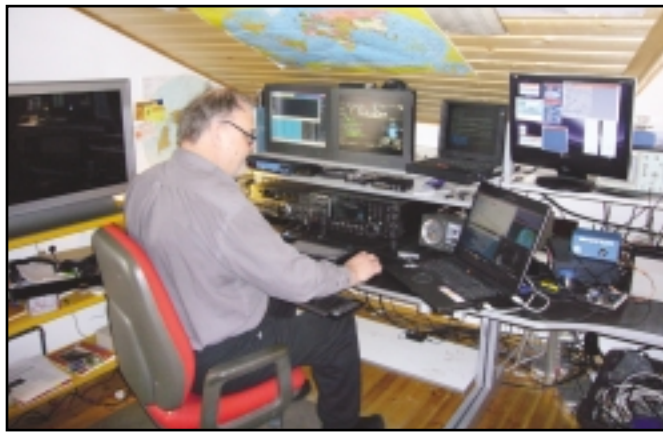




Roger, N4RR, racked up another decisive SOLP world win, this time from Bonaire as PJ4R.



Kari, OH2BP, escaping the frigid Finnish winter in his cozy SO2R RTTY shack.

Results of the 2010 CQ WPX RTTY Contest

BY ED MUNS,* WØYK

The 16th annual CQ WPX RTTY Contest once again broke the participation record with 2404 submitted logs, up 16% from last year's record number, which was up 11% from 2007. The number of different callsigns logged was similar to last year's number, around 16,000. However, there were over one-million QSOs, 27% more than in 2009 (compared to an 8% increase from 2007 to 2008) partially due to relatively good propagation conditions across 80–15 meters with a bit more activity on 10 meters than we've seen in recent years. The money band for QSO points was 40 meters. 170 countries appeared across all logs.

65% of the QSOs in the submitted logs were made by stations who made a total of less than 500 QSOs. 23% of the QSOs in the submitted logs were made with stations who did not submit a log and averaged less than 18 QSOs. There were 13,600 participants not listed in the line scores because they didn't submit logs, but who are always important to the success of the contest.

Participants interested in maximizing contacts, and perhaps new mults for various awards, were most rewarded on 20 and 15 meters. Those who sought to maximize their score made sure they got everything they could out of 40 meters where half the QSO rate nets the same points as on the high bands. Single ops, limited to 30 hours, had to strategically apply their time as one of their operating skills in this contest. For most, it was beneficial to be on 40 meters whenever it was open, supplementing with 80 meters, depending on rate and station capability. As the solar flux rises, the high bands will become more effective, despite their half-point value, and conversely the low bands will become less effective.

All of this resulted in 11 new world records and 35 new continental records. What a wonderful tribute to the continued growth of RTTY contesting with increasing numbers of both new and veteran contesters embracing the RTTY mode.

Single-Operator

Single-Operator, Low Power (SOL). PJ4R (N4RR) handily took top honors once again with 5.4M, but Roger did so from Bonaire this time, sticking to the obvious advantages of a northern South America location. Wanderley, PY2MNL, a very familiar LP RTTY competitor also in South America, activated ZX2B for second place worldwide with 4.6M. Third and fourth was a photo finish (4.31M each!) with Fabi, VA2UP, moving past Filipe, CT1ILT, based on a lower error rate. Fabi broke the North America record and Filipe broke the Europe record. Mark, WE4M, broke the USA record. Steve, ZC4LI, won Asia, approaching close to the Asia record. Heijo, DJ1JO, operating EA8OM won Africa, and Felimon, DV1JM, came out on top in Oceania.

Single-Operator, High Power (SOH). This category set a new world record and five new continental records. Thanks to above normal conditions from Aruba, P49X (WØYK) broke the world record for the fourth year running by 19% with a score of 13.3M. Serge, 5B/UTØU (UT5UDX), was second worldwide and blasted the Asia record by 46% with 9.1M. Mike, K4GMH, took third by raising the North America record 15% to 7.9M. Boyan, LZ8E (LZ2BE), was fourth and broke the European record by 39% with 7.5M, a record previously held by Serge, G6PZ (UT5UDX). Fifth was the top Africa entry, Mohamed, CN2R (CN8KD), a very familiar RTTY contester with 6.5M. Massimo, KH6ZM, lifted the Oceania record 21% to 3.3M.

