to be. We were even 30% below last year. When I host a multi-op event I never open as a lead operator. I want to be available to respond to any out of the gate technical issues. Well, this year we had a couple. We were not 10 minutes into the event when an e-mail arrived from Ron, N4XD, informing me we had *terrible* key clicks. As I am one who typically comments (really complains) about others with key clicks I was not about to ignore Ron and keep going. *It must be fixed!* I did not suspect the K3, so what else had changed. The quick solution was to simply change the TX delay from 8ms to 12ms. Our assumption was that with the K3, QSK Master, and AL1500 in the configuration, the delay needed to be greater than the standard K3 8ms. A quick check listening with my other K3 and we were good to go. I sent

Ron an e-mail that I thought it was fixed. He quickly replied . . . *Thanks*, all better! The next issue was what seemed to be excessive RF getting into the Beverage selection box. The LEDs for unselected Beverages were blinking in sync with the keying. I had also removed my ICE model 119D from the Beverage input coax. The only time they blinked was when the W or NW Beverage was selected. They are the closest Beverages to the XMIT antenna. A quick re-cabling to put the 119 back in the circuit and that was fixed. OK, what is next? Fortunately, there were no additional technical issues the rest of the weekend. Good thing, as we had more than enough snow storm related RX problems to deal with. Speaking of Mother Nature, North Carolina was definitely in her sites for the bad weather this weekend. If you had the opportunity to look at a Doppler radar map at any time, well, you would have seen the storm clearly focused on NC. On Friday night there were many US stations calling that we just could not pull out of the QRN. Then at about 05:00 UTC on Saturday the west and northwest Beverages became virtually useless with noise levels constant at S9 to +10. Fortunately that was when we were looking toward EU for their sunrise. That noise condition on the W/NW Beverages stayed bad until Sunday morning at about 01:00 UTC. At that time, when EU started calling, the QRN on all Beverages jumped up to between S6 & S7 with bursts well above S9. A quick check on the XMIT Vertical-T gave an S-meter reading over S9+30. The timing could not have been worse. By 09:00 UTC the QRN became reasonable and signals started to emerge, but EU was gone. We would like to thank everyone who called us, had the patience to hang with us and send the repeats until we were able to copy through the QRN, and as always, those who spotted us on the cluster. With every spot comes a much appreciated rate burst. Congratulations to the other M/S entries. All the scores are down some from last year, but the top of the chart call-signs remain the same. 73 and see you next time. . . . **N1LN**. Murphy lives in my shack. . . . **N2EIK**. Assisted operators continue to be punished by the contest rules. I like to operate assisted with low power, 100 watts, but I am lumped in with the 1500 watt guys. This makes it impossible to judge how I stack up with other low power crew. Despite that the contest was fun and crowded. Low noise levels too. I almost had WAS . . . missed ND, SD and KL7. I heard KL7 a few times but could not

break the pile. I never heard ND or SD. I think those poor people froze to death. Heck it's only 14F here on the tropical island of Long. Brrrr! I even managed to work a few new ones. Eventually I will get DXCC on 160, I hope. The four 1/4-wave radials at 8 feet will have to come down in March to do the gardening. The antenna is an ugly L but it works. Strongly consider creating a Low Power Assisted category! . . . **N2FF**. Most contacts I ever made in a 160M test with 22 ft. top loaded vertical! . . . **N2LK**. Didn't make a serious effort this year but was pleased to complete 160M DXCC during the contest. Conditions were good, but I'm not sure anything will beat last year's conditions! . . . **N2WLG**. had my best EU run around Sunday 0600-0800Z, and was thankful for it. It was less of a "good time" this year, like 2009 :o). Still decent conditions overall, more noise here (snow/storm QRN) at times. . . . **N2WN**. More stations hearing me on 160M. N3CR in a CW contest? What's next? . . . **N3CR**. My usual goal of beating my last year's score was not realistic this year, simply because conditions last year were the best I had seen in 9 years doing CQ WW 160 CW (all same QTH), and my score reflected that: 33% above my previous best. But, I did the next best thing, getting my second-best claimed score in 10 years. I had good results the first night, with a score slightly higher than last year. But Saturday afternoon it started snowing here, continuing until well after dark. The first bad effect of the snow was that initial removal efforts postponed my operating start time until 23 Z vs the planned 20 or 21 Z. The second and much worse effect was terrible precipitation static well into the night, S7 to S9, worse to the east where the storm was. As in one past year, I found that my half-wavelength "baby Beverage" was very effective against the p-static, especially when pointed west. But, the noise was very bad for working EU, even though propagation to EU was pretty good. The first night I got 36 EU QSOs and 23 EU countries; the second night, 6 EU QSOs and no new EU countries. It was an odd experience being barely able to copy EU stations through the p-static, but then have them come back to me after one call. Nearly always it's the other way: often I easily copy EU stations who can't hear me (or others calling them) due to high QRM and QRN in EU. Hearing OK west, I worked 17 more W/K stations than ever before in 10 years, and 9 VE provinces vs my previous best of 8 worked in 4 different years. It was also satisfying to work an

LU, not a common experience for me on 160. I missed only SD among the contiguous 48 states and DC. The final bad effect of the snowstorm was that in finishing the snow removal Sunday, the garden tractor with snowplow blade sprang a terrible oil leak and spurted a pint of engine oil over my driveway. Dealing with that and slow blowing of wet snow from the 450-foot driveway consumed all of Sunday until well after 22 Z so that I was unable to operate at all on Sunday and pick up a final few QSOs. So, next year I'll hope for a zero K index like 2009, AND NO SNOW! . . . **N3UM**. QSB and noisy with weak fluttery signals, but workable. . . . **N4DXI**. Great contest. . . . **N4MJ**. Condx seemed down from last year. Still great fun. Biggest thrill was without a doubt catching A7/MØFGA for a new one on Top band #314. Thanks to CQ for putting on this great contest. . . . **N4PN**. DX came faster with KW this year. . . . **N4TZ/9**. Used my 30 ft. vertical with a tuner. I imagine my signal would have been about the same on a mobile whip, but I had a good time. I probably doubled. . . . **N6DW**. Pick up 14 new countries. . . . **N6QQ**. Just fooling around! Nice activity level. Good to hear CR2X on! Missed all of Europe but did catch CE1/K7CA and HC2SL. . . . **N6RV**. Missed most of first 2 hours due to start time change, so sunk right off the bat. Sigs from EU very hard to work 00-02Z due to EU to EU Q's. The only time EU was easy was early evening Saturday 2230-2400Z, with many worked S&P. . . . **N8II**. What a great opening Friday night. First time I ever had more countries than State/VE mults! . . . **N8PR**. Worked A7 after the contest for a new one . . . **N8XA**. I really need to look at my calendar more frequently. Could only operate PT as my XYL and I had planned/scheduled to put up kitchen ceramic wall tiles this weekend! I did enjoy the 6 hours I was able to squeeze in in between applying thin set, cutting tiles, and mixing more thin set and then grout! From my antenna challenged point of view, 160 was on fire! EU all over the place!! With only 100 watts and an inverted L that is only 35 feet vertical, it was still a mostly futile challenge to break through the East Coast KW alley from the Midwest on basically a QRP station. (Location alone accounting for at least -20 dB!!) I did bag 3 new EU for my only 10 pointers, all at or just after EU sunrise Sunday morning. Always a fun time, and about 20 dB more fun this year! . . . **N9TF**. Only had a couple hours, but thought I'd confirm how poor my antenna is and play a little bit. Thanks for the good ears out

