

Results of the 2006 CQ WW DX 160 Meter Contests

BY DAVID L. THOMPSON,* K4JRB

The CQ WW DX 160 Meter CW and SSB Contests continue to grow in size. This year the CW section produced a record 1516 logs. There were an amazing 113 stations that made 1000 QSOs or more and 18 stations that scored over 1-million points. Conditions ranged from great to just average, but according to Jeff, VY2ZM/K1ZM, the CW contest was exciting due to the number of stations active. The CW master log jumped to 6895 stations, or an amazing increase of 1652 stations. The DXCC + WAE count did drop to 159 entities from 163 in 2005, but most observers agree that the activity more than made up for the slight DXCC drop. Records are made to be broken, and VY2ZM (K1ZM) broke the old QSO record set in 2005 by Al, D4B, by 46 QSOs (2041 Q's versus 1995 in 2005). This is the first time 2000 QSOs have been made by one station in the CQ WW 160 on either mode. Still, DXCC in one weekend seems just out of reach. OM7M reached 88 entities, which fell short of D4B's 2005 record of 91.

On SSB, conditions were only average, with some reporting little DX (or stateside) on the band. Only five stations made more than 1000 QSOs, and the top score was only just above 500K, where we had become used to one or two breaking the 1-million mark. The master log indicated 5233 stations, an increase of 144 over 2005. The number of DXCC + WAE entities was 142, which is down six from 2005. Top DXCC-getter was HG8DX with 62. In 2006, the SSB section became two different contests, one in North America and one in Europe. However, those who really were aggressive did make some good scores. There were 702 SSB entries, which is down by exactly 100 from the 2005 record number.

Thus, combining both the CW and SSB sections, there were 2218 logs. Name another 160 contest with even half that number of entries. Get on in the 2007 contests and join the fun!

Before getting into the details of who won what, let's talk about logs. All but 101 entries were e-logs. This means that we are moving closer to a common ground to judge all logs under the same rules. Certainly the scores are closer to representing the true scores for all contestants. I know many of you struggle to produce a good Cabrillo log and get frustrated when the log keeps kicking out. If you will follow the instructions, you can make corrections and get the log in. One problem I see is that some *do not look* at the robot report and thus assume you are in the database. If you do not receive a confirmation number, then you must take steps to correct the log. If all else fails, send a message to the help e-mail listed in the rules (see the November issue of CQ and the CQ website, <www.cq-amateur-radio.com>; also see the website, expanded results, for the list of 2006 guest operators and ops of the multi stations) and you will get help! We will help you get a log in; just ask the many who have gotten assistance in the past. We want your log, no matter the size, as it helps us determine the correct score for everyone. If you don't feel the score is very good, please send in a check log. Remember that every little bit (every log) helps. Please provide an e-mail address with your entry, as you may be contacted if a question arises.

Over the past several years two disturbing trends have emerged. First, the number of NILs (Not In Logs) has increased. We expect busted calls and a few real not-in-log, but the number of real NILs has increased dramatically. Part of this is due to the number of e-logs, but almost two out of three NILs are just logged in error. Please make sure the station you hear has come back to you before you move on! Last year the exception report only allowed for 9.9% NILs. The program has been updated, as a bogus entry was submitted



Jeff, VY2ZM, the world-high CW Single Operator entrant.



Gene, KB7Q, operated in the CW contest as a mini-DXpedition from as far east in California as you can go. He used a 7-foot helium balloon to fly a 1/4-wave wire over 60 radials.

that overflowed the field and only showed a small NIL. In addition to changing the program, we also check the top 400 claimed scores for big variations. Please make sure the Cabrillo summary has a valid claimed score included.

The second trend is an increase in uniques. In the past, the average uniques per log was under 1%. This year the average on CW increased to 1.2% and SSB jumped to 1.4%. My log checker looks for more than 3% uniques and puts them on my exception report. Stations with over 7% uniques are subject to having unverified contacts removed. Four more stations were warned about excessive uniques this year, and two have been disqualified in the past few years. Please consider this a warning to the wise.