Single-Operator, Single Band 3.5 MHz.

Salvatore, IV3YIM, took first place in Low Power and set a new world record with 1.1M points. The next 19 places were in Europe! Dai, JF2IWL, raised the Asia record he set last year.

In the High Power category Sasa, 9A1CCY, broke the world record with 2.5M and the next 12 finishes were from Europe. The first Africa record was established by Jose, CT3BD, with 158K.

Single-Operator, Single Band 7 MHz. The first nine places in Low Power were from Europe, with Ari, IQ3UD (IW3SQY), breaking the world record with 2.2M points. Pasquale, YW5RY (YV5KAJ), broke the South America record with 799K, while Jim, KC4HW, broke the North America record with 692K. In Asia, Toshi, JE2UFF, more than doubled his own record to 524K. Fady, YB8FL, raised the Oceania record more than four times to 194K. There were no Africa entries this year.

Miha, S53M (S51FB), raised the High Power world record by 19% to 4.7M, with Europe taking the first four places in 2010. Earl, AE5AA (N5ZM), broke the North America record with 2.7M and Gennadiy, UN1L, shattered the Asia record by 107% with 2.1M.

Single-Operator, Single Band 14 MHz. Joel, VX6WQ (VE6WQ), took first place Low Power and set a new Canada record with 1.1M points. Second place with a new USA record was Bill, AKØA, with 1.0M. Third (first in Europe) was Sally, G2YL, with 620K.

Antonio, CT3EN, broke the High Power world record by 18% with 3.4M points. Krzysztof, SN7Q, was second, topping Europe with 2.1M and Don, WW4R (N4ZZ), was third, winning in the USA with 1.8M.

Single-Operator, Single Band 21 MHz. Jose, CT3KY, set a new Low Power world (and, Africa) record with 1.4M points. Peter, 6W2SC (HA3AUI), was second with 1.2M (and a very

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low error rate), also breaking the prior world and Africa records. Third, with a new South America record, was Francesco, YV1FM, with 1M. Yuri, UP6P (UN6P), took fourth, setting a new Asia record with 797K. A new Europe record was set by Francisco, EA7ISH, with 659K, a new North America record was set by Gonzalo, XE3N, with 505K, and a new Oceania record was set by Nur, YB8EL, with 221K.

Ezequiel, LP2F (LU1FDU), broke the world and South America records in High Power with 2.2M points. Luis, CX4AAJ, took second with 1.7M. Nikola, 9A5W, took third with 1.5M, just short of his Europe record. Charles, KK5OQ, was fifth, with 1.1M, narrowly missing the North America record.

Single-Operator, Single Band 28 MHz. Masa, JF1RYU, set a new Low Power world and Asia record. Alisson, PU5AAD, took third with a new South America record, and Miro, YU2A, took fourth with a new Europe record.

Alexander, UA0SW, was first in High Power and Alex, RU6CQ, was second.

Multi-Operator

Multi-Operator Single-Transmitter (MS). The EE8E team (Juan, EA8CAC, Olli, EA4BQ [OH0XX], and Pekka, EA8AH [OH1RY]) operated the EA8AH station to smash the world record by 64% with 14.2M points. In second place was E73M (Boris, E73M, E73Y, E74A,

and E74KC) with 8M. Sue, P41YL (AI6YL), took third with 7.9M and broke the South America record by 44% with hubby Carl, P49V (AI6V), who enjoyed sending "88" when she let him operate! In fourth, and breaking the Asia record by 34% with 7.4M points, was the RK9CWA team of Serge, UA9CGA, Mikhail, RW9CF, and Alex, RA9DF.