there! . . . **ND0C**. Just getting to know 160 after almost 50 years of hamming. It's a fun band. Was really surprised to work Hawaii, Alaska, and Japan Sunday morning with my modest setup. 73 and thanks for the QSOs. . . . **ND4V**. Limited effort with a sloper at 30 feet. Next year ... just wait 'til next year. . . . **ND8L**. PV power 12-volt battery for Yeasu 867D with coax feeding 160 meter loop antenna. Xmit QTH on shoreline near Kalapana Hawaii. Aloha & 73. . . . **NH6AH**. Great propagation and ops with good ears. . . . **NJ9Z**. This callign might look good on a RTTY screen, but it doesn't work very well on CW! . . . **NM5NM**. Took a week to get back to a "normal" sleep schedule but what a cheap price to pay for all the fun. See you next year. . . . **NN0Q**. Always fun. Always a challenge at 5 watts. Heard many stations east of the Mississippi, but was able to get through to only two of them. No luck with KH6 or JA, either. . . . **NO2D**. Conditions looked great for the US, EU and the world. I have no 160 antenna but tuned the SWR on what I have. . . . **NP2L**. Thanks to NP2B and NP2C for their wonderful island hospitality and friendship! . . . **NP2X**. First time contesting on 160 meters. Getting an antenna to work properly was an issue in my smaller city type lot. . . . **NR7Q**. Two nights with snowstorms made it almost impossible to hear signals below S9. Sorry to all the stations, that we could not copy, hope to do better in 2011. . . . **OE2S**. A pleasure to operate the superstation with 3-el rotary beam, 4-square, and a dipole. TNX to Juha OH2NC for arranging the logistics. Bad propagation, especially to USA. . . . **OH8X**. Thanks for the nice contest. . . . **OK1KZ**. Contest QTH HHRR of OK2RZ. Last year I took part in this contest from my fixed QTH where I can use only inv. L 13m (vert.) + 25m ant. It is a huge difference. . . . **OK2BYW**. RIG: K3 + PA, ANT: 27m shunt fed vertical, K9AY loop, beverage. Cold WX, lot of snow and lack of time before the contest so antennas were not ready in time and not working as they should. One Beverage installed as late as Friday PM and finished in the dark. Having walked 2.5 km over the fields in 30 cm deep snow with wooden poles and heavy hammer made me feel a bit tired even before the contest started. After all it is called a radio sport, isn't it? :-). The vertical had SWR over 3.5 and it was changing due to movement of the wires in the wind. So an ATU in shack was used, retuned every 10 kHz or so. Too bad in S&P. I lost the first hour still solving the antenna issues. Computer hash prevent-

ed using the keyboard for keying, so used the paddle all the time. Lower part of the band in EU was a horrible mess with 200 Hz signal spacing and lots of clicks. Condx were good and I enjoyed this great contest. CU next time. . . . **OL0A**. TNX contest. . . . **OM3BA**. My first 160 activation ever, and worked 10 states with 100W. I'm happy! . . . **ON7RU**. Relatively poor WX condx influencing the band condx. Pleased to find lot of entrants. Heard 2 Mexican stns and got QSO with one of them, XE2WWW, for the famous difficult Zone 6. . . . **OQ3R**. Need to improve my typing skills. . . . **PA0CYW**. Too little time as preparation for son's wedding had priority but at least made some contacts on this nice and busy band. . . . **PA0MIR**. Nice condx first night, second night not as good. We are very pleased to have over 200 US in the log and 46 states. See you next year! . . . **PC5M**. Good condx, nice activity. . . . **PG3N**. Conditions from 12 degrees north latitude were not spectacular this year. While conditions to USA were good to above average, conditions to Europe were lackluster. We did not experience the usual daylight enhancement that makes Europe stations pop out of the morass of signals as the terminator passed over their QTH. We fell short of our hour-by-hour goals in terms of QSOs and total score. . . . **PJ2T**. Operation from Fernando de Noronha Island. First night really good. Second night much much worse. An RX Flag Antenna aimed north helped, especially for low angle signals. We enjoyed it. . . . **PQ0F**. Thanks all for contest. . . . **RD3DS**. TNX to all. . . . **RF3C**. TNX for contest! 73! . . . **RN6AH**. TNX for the contest. . . . **RU9AC**. Good contest! See you in the next year! . . . **RV3LO**. TNX for contest. FT2000, Inverted-Vee. . . . **RW0BG**. Prop was poor, all QSOs were too hard. . . . **RW4AA/9**. Beautiful competition. See you next year! . . . **RX9CAZ**. TNX for contest! 73! . . . **RZ6AW**. Nice with so many stations QRV. My antenna, 2x5m vertical dipole, was too bad. TX = K2 PWR = 5W. . . . **SM5CJW**. Just for the fun of it and bring some points to a few. Avoided computer transmitting by using my true sidesweeper. CW at its best. . . . **SM6FUD**. I use IC746 and Inv 160m antenna 15m above ground. Thanks to all for nice fun in the contest. Vy 73. . . . **SP7DCS**. Fb contest. . . . **SP9JZT**. Antenna experiments at the seashore were the main goal besides activating the IRA club station on Top Band. . . . **TF3IRA**. Very good just one QSO. . . . **TF3SG**. Chance to operate from magnificent station of TF4M. First night disturbed conditions to US. . . . **TF4X**. Cool