CW

Jeff went solo this time at VY2ZM and set a new North America record with nearly 2.1 million points. His score is the second highest score of all time. In addition to his record 2041 QSOs, Jeff

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reached 78 DXCC entities and 59 USA/Canada multipliers.

Yuri, K3BU, traveled to West Virginia and took N8T to the USA high Single Operator score, at 776K. Ever-present Bob, W4MYA, was second and the Zone plaque winner. K9DX made a great score from the Midwest and landed in 4th place. It took 445K to just make the Top 10 score box from the USA.

K8ND manned the PJ2T super station to the world-high DX Single Operator score, just nosing out Martti at CU2A. Seven stations made at least 1-million points, and it took 916.5K to make the Top 10. WA4PGM keyed VP9I to the world-high low-power score, and we saw N0FW in the top 10 low power at position six. OM7DX moved into the world-high QRP spot this year, with Canadian VE3DO placing second.

W4TMR paced the USA QRP entries. There was a dramatic increase in QRP entries in 2006. That took bold operators to face top band with 5 watts!

VO2AC made a splash from rare Labrador as the world-high Multi-Operator entry. The operators were VE3FU and VO1AU. The MD4K crew topped Europe for second place, and it took over 1-million points to make the Multi Op Top 10.

N4PN, K4BAI, and N4GG joined W8JI to key the W8JI super station operating as W4AN in a tribute to the late Bill Fisher. The gang just missed 1-million points (11th world high) to place as the top USA Multi-Operator. The W4AN score was a new USA Multi-Operator record. We also note that KH6ND operating KH7X smashed the Pacific record score by 300K.

There were tight Single Operator races in New York, Oregon, Washington, Wisconsin, Colorado, Minnesota, Belarus, England, Netherlands, Sweden, and Indonesia. In some cases, one more multiplier made the difference!

Close multi-operator races included teams from Massachusetts, Kentucky, Michigan, Ohio, British Columbia, Germany, Italy, Lithuania, and the Netherlands (again).

Special DXpeditions and rare single ops included 4J5A, XU1ADI, BA4RF, BA4DW, ZC4LI, HS0ZDU, UK9AA, OH0L, OY1CT, GU4YOX, GJ2A, J49W, YC0LOW, YB5AQB, and KG6DX. They added spice on CW. Kudos to rare CW Multi-Operator stations, including 4U1WB, VO2AC, CT3FN, 5B4AIA, MD4K, HB0/T94DX, and Z37M. The ZL6QH gang turned in one of the better New Zealand efforts in recent years.

Last, Dave K0DI, continues to turn up almost anywhere. He operated as portable KH6 on CW and portable KP4 on SSB. In the past he has operated from Georgia, California, Nebraska, and Rhode Island. Where next, Dave? How about Antarctica!