Multi-Operator Two-Transmitter (M2). 2009's winner and Europe record holder Z37M (Z31MM, Z32ID, Z35T, Z35X, Z36N, Z36W, and Roberto) broke that record by 31% with 12.0M points. *However*, 4O3A (Ranko, 4O3A, Dragon, 4O4A, Bore, 4O6Z, Acim, YU1YV, Simon, S51D, and Zlatko, Z30A) broke the Europe record by 57% with 14.5M points and took first place this year. Third was captured by the RW0A team (RA0AM, RA0ALM, RV0AU, RV0AU, RV0AR, RV0AX, RU0AM, RU0AKB, RX0AE, RZ0AT, and Daniil) with 9.3M and a new Asia record. OH6R (OH3CV, OH3FM, OH3MFP, OH3LQK, OH6MLC, OH6NMY, and K0SSU) was fourth with 8.9M. and EA8URL (EA8URL, EA8AXB, EA8AZM, EA8BEX, EA8BQM, EA8DP, EA8GL, EA8NL, EA8RY, EA8AKN) was fifth with 8.4M.

Multi-Operator Multi-Transmitter (MM). HG1S (HA1TJ, HA1DAC, HA1DAI, and HA1DAE) broke their own Europe record from last year by 38% with 14.5M points. LZ9W (LZ1ANA, LZ1FG, LZ1ZD, LZ2HM, LZ2UZ, LZ3FM, and YL Nesi) took second with 8.7M, and KA4RRU (KA4RRU, K3UI, N4DXS, and K14ZKJ) was third with 6.7M. VE7UF (VA7FC,

2010 CQ WPX RTTY CONTEST TROPHY SPONSORS AND WINNERS

Single Operator High Power

World: Sponsored by ContestRank.com (in memory of SP9ERV). **Winner: P49X (Op: Ed Muns, W0YK)**

Africa: Sponsored by Andrei Stchislenok, EW1AR-NP3D (in Memory of EU1MM). **Winner: CN2R (Op: Mohamed Kharbouche, CN8KD)**

Asia: Sponsored by Tyler Stewart, K3MM. **Winner: 5B/UT0U (Op: Sergey Rebrov, UT5UDX)**

Europe: Sponsored by DL-DX RTTY Contest Group. **Winner: LZ8E (Op: Boyan Petkov, LZ2BE)**

N.A.: Jeff Demers, N1SNB. **Winner: Mike Sims, K4GMH**

Canada: Fabi Bertolotto, VA2UP. **Winner: VC2E (Op: Daniel Richer, VE2SB)**

USA: Sponsored by Glenn Vinson, W6OTC. **Winner: Tyler Stewart, K3MM**

7th Call Area (USA): Sponsored by Hank Lonberg, KR7X (in memory of Bob Wruble, W7GG). **Winner: Hank Lonberg, KR7X**

Single Operator Low Power

World: Sponsored by Mike Sims, K4GMH. **Winner: PJ4R (Op: Roger Hoffman, N4RR)**

Europe: Sponsored by Trey Garlough, N5KO. **Winner: Filipe Monteiro Lopes, CT1ILT**

N.A.: Sponsored by Wayne King, N2WK. **Winner: Fabi Bertolotto, VA2UP**

South America: Sponsored by Francisco "Siso" Hennessey, Jr, HK3W. **Winner: ZX2B (Op: Wanderley Ferreira Gomes, PY2MNL)**

