

Results of the 2006 CQ WW RTTY DX Contest

BY GLENN VINSON,* W6OTC, AND PAOLO CORTESE,† I2UIY

The 20th annual CQWW RTTY Contest was held September 23–24, 2006, with another record number of entries, this year totaling 1565 logs (only two of which were paper logs), up more than 200 over last year's record number of submissions. Scores above 20 MHz (and, as a consequence, most all-band, single-op scores) were mostly lower than in 2005, but overall more than 652,000 QSOs (compared to about 615,000 in 2005) were processed. We will have to see what 2007 CQ WPX RTTY Contest produces, but again this year the CQ WW RTTY Contest received more entries than any other RTTY contest in history, despite solar Cycle 23 inching toward its minimum. This time the solar flux index averaged about 78 during the contest period, slightly lower than 2005. Present predictions from NOAA are that the absolute minimum for this cycle will occur in September 2007 with a predicted SFI of 74.3. Accordingly, we may well see improving conditions on the higher bands—and perhaps 2000 logs—starting with the 2008 contest season, which CQ WW RTTY, occurring at the fall equinox, annually inaugurates.

Although 20 and 15 meters again provided the largest number of contacts, 40 meters was remarkably close behind, with numbers almost equaling those on 15 meters. Fifteen years ago, 40-meter and 80-meter RTTY activity was concentrated in Europe. Today, we see that activity spread virtually worldwide, with large stations routinely working more than 1000 contacts on 40 meters and more than 700 on 80 meters.

Given this incredible increase in RTTY contesting activity, we see the major bands being filled more and more outside of the traditional 15–30 kHz spread on each band. On 80 meters, activity now seems to gravitate around 3570–3600 kHz, with excursions down to 3520–3525 to accommodate the JA band plan. On 40 meters, activity now ranges from 7025 (remember the JA band plan at 7025–7030 kHz) to 7080 kHz or up to 7100 kHz in North America. On 20 meters, activity ranges all the way from 14055 to at least 14125 kHz. The spreads on 15 and 10 meters recently have not been as wide because the solar flux has been low, but one can expect to see 200-kHz spreads on those bands as the solar flux rises in Cycle 24. While these are great and inevitable reflections of annually increasing RTTY contesting activity, we should be mindful of the activities that are fixed on certain frequencies on each band and try to avoid those frequencies. A prime example is the NCDXF/IARU beacons that are located worldwide on 14100. These beacons are, in fact, a good tool for you to know what areas are open to your location at any time of the day—and particularly what areas may just be opening but not yet recognized by local operators. The beacons operate at low power and are easily overwhelmed by any RTTY operation on frequency. For details look at <www.ncdxf.org/beacons.html>. The NCDXF/IARU beacons on 15 meters and 10 meters are located at 21150 kHz and 28200 kHz, relatively higher in each band, but still potentially within the portion of each band where RTTY contesting occurs.

Other frequencies worth avoiding to maintain good relations with our fellow hams are the QRP calling frequencies, located at 14060, 21060, and 28060 kHz. Again, the low-power nature of these operations make competition with RTTY signals very difficult.

Single Operator

Single-Op All-Band High Power. A European again snagged the Single Operator, All band, High Power championship, but North



The Ukrainian 2006 World Cup Soccer Team. Number 11 is Sergey Rebrov, ER4DX (UT5UDX), World Single Op All Band High Power CQ WW RTTY champion.

American stations did relatively better within the top 5. The world champion this year was a Ukrainian operating from Moldova, ER4DX (op: UT5UDX), scoring 3,328,864 points (2,626 QSOs, 539 mults). You international soccer fans may know UT5UDX as Sergey Rebrov, a very famous soccer player on the Ukrainian national team at the last World Cup held in Germany. Close behind was veteran U.S. contester Tyler, K3MM, who scored 3,107,952 points (2,402 QSOs, 573 mults). SN7Q was world third, with 2,675,139 points (2,181 QSOs, 499 mults). World fourth was VE3DZ who scored 2,584,008 points (2,037 QSOs, 504 mults). Zone 17, in far West Asia, was again represented in the top 5, with UA9CLB scoring 2,531,192 points (2,094 QSOs, 428 mults).

Single-Op Assisted All Band. As was the case last year, Europeans dominated the top ranks of Single-Op Assisted. IK4MGP won the category with a score of 3,094,938 points (2,050 QSOs, 609 mults). LZ8A was in second place, scoring 2,733,056 points (2,170 QSOs, 544 mults). Coming in as world third was F5CWU, who scored 2,363,935 points (2,042 QSOs, 493 mults).

Single-Op All Band Low Power. SOL scores, like SOH and SOA, decreased somewhat compared to 2005. Repeating as world champion was Wanderley, ZX2B (PY2MNL), with a score of 2,897,208 points (1,857 QSOs, 526 mults). Nick, P40KM (W4GKM) won second place this time, scoring 2,159,111 points (1,777 QSOs, 409 mults). Last year's world second, CN8KD, dropped to world third, with a score of 1,805,552 points (1,540 QSOs, 392 mults).

Single-Op 10M. Continuing as world 10-meter champ, John, LU1HF, scored 156,500 points (1,252 QSOs, 125 mults). LW1HDJ was in second place with 15,732 points, while CT1FJK scored 5,338 points for third.

Single-Op 15M. Unlike 2004 and 2005, 15 meters produced no new records in 2006 as worldwide MUF continued to decrease for most of the daytime. This year CT3EN won SO-21 with 576,462 points (1,111 QSOs, 174 mults). In world second was AY8A,

*e-mail: <w6otc@garlic.com>

†e-mail: <i2uiy@cqww.com>

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scoring 487,859 points. L44DX won world third with a score of 388,056 points.

Single-Op 20M. Unlike the higher frequencies, 20-meter scores continued to increase in 2006. For the third year in a row, a new world record was established, with the top three finishers this time all exceeding the world record set just the prior year by CT3IA. The winner, and new world record holder, was 9A5W who scored 868,020 points (1,672 QSOs, 204 mults). CT3KY scored 856,560 points (1664 QSOs, 172 mults), while 7XØRY scored 812,175 points



Dave, NJ4F, Single Op All Band High Power entrant, burning the midnight oil during the contest.