SSB

The world-high Single Operator score was turned in by OH1RY operating EA8AH. He

TOP 10 SCORES			
SINGLE OPERATOR			
USA CW	USA SSB		
N8T	776,424	K8V	384,705
W4MYA	653,499	K1LZ	223,744
W4ZV	617,463	N3HBX	221,195
K9DX	581,152	W3BGN	179,690
AA1K	553,707	KY5R	176,099
N2NT	512,533	N4PN	163,944
KD4D	484,205	W4MYA	160,381
WE3C	474,150	W3TS	151,940
NQ4I	458,469	KU1CW	144,072
N4AF	445,400	W3GH	142,121
VE (TOP 5)			
CW	SSB		
VY2ZM	2,088,976	VA3YP	225,603
VE3EJ	993,375	VE3PN	156,816
VE3DZ	804,559	VE3MGY	151,670
VE3TA	765,624	VA3DX	107,880
VE2TZT	600,490	VE3XN	102,872
QRP (TOP 5)			
CW	SSB		
OM7DX	250,920	W4TMR	34,202
VE3DO	201,402	S57D	25,812
SP1GZF	174,804	VE6EX	25,536
SP6GCU	143,488	KC2NTB	22,860
OL4W	117,990	NK8Q	14,175
DX CW		DX SSB	
PJ2T	1,303,965	EA8AH	504,450
CU2A	1,252,096	P40W	363,545
M2D	1,033,218	HG3M	347,440
7X0RY	1,028,610	KV4FZ	299,026
M5X	1,019,874	YT0A	282,450
EA6IB	1,009,953	SP3KEY	280,976
OK1RF	1,002,932	S57DX	239,470
MP4A	989,750	IZ4DPV	230,454
SN7Q	922,990	S50A	196,980
OH0L	916,596	OE9XRV	177,118
LOW POWER (TOP 6)			
VP9I	373,230	VA3YP	225,603
4J5A	352,716	VE3MGY	151,670
OM3OM	345,861	DL1Z	138,159
VE3CSK	339,703	N0FW	112,910
J49W	332,670	SP5ZIM	88,322
N0FW	332,667		
WVE QRP (TOP 3)			
W4TMR	52,762		
K9CS	45,628		
W8VE	41,831		
MULTI-OPERATOR			
CW (WW)	SSB (WW)		
VO2AC	1,473,290	4L0G	451,306
MD4K	1,194,219	HG8DX	416,584
CT3TN	1,166,368	C6ANM	392,380
OM7M	1,143,680	RK2FWA	369,892
RK2FWA	1,135,022	TM9Z	309,285
ON4UN	1,093,432	S57M	295,464
HB0/T94DX	1,051,947	XE1RCS	287,448
IV3OWC	1,028,526	WE3C	253,276
HA3O	1,021,972	N2CW	248,216
5B4AIA	1,008,192	ND8DX	238,791
W4AN	977,932		

2006 PLAQUE WINNERS AND DONORS

SINGLE OPERATOR CW

WORLD BY W4ZV (DJ8WL MEMORIAL): Winner Jeffrey T. Briggs, VY2ZM (K1ZM).

USA BY K4TEA: Winner Yuri Blanarovich, N8T (K3BU).

CANADA BY K8FC: Winner John Sluymer, VE3EJ.

ZONE 3 BY N5IA: Winner George A. Cutsogeorge, W2VJN.

ZONE 4 BY K4WA: Winner John W. Battin, K9DX.

ZONE 5 BY N4PN: Winner Robert S. Morris, W4MYA.

AFRICA BY WS9V: Winner Pubal Frantisek, 7X0RY.

ASIA BY K4SX: Winner Valentin Benzar, C4M (5B4AGM).

EUROPE BY K9DX: Winner Martti Laine, CU2A (OH2BH).

RUSSIA BY RZ3AA: Winner John Nalbandyan, RA6AX.

OCEANIA BY K9DX: Winner Pacific Contest Club, KH7X (Operator KH6ND).

SOUTH AMERICA BY W4NU (W4UUH Memorial): Winner Caribbean Contesting Consortium, PJ2T (Operator K8ND).

JAPAN BY W4ZV (JA1XAF Memorial): Winner Masaki Okano, JH4UYB.

NORTH AMERICA by CQ (N4IN Memorial): Winner Pedro J. Piza, Jr., NP4A (Operator WP3C).

SSB

WORLD BY N4NX: Winner Pekka Kolehmainen, EA8AH (OH1RY).

USA BY K4JRB: Winner Yuri Blanarovich, K8V (K3BU).

CANADA by TBA: Winner Kasim-Raco Hirkic, VA3YP.

ZONE 3 BY N4TMW: Winner Mitch Mason, K7RL.

ZONE 4 BY N4XMX: Winner Tim Wininger, KY5R.

ZONE 5 BY K1PX: Winner Krassy Petkov, K1LZ.

AFRICA BY WB2ZNH: Winner Pubal Frantisek, 7X0RY

ASIA BY NT4TT/AH2BE: Winner Henry Litvinov, UA9ACJ.

EUROPE BY WS9V: Winner Vajda Istvan, HG3M (HA3MY).