contest. . . . **UA4CCG**. TNX & 73 to all! . . . **UA4PN**. Great contest! . . . **UA9MA**. Good contest. TKS GL. . . . **UR3GO**. TNX for nice contest! . . . **US1IV**. Thanks for nice contest! . . . **UX3HA**. Tnx for contest! . . . **UX5TQ**. ICOM-756 PRO II, Kenwood TL-922 600 W out, 120 ft tower, 3 elevated radials 50 m 10 ft high for 160m. . . . **V31YN**. Some good winter fun (only -30C) from the cottage QTH! . . . **VA3CCO**. Always a ton of fun in the contest. . . . **VA3DX**. Great condx for QRP the first night. . . . **VA3RKM**. Cottage QTH on the Ottawa River. Minus 25C outside, but comfy in the cottage. Antennas folded inverted L with 3 elevated radials, plus a Beverage aimed NE. Elecraft K3 in Diversity mode, Ameritron AL80B with QSK mod. . . . **VE2OJ**. I enjoy operating at "off" hours in any 160-meter event just to see what sort of propagation the band really is capable of, and it's always surprising to see just how far & wide 160 is capable of propagating, even at high noon! Top band truly is a "24 hour event," beyond doubt! . . . **VE3CUI**. My first entry into this contest. Band was very busy, but didn't have trouble making QSOs, even though I was only running 5W, and using a simple wire antenna. I've only been partaking in contests about 6 months so far, need a bit more experience, but I think I'll be back. I did enjoy it. My attention span is about 3-4 hrs, must work on that. Thanks to all. . . . **VE3FUJ**. Used the Elecraft K3 with the TR4W logging software. This was my first CQ 160M contest. My small inverted vee/open wire line, fed as an unbalanced load. Elecraft K3, 100 Watts, Inverted vee with tuned feeders, fed as an unbalanced load. . . . **VE3GFN**. Managed to get into the contest for just over 6 hours. I was using an Elecraft K2 at 5W to a Windom antenna up about 30 feet. Condx were better than I was expecting! . . . **VE3MO**. Fun time again. . . . **VE3PN**. Always good fun though I wasn't able to operate for many hours. Good to hear all the old timers. . . . **VE7CA**. Another good contest and some great signals, but very poor to USA this year. Thanks for the nice QSOs. I certainly need a better TX antenna. Hope to do better next year. . . . **VK3IO**. Again, it was a tough going, but it was fun. Thanks to all who managed to pick up my signal from the noise. . . . **VK6DXI**. What a contest!! Started like gangbusters with rates >100 hr until snow, 60 mph winds and ice messed up SWR on verticals. Sat PM off to the races. . . . **VY2/N3DXX**. Great contest. I learned quite a bit about operating technique. At the end of this contest called CQ instead

of search and pounce for my last 10 contacts. My first time ever calling CQ in a CW contest! Thank you to the 10 souls who were patient with me at the end. . . . **W0BM**. I only worked the contest for two hours but the band was good and I had a lot of fun with my QRP K3, Hy-Tower vert, and separate receive doublet. . . . **W0CZ**. Very good DX condx on Friday followed by good condx on Sat. Wkd all states, many provinces, and 20 DXCC. Thanks for hearing my 100 watts! . . . **W0ETT**. There are some good ears out there! . . . **W0NV**. My new inverted L worked great! Can't believe I worked so many countries! 160 Rules! Go CTR! . . . **W1AN**. Had fun using N1MM Logger and Winkey keyer. My first time computer logging. It is a whole new world. Started late because of laying last minute radials down in the bitter cold that night and then freezing, I entered the wrong contest into the program and missed half a dozen contacts. Many thanks to those great operators for squeezing my signal out of the noise. . . . **W1FMR**. A GREAT contest on a favorite band! Put in alot of chair time for me: 9+ hrs each eve/night with a few hrs during daylight. US/VE missed: LA, ND (again!), and SD; LB, NU, NWT, and YU. Quiet condx Friday but weak EU sigs. Bad storm static crashes Saturday but better/longer EU sigs near/at their S/R. Thanks to all the distant ops who copied my low power/low altitude compromise antenna signal. Many thanks to all for the Q's and patience with repeats with QSB, QRN, and my occasional dead-air time when keyboard/software flummoxed! Well done to CQ for the new Unofficial Claimed Scores listing for this contest on the contest website, very nice addition! It was fun being "in the fray" once again on 160m. . . . **W1WBB**. Well, it wasn't quite as great as last year, when we probably had the best 160 conditions in 2 decades, but it was still lots of fun. . . . **W2GD**. First contest at my new QTH. Spent the first 4 hours building and installing an inverted L in the freezing cold. Missed having a receive antenna. Had some great rates running 100W first night. Lots of great ops and great conditions add up to make a fun time! . . . **W2ID**. TS-50 running 5 watts blew up after one hour! . . . **W2RR**. It gets tougher as I get older. My ears aren't what they used to be, and the longer I sit the more it hurts. Fun, though! . . . **W3BGN**. Lots of fun. . . . **W3WH**. I slept too much this year! . . . **W4AA**. A nice test of the preamp added into the RX system. The K9AY with the preamp was better RX in all cases. Nice. . . . **W4KAZ**. Great contest,