(1,551 QSOs, 175 mults), a new Africa SO-14 record. World fourth, and almost equaling last year's world record, was EF8A (op: EA8AUW), scoring 749,784 points.

Single-Op 40M. Continuing with a trend begun in 2003, scores on 40 meters moved significantly higher with many old records falling around the world. As on 20 meters, the top three finishers all beat the 2005 world record set by 7XØRY. On top with the new world record was S57AW who scored 573,522 points (1,307 QSOs, 183 mults). Close behind in world second was I4IKW with a score of 514,230 points (1,158 QSOs, 183 mults). Close behind in third place was another Italian, IY4W (op: IK4MHB), scoring 498,575 points (1,235 QSOs, 175 mults). CT3EE, in world fourth, almost reached the 2005 world record with a score of 488,130 points. We expect 40 meters will continue to be hotly contested in 2007, with a new world record again likely to be set.

Single-Op 80M. As on 20 meters and 40 meters, the top three finishers on 80 meters all broke the 2005 world record. This time the new world record was set by the existing record holder and multi-year 80-meter champion, Tone, S54E, who scored 185,832 points (737 QSOs, 116 mults). In second place was fellow Slovenian, S50A, with a score of 173,715 points (729 QSOs, 111 mults). IQ1RY (op: IK1HXN) repeated as world third with 163,632 points (688 QSOs, 112 mults). Note the close results both in QSOs and multipliers. As on 40 meters, the 2007 contest looks likely to produce more good competition and another new world record.

Multi-Operator

Multi-Op Multi-Transmitter. This time the MOM class grew to nine entries with one new record. The overall winner was YT6A (ops: IV3TMV, IV3YWT, S50XX, S50YL, S52X, YT6A, YT6Y) with a score of 5,757,143 points (3,885 QSOs, 623 mults). In world second was 2005's Multi-Single High Power winner UU7J (ops: UUØJM, UU1AZ, UU4JDD, UU4JMG, UU8JK, UT4ZX, UT5UGR, UR5FEO, UTØFT, UTØFF, UT9FJ, UR5FEL, UU5MAF) which made a score of 5,555,443 points (3,588 QSOs, 667 mults). The new record was set in Oceania, where KH7X (ops: KH6YY, KH6ND, KH7U, AH6RH,

AH6OZ) beat the 1998 KH6R Oceania record by more than 50%, scoring 4,444,470 points (2,696 QSOs, 558 mults).

Multi-Op Two Transmitter. The M2 class winner continues to be the highest scoring station in CQ WW RTTY, and this year the competition for top place was close indeed. Knocking HC8N out of first place, EA8AH (ops: RD3AF, RX3DU, RZ3AZ) won world M2 with a score of 9,491,300 points (4,537 QSOs, 700 mults). This is a great result from the Canary Islands. The HC8N crew (K6AW, W6OTC, XE1KK, WK6I) was second at 9,271,164 points (4,433 QSOs, 703 mults). World third was Z37M (ops: Z31GX, Z31MM, Z32ID, Z35T, Z36W) which scored 3,569,682 points (2,835 QSOs, 543 mults).

Multi-Op Single Transmitter All Band High Power. The unique rules of the RTTY Multi-Operator Single Transmitter class continue to produce a large number of entries every year, particularly from European stations. This time the players were somewhat different than in 2005 and the scores were not quite as high. The winner was OM8A (ops: OM2KW, OM2VL, OM3BH, OM3NA, OM3RM, OM7JG) which scored 4,277,004 points (2,665 QSOs, 642 mults). In world second was HG1S (ops: HA1TJ, HA1DAI, HA1DAC, HA1DAE), scoring 4,063,760 points (2,606 QSOs, 632 mults). RU1A (ops: RK1AM, UA1AKC, RW1AC, UA1ARX, Yuri) came in third with a score of 3,413,797 points (2,402 QSOs 613 mults). As we mention

annually, the 1999 KH7R Oceania (2.8mm points) and 1996 TY1RY Africa (2.7mm points) MOH records continue to survive without serious challenge.

Multi-Single All Band Low Power. As in MOH, the MOL results were not as good as in 2005. The winner, moving up from second in 2005, was UT3HWW which competed with only two operators (UT4HZ, UZ7HO) and scored 1,260,280 points (1,473 QSOs, 392 mults). Moving up from world third in 2005 and improving its score from last year was second place winner, KP2D (ops: NP2W, NP2DZ, KP2VI, NP2DJ), with a score of 1,143,325 points (1,107 QSOs, 415 mults). In third place was UN8LF (ops: UN9LEZ, UN7-034L, UN9LCN), scoring 825,360 points.

Clubs

This time, thanks to the efforts of Mike, K4GMH, the Potomac Valley Radio Club agreed to sponsor a new category of plaque for CQ WW RTTY (as well as for CW WPX RTTY): Club Competition. Many people designated their clubs in the Cabrillo header, but one club, the

2006 CQ WW RTTY CONTEST PLAQUE SPONSORS AND WINNERS

Single Operator High Power

World: Sponsored by John (Bob) Orton, WA6BOB. Winner: ER4DX (Op: Sergey Rebrov, UT5UDX)

N.A.: Sponsored by Wayne King, N2WK. Winner: Tyler Stewart, K3MM

USA: Sponsored by Joseph Young, W6RLL. Winner: Terry Gerdes, AB5K

Oceania: Sponsored by Steve (Sid) Ceasar, NH7C. Winner: John Plenderleith, 9M6XRO

Europe: Sponsored by Andrei Stchislenok, EW1AR-NP3D (in Memory of EU1MM). Winner: SN7Q (Op: Krzysztof Sobon, SP7GIQ)

S.A.: Sponsored by Radio Club Cordoba, LU4HH, and Juan Fedelich, LU3HY. Winner: Rene Giorda, LU7HN

Asia: Sponsored by Darrell Penrod, K9MUG. Winner: Vadim Ovsyannikov, UA9CLB

Single Operator Low Power

World: Sponsored by Don Hill, AA5AU. Winner: ZX2B (Op: Wanderley Ferreira Gomes, PY2MNL)