OCEANIA BY D4B/4L5A: Winner Pacific Contest Club, KH7X (Operator KH6ND).

SOUTH AMERICA BY D4B/4L5A: Winner John Crovelli, P40W (W2GD)

NORTH AMERICA by CQ (K2EEK Memorial): Winner Herbert Schoenbohm, KV4FZ.

MULTI-OPERATOR CW

WORLD BY N4RJ: Winner Christopher L. Allingham, VO2AC.

USA BY W8UVZ, W0CD, and K8GG: Winner: South East Contest Club, W4AN.

Zone 3 by 4X4NJ: Dixie DX and Contest Club, NM7D.

SSB

WORLD BY SOUTHEASTERN DX CLUB: Winner Radio Club and Contest Station, 4L0G.

USA BY WB9Z: Winner John E. Rodgers, WE3C.

Zone 3 by 4X4NJ: Winner Jacks Peak Amateur Radio Association, N7GP.

took advantage of reaching both Europe and North America to score 504.5K points. W2GD again used his P40W Aruba call for a solid second world high and South America plaque-winning score. Except for KV4FZ (North America winner and 4th place), the rest of the world Top 10 were Europeans.

Yuri, K3BU, again traveled to West Virginia and used another special call, K8V. Yuri was the USA winner by over 160K. Congratulations to Yuri for his dual USA win in 2006. K1LZ and N3HBX waged a tight battle for USA runner-up, with Krassy edging out N3HBX by 2.5K. It was good to see two Zone 4 stations, KY5R (Alabama) and KU1CW (Missouri), make the USA Top 10.

VA3YP was a double winner, topping both Canada and world-high low-power. N0FW topped the USA low-power entries and finished 4th world high. Chuck, W4TMR, had his many QRP efforts rewarded by easily winning the world-high QRP category. S57D was second, and the remaining three top five were all in North America (VE6EX, KV2NTB, and NK8Q).

We move to Georgia in Asia for the world-high Multi-Operator score at 4L0G. Taking advantage of the 10-point QSOs, they beat second-place HG8DX by nearly 35K. WE3C edged out last year's high USA Multi-Operator station N2CW by 5K. ND8DX was not far behind. The USA stations filled out the world Top 10 by placing 8th, 9th, and 10th. C6ANM set up virtually Field Day style



Dan, W8CAR, CW Single Op, High Power from Ohio.

and placed 3rd the top North America score.

Close Single Operator races on SSB included stations in Pennsylvania, Tennessee, Utah, Washington, Illinois, Colorado, Minnesota, England, Germany, and Sweden and Brazil (a tie). Close Multi-Operator races were noted in California, Ohio, Ontario, and Italy. Thanks to these rare or semi-rare single operator stations for adding spice to the SSB competition: HR2DMR, 7X0RY, 9K2HN, EX8AA, AP2IA, TA1CM, and ZP9/N3BNA. Good multi-operator multipliers included 4L0G, YM7M, and YE1ZQT.

We need a little propagation magic in 2007 to pick up the SSB section. Over the past few

years, QRN and bad propagation have damped the SSB weekend. However, as AA1K did note in the QRM, SSB contestants went up to the top of the band. Please try to avoid any nets above 1890 and don't get into arguments with rag chewers. Let's keep 160 the "gentleman's band."

Clubs

The Bavarian Contest Club ran away with the top club score with nearly 16.5 million points. The top USA club was the ever-present Potomac Valley Radio Club with 10.4 million points. Twenty-seven clubs scored more than 1-million points this year. In fact, it took almost 4-million points to make the Top 10. How do the top clubs get to where they are? They get virtually everyone to turn out, no matter what their score. The top clubs usually have a contest manager who makes sure the scores are in and sometimes even corrects the logs of a station or two.. Suppose your club had ten stations turn out last year then got 15 to turn in scores this year. Each additional log increases the club's score. It's amazing how small increases can move up your club several positions! You say your club is not on the list, but you know a station or two put the club in the club box. Well, make sure that there were at least three entries. The UA2 Contest Club is famous for the most score for the fewest entries. Can you top that club? The club