Canada: Claude Duberger, VE2FK. **Winner: Robert Loranger, VE2AXO**

Japan: GOMAGARA Contest Club, JA6ZPR. **Winner: Masaki Okano, JH4UYB**

USA: Sponsored by Jim Reisert, AD1C. **Winner: Mark Sihlanick, WE4M**

Single Operator Single Band

3.5 MHz World High Power: Sponsored by Sue Cook, AI6YL/P40YL. **Winner: 9A1CCY (Op: Sasa Pokorni, 9A3NM)**

7 MHz World High Power: Sponsored by ContestRank.com (in memory of SP9EWO). **Winner: S53M (Op: Miha Habic, S51FB)**

7 MHz World Low Power: Sponsored by Don Reed, K2OGD. **Winner: IQ3UD (Op: Ari Udine, IW3SQY)**

14 MHz World High Power: Sponsored by Steve "Sid" Caesar, NH7C. **Winner: Antonio Duarte Costa Gomes, CT3EN**

14 MHz World Low Power: Sponsored by Kenny Young, AB4GG. **Winner: VX6WQ (Op: Joel Weiner, VE6WQ)**

21 MHz World High Power: Sponsored by Steve Jarrett, K4FJ. **Winner: LP2F (Op: Ezequiel Reinaldi, LU1FDU)**

21 MHz World Low Power: Sponsored by Doug Faunt, N6TQS. **Winner: Jose Duarte Sousa Goncalves, CT3KY**

28 MHz World High Power: Sponsored by Steve Hodgson, ZC4LI. **Winner: Alexander Ilyin, UA0SW**

Multi-Op Single Transmitter

World: Sponsored by Steve Merchant, K6AW. **Winner: EE8E (Ops: EA4QB [OH0XX], EA8AH [OH1RY], EA8CAC)**

Asia: Sponsored by CT3 Madeira Contest Team/CQ9K/CT9M. **Winner: RK9CWA (Ops: UA9CGA, RW9CF, RA9DF)**

Europe: Sponsored by Toomas Soomets, ES5RY. **Winner: E73M (Ops: E73M, E73Y, E74A, E74KC)**

N.A.: Sponsored by Whatcom Amateur Radio Society. **Winner: WW4LL (Ops: WW4LL, K4ZJ, K9MUG, NP3D)**

Multi-Op Two Transmitter

World: Sponsored by Nick Smith, W4GKM. **Winner: 4O3A (Ops: 4O3A, 4O4A, 4O6Z, YU1YV, S51D, Z30A)**

N.A.: Sponsored by Ed Muns, W0YK. **Winner: KF4QQY (Ops: KF4QQY, W4MYA)**

U.S.A.: Sponsored by CTRI Contest Group. **Winner: N2BJ/9 (Ops: N2BJ, K2PAC)**

Multi-Op Multi-Transmitter

World: Sponsored by Abroham Neal Software by K3NC. **Winner: HG1S (Ops: HA1TJ, HA1DAC, HA1DAI, HA1DAE)**

N.A.: Sponsored by Fred Dennin, WW4LL. **Winner: KA4RRU (Ops: KA4RRU, K3UI, N4DXS, K14ZKJ)**

Canada.: Sponsored by KA4RRU Contest Group. **Winner: VE7UF (Ops: VA7FC, VA7RN, VE7AX, VE7FO, VE7UF)**

Club Competition

World: Sponsored by Potomac Valley Radio Club. **Winner: Bavarian Contest Club**

N.A.: Sponsored by Northern California Contest Club. **Winner: Potomac Valley Radio Club**



Sergey, UR2QQ, supplied the only UR9 prefix to many stations with just 5 watts to an inverted-Vee antenna.



Daniel, VE2SB, operating as VC2E, pushed past VA3DX for a narrow win in Canada and is already planning for an even bigger effort in 2011!

VA7RN, VE7AX, VE7FO, and VE7UF) was fourth with 5.2M, and DL3VTA (DL3VTA, DL1DVE, and DF2CK) was fifth with 4.4M.

Club Competition

Once again the Bavarian Contest Club took top honors with over 59M points from 71 logs, which was also the highest number of club participants. Also a repeat, second place went to the Ukrainian Contest Club with 41M points and 38 logs. Third place was captured by the Potomac

Valley Radio Club with 36M and 39 logs. The Rhein Ruhr DX Association was fourth with 34.0M and the Northern California Contest Club was fifth with 33.8M. Club competition is a fun way for clubs to get more stations on the air and increase participation in the contest.