good conditions. . . . **W4RYW**. Cows in the Beverage. . . . **W4SEC**. Three wattmeters (two Oak Hill WM-2 and Autex Research WM1 in tandem) between xcvr and antenna tuner to ensure power level always below 5 watts. . . . **W4TMR**. I was delighted to work BY7IO for my #121 on Top band. . . . **W6JTI**. Conditions were good! Fifty Seven Years Of Contest Operating. . . . **W6PU**. Not as good as last year but probably better than next year! . . . **W7AT**. I got the old NC183 working again (shorted bypass cap) and the ARC5 VFO and 6AG7/807 keyed MOPA perked along, but the 833A final drew so much current key down that that the line voltage dropped a bit and made my VFO drift so that it made it difficult for some stations to copy me. Great band conditions, a fun contest. . . . **W7DRA**. First time entry. Had much fun. Great contest great condx. . . . **W7MTL**. W7RH operation from Westwood Ranch, Arizona. Rig TS-480, solar and wind powered at 100W. Antenna 5 element array. Fantastic DX activity, with not as many multipliers as last year. However, DX runs at times were better than stateside and there were far more 10 point QSOs than previous competition. Top band continues to amaze and dazzle with another great contest! 73 best DX. . . . **W7RH**. Best 160 contest ever. Worked Europe, South America, and Hawaii with a dipole. . . . **W8DCQ**. Great contest; thoroughly enjoyed it. . . . **W8HMK**. Need to do away with the phoney useless 599 signal reports in the exchange. . . . **W8IM**. Good conditions. Lots of fun. . . . **W8KEN**. Rig Elecraft K2 @ 5watts. Antenna 160 Inverted-L up 60 feet with elevated radials. . . . **W8VE**. Fun contest ! Friday night was definitely a lot better conditions. Equipment : Elecraft K2, antennas off center dipole & full-wave loop. 17 deg. F outside but had a cozy fire going in our log cabin shack!! . . . **W8ZHO**. Congrats to all who copied my 100mw signal. . . . **W9SE**. Seems like I need to spend more trying for DX and less time CQing. . . . **WA1CFN**. Station: K-3, Alpha 76A, 160 meter inverted-V supported by 35 ft. flagpole located at edge of 1200 ft. overlook near Zion National Park, Utah. Good opening into EU and Asia Friday night, not so strong on Saturday evening. Heard stateside stations south of me working stations I could not hear so I know improvements are needed in the Beverage antennas. Hope to have shunt fed tower up here next year, better receiving antennas. Find it hard to stay awake all night. Still enjoy the 160 meter contest season. . . . **WA7LNW**. Inverted-L vertical 90 ft with coil at mid-

point and 4 radials. . . . **WB3JKQ**. Great time for a contest with the snow storm all weekend. . . . **WB4MSG**. Finally put up an inverted L and got it to playing fairly well. Mostly chased mults and managed to get five DX stations. Thanks for the fun! . . . **WB6BFG**. Tnx to the patience of the big guns out there for copying my 35 watts into a 70 ft end-fed random wire up at 12 feet. . . . **WB8JAY**. Conditions not as good as last year, but a great time nonetheless! . . . **WB8JUI**. A fun contest. A bit of a challenge without a receiving antenna. . . . **WB8K**. Excellent "quiet" condx and the new 4-square array made this contest very fun indeed. . . . **WD5COV**. Great propagation and a new station location. New SD Logging software. . . . **WD5T**. Amazing what you can do with a 55 foot Vertical, 15 ground radials (50 feet long), and 100 watts (Kenwood TS-180s) on 160 meters. What a great band, and fun contest. . . . **WD8DSB**. What an UNFORGETTABLE contest. While my score won't land me in the top ten, this will certainly be on my top 10 list of contests I've done. Wall to wall Europeans, well in excess of two hours before sunset. I've never heard anything like it. Un-fortunately, for whatever reason, EU couldn't hear me all that well Friday night/Saturday morning. Seems like each EU QSO was a struggle, but I did manage topping my best country total in the first night at 41 countries (previous best was 25) and had all but two states in the log (SD and OK), along with 851 QSOs. So my best country total in the first night was cool enough, but then Saturday happened. Same thing as before. EU heard well before my sunset, but after sunset, I wasn't hearing as many as the night before. But this time they were answering my CQs. I couldn't believe it. I was being heard. Not a lot of stations, but one here and there. Then at about 0440z (10:40 pm local), someone flipped a switch and one after another 10-pointer called in, and nearly all the USA stations disappeared. This lasted for 4 full hours, way after sunrise in EU. Notable was S50A who called me nearly two hours after his sunrise! Now of course none of this is all that spectacular from an East Coast perspective, but this was central Wisconsin. Even K0TG at the W0AIH superstation said "I never have heard of a EU run on 160 from this part of NA." And never have I. I worked an unbelievable 157 ten-pointers (141 EU). In comparison, in 2006 I had 12 ten-pointers and only 5 last year. I had to keep reminding myself that this isn't 40M. But with wall to wall DX, it was especially hard to find a place to

CQ, especially since most of the contest, the DX wasn't hearing me. When I would find a clear frequency, it wasn't but a few minutes later that some DX would start calling CQ on my freq. At one point, there was a SA station and two EU (and me) all calling CQ on my frequency that was previously clear. And I think I was the only one hearing the others. I didn't operate as many hours as I would have liked. I took a 1.5 hour nap from 2:30 am to 4 am and was treated to my one and only JA (JH2FXK) right at my sunrise and I pulled the plug a few minutes later to get some sleep. I didn't start back up on time, plus had to have dinner with my mother and daughter, then I was back in the chair until nearly 3 am. I had set the alarm for another 1.5 hour nap, but nothing could wake me back up at 4:30 am. So I slept in until well after sunrise. I got up and started packing up the station for the drive home. This "station" was simply some wires threw up on Thanksgiving. An inverted L (up 85 ft) and a 1000-ft 2-wire Beverage at my mother's house. I bring up the K3, amplifier, computer and comfortable chair for the weekend. Noise on the TX antenna is S1-2 during the day, when the neighbor turns off the S9+30dB electric fence. Thanks for all the QSOs! . . . **WE9V**. Thanks to all the good ops in the contest. They make it fun. . . . **WI8A**. Nice conditions and a lot of fun for me. . . . **WI9WI**. A bit less DX than last year but some nice runs, so with 14:22 hours this year managed to top my last-year's score (based on 19 hours in the chair). Receiving here in the city is a problem with no space for Beverages. With 600 watts and a couple of 1/4-wave slopers it is possible to work most everyone I can hear. . . . **WO9S**. Terrific conditions! I worked a lot of stations while just running 5 W or less. . . . **WW3DE**. 500 watts to a 12-foot top-loaded vertical did the job. . . . **WX7G**. Tnx to all for contact with my station; see you in SSB contest . . . **XE2MVS**. Contrast to all. See you in SSB contest, 73. . . . **XE2NS**. Radio : ICOM IC-751. Power : 100 watts. Antenna : K6MM HWV. . . . **YC2LEV**. This is our participation from the place that is far enough from our base station. We learn how to manage and get the highest score as we expected, 46 DXCC in one contest from equator line! QRV from height 1050m above sea level at Malang mountain, Subang, West Java. Thanks to all QSOs! (<http://ye1c.wordpress.com>) Station. . . . **YE1C**. RIG(s): TS-430S; antenna: dipole. . . . **YE1ZAL**. RIG: TS-50; antenna: dipole. . . . **YO2CJX**. Pleased to run my 10th in row CQ 160 CW