N.A.: Joseph Young, W6RLL. Winner: Alfredo Velez, WP3C

USA: Sponsored by George Johnson, W1ZT. Winner: Michael McAmis, W1ECT

S.A.: Sponsored by Trey Garlough, N5KO. Winner: Nick Smith, P40KM

Europe: Sponsored by George Johnson, W1ZT. Winner: Vladimir I. Postnikov, UA3BS

Asia: Sponsored by Jim Reisert, AD1C. Winner: Paul Gross, 4X2Z

Single Operator Assisted

World: Sponsored by Mike Sims, K4GMH. Winner: Fulvio Tumidei, IK4MGP

N.A.: George Marsloff, K4GM. Winner: Mike Sims, K4GMH

Single Operator Single Band

World 28 MHz: Sponsored by Steve Hodgson, ZC4LI. Winner: John Morandi, LU1HF

World 21 MHz: Sponsored by Charles Anderson, KK5OQ. Winner: Antonio Duarte Gomes, CT3EN

World 14 MHz: Sponsored by Dean St. Hill, 8P6SH. Winner: Nikola Percin, 9A5W

World 7 MHz: Sponsored by Neal Campbell, K3NC. Winner: Robert Bajuk, S57AW

World 3.5 MHz: Sponsored by Glenn Vinson, W6OTC. Winner: Tone Crv, S54E

Multi-Op Single Transmitter Low Power

World: Sponsored by David Robbins, K1TTT. Winner: UT3HWW (Ops: UT4HZ, UZ7HO)

Multi-Op Two Transmitter

World: Sponsored by CQ magazine. Winner: EA8AH (Ops: RD3AF, RX3DU, RZ3AZ)

N.A.: Steve Marchant, K6AW. Winner: K1TTT (Ops: K1MK, K1TTT, KB1JZU, KM1P, N1MGO, W1TO)

Multi-Op Multi-Transmitter

World: Sponsored by KA4RRU RTTY Team. Winner: YT6A (Ops: IV3TMV, IV3YWT, S50XX, S50YL, S52X, YT6A, YT6Y)

Club Competition

World: Sponsored by the Potomac Valley Radio Club. Winner: Bavarian Contest Club (DL)

TOP SCORES

Single Op High Power

ER4DX (Op: UT5UDX).....	3,328,864	VE3DZ.....	2,584,008
K3MM.....	3,107,952	UA9CLB.....	2,531,192
SN7Q.....	2,675,139		

Single Op Low Power

ZX2B (Op: PY2MNL).....	2,897,208	4X2Z.....	1,800,324
P40KM.....	2,159,111	WP3C.....	1,320,044
CN8KD.....	1,805,552		

Single Op Assisted

IK4MGP.....	3,094,938	EN9M.....	2,345,300
LZ8A.....	2,733,056	UR5QU.....	2,155,257
F5CWU.....	2,363,935		

Multi-Op Single Transmitter High Power

OM8A.....	4,277,004	TM6A.....	3,127,086
HG1S.....	4,063,760	EI7M.....	2,192,996
RU1A.....	3,413,797		

Multi-Op Single Transmitter Low Power

UT3HWW.....	1,260,280	9A7T.....	712,756
KP2D.....	1,143,325	P9KDA.....	698,060
UN8LF.....	825,360		

Multi-Op Two Transmitter

EA8AH.....	9,491,300	K1TTT.....	3,346,576
HC8N.....	9,271,164	DQ4W.....	3,298,778
Z37M.....	3,569,682		

Multi-Op Multi-Transmitter

YT6A.....	5,757,143	RK2FWA.....	4,090,600
UU7J.....	5,555,443	RK0AXX.....	2,787,456
KH7X.....	4,444,470		

Single Operator 3.5 MHz

S54E.....	185,832	SP4MPG.....	127,504
S50A.....	173,715	YL0A (Op: YL2KA).....	122,764
IQ1RY (Op: IK1HXN).....	163,632		

7.0 MHz

S57AW.....	573,522	CT3EE.....	488,130
I4IKW.....	514,230	EO6F (Op: UX0FF).....	323,595
IY4W (Op: IK4MHB).....	498,575		

14 MHz

9A5W.....	868,020	EF8A (Op: EA8AUW).....	749,784
CT3KY.....	856,560	EO5M (Op: UR0MC).....	605,280
7X0RY.....	812,175		

21 MHz

CT3EN.....	576,462	9A7R.....	339,040
AY8A.....	487,859	F5MOO.....	315,129
L44DX.....	388,056		

28 MHz

LU1HF.....	156,500	RU6CQ.....	4,930
LW1HDJ.....	15,732	LW6DDS.....	2,460
CT1FJK.....	5,338		

Bavarian Contest Club, was the decisive winner with 11,233,414 points. The results for the next five clubs were fairly close, as follows: Northern California Contest Club (9,408,223 points), Potomac Valley Radio Club (8,865,046), Contest Club Ontario (8,611,929), Yankee Clipper Contest Club (8,598,093), Ukrainian Contest Club (8,512,841). **Note:** Those of you who are eligible and who choose to designate a club affiliation should write the **full name of the club** on the appropriate line of your Cabrillo header.

Summary

As CQ WW RTTY completed its 20th year, Mike, K4GMH, joined our team as head of the plaque program. Please communicate with him (k4gmh@arrl.net) regarding any plaque questions, particularly sponsorship. Paolo, I2UIY, again tabulated the most popular logging programs for this contest as follows: N1MM Logger (424), WriteLog (318 logs), MixW (223 logs), and RCKRtty Logger (80 logs). Those of us still using RTTY by WF1B do not show up in the statistics because these logs require conversion by some other utility to Cabrillo format. While all of these programs and others allow one to submit a log very quickly after the contest, they do not necessarily do the conversion equally easily and accurately. Accordingly, you will usually find it worthwhile to review your log to correct obvious errors—and to refer to Paolo's www site for his tips on preparing your log: <www.i2uiy.it/cqww.html>.

To check all-time CQ WW RTTY Records, look at <www.rttycontesting.com>, maintained by Don, AA5AU. For comments by participants, see the QRM below. Additional QRM and a list of the station operators can be found on the CQ website: <www.cq-amateur-radio.com>. Go to the contest section, to the 2006 CQ WW RTTY DX Contest Expanded Results.