When submitting a log for any CQ contest, be sure that the club name is exactly, character by character, the same as listed on the club name list at <www.cqww.com/clubnames.htm>. Do not abbreviate, add periods, include other information in parentheses, etc. A computer program

TOP SCORES

WORLD SINGLE OPERATOR HIGH POWER ALL BAND
P49X (WØYK) 13,300,632
5B/UT0U (UT5UDX) 9,105,744
K4GMH 7,876,920
LZ8E (LZ2BE) 7,547,400
CN2R (CN8KD) 6,469,920
S50A (S50XX) 6,294,750
K3MM 6,158,748
RD3AF 5,348,200
E05M (URØMC) 5,198,842
AA3B 5,167,272

14 MHZ
*VX6WQ (VE6WQ) 1,087,788
*AKØA 989,280
*G2YL 619,887
*HA7TM 586,592
RV9CP 570,741
*W4LC 542,841
*WM5DX 471,090
*CT1EEK 413,118
*YU8NU 404,044
*EA4DB 377,865

14 MHZ
WW4R (N4ZZ) 1,810,284
KK9A 1,696,442
WV6I (N6WM) 1,496,302
AA5AU 1,438,686
WØ40 1,160,460
KK7ØØ (KL7ØØ) 1,043,385
KZ7X 985,395
N7NM 730,800
NG6S (W4UAT) 574,892
K4SKB 151,840

28 MHZ
UØ5W 13,860
RU6CO 12,012
IK3ASM 420

*SN2I (SP2EWQ) 2,103,232
*HA8BE 2,093,364
*I2ZFO5 2,025,540
*OE2GEN 2,021,760
*S56A 1,829,016
*GØMTN 1,794,121

21 MHZ
LP2F (LU1FDU) 2,222,207
CX4AAJ 1,725,636
9A5W 1,515,220
UXØFF 1,208,832
K3SØQ 1,146,036
UW1M (UR5MW) 1,066,418
K4FJ 977,040
ØH7MJU 821,328
WØ6Ø (N6ML) 763,758
RØ3SI 608,300

7 MHZ
*IO3UD (IW3SQY) 2,231,138
*E79D 1,571,570
*UR7TZ 1,303,736
*ØK2RU 1,168,172
*EC5CSW 1,114,876
*KI5AMB 944,680
*EU1AZ 836,944
*MOVAA 818,244
*SP3VSE 806,474
*YV5RY (V5KAJ) 798,984

14 MHZ
K4FJ 977,040
WØ6Ø (N6ML) 763,758
W7ZR 376,336
KE9I 270,884
KK8X 218,290
N7BV 196,980
WBWÆJ 27,040
W7MRC (NG7Z) 17,353
WK4Y 5,712

MULTI-OPERATOR TWO TRANSMITTER ALL BAND
KF4ØQY 2,718,232
N2BJ/9 2,118,714
WØIW 1,820,880
NK7U 554,382

*YU2A 510
*F6IRG 72

14 MHZ
CT3EN 3,447,686
SN7Ø 2,079,004
9A7R 1,987,255
WW4R (N4ZZ) 1,810,284
KK9A 1,696,442
US5I (US5IO) 1,546,360
S59AKR (S52X) 1,538,537
WV6I (N6WM) 1,496,302
LN9Z (LB1G) 1,465,568
DR1ØTCC (DK3DM) 1,463,924

3.5 MHZ
*IV3YIM 1,085,466
*EU8RZ 915,496
*IO8RB/1 (IK1DFH) 644,328
*YU7YZ 617,382
*ØM5TX 610,000
*SP4ØEY 549,626
*UT5KO 502,680
*UZ2HZ 472,610
*YL2GGQ 405,594
*USØGH 388,096

7 MHZ
AE5AA (N5ZM) 2,675,616
K9ØM/4 1,986,600
W1TY/2 1,343,626
K7WP 765,706
NM6K (K6AW) 627,216
AE1P 425,896
W4CU 390,724
AA4VV 313,196
WØBR/3 136,416
Al6Ø 62,040

MULTI-OPERATOR MULTI-TRANSMITTER ALL BAND
KØPK 146,610
K4WW 81,972
W6AE/7 77,832
W7PP/8 72,628
N2EK 33,276
N6MA/7 2,752

21 MHZ
*EA7ISH 658,530
*UZ7HO 320,910
*YØ3JF 315,792
*KIØEIE 256,794
*RA4WC 226,950
*YT2B 199,880
*MWØCRI 194,400
*G4ZØB 179,738
*ØØ6HMA 169,433
*DL1DTL 168,960