contest. Variable conditions, good activity from YO's. RIG: IC-7000, sloping 41m wire and K9AY on 330 & 30 degrees in downtown location!, 73 Szigy. . . . **YO2IS**. Tnx for your QSOs. . . . **YO3JW**. QRO 2x GU74, pwr 1000 watts. . . . **YO4KCC**. RIG: Kenwood TS-450SAT, 100 watts, dipole. Big noise in my location. 73s! . . . **YO4SI**. I don't want work QRP but my TRCVR "say" HSWR (high SWR) if I do more! I enjoy my first contacts in 160 meters! . . . **YO5CUQ**. RIG: FT-897D; PA: 500 W; Ant: Inv V. . . . **YO8KOS**. 73 and good luck from Romania! . . . **YO9AGI**. YOFF-014. QSL via YO3JW. . . . **YP1WFF**. FT-897 + PA 300W, dipole 5m high. HI! . . . **YR5T**. IC-746 PRO, dipole, 1KW. . . . **YT5W**. Yaesu FT-990 ANT. Dipole 160. . . . **YU7DP**. Working 160 QRP is real nightmare. Only 7 stations in 24 hours. Sure need better antennas for my city lot and add more power. See you next year again. . . . **YV6BXN**. Thanks to all concerned in running the contest. . . . **ZC4LI**. I flew home Saturday. Operated 2nd night as K0BJ, lasted 90 minutes. . . . **ZF2BJ**. TX Ant: Inverted Vee dipole + inverted L. RX Ant: Terminated Delta Loop. Equipment: FT1000MP Mk V Field radio + AL80A amp, 400W. Conditions seemed to range from poor to average at my QTH, with Saturday night being significantly better than Sunday night. The short path to Asia and Europe seemed to be in reasonable shape, but propagation to America was poor with QSOs being limited to the Caribbean and the western areas of USA and Canada. The best DX worked was RZ2M and RX3APM. I noted that some stations had very loud signals and good ears to match. In this category, PJ2T was the most notable, with KV4FZ, JT1CO, and several JA stations not far behind. Despite the patchy conditions I ended up logging twice as many QSOs as in 2009, mainly due to the use of a new RX antenna which helped me dig another layer of signals out of the local manmade QRN. The QRN emanates from various sources in a nearby industrial area and is typically S7 to S9 in a 250 Hz bandwidth. The RX antenna is a terminated delta loop, with the null orientated towards the industrial area. . . . **ZL1AZE**.

SSB

A geat contest! My first ever 160m contest I hope to beat my score in 2011, will work you all then. As always SD was a great help during the contest! . . . **2M0SRF**. From Muskoe island Loc. JO99BA EU-084 . . . **8S0W**. With 2-plus

feet of snow on a sagging dipole and trees, I was able to work DX and out to the West Coast with 100 watts. . . . **AA2DS**. Fun contest, although conditions were not that great here in Northern CA. . . . **AF6PA**. Wish I had more time! . . . **AJ4CU**. My first time for CQ WW 160 SSB. . . . **AJ4IM**. After a long time again a phone contest. I think in future I will stay with CW! . . . **DA0I**. Matched 80m sloper + FT-950 100W. . . . **DG8DP**. Small log with in contest storm-damaged antenna. . . . **DG8FAY**. Hardcore QRP test just for fun. Perhaps next year more power. . . . **DJ1AA**. QRP 5W from FT817, Tuner Z11, off center fed dipole FD3. UCX Log, Cabrillo Log. Many thanks to the organizer, also to the Big Guns for their patience listening for my weak signal. . . . **DJ3GE**. Hi, only a short test for my bad antenna. . . . **DJ6TK**. RIG: IC756PROIII, 100W. Ant: G5RV @ 18m; glassfiber tower. . . . **DK1YY**. Yaesu FT-450, ICOM IC-2KL, Yaesu FC-102, Loop 168 Mmeter. . . . **DL4ZA**. Had a lot of fun in QRP like every year. Two QSO less but three DXCC more than 2009. Nice what is possible with 5 watts only. Tnx all the stations which heard me. . . . **DL7UMK**. TS-850S, dipole. . . . **DL8NBJ**. FT-1000MP + Pa ALPIN 100 + Sloper 160m. . . . **DM2BPG**. Dipole FD5 and 50 Watts. . . . **DO9ST**. First CQ WW 160M Contest. . . . **DP4D**. Very bad propagation in my area. . . . **DU1BP**. I enjoyed again this test like every year and now I am working for better RX for next year. Thanks to all. . . . **EA3FF**. CQ 160m SSB 2010 Team (EC1KR, EA4TD, EA4AOC, EC4JD and EC4DX). FT1000MP-MKV + ALPHA 91B + WinTest 4.4, Annt. 1 = vertical 40m high with 70 radials, Annt. 2 = L vertical with 70 radials ;SWL = vertical K9AY for SWL. . . . **ED1R**. Equipment: ICOM 751-A 100 W. Windom 1/4 wave for Top band. Too much QRM by wind Saturday. CU next year 2011, 73. . . . **EG3B**. Only a couple contacts QRP. . . . **EI4GXB**. After suffering for a long time with an electrical noise source we managed to track it down to a 220KV power line some 5 miles away! With the assistance of a local ham, the power company managed to rectify the problem fairly quickly, for which we are grateful. We made a decision now that our noise source had disappeared to improve our Beverage receiving and distribution system. Unfortunately this wasn't ready for the CW leg but a big effort was made to get it ready for SSB but it had not been tested as much as we would have liked beforehand. We found the conditions were good the first night with a steady stream of NA's calling, not so good the