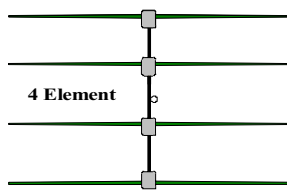
We have generally succeeded in converting RTTY contesters to submitting their logs electronically, with virtually all logs (this year all but two!) now submitted via e-mail to <rtty@cqww.com>. However, because the participation in this contest continues to grow so rapidly, some newer participants neglect to note that *the rules for this contest require recording the received state/province and zone information and submitting the log in proper Cabrillo format*. If the submitted log does not include all of the critical exchange data (including zones, states, provinces) from the raw log, the log-checkers can do little to salvage the log. Accordingly, please carefully follow the instructions in your logging software (or your Cabrillo-conversion program) to be sure that all of the required fields have been included in your final log before submitting it to the robot. *Also remember to read carefully any error message from the robot. The required language in the headers is precise and noted in each category as shown above—not simply anything you or your logging program decide to put there.* Those errors are the most prevalent in the logs that required

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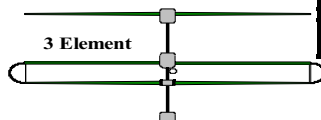
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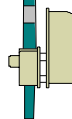
4 Element



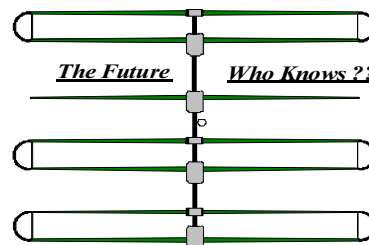
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some editing by I2UIY, N5KO, and I2EOW. In addition, Paulo and I2EOW converted many non-Cabrillo logs to Cabrillo format prior to their being submitted into the master log-checking process. As in prior years, we received a large number of check logs which were very helpful for log-checking. Thanks to all who submitted these logs.

The 2007 CQ WW RTTY DX Contest

The 21st annual CQ WW RTTY DX Contest will be run on September 29–30, 2007. Please note that *Cabrillo-format logs are highly encouraged for all entrants with e-logs required from all potential high scoring entrants in any category. Also, any computer-generated log with more than 100 contacts must be submitted via e-mail or on a 3.5" diskette via snail mail.* For those who submit diskettes, please remember to send the diskettes in a protective envelope. E-mail is clearly the most reliable and easiest mode for log submissions, but we welcome all logs, including (subject to the restrictions described above) paper logs, no matter how they may be sent. Finally, *the deadline for log submissions is October 26, 2007.* The full text of the 2007 rules will be published in the July issue of CQ and on the CQ website at <www.cq-amateur-radio.com>. *Please read the rules carefully prior to the contest, and please note that all logs submitted via e-mail go to <rtty@cqww.com>.*

73, Glenn, W6OTC, and Paolo, I2UIY

QRM

2E0TGS: Using IC-706IG 50 watts and homebrew multiband vertical antenna. This was my first RTTY contest and enjoyed it very much. Looking forward to the next one. **7N2UQC:** I was able to enjoy this contest. Tnx for a fine contest again. Rig: IC-706, antenna dipole. **8P2K:** Missed four states—WY, ID, ND, and SD. Propagation wasn't bad, but it certainly was not great! Thanks to all who stopped by on 20m. **9A5W:** Worse condx on Sunday prevented me to achieve score higher than one million points. Anyway score is higher than existing world record. Excellent activity. **9M6XR0:** Yaesu FT-1000MP transceiver and Quadra linear. Power 400W. Lightning Bolt 2-ele quad, Butternut HF2V vertical both up 27m. Variable band conditions over the 48 hours but always interesting. Very difficult to get states for multipliers from 9M6 at this point in the sunspot cycle. **AA5AU:** Excellent condx on 40m. It was nice to finally get some RTTY seat time! **BA4RF:** It was my first ever RTTY contest. Quit the contest 11 hours before contest end due to XYL QRM, hi. Thank you very much to all the guys who QSOed with me. **CT3EN:** First of all my thanks to the Madeira team members for helping me to assemble and prepare our contest QTH for this event. The contest went the way I planned. Pity that I found less participation than in previous years on this band. **CU2JT:** Came home from a trip late Saturday evening so no chance to participate with any serious intent. I just had some fun giving some of my friends the CU multiplier and also worked some new ones. Next year I will plan the itinerary better and participate with full strength. **DF7JC:**

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Great contest with a lot of activity. Real fun all the time. **DK7UM**: Participating was fun again. Tnx to all who spent time and effort for our benefit. **DM6DL**: Only 75W and wire antenna, so tnx to all who were kind enough they worked my little station. **EA3NY**: Configuring my station from 12:00 Saturday to 14:00 next day. I was exhausted. I bought another software at 05:00 AM local time during the contest :-). 14 hours after the contest began I was more or less prepared. **EA8ARG**: This was my first RTTY contest! With only 100W output it was very difficult to be heard. Thanks to everyone who worked me and sorry about those who tried but couldn't copy me. 73 and see you in next RTTY contest. **E17M**: Great contest and good result seeing it was our first semi-serious attempt at an RTTY contest. Thanks to all who called us. **F5CWU**: First entry with SO2R system. Really amazing how the 2-radio improves the fun during the contest even from France. Thanks to F6FYA who let me use his antennas during the weekend. **G0BRC**: Another great contest but conditions did not seem as good as in 2005. We had the usual spate of problems: water in antenna feeders, computer crashes, but all in all those who took part are ready to do it all over again in 2007. Equipment used FT-1000MP MKV and linear for 400W, 4-element beam and wire dipole 80m. **G0PSE**: I'm not a 48-hour contest man. I went to bed both nights, stopped for meals and to watch my favourite TV programmes, yet I still met my target of 100,000 points. **GM3SEK**: Spent most of the weekend helping with a Foundation licence class. Pleased to report that my wife aced the exam! **GU0SUP**: Great fun! And good conditions for the first day too, which helped, but could have done with the same on Sunday. Some nice DX about and got some in the log. Thanks to all for sponsoring the contest and to the log-checkers, too. **HB9LF**: Our first M/S action from our club station HB9LF. In the beginning we faced problems with the filter settings of our IC-756PRO II using MMTTY as contest logging program. Effectively we ran 200 watts HF into our FB706 beam. See you all next year again with a much stronger signal. **HK3SGP**: Great contest again. Many DX stations on 40. Many thanks to all the stations that worked me. So many signals, so little time. See you next year only on 80m. **IT9BLB**: Won the MSC (Most Stupid Contester) plaque! I seriously worked the contest on 20m using the packet cluster, too, being sure to join the SO20-Assisted category that doesn't exist in the RTTY leg of CQ WWs. Anyway, super fun! **JM1NKT**: Good conditions so that I could enjoy the wonderful contest. **K0BX**: For the bottom of the cycle there sure was a lot of activity. Conditions not the best but 40 meters was a real zoo! **K3MJW**: This was the first operation in this contest from our club site. We all had a great time. We combined a family picnic at the club on Saturday afternoon. **K4UTE**: Big surprise to have ZD8I call me with 2 minutes left in the contest for new zone and country!