CLUB SCORES

(Minimum of 3 three entries required for listing)

CLUB	SCORE	
BAVARIAN CONTEST CLUB.....	16,460,504	.651,479
POTOMAC VALLEY RADIO CLUB.....	10,389,232	601,403
YANKEE CLIPPER CONTEST CLUB.....	8,562,729	598,295
FRANKFORT RADIO CLUB.....	8,338,265	598,239
RHINE-RHUR DX ASSO.....	7,077,820	529,176
CONTEST CLUB ONTARIO.....	6,870,750	503,760
SLOVENIAN CONTEST CLUB	5,266,545	501,278
CONTEST CLUB FINLAND.....	4,774,240	480,435
MAD RIVER RADIO CLUB.....	4,597,243	473,426
SOCIETY OF MIDWEST CONTESTERS	3,906,451	461,106
SOUTH EAST CONTEST CLUB.....	3,369,880	383,094
KTU RADIO CLUB (LY).....	2,823,228	374,421
WORLD WIDE YOUNG CONTESTERS	2,422,286	334,392
SP DX CLUB	2,393,660	330,811
UA2 CONTEST CLUB.....	2,299,707	308,610
UKRAINE CONTEST CLUB.....	2,147,240	307,932
TENNESSEE CONTEST GROUP.....	1,800,073	301,396
NO CALIFORNIA CONTEST CLUB.....	1,578,845	294,726
FLORIDA CONTEST GROUP.....	1,541,329	281,381
EAST COAST CANADA CONTEST CLUB.....	1,535,302	269,727
MINNESOTA WIRELESS ASSN.....	1,432,567	233,859
CHILTERN DX CLUB (UK).....	1,400,048	232,972
LATVIAN CONTEST CLUB.....	1,395,395	200,894
HUDSON VALLEY CONTESTERS AND DXERS	1,367,697	198,733
LIMA ALPHA CONTEST CLUB (LA).....	1,255,222	186,712
CROATIAN CONTEST CLUB	1,181,811	164,449
SKY CONTEST CLUB.....	1,140,779	132,855
TARTU CONTEST TEAM.....	1,068,448	110,432
DARC.....	998,544	108,667
CRIMEA CONTEST CLUB.....	981,755	104,358
NORTH TEXAS CONTEST CLUB.....	972,700	98,274
HADXC (HUNGARY).....	852,490	95,654
VRHNIKA CONTEST CLUB.....	832,654	91,557
LOWLAND CRAZY CONTESTERS (PA).....	765,570	76,129
READING AND DISTRICT ARC (UK)	734,508	47,027
LOW COUNTRY COMTEST CLUB (SC).....	721,139	36,209
RUSSIAN CONTEST CLUB.....	707,958	20,938
BRITISH COLUMBIA DX CLUB	671,362	

competition is a "for fun" competition with no trophies or certificates awarded. However, you can bet it's a serious activity within the CQ WW 160 contests. Pride and prestige are at stake. Remember that a club can leverage a DXpedition, and you can split the score between clubs. Just tell us how you want it split!

Certificates and Trophies

Every so often, the rules for trophies and certificates are changed to meet conditions. Only one plaque per section is awarded per entrant. The runner-up gets a plaque for a country or continent. No plaque is awarded for a score of less than 30K. Minimums for Low Power and QRP category certificates are 5K for Low Power and 1K for QRP. Exceptions are made by CQ 160 Committee decision (Japan Low Power, for instance). The CQ 160 Contest Committee or the Contest Director can decide to not award a certificate if enough effort is not shown (usually a very low score). A runner-up in either a state, province, or country can be awarded a second-place certificate if there are eight or more entries and the score is 100K or more. Please have patience, as volunteers handle all plaques and certificates.