second night but still a good number calling. A surprise was our new Beverage to South America. It was so quiet that we did think it wasn't working properly but we worked quite a number of South Americans including PYØF and several LU's which was great. Low points were hearing a few states but not being able to work these. One especially was W1CEM in KS who was very loud and just CQing in our face; even after several attempts we missed KS. High points were the performance of our receiving system which seemed to work well, also being called by VO1HP in the last few minutes of the contest for a new mult NF. Thanks to all who called and the hard work of the guys this end to get us ready and also to those who travelled to be with us. See you in the next one. . . . **E17M**. Rig: IC-756PRO, TR4W, UnicomDual. Antenna: 1/2-wave dipole 35m up. . . . **EU1AZ**. Rig: FT-950; antenna: IV. . . . **EW8DJ**. Rig: Kenwood TS-950SD; antenna: Delta Loop. . . . **EW8DX**. A new RX 4SQ antenna helped us to a new record score for us. But we discovered a strong noise source to our west, so receiving from NA and Caribbean was difficult. We had a lot of rain so the meadow was more like a paddy field which obviously helped the TX antenna. . . . **G3UEG**. I enjoyed using SD for logging once more. . . . **G4NXG/M**. Limited time (and none in morning US window) to operate from small station at home. K2/100 + PA, 400W. Inv-V, top @ 14m. . . . **G4PIQ**. First CQ WW 160M Contest. Good start, worked about 5 hrs. . . . **G5G**. Very busy and more stations heard than worked so no surprises there then! . . . **G7DDN**. Well this year it started out as a zoo. Boy was it busy! Nice to hear so many on. In general operating was quite good with good manners. However I did hear some out of band operating – tut tut! Conditions were fairly good with lots of EU and nNA DX I could only hear. Cuagn, 73. . . . **GM4UBJ**. IC-756PrROII into a 160m 1/4-wave vertical. . . . **GM6NX**. Just a token few contacts from here. . . . **GW4BLE**. No Sstateside stations worked. Must get a better antenna! . . . **GW4EVX**. Rig: IC-756, power 5W. Ant: vertical (28m). RX ant: EWE. . . . **HA8BE**. Equipment TS950-SD, Drake R8, PA 1KW, dipoles and Titanex vertical. . . . **HB9CXZ**. Heil PSP, FT-2000D, 200W (only). Vertical 24m high with four top-head wires each 9m long, dipole on one side 8m the other side 25m high. Was nice., . . . **HB9EE**. 2x IC781 + PA, 1/4-wave vert, horizontal quad, 3-wave long Beverages (8). . . . **HG8DX**. Not a serious effort, but fun anyway. . . . **I2WIJ**.

20 kHz band very limited for Italy, 73. . . . **I4FYF**. Low power, 100 watts, loaded antenna 14 meters long. . . . **IT9VCE**. FT-817 (5 watts). alnverted V, trap dipole. . . . **IV3AOL**. Deaf on local QSO without K9AY antenna and 1 beverage 170m long. Great fun. . . . **IW2LLH**. Kenwood 570D, 5W obtained by international regulations. Loop antenna. . . . **IZ1DGG**. First time in 160m with 100w and a new homebrew vertical OCFD loaded antenna. Thanks. . . . **IZ5FFI**. My first Top band contacts! . . . **K0ANS**. Time to get out the antenna book for spring. . . . **K0SRL**. Lost my logging computer, oh well. . . . **K2CS**. First 160M contest with just a 132 foot wire in a severely bent condition. No radials and 3:1 SWR with no dip. Oye Vey! . . . **K3FT**. Unlike CW, it was a struggle to make contacts on SSB with just 5 watts. . . . **K3TW**. Special thanks to my Dad N8QP who redid my wire antenna setup resulting in better numbers than last year. . . . **K4GOP**. My first 160 M Contest. Enjoyed! . . . **K4MGA**. Thanks to all who worked us. Conditions were not as good as last year. Although our score was a little better just seemed like it was much harder. . . . **K4NV**. Biggest thrill was working LU2DKT after hearing him the night before. . . . **K5KT**. The new transmit array of 4 verticals worked very well. Fortunately, there was only a fairly short period the second night with static crashes of any consequence. . . . **K5RX**. Nice conditions to Europe, but always difficult to hear among the local QRM. . . . **K5ZD**. Yaesu FT-897D at 100 watts, a battery, and the N8XJK 12-Volt Boost Regulator, 20 foot high 120 foot delta loop with shorted twin lead. 109 contacts (1 dup), 31 states, 2 provinces, 5 countries. . . . **K7RFW**. Rig: FT-1000MP MARK V, AL-800H linear amplifier, top-loaded vertical antenna for transmit/receive. . . . **K8OQL**. Operated 160m mobile from Santa Fe, NM. with ICOM IC-706MKII and High Sierra Screwdriver with extra coil and CB whip. Band conditions not as good as last year but signals covered entire 160m band at times. Lots of QRM! . . . **K9GAJ/M**. Got 160 dipole up the morning of the contest. Good band conditions but grandson got priority! . . . **K9IDQ**. Not a fun contest! Brutal QRM! Over 300 fewer Q's than last year due to having to go to the aid of a client. Consequently, short on hours. Thanks for all the Q's. . . . **K9NR**. It is good for CW ops to get on SSB once in awhile! . . . **K9WWT**. Very limited time Friday night! . . . **KB9OWD**. A few new states. Doing OK with 90 watts. . . . **KD3HN**. Hooked again. The most polite contest on

the planet. Many more than last year noted on the band. No Europe or JA as yet – rats! Keep coming back, ya hear! . . . **KD7DCR**. First contest. Learned WE needed to turn more Qs. Ran 2nd nite with manual logging and 1 Op is NOT the way to go! Was FUN. . . . **KE5YD**. My second contest and first on 160. Worked about four hours, had lots of fun. . . . **KE7ADU**. Nice wx, great shrimp, had a great time! . . . **KF4GLE**. Good conditions the first night. Limited effort this time due to time constraints. Late start but WAS the first night except for VT. I had to quit before second night got started. Still, lots of fun! 73. . . . **KG7H**. Fun event. Would liked to have seen more DX stations. . . . **KI7DG**. Thanks to all those who struggled to hear my puny signal. . . . **KK0Q**. First time phone, was Lots of fun. . . . **KU8T**. Just a few hours of S&P and hardly worth submitting. I was plagued by powerline noise, but I still enjoyed working the contest for a while. . . . **KY4P**. Conditions not favourable for us, few DX. Still, enjoyed contest. . . . **LA2AB**. 10W average output, random wire antenna. . . . **LA6BNA**. I was only active for 12 hours! CU next year. 73s de Philippe LX2A/LX7I. . . . **LX7I**. Rig: TS850+PA ~500W; antenna: Delta Loop. . . . **LY2FN**. ICOM 765, dipole. . . . **LY4CW**. TS 850+KW gp, dipole, sloper, delta loop. . . . **LY7M**. FT-990AC, dipole. . . . **LY9A**. Aerial problrms, inverted-L, high QRN on Saturday. . . . **M0EZP**. Anna ran stations while I logged and looked over operations. She did a great job! . . . **N0AH**. Antenna 100 ft. long piece of wire tacked to side of house and end on garage, SWR OK with a tuner. Ran QRP to avoid TVI. . . . **N0JK**. Missed WA and NV. Had fun and almost fell out of chair when CN3A called me. . . . **N0ODK**. Great to see so many signals on, but sure is a challenge operating 100 watts! . . . **N0RQ**. Had a blast!! See you next year! . . . **N1ABY**. This year Murphy visited our contest site on Murphy Drive before we arrived. First, a snowstorm forced us to delay our arrival at the site on Friday. . . . **N2CW**. Murphy lives in my shack. . . . **N2EIK**. 100 watts into an inverted L with 4 above ground ground radials at 8 feet does the trick here. My goal was to work the 2 outstanding states I needed for WAS on 160 and I was successful. I got two ND stations and one KL7 Sunday morning. As I tuned across the band I heard a station say, "Thanks for Alaska," and my dial hand froze. Even better I was able to hear the KL7. I pronged the magic pronger on the voice keyer and he heard me. Luckily he had not yet been posted or it might have been a sad frustrating story.