K7RE/0: Conditions not the best but I still had lots of fun. Activity every year increases by leaps and bounds. **KC0NKW**: First time in CQ WW RTTY. Thanks to KU1CW for all the help. I love RTTY! **KH7X**: Bottom of the cycle conditions and a new Oceania M/M record (KH6ND). **LZ8A**: Thanks to sponsors and all participants for this nice contest (LZ2BE). **M0UNI**: Had great fun. Got some good DX calls and everything worked fine too. Just wish I could have run for more hours. **N4CBK**: My first real effort. Fantastic contest. Saw lots of friends. Made new ones. **NG1G**: Lots of activity and good DX! My favorite moment was when my good friend N1HRA and I both answered my brother WE1H's CQ on 40m at the same time. The resulting round robin of exchanges that ensued left me smiling for the rest of the contest. **NO2T**: Getting too old for 48 hours. Only was able to last for 28 hours this year. Had fun and that is what counts. **OH3OJ**: Main effort on 40m but unfortunately was not having time to run last 9 hours of the contest. See you next year again and hope 15/10m starts to be more of use also. **ON5SV**: A lot of pleasure spent at the keyboard! **P14COM**: No top honors this year, but taking all part-time operators together we came up with 17 hours of RTTY fun. Thanks for yet another enjoyable contest experience. CU next time. **RU1A**: Great activity! Poor condx on 40 m. **S50R**: Started on 20m but on Sunday noon burned the balloon and I continued on 21 MHz. Saturday the conditions were OK, but Sunday zero! Anyway I enjoyed the contest in the mountains in nice weather. **S54E**: Good run first night but bad propo second one. Anyway I managed to overcome last year's score and claimed new word record on 80m SOSB! **SV5DKL**: Had forgotten how much fun RTTY can give you! Participated mainly for promotion of SV5 in RTTY. I wish I could spend more time on it! **VA3PC**: Nice to have antennas back in the air. Thanks to those who answered my attempts at running. See you in the next one. **VK4EJ**: Had a ball in this contest. Got some all-time new DXCC entities for RTTY. Plenty of activity but hard work on low power from VK. **VU2PTT**: Back on air after 8 years. My first RTTY contest and enjoyed it! Wired up an interface from IC-746 to N1MM Logger on the day of contest. Managed less than 4 hours intermittent operation. More next time. **W0GJ**: No DX worked second night. I watched an incredible aurora borealis display cover the entire sky for hours! Nice, but not nice! **WA1FCN**: Two power failures cost me some lost QSOs. Ah, lesson learned: Save often. Also first RTTY contest with this rig. I need another filter. **WN1GIV**: Closest I've come to a full-time effort in a 48-hour contest and waited until age 66 to try it. I need my sleep! **YM125ATA/4**: For the memory of Ataturk's 125th birthday. **ZS2EZ**: Poor conditions compounded by 20m antenna failing on Sunday. Had to finish contest using my 40m dipole on 20! 80m a washout due to poor antenna. Nothing heard on 10m either. Still a better score than last year!

Important On-Line Resources

To prepare for the 2007 contest, please refer to the following on-line resources:
Contest rules: <www.cq-amateur-radio.com>
Contest records: <www.rttycontesting.com>
Cabrillo specifications: <www.kkn.net/~trey/cabrillo/spec.html>
Cabrillo template for this contest: <www.kkn.net/~trey/cabrillo/cqww-rtty.txt>
Log preparation tips: <www.i2uiy.it/cqww.html>
Log submissions: <rtty@cqww.com>

Number groups after callsigns denote the following: QSOs, Points, Zones, Countries, US/VE, Final Score. Certificate winners are listed in boldface.