Helpers

Thanks to Eddie, W6/G0AZT; Jim, AD1C; Dave K8CC; and Bob, W5OV, for their help with the logs. Dave, KM3T, ran the robot



Yuri (K3BU) used the W8RL super 160 station to operate N8T on CW and K8V on SSB. He was high USA on both modes.

again this year and helped solve Cabrillo problems. My wife Jean assisted with Microsoft issues and assisted in getting the results to CQ. Thank you to CQ Managing Editor Gail, K2RED, for coordinating all of the material and making it ready for publication. Also, thanks to everyone for the logs.

The 2006 CQ WW 160 Meter Contest is dedicated to Larry Lindblom, W0ETC, and all the recent Silent Keys.

The 2007 Contests

The dates for the 2007 CQ WW 160 Contests are set. CW will be January 27–28. The SSB section will be February 24–25, 2007. The contests run from 0000Z the first date to 2359Z the second date. Logs can be

submitted as hand logs to CQ or in Cabrillo format via e-mail. You may also submit electronic logs on diskette (3.5 inch, please). We must hold everyone to our required deadlines for log submission of February 28, 2007 for CW or March 31, 2007 for SSB. Please clearly mark envelopes for hand logs as SSB or CW. Computer-generated hand logs must include a diskette to be considered. Snail-mail logs must bear a postmark no later than the deadline for consideration. Send all hand logs to CQ 160 Meter Contest, 25 Newbridge Road, Hicksville, NY 11801.

For the 2007 contests, electronic CW e-logs go to <160cw@kkn.net> and SSB e-logs go to <160ssb@kkn.net>. Remember to put your callsign in the subject line of the e-mail. The call is put into the master database to make sure it matches the call of the entry. Name the log call.log (K4JRB.LOG, for example).

See you all in the 2007 160 Meter contests! 73, Dave, K4JRB

W/VE CW QRM

It's amazing what can be done with 5 watts ... **K0PK**. Never heard the East Coast with my modest antenna ... **W0RMA**. The number and strength of signals reminds me of 10 meters at the other end of the sunspot cycle ... **WB0**. First Hawaii on 160. What a thrill ... **K1BV**. Still stuck on 49 states, as no KL7 again. ... **N2FY**. G5RV through a tuner is mostly a cloud warmer but still had great fun ... **W2OB**. First contest in 35 years. Lots of DX did not hear me. Will have a better antenna next year ... **W2RR (Op. WA2AOG)**. A fun contest. With my little Drake T4X and 40 meter Vee even worked some DX ... **AA3I**. Rusty on CW so only answered CQs ... **WA3FWA**. Sunday evening was best for DX. Even got a new one (T9) in the contest this year ... **N4MM**. K4OGG in Georgia was awful popular, as at least a dozen stations I worked came back with his call ... **W4OGG**. Great conditions and all my antenna work over the summer paid off, as I had my best score ever ... **W4TMR**. QSOed CU2A for number 111 top band mobile ... **KH6DX/Mobile**. Just working UA0DC made it worth it ... **N6HY**.

My 53rd year of contesting as W6PLH, K2DGT, and now W6PU ... **W6PU**. The band was wall to wall with great operators ... **W7HS**. Let's do away with RST and use first year of license for a meaningful exchange ... **W8IM**. Log submitted in memory of W9WUU ... **W9GXR**. Worked 50 states and DC plus 12 countries. Just need a better DX antenna ... **WA9TZE**. PJ2T was my best DX ... **VE3CRU**. I am amazed at 160 being open at mid day ... **AC9S**. A good antenna nearly quadrupled the score ... **AE7DX**. Worked several Japanese stations at morning greyline. My new dipole at 85 feet seems to work well ... **AF7Y**. Hope the new states I worked will upload their logs to Logbook of The World ... **K0HW**. Enjoyed the elusive 160 spotlight here in Ohio for the last two hours of the contest ... **K1LT**. Ran 5 watts, 100 watts, and 1.5 KW in my first big effort on 160 ... **K2TA**. Saturday night I got my first real taste of 160 DX ... **K3STX**. Thrilled to make my first West Coast contact with 5 watts ... **K3TW**. Worked F5IN 45 minutes before sunset on Sunday evening ... **K5BG**.