This was 6:45 local just in time for the magic of grayline. The ND station was found posted low in the band, a KD4, while I was packet pouncing. I clicked on a spot and heard him say, I thought, that he was in NC. When I worked him he said, "North Dakota," and I couldn't believe it. I asked for a repeat on the state and it was indeed North Dakota. A little while later I worked a second ND station – not as exciting as the first time around. So all I need now are the LoTW matches or the cards. Late Sunday afternoon I did a bit of running to get a few more QSO's in the log, but the mission was accomplished. I am very happy about my 163 Q's. I may even have 2 new entities for DXCC in the log as I am now half way to DXCC on 160 without a linear. The four radials will have to be taken down in a few weeks before the gardening season begins. That will be at the end of the long snow shoveling season this year. I must also report that I am now (Sunday night) a little punchy after two contests and one ham radio flea market in the same weekend. . . . **N2FF**. One of the best contest of the year. . . . **N2HMM**. 10-year-old YL Extra class **N2PKP**. Well, it wasn't 2009. Loudest signal from EU was HG8DX Sunday morning, most consistent signal was CR2X. My hat is off to all the LP and QRP folks who braved the waters during this event, and wall to wall crud is not a lot of fun. Still there were some nice openings both east and west. Never heard NV or KL7 for WAS. Was very happy to provide, what appears to have been tough this contest, the TN multiplier to many. Thought I was going to miss VT too, but Sunday was kind. Thanks to W3DQ for DC and, as always, to all our VE friends for the 5 pointers. . . . **N2WN**. Had a great time. Highlight was having Slovenia and the Czech Republic call me. . . . **N3FP**. Needed 4 states to finish WAS phone on 160 – WY,CA,RI, and AK. Got all of them except AK. Oh well, maybe next year. . . . **N4ARO**. First 160 contest for me, great operators, lots of fun. Many states and a few near countries in my total. Need to do some antenna work before next year. . . . **N4DTF**. Condx strange. Second night best for DX from here. Highights, working 2 SV8s. Missed AK and NV this time. Still a loy of fun even with just a small station. . . . **N4PN**. Worked 47 states and DC plus Hawaii. Only missed MT and Alaska. Haven't run a frequency in a long time, it was wild, pile-ups calling me from every direction : OR, GA, IA, TX, NY, CA, NC, CO, AZ, all at the same time! 160 was solid 5&9 signalS from 1803 to 1999 kHz! Conditions were very good, I didn't need

the amp for much of the contest, but had to use it for Europe and Hawaii. . . . **N9LB**. Gotta get a receiving loop! Had company over the weekend and my operating time was limited. Thanks to all for the Q's. . . . **ND4V**. Had to do this one alone this time. My "partner in crime", Steve, KD5LNO, suffered a heart attack in early February. Here's to a full recovery and next year, my friend. . . . **ND8DX**. Spent an hour or so early Saturday morning handing out a few contacts and checking the old ICOM 2KL amp to make sure it was working. . . . **NG7Z**. After a nice skiing weekend I just gave out a few points for BCC. . . . **OE2S**. Rig: FT1000MP. Power: 100W. Ant: LW83m. . . . **OK1DOL**. Rig: IC746+ 700W input homebrew PA; Antennas: Inv. Vee 19m up, K9AY and vertical loop for RXing. . . . **OK1DQT**. TS-830S, antenna delta loop. . . . **OK1FC**. Kenwood TS-570 D 100W. Dipole 2x36m, dipole 2x21m **OK1HFP**. Thankks a lot for the contest. TRX TS430-80W, G5RV . . . **OK1KZ**. DX-77E + EDX-2 + 1/2 VS1AA (cca 20 m long) . . . **OK1VHV**. IC746, Inv. L ant. . . . **OK2BFN**. Contest QTH of OK2RZ, vert.27m, inv. V 24m high, RX Bevs . . . **OK2BYW**. TS-870S; antenna L 20m. . . . **OK2KFK**. FT-950, 100W, LW 41m, vertical CP6. . . . **OK2TC**. TRX: IC-706, 100W. . . . **OM4DA**. FT-857D, 100W, 41 m LW. . . . **OM4DN**. Last week I got a new TRX, IC-756PROIII, and I just wanted to give the receiver a good test and check if I could work stateside with 100W and a full-size dipole in this contest. The RX is OK and I did work stateside :-). See you next year! . . . **ON9CC**. First 160M contest, thanks. . . . **PA1NHZ**. 100W FT-897; dipole. . . . **RA1AL**. FT-2000; R8 antenna. . . . **RA1QD**. TS-850; vertical-160. . . . **RF4M**. 73! . . . **RN3ZC**. TNX for contest! 73! . . . **RN6AH**. ICOM 706, power 5 watts, ant lw 120m. . . . **RW3AI**. 90W, IC-756PROIII, GP, LW. . . . **RX9FR**. TNX for the contest! 73! . . . **RZ6AW**. MARK V + PA; Delta Loop. . . . **S56P**. FT-1000MP, TL922; inverted V @ 15m. . . . **S57C**. FT-817ND; innverted L and 2-el. Mokson beam. . . . **S59D**. Elecraft K3 100W to dipole. . . . **SM5CSS**. Rig FT-950, 70 W, antenna LW. . . . **SP4LVK**. Alinco DX70TH, 100W; TX antenna Inverted L (V19m + H23m) + 24 radials (24.5m each); RX antennas 3 Beverages; laptop Dell. . . . **SP5CJY**. Vertical antenna 15m toploaded. Auto tuner 5M2 by SV1NL. Elecraft K2/100. Linear 2XQB4/1100 homemade. . . . **SV1GRD**. From TA1ED 50-60W output with this much! . . . **TA1ED**. Very good. . . . **TF3SG**. ICOM-718, 100W, antenna Delta 160M. . . . **UA1CUR**. Great