7 MHZ
S53M (S51FB) 4,715,540
I4IKW 4,258,738
HF4K (SP4K) 3,831,264
GM3SEK 2,763,834
AE5AA (N5ZM) 2,675,616
YT1VP 2,648,268
RL4R (RW4PL) 2,351,076
UN1L 2,133,330
K9ØM/4 1,986,600
ES5RY 1,752,184

MULTI-OPERATOR SINGLE TRANSMITTER ALL BAND
EE8E 14,208,960
E73M 8,044,411
P41YL 7,904,256
RK9CWA 7,431,585
I2ILBG 6,678,000
TM4P 5,973,708
DD1LD 5,712,470
YTØA 5,692,866
9A5D 5,396,653
SX1L 5,254,535

3.5 MHZ
*WE4M 3,325,880
*K9NR 2,288,887
*N9CK 1,620,729
*NTØF 1,331,408
*NV2G (N2ZN) 1,162,974
*N4IG 1,135,464
*K8AJ5 1,035,120
*N2FL 839,375
*K2DSL 817,430
*K7RE/Ø 813,093

EUROPE SINGLE OPERATOR HIGH POWER ALL BAND
LZ8E (LZ2BE) 7,547,400
S50A (S50XX) 6,294,750
RD3AF 5,348,200
E05M (URØMC) 5,198,842
RA3CM 5,093,424
SØ8ØM (SØ9UM) 4,793,256
UWØI (UT2IZ) 4,729,140
RG3K (UA3ØDX) 4,035,339
YØ9HP 3,979,212
LY9Y 3,925,884

14 MHZ
*G2YL 619,887
*HA7TM 586,592
*CT1EEK 413,118
*YU8NU 404,044
*EA4DB 377,865
*G3YBY 356,697
*LZ2JA 350,910
*S51ØE 337,900
*RN6HDX 316,316
*UA6BJY 308,660

7 MHZ
9A1CCY (9A3NM) 2,486,304
I4AVG 2,007,880
EMØX (UT2XØ) 1,762,992
DL4MCF 1,530,780
ØY3JE 1,269,884
IZØKBR 1,239,840
YU7AU 1,028,700
ES5GP 899,640
DJ3IW 800,808
SP6AXW 469,780

MULTI-OPERATOR TWO TRANSMITTER ALL BAND
4Ø3A 14,493,792
Z37M 12,047,140
RWØA 9,293,220
ØH6R 8,923,150
EA8URL 8,419,428
DLØCS 7,709,998
LY2W 6,204,716
EF7R 5,907,094
KF4ØQY 2,718,232
JØ6ZPR 2,225,862

SINGLE OPERATOR LOW POWER ALL BAND
*K8IA/7 144,957
*NW1C 40,796
*KC8ZTJ 24,823
*KX7L 5,994
*NSUWY 5,700
*KFØIQ 3,680

28 MHZ
RU6CO 12,012
IK3ASM 420

7 MHZ
*IO3UD (IW3SQY) 2,231,138
*E79D 1,571,570
*UR7TZ 1,303,736
*ØK2RU 1,168,172
*EC5CSW 1,114,876
*KI5AMB 944,680
*EU1AZ 836,944
*MOVAA 818,244
*SP3VSE 806,474
*USØMM 768,812

SINGLE OPERATOR LOW POWER ALL BAND
*PJ4R (N4RR) 5,412,550
*XZ2B (PY2MNL) 4,569,532
*VA2UP 4,134,200
*CT1ILT 4,130,634
*WE4M 3,325,880
*PJ2T (W8AV) 3,119,200
*E76C 2,848,230
*ZC4LI 2,758,800
*K9NR 2,288,387
*YT2T 2,245,698