Worked 81 Europeans despite line noise from the northeast direction, which is usually a quiet direction ... **K5RX**. My personal best 160 score with 73 JA's worked along with 15 countries. Nothing from the main of Europe, however ... **K6NR**. Where did South America go? Only worked PJ2T ... **N4WW**. Used a 330 foot balloon vertical this time. No QRN in the desert ... **NF6V**. Worked Steve, W7QC, on my dummy load ... **NW7DX**. Increased activity made this contest enjoyable ... **VY2ZM**. Highlight was working KH7X with 5 watts and a 3/8-wavelength inverted L ... **W8VE**. Thanks to K6IDX for allowing us to operate at his QTH ... **W6OAT**. Conditions were the best ever seen on 160. After 4.5 hours over 350 QSOs had been logged. I even logged two European contacts, a first for me. Next season I need a low-noise receive antenna. This contest was a blast ... **K7RE** (South Dakota). Used a balloon vertical in the bad lands near Imperial Dam, California. This is about as far east in California as you can get. Boy is it quiet there on receive. ... **KB7Q**. Was surprised to work 44 states. Hope I gave Vermont to a few ... **W1ECH**. Local storm QRN kept my score down ... **K9FO**. Because of a business trip I could only work Saturday night ... **K0KT**. Good conditions both nights. But for some reason my score was down from the past two years. Worked WAS the first night but missed VE4, VE8, and VY1 ... **AA1K**.

DX CW QRM

We suffered from a constant powerline noise that was close to our antenna. We could not dig out the weak ones due to this. We will be back next year with an improved station ... **CT3FN**. Another great contest. Low point was falling asleep the first night. Highlight was working N7FU in Colorado well before his sunset. See everyone next year ... **GU4YOX**. Great to be here for another "Top" battle. Still need to improve the receive capability. CU next year. ... **P14COM**. Worst conditions for me in years. Fed up with my nonexistent rate I packed it in and went to bed ... **V25G (Op. G4RCG)**. Thanks for all the QSOs. I hope to better compete on 160 very soon. I only have 80 watts and a shunt-fed 40 foot tower ... **XE1GRR**. Our 160 regulations have changed in Germany. Restrictions for contests are 1810 to 1850. So I tried following restrictions and 150 watts. I noticed many DL's operating illegally above 1850 ... **DL9YX**. I moved to a hilltop QTH in Saitama for the contest. I then installed

a vertical L which worked well for receive but not too good on transmit with only 50 watts. But I really enjoyed my first 160 contest ... **JE1CKA**. Conditions from 12 degrees north of the equator are always challenging on top band with noise always present. Thanks to all who worked me. Apologies to all who were unable to reach me, and what's wrong with the rest of you? ... **PJ2T (K8ND)**. I used a micro antenna only 3.6 meters in length. But performance is almost equal to a dipole. Hard to make a good score from Japan as I hear only US West Coast, Pacific, and Asia ... **JE1SPY**. Improved our score by 10%. Key clicks from signals made it tough to copy weaker stations ... **YT0A**. Well, are there any conditions at all from Southeast Asia? ... **XU1ADI (Op. SM5GMZ)**. Don't know which is more difficult, working stations or getting the contest logger to work ... **UR3LPM**. Only worked continents ... **ON5JD**. You must run high power to have a good score. 25 watts does not cut it ... **OM3BA**. Really helpful to have more Beverages this year ... **OK1RF**. We put up another Beverage to the west, which really paid off ... **MD4K**. Glad to work two VE's with my 10 watts ... **M3CVN**. Antenna was poor but Super Duper logger was great ... **M0AJT**. Good operators, good conditions ... **EI6IZ**. Could not get the antenna to match through the tuner so ran only 20 watts. Had fun anyway. ... **DP7A**.