contest! . . . **UA9MA**. TNX for contest! 73! . . . **UR5EAW**. Good contest. . . . **US5ISV**. FT-920; antenna delta. . . . **UT5ERV**. See you all next year! 73! . . . **UU7J**. FT-2000 + PA 200W, inverted-V. . . . **UX3HA**. ICOM-756 PRO II, Kenwood TL-922, 600W out, 120 ft tower, 3 elevated radials 150 ft 10 ft high, 1000 ft Beverage receive antenna. . . . **V31GW**. ICOM-756 PRO II, Kenwood TL-922 600W out, 120 ft tower, 3 elevated 150 ft radials 10 ft high, 1000 ft receive antenna Beverage type. . . . **V31YN**. K2, 5 watts, 1/4-wave wire @ 20 ft. . . . **VA3RKM**. First time doing 160 meter contest. Hard to work Europe from West Coast. Wonder why East Coast have higher scores? . . . **VA7IR**. Good conditions. . . . **VE2UMS**. I've come to the conclusion that I do NOT like voice modes! However, considering the circumstances (this IS 160 meters, after all, my favourite band!) I gritted my teeth and made a few QSOs for benefit of those who wanted the extra points for working another "country"! . . . **VE3CUI**. Overall, a great contest again this year. We went out earlier this year because of an expected snow storm. Last year we had a big flood. There was only about 5 inches of snow on the ground, but it melted over the weekend, even though it was cold in the mornings and continued to snow on and off all weekend. By the time we left on Sunday, there was less snow than when we arrived and the big snow storm we were supposed to have never materialized. Adam, VE3BAU, added to the numbers significantly by about 214 contacts on the Friday night in a 3 hour and 21 minute run. Not too many dupes at this time. Way to go, Adam! Of course Fred, VE3GCP, was there helping him along. Dan, VA3DJ, did well, too, working the pile-ups, and so did Jack VE3WBT, Jim VE3EEZ, and Rick VE3BK, mostly in the wee hours when everyone else had gone home, even though it was slow going at times and everyone seemed to be dupes. Thanks to all the rest for the times you were able to operate. Band conditions didn't seem to be as good as last year but our score was up because of a great effort, more DX, and even though the QSO count was slightly lower than last year. Another great contest for us. Thanks to everyone who worked us. 73 Rick VE3BK. . . . **VE3DC**. What happened to the DX window? I guess no one cares! . . . **VE3MMQ**. Operating at VE6JY station. . . . **VE6SF**. Conditions were good but I did not put a lot of hours in. Still recuperating from some bug I caught last weekend. But, did fairly well with my vertical and most of the time 150 watts or so.

Discovered a new problem that had not surfaced during previous 160 contests where I was getting RF back into the system but only with the microphone switch in the mix. When I removed it all was clean. Another issue to resolve, or not. Maybe I'll just wait for the YCCC SO2R box I ordered. My total time operating was 11 hours. Rigs used were my Kenwood TS-950SDX and the Yeasu FT-2000. Antenna is a 65 ft tall vertical with elevated radials and four 33 ft top wires. Amp is the trusty old Ten-Tec Titan but I kept it loafing at under a KW. Looking forward to this weekend's ARRL DX SSB. . . . **W1TJL**. Need better RCVR antennas, next year! . . . **W2JJ**. Great time. . . . **W2WJS**. Another great contest. Kudos for the changes. . . . **W3BGN**. Thanks for sponsoring, organizing, and administering this event. . . . **W4JHU**. I very much enjoyed this contest. Thanks to all the West Coast operators who pulled my signal out. . . . **W4KP**. Hard working 160 on low power but lots of fun. . . . **W4TKI**. Operated from motorhome. Pretty cramped quarters. Power went off Friday night so pretty much a single night operation. Really missed my Beverages! . . .

W5GFR. First day of contest ran on emergency power since electrical power was down. . . . **W6DR**. The band was very quiet on the west coast. . . . **W7CB** Used FT-101E w/ 270 ft. OCFD (Windom) at 30 ft height. Good conditions, low noise in my area. . . . **W7SAW**. Great contest. Great time with ham friends! . . . **W8CT**. Fun contest. Operators demonstrated good operating practices. Never thought I could work Morocco on 160 SSB with a dipole. . . . **W8DCQ**. Had fun for a few hours. . . . **W8FR**. A good contest with a lot of stations on the band. Conditions were good, too. Worked KH7 on 100W and an inv. L. Heard CR2X but couldn't quite reach him. A whole lot of fun. . . . **WA0L**. During the day condx so poor I worked myself twice, but I had fun and got a new state, Oregon. Thanks. . . . **WA2HMM**. Dipole fed balanced, later unbalanced (better for DX). . . . **WA7KGX**. Operated from kitchen table with long wire, manual tuner. KC9HWA logged contacts. . . . **WA9LKZ**. I had a great time and added North Dakota to my states worked. . . . **WB0GAG**. First time in 160 test, Got caught up in it by accident! Cu nxt yr. . . . **WB3FTQ**. Thanks to all who took time to dig my sig out of the

noise. Again I thank Charlie, W4TMR for his antenna design for 160. It sure works great here. 73's. . . . **WB4MSG**. 60 watts, end-fed random wire 8 feet off the ground, surrounded by mountains. TNX to all who listened, cheers de Vic. . . . **WB4SLM/4**. I had a lot of fun this evening. There must have been great conditions since I was using my low 80 meter dipole into a tuner. Thanks for all of the QSOs. I can't wait for next year's contests. . . . **WB6JJJ**. Lots of fun using 55 foot vertical, 15 ground radials (50 feet long), and 100 watts (Kenwood TS-180s). . . . **WD8DSB**. Good contest this year. Tripled my contacts and only missed 4 states for WAS. . . . **WF1L**. Enjoyable rate for the two hours of operation. Nice to work CR2X almost immediately. Condx seemed good to various parts of NA. . . . **WO9S**. Mobile Wisconsin. . . . **WX9EP/M**. A great weekend: Worked many friends, good propagation, everything worked as expected, many EU QSOs in the log, warm quesadillas, good wine, etc. . . . **XE1RCS**. YS-430S, dipole. . . . **YE1ZAL**. TRX Yeasu FT-920, 80W, antenna 41.5m sloper. . . . **YL3DR**. TNX for first WW 160M Contest. . . . **YO2LIM**. I enjoyed using SD in this contest. TU