MULTI-OPERATOR MULTI-TRANSMITTER ALL BAND
HG1S 14,452,038
LZ9W 8,702,370
KØ4RRU 6,617,322
VE7UF 5,221,755
DL3VTA 4,398,732
J38XX 142,428

14 MHZ
*AKØA 989,280
*W4LC 542,841
*WM5DX 471,090
*W1ZD/7 211,104
*KM6Z 199,584
*W9ILY 167,760
*N7DB 104,854
*N2ZAK 100,200
*KC1UX 74,909
*K4FPF 42,182

21 MHZ
SN7Ø 2,079,004
9A7R 1,987,925
US5I (US5IO) 1,546,360
S59AKR (S52X) 1,538,537
LN9Z (LB1G) 1,465,568
DR1ØTCC (DK3DM) 1,463,924
IK6VXØ 1,352,754
ØK8YD 1,264,304
DF9ZP 1,246,278
ØK3C (ØK2ZC) 1,155,544

14 MHZ
SN7Ø 2,079,004
9A7R 1,987,925
US5I (US5IO) 1,546,360
S59AKR (S52X) 1,538,537
LN9Z (LB1G) 1,465,568
DR1ØTCC (DK3DM) 1,463,924
IK6VXØ 1,352,754
ØK8YD 1,264,304
DF9ZP 1,246,278
ØK3C (ØK2ZC) 1,155,544

28 MHZ
*JF1RYU 3,939
*JH6WHN 2,370
*PU5AAD 1,160
*YU2A 510
*F6IRG 72
*J3FLA 33

UNITED STATES SINGLE OPERATOR HIGH POWER ALL BAND
K4GMH 7,876,920
K3MM 6,158,748
AA3B 5,167,272
K1SFA (@K1TTT) 4,749,976
N2WK 4,412,529
K4RO 3,766,375
W3FV 3,617,046
W3MF 3,570,750
WB9Z 3,562,221
W4PK 3,474,838

7 MHZ
*AC4HW 692,040
*AB1J 415,872
*KK1X 334,536
*K2PO/7 (K2PO/7) 275,850
*NW7SS (K6UFO) 177,408
*K2PAL 134,460
*N3TG/4 61,500
*KEØL 45,540
*WA7BME 8,000
*KM6I 6,160

3.5 MHZ
9A1CCY (9A3NM) 2,486,304
I4AVG 2,007,880
EMØX (UT2XØ) 1,762,992
DL4MCF 1,530,780
ØY3JE 1,269,884
IZØKBR 1,239,840
YU7AU 1,028,700
ES5GP 899,640
DJ3IW 800,808
SP6AXW 469,780

7 MHZ
S53M (S51FB) 4,715,540
I4IKW 4,258,738
HF4K (SP4K) 3,831,264
GM3SEK 2,763,834
YT1VP 2,648,268
RL4R (RW4PL) 2,351,076
ES5RY 1,752,184
AN1A (EA1AST) 1,697,610
IW1PNJ 1,445,598
DL6JZ 1,435,980

21 MHZ
*CT3KY 1,372,624
*6W2SC 1,235,433
*VV1FM 1,037,848
*UP6P (UN6P) 797,406
*UN9GD 723,151
*EA7ISH 658,530

21 MHZ
KK5ØØ 1,146,036

7 MHZ
*W1CSM 2,916
*K7MH 1,998

14 MHZ
*AKØA 989,280
*W4LC 542,841
*WM5DX 471,090
*W1ZD/7 211,104
*KM6Z 199,584
*W9ILY 167,760
*N7DB 104,854
*N2ZAK 100,200
*KC1UX 74,909
*K4FPF 42,182

MULTI-OPERATOR SINGLE TRANSMITTER ALL BAND
E73M 8,044,411
I2ILBG 6,678,000
TM4P 5,973,708
DD1LD 5,712,470
YTØA 5,692,866
9A5D 5,396,653
SX1L 5,254,535
DKØEE 5,039,615
ØF5ØRR 4,673,378
ØH3I 3,874,360