W/VE SSB QRM

After awhile I thought my callsign was "try again." What fun anyway ... **K0SRL**. Went over my last year's score by a large amount ... **KB0ARZ**. QRP is a challenge ... **W0MTW**. I run into many of the same operators in the VHF contests. I do need to raise my dipole or build a vertical for DX, and construct a beverage for receive ... **AF1T**. Would have loved to work that guy from Montana but now wish I had the hour back I used calling him. Only the second time I operated 160 since I got my ticket in 1990 ... **N1NFG**. Finally working Alaska ... **KR4BD**. My first 160 contest since the 1970s. Boy have things changed ... **W4JVY**. I had a great time the first night but QRN the second night kept my score down. New receiving setup helped to find holes in the band and even run stations at times with my QRP ... **W4TMR**. This was the first time for my 3-500 amp on 160. The variable cap would arc on voice peaks. This required adjusting the plate supply to cut the power to stop the arc ... **WA5FRF**. Just put up my loop and contacted KL7RA. This was my first contest on 160 ... **WA7NTU**. Not as many VE's this time. Worked all states and DC on both SSB and CW this year. Now to get the QSL cards ... **WA9TZE**. Another part-time effort from the camper ... **KD0**. Equipment failure right out the gate. Unable to use the F keys and .wav voice files ... **K7OX**. Did not have time to actively participate but was surprised at how well 100 watts made QSOs ... **K5PTC**. Poor conditions made QRP more of a challenge ... **K3TW**. Found clear spots at 1990 and 1995 kHz to make a few QSOs ... **AA1K**. Wall to wall strong signals. The new 3-element Yagi (*what?*—*ed.*) seemed to do well into Europe and heard better than the beverages ... **N3HBX**. Enjoyed the contest even with antenna problems on Sunday. Can't wait til next year ... **N4SEA**. Heavy QRN the first night and poor propagation the second ... **N7GP**. Friday night no QRN but no DX propagation ... **N8IE**. Twelve-year-old KE7FXF was probably the youngest ham to operate the contest. He had about 4 hours sleep each night ... **NF7E**. Operated from the W2WHP contest station located at a Boy Scout camp on Staten Island, New York ... **NN2W**. Score was down this year due in part to the camaraderie between old and new members. The 160 Delta Loop had a good tryout. Will be back next year to work more stations ... **VE3DC**. Conditions were much worse than the CW section in January. Lack of JA SSB privileges makes this a painful event on the West Coast ... **WA7LT**. I got on to test a voice keyer and started a run ... **W1JQ**. Finally a computer log ... **W3TS**. Conditions good Friday but slow on Saturday and Sunday ... **W4PV**. Had a bad case of bronchitis so only made a few contacts ... **K8NWD**. Only had one Beverage. Sorry to the West Coast stations we could not hear ... **K5ZG**.

DX SSB QRM

With a brand new 4-square antenna we had a nice contest. Conditions were good the first night but only so so the next ... **TM7Z**. We built our operating site on the beach on Eleuthera Island. Great conditions before the contest on Wednesday and Thursday but only fair on Friday. QRN forced us to quit early on Sunday morning. We held pile-ups in Europe and North America. Could have broken 1000 Q's if the RX antenna had worked better and no generator noise ... **C6ANM**. Took my son to a carnival then found that my power supply failed ... **SV1GRD**. Ran a Field Day type operation with a dipole strung over a 100 foot pine tree ... **ZP9/N3BNA**. Great day to operate with very bad weather outside ... **HB9LC**. Used a GP antenna with a height of 204 meters ... **4L0G**. Operated on temporary status in Pakistan. Also ST2T/S57CQ ... **AP2IA**. Special receive antennas were superb and helped make a lot of extra Q's ... **G3UEG**. Too many stations had loud transmit but could not hear ... **DL7UMK**. Limitations in band coverage and power made operating hard in Germany ... **DJ1AA**. Interesting how many stations could be contacted on 160 ... **DK2ZJ**. My first time using Beverages for receive which helped a lot ... **OE9XRV**. Using a 80 meter dipole as an antenna is not a good idea. Next time with a 160 up ... **S57S**. Our eleventh year to participate ... **XE1RCS**.

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