2006 CQ WW RTTY DX CONTEST
Single Operator Assisted

IK4MGP	2050	5082	117	348	144	3,094,938
L28A	2170	5024	104	335	105	2,733,056
F5CJW	2042	5019	129	335	105	2,643,926
EN9M	2027	4700	111	319	88	2,345,300
UR5OU	1827	4251	105	317	85	2,155,257
E1AK3S	1701	4005	85	252	128	1,862,325
K4GMH	1673	3676	80	238	162	1,764,480
KU3CW	1763	3250	96	220	182	1,618,500
SJ3CTQ	1352	3676	102	235	66	1,481,428
DK0EE	1474	3261	88	265	101	1,480,494
W3PJ	1313	3321	84	223	136	1,471,203
SV1DPJ	1379	3091	90	262	74	1,316,766
K11G	1205	2969	81	230	131	1,312,298
V41CHP	1196	2884	73	214	129	1,199,744
A19T	1261	2532	89	205	161	1,139,400
YU7AM	1071	2519	84	257	77	1,065,537
NP3D	1262	2619	78	187	140	1,060,695
W3OA	1049	2312	78	191	144	954,856
N02T	986	2342	69	181	100	819,700
IT9BLB	1478	2324	68	181	63	703,250
W1AJTV3E3	870	1849	68	187	125	702,620
RN4DA	983	2179	74	237	11	701,638
RD3ND	1032	2209	69	207	31	678,163
VE3CHG	790	1985	62	169	101	659,020
JM1XCW	758	1949	89	159	67	596,394
GM4FDM	879	1936	57	183	40	542,080
R2XLN	806	1987	76	176	16	532,516
W1BHY	716	1378	75	182	128	530,530
US4L1PY	494	172	34	172	34	526,360
AB0TA	762	1350	64	147	119	445,500
NAZZ	824	1569	50	105	120	431,475
NA2M	599	1164	71	175	123	429,516
W7CT	793	1273	69	116	154	418,817
AB0RX	783	1267	69	106	142	411,775
6F6JE	604	1349	57	192	41	391,210
K0HGF	810	1227	69	97	149	386,505
S51CK	912	1222	61	92	127	377,140
Y03BL	726	1585	57	161	16	371,358
V43PC	501	1239	58	148	92	369,222
W4CU	669	1227	56	137	99	358,284
N2ZF	545	1206	57	149	86	352,152
OM5XX	950	2193	30	91	39	350,880
N6WS	666	1097	65	116	132	343,361
VE9NC	521	1326	49	130	69	328,848
VE3ESH	484	1076	59	116	113	309,888
K3WWW	499	1242	52	127	65	308,016
RM9RZ	498	1336	56	169	3	304,408
E4SMR	492	1197	54	135	65	304,038
PR7AF	424	1238	41	89	109	295,882
DL9NDV	471	1073	56	168	46	289,710
BD1DRJ	559	1338	66	142	4	283,656
GD7RO	557	1176	50	159	27	277,536
RK3ZX	573	1229	52	166	7	276,525
K1FWE	394	1568	27	93	58	275,904
N2TU	707	1619	27	93	50	275,230
K4CZ	505	1014	56	114	97	270,738
KACVD	592	995	62	97	108	265,605
H8BIE	483	1093	52	143	33	249,204
N6CY	394	827	61	130	84	247,425
W4VIC	383	878	51	133	73	225,644
VE7KET	371	878	55	93	103	220,378
F5OAM	451	1001	46	134	38	218,218
K0BK	418	1026	41	112	65	212,002
K1IKO	355	866	54	132	54	207,840
W2ZT	317	809	57	150	47	205,486
K7B7W	554	947	48	82	86	204,552
AA3B	444	994	43	87	66	194,824
AC7ZG	415	735	60	96	103	190,365
JG1GGU	350	880	70	110	34	188,320
N20PW	339	721	48	112	82	174,482
KE1H	403	770	53	70	103	173,250
N4GN	390	718	32	78	100	165,140
SV1BDO	374	819	44	134	15	158,067
IK35S1	341	785	44	124	33	157,785
JR1NHJ	325	828	56	108	24	155,664
DL4KW	318	741	50	125	35	155,610
N6EE	295	593	64	116	75	151,215
OK2CLW	302	751	51	112	30	144,943
KE39D5	330	596	58	87	96	143,636
J41XRH	308	726	30	98	38	140,660
PY2BRZ	255	722	40	82	57	129,238
K50T	354	613	41	78	91	128,730
NG1G	305	582	45	97	77	127,458
9K2HN	354	1041	27	84	8	123,879
W3UTD	267	562	46	104	67	121,954
S58P	295	656	42	114	27	120,048
K6TA	281	597	54	77	63	115,818
R4QSF	353	862	40	93	0	114,646
CT2GRF	295	775	63	101	67	114,076
A49RR	248	555	44	93	64	111,555
7L41OU	271	662	47	92	23	107,244
G3UHU	310	673	40	109	16	104,315
K8AC	272	545	44	86	61	104,095
W6OAT	289	491	50	73	83	101,146
L2ZUJ	291	646	42	104	8	99,484
K9D	308	548	28	67	86	99,188
V64DX	252	551	38	53	83	95,874
JP1ODH	303	404	26	62	27	92,460
R94WZ	265	563	39	115	9	91,769
AL1G	383	855	22	57	57	88,065
JM1XUJ	221	535	57	88	15	85,600
SATCCL	283	646	30	88	12	83,980
IT55A	428	993	18	66	5	79,477
IK7AFM	223	556	30	77	34	78,396
N6MZ	198	423	51	79	53	77,409
K0KT	248	406	42	64	88	74,704
J42KCY	203	485	56	81	17	74,490
OK6JD	193	473	36	82	38	73,788
G8W1RZ	330	736	18	60	21	72,864
DL4PY	219	562	28	58	37	69,126
AD5VJ	261	373	43	48	91	67,886
VE3WDM	201	469	28	63	53	67,536
KV7IT	234	376	42	49	84	65,800
N6VH	246	398	42	48	60	65,670
RA3OH	248	499	28	88	0	63,684
DB9EX	193	452	33	88	17	62,376
J51KYQ	165	417	53	87	8	61,716
FT3FOH	201	471	31	76	24	61,701
WB1EDI	184	346	41	66	31	61,588
AA4VV	224	511	20	65	35	61,320
L2ZEVA	171	489	29	50	46	61,125
KU3VC	256	528	20	56	38	60,192
AJ1M	234	364	33	55	73	58,604
K7ZD	245	465	28	52	44	57,660