21 MHZ
*CT3KY 1,372,624
*6W2SC 1,235,433
*VV1FM 1,037,848
*UP6P (UN6P) 797,406
*UN9GD 723,151
*EA7ISH 658,530

21 MHZ
KK5ØØ 1,146,036

MULTI-OPERATOR SINGLE TRANSMITTER ALL BAND
WW4LL 4,941,016

3.5 MHZ
9A1CCY (9A3NM) 2,486,304
I4AVG 2,007,880
EMØX (UT2XØ) 1,762,992
DL4MCF 1,530,780
ØY3JE 1,269,884
IZØKBR 1,239,840
YU7AU 1,028,700
ES5GP 899,640
DJ3IW 800,808
SP6AXW 469,780

MULTI-OPERATOR TWO TRANSMITTER ALL BAND
4Ø3A 14,493,792
Z37M 12,047,140
ØH6R 8,923,150
DLØCS 7,709,998
LY2W 6,204,716
EF7R 5,907,094
IK1TWC 5,124,400
IØ8MD 1,214,400
RF3T 1,034,990

21 MHZ
*CT3KY 1,372,624
*6W2SC 1,235,433
*VV1FM 1,037,848
*UP6P (UN6P) 797,406
*UN9GD 723,151
*EA7ISH 658,530

21 MHZ
KK5ØØ 1,146,036

MULTI-OPERATOR SINGLE TRANSMITTER ALL BAND
WW4LL 4,941,016

SINGLE OPERATOR LOW POWER ALL BAND
*CT1ILT 4,130,634
*E76C 2,848,230
*YT2T 2,245,698
*LZ9R (LZ3YU) 2,118,202

MULTI-OPERATOR MULTI-TRANSMITTER ALL BAND
HG1S 14,452,038
LZ9W 8,702,370
DL3VTA 4,398,732

*Low power

CLUB COMPETITION

UNITED STATES

Club	# Entrants	Score
POTOMAC VALLEY RADIO CLUB	39	35,718,790
NORTHERN CALIFORNIA CONTEST CLUB	43	33,803,738
SOCIETY OF MIDWEST CONTESTERS	26	26,432,326
FRANKFORD RADIO CLUB	11	17,404,367
TENNESSEE CONTEST GROUP	24	16,290,745
YANKEE CLIPPER CONTEST CLUB	23	15,490,833
ALABAMA CONTEST GROUP	10	9,292,398
GRAND MESA CONTESTERS OF COLORADO	10	8,881,396
ROCHESTER (NY) DX ASSN	7	7,575,128
FLORIDA CONTEST GROUP	11	7,374,597
MINNESOTA WIRELESS ASSN	20	6,027,121
WILLAMETTE VALLEY DX CLUB	9	5,285,361
CENTRAL TEXAS DX AND CONTEST CLUB	7	4,692,494
CTRI CONTEST GROUP	7	4,482,227
MAD RIVER RADIO CLUB	8	3,877,614
ORDER OF BOILED OWLS OF NEW YORK	6	3,646,360
ARIZONA OUTLAWS CONTEST CLUB	17	3,637,528
SOUTH EAST CONTEST CLUB	8	3,377,246
BERGEN ARA	3	3,070,516
SOUTHERN CALIFORNIA CONTEST CLUB	8	2,192,372
LOUISIANA CONTEST CLUB	3	1,675,391
UTAH DX ASSOCIATION	5	1,597,762
WESTERN NEW YORK DX ASSOCIATION	3	1,499,401
WESTERN WASHINGTON DX CLUB	10	1,386,285
KANSAS CITY DX CLUB	4	1,140,540
SKYVIEW RADIO SOCIETY	3	1,057,531
SPOKANE DX ASSOCIATION	5	1,055,271
KENTUCKY CONTEST GROUP	5	829,220
HUDSON VALLEY CONTESTERS AND DXERS	3	637,091
DELAWARE LEHIGH AMATEUR RADIO CLUB	4	632,255
METRO DX CLUB	5	601,429
NORTH COAST CONTESTERS	3	561,520
PADUCAH AMATEUR RADIO ASSOCIATION	3	419,528
CAROLINA DX ASSOCIATION