TA1DX	198	464	31	76	17	57,536
SM7BHM	328	691	16	60	7	57,553
K0FJ	325	506	23	33	56	56,672
W2QO	205	358	33	58	60	54,058
W1RR	142	359	35	72	42	53,491
PA5O	154	374	33	72	32	52,594
K5HDU	212	329	34	44	68	48,034
J41BWA	161	358	53	61	13	45,466
MMDDT	164	357	32	82	11	44,625
MMO80I	155	340	27	78	19	42,160
W7WYH	195	300	34	38	68	42,000
SP6CZ	276	559	12	51	9	40,248
LV0XS	177	387	23	69	6	37,926
OK4SI	192	459	24	51	7	37,638
K7EC	167	333	28	44	39	36,963
K9OSH	218	298	28	33	60	36,058
AD1C	139	251	32	55	51	34,638
J41JZZ	130	300	45	60	10	34,500
IK1SOW	136	324	28	72	5	34,020
I2ZGIU	164	382	16	53	13	31,324
W01N	110	238	35	58	30	29,274
IJ2CPS	146	379	16	30	30	28,804
WA1ZYX	120	273	20	51	21	27,846
K1GVOX	124	281	21	63	14	27,538
J4SFNX	145	281	41	45	4	25,290
J41ETN	117	299	24	50	10	25,116
NE1I	99	215	28	55	23	22,990
KB1IKD	114	219	23	43	37	22,557
JL7JFR	112	264	35	45	5	22,440
K5SWW	167	230	22	27	45	21,620
W0AG	90	211	31	52	13	20,254
SM6WET	93	216	24	56	11	19,566
N0LX	105	188	26	36	42	19,552
W2PWE	107	185	26	35	39	18,500
KD3TB	85	234	19	47	9	17,550
DK0UI	80	191	22	47	6	14,325
F8PMD	89	216	11	40	15	14,256
9M2CCE	81	198	27	43	0	13,860
K6JEB	91	143	20	18	46	12,012
Y02W	112	174	25	14	26	12,054
PA5A	108	223	9	30	5	9,805
9A5CW	91	185	10	43	0	9,182
L41YE	82	185	10	34	5	9,065
K4GM	64	108	22	27	27	8,208
W9YQ	63	114	18	26	15	6,726
NE1F	47	86	22	24	26	6,192
Y05A	42	95	19	25	4	5,510
W4JID	48	117	21	21	20	5,456
R4HHL	80	165	8	25	0	5,445
W6RK	64	89	14	12	35	5,429
N6TV	44	81	24	22	18	5,184
DL9NEI	47	102	15	32	3	5,100
6W7RV	40	115	11	23	5	4,485
VE3TIN	35	84	13	20	13	3,864
UU2UJ	27	72	20	23	0	3,096
RA3VR	32	74	9	23	0	3,368
W3QI	31	71	9	19	14	2,940
HI8ROX	20	53	7	15	4	2,156
ON5Z0	22	44	6	16	0	968
WA7RR</						

N3NZ	132	258	13	37	33	21,414
RW0LO	96	243	32	47	3	19,926
RV1CC	106	231	22	62	2	19,866
W5JAY	132	185	27	52	19,610	
K4XD	84	203	27	48	16	18,473
W0TY	96	189	26	41	30	18,333
9Y1VC	95	24	24	27	19,988	
WB7JJ	95	175	26	39	16,625	
K3GP	106	171	26	47	16,416	
CO2GL	87	246	18	43	1	15,252
AB0YM	109	155	21	21	45	13,485
L2ZPG	55	156	35	46	5	13,416
JF2JH	60	153	30	40	5	11,475
M6V0D	103	150	16	42	11	11,100
NC5D	160	124	24	30	23	9,548
NA5Q	59	29	24	28	9,288	
RX6LDB	82	181	12	37	0	8,869
N4ZR	77	117	18	39	8,658	
HB9BNK	50	116	19	42	3	7,424
OO9O	52	110	13	33	2	5,280
W4DKB	35	90	19	28	7	4,860
W5KI	51	83	14	16	25	4,565
4Z5KZ	24	71	10	15	0	1,775
DJ9RR	29	6	18	16	0	1,216
A3M	26	37	9	8	16	1,121
SP6SL	20	47	9	16	0	1,175
W4M0D	16	41	9	15	0	984
SP2DK1	15	33	7	14	3	792
K6KO	16	36	8	8	5	756
N6BXO	15	33	8	9	5	726
RW0AR	11	26	9	8	0	468

Single Operator 80 Meters

S5AE	737	1602	23	65	28	185,832
S50A	729	1565	21	64	26	173,715
IQ1RY	688	1461	21	65	26	163,632
SP4MPG	590	1226	24	64	16	127,504
YL0A	623	1306	20	61	13	122,764
4N1A	610	1269	14	56	14	106,596
H88BE	559	1158	16	56	12	97,272
S520P	537	1098	16	60	11	95,526
DJ3WH	497	947	13	53	12	73,866
OH9Z	463	907	12	53	12	69,630
US0ZZ	413	830	11	52	6	57,270
DM5TI	362	694	13	55	10	54,132
UT2I	351	717	16	53	5	53,058
UX1UX	361	713	12	49	5	47,058
VE3NZ	266	529	12	50	43	43,778
SP9H	343	668	9	44	2	36,740
KH6ZM	194	574	12	40	36	36,736
SP9DSD	238	466	9	39	1	22,834
UT3AL	226	439	41	41	21	21,950
SP3VSE	231	455	8	40	0	21,840
K0HW	266	307	10	47	20	20,569
NA3M	156	240	12	25	44	19,440
RA3UAG	196	375	8	39	0	17,625
EW1CG	197	407	7	33	0	16,280
SV1XV	117	241	9	37	2	11,568
S09JKS	131	259	7	35	1	11,137
4K6D1	90	253	7	30	0	9,361
K9LL	144	164	4	38	0	15,180
K4SV	77	109	8	13	27	5,232
UT5ZA	79	146	7	22	0	4,234
UT3N	72	134	5	25	0	4,234
S08GRY	65	128	4	27	0	3,968
N04K	85	99	4	4	29	3,663
JAT7M	28	44	9	8	1	792

Single Operator 40 Meters

S57AW	1307	3134	35	102	46	573,522
I4KWC	1158	2810	34	100	49	514,230
YK4W	1235	3052	29	89	49	495,575
CT3EE	1027	2700	28	83	48	488,130
Z06F	953	2115	29	94	30	323,958
EO4LI	832	2421	27	80	26	321,993
IN5KQ	863	1946	28	89	31	288,008
OV3XQ	892	1993	28	80	36	286,992
K4UTE	800	1654	28	81	53	267,948
OH0I	874	1891	31	84	16	247,721
F4JRC	759	1620	29	76	32	235,480
A4SAU	792	1352	31	81	54	224,432
K11AA	495	1445	27	63	45	195,075
I2NKR	604	1393	22	72	39	185,269
WW4LL	719	1243	25	68	54	182,721
N5ZM	714	1177	26	72	55	180,081
YU1RH	633	1378	25	75	19	163,982
DP9N	485	1078	23	74	27	133,672
W7BY	557	1245	24	62	53	122,876
UA3SAQ	497	1045	26	74	9	113,905
SP5OJX	452	966	24	72	12	104,328
9A5MT	443	951	19	67	17	97,953
OK1DB	506	1047	19	69	1	93,183
OK2BZ	380	830	22	71	16	90,470
W40DDU	419	753	20	62	47	89,607
RO6AF	424	881	23	56	47	83,695
AB8K	430	645	22	45	52	76,755
UT5EP	411	861	17	61	11	76,629
RU9CP	330	886	19	62	0	71,766
UJ2CW	362	772	18	64	10	71,024
W0GJ	364	597	22	45	48	68,655
S57YX	425	885	12	52	13	68,145
4M5RY	218	635	20	50	36	67,310
YM125ATA/4	427	891	13	57	5	66,825
RW6CF	336	700	22	62	8	64,400
W0BR/3	333	537	20	43	50	60,681
J4T0V	229	579	26	46	17	57,288
WBWEJ	311	503	17	46	50	56,839
KY7M	339	580	20	28	45	53,940
SM6BSK	344	714	15	56	4	53,550
OH9RI	269	578	22	59	8	51,442
US0HZ	305	645	17	58	2	49,665
Y06CFB	338	698	13	57	0	48,860
DF1AQ	268	576	17	52	15	48,384
SP9MI	256	552	19	51	10	46,368
W0NA/4	237	463	16	40	44	43,580
UA3S8W	200	526	19	61	1	42,606
HK3SGP	149	441	13	38	39	39,249
IK30AR	200	445	15	51	20	38,270
L2ZGZ	238	509	14	53	8	38,175
DJ2YE	223	470	13	54	12	37,130
LA2UJ	257	535	13	55	0	36,380
WA1FCN	251	385	19	28	47	36,190
RJ4SS	201	355	15	33	34	34,560
K4WW	218	340	18	36	47	34,340
IK0LNN	159	372	17	52	20	33,108
CT3KN	127	376	13	49	19	29,704
G95M	148	341	14	42	35	27,621
G3LJH	156	322	10	46	8	20,864
UT20Q	154	326	11	46	3	19,320
E54MM	145	315	14	45	0	18,585

JH1APZ	107	276	19	38	8	17,940
DL5KUD	147	298	12	45	2	17,882
WBAKR	168	222	17	46	16	16,650
LY2WN	159	329	8	39	0	15,463
HADGK	148	310	7	42	0	15,190
VE0QP	112	242	12	16	34	15,004
SP0KXN	100	222	9	22	14	14,349
GOVOK	91	192	8	32	4	8,448
VE3RCN	71	144	9	9	32	7,200
YO2LOJ	90	185	7	28	0	6,475
UA9DD	53	149	10	32	0	6,258
EAACRP	55	124	7	26	11	5,456
YV5OFX	33	93	11	19	12	3,906
YOH4U	44	100	8	28	3	3,900
K3MO	35	80	14	16	10	3,200
UR5LY	41	87	8	27	0	3,045
JL3SBE	36	94	12	15	1	2,632
KI7T	48	65	9	8	22	2,535
JI4JD	17	33	9	11	1	693

Single Operator 20 Meters

9ASW	1672	4255	36	114	54	868,200
CT3KY	1664	4980	28	92	52	866,560
7R0RY	1551	4641	30	101	44	812,175
EF8A	1491	4463	28	88	52	749,784
E0M4	1290	3104	34	85	46	686,280
IV3SKB	1107	2818	33	114	52	647,782
OK3R	1004	2575	35	114	52	517,575
VE2RYU	1038	2675	29	98	49	470,800
UV8M	1070	2503	32	106	44	455,546
UT4ZG	1075	2579	31	92	47	438,430
8P2K	1049	2621	28	86	53	437,707
SP4TXI	934	2328	32	104	48	428,352
N2XD	984	2312	28	88	54	393,040
LY1R	940	2300	28	84	46	362,400
IT9STX	992	2385	25	74	51	357,550
OH0M	912	2216	26	77	49	336,832
RW4FL	861	1954	32	104	33	320,226
4L1DA	925	2620	23	71	29	322,260
JH7XGN	694	1941	32	86	44	314,442
EA7HBP	941	2145	25	73	40	296,010
YU1NR	707	1702	29	81	47	284,234
UC1D	799	1917	27	72	51	272,052
VE8MM	654	1842	28	81	29	254,196
Z1S1J	691	1983	24	75	25	253,824
CN8LI	652	1953	20	62	49	248,031
EUR8Z	659	1547	27	86	35	228,956
RW6ATJ	696	1567	28	84	34	228,782
4N150AE	687	1626	26	75	37	224,388
4Z5ML	783	2246	25	74	0	222,354
SV2BFN	721	1632	27	78	29	218,688
PW2N	555	1652	25	58	46	213,108
UN7JX	605	1643	29	86	13	210,304
UN7GCE	610	1692	28	83	13	209,808
F5ODA	579	1353	27	84	35	197,538
K3MQ	612	1342	25	78	42	194,590
4A7L	649	1390	25	60	53	191,820
Y06BHN	520	1245	29	87	38	191,730
RA9AU	622	1773	25	76	6	189,711
JAGWFM	523	1400	27	73	26	176,400
EVOAL	541	1512	29	80	44	174,960
HA1ZN	525	1239	24	63	39	159,831
N6QO	534	991	29	78	51	156,578
F1UJK	469	1131	26	70	41	154,947
YT2B	587	1337	21	59	33	151,881
UA4LU	524	1164	22	77	22	140,844
CX4AJ	363	1069	25	65	37	135,763
OM5TX	479	1124	21	67	32	134,880
UA60BR	387	1004	24	71	31	126,504
7K4OC	363	958	27	69	35	125,498
WALC	395	906	24	75	38	124,122
KP4AH	454	1027	16	50	54	123,240
UY5LJA	390	925	27	82	20	119,325
E4ZYA	404	934	24	74	28	117,684
TG9ANF	483	1054	19	44	48	116,994
RW0SN	352	922	29	77	19	115,250
KW1A	469	1213	24	67	1	114,022
BA9F	412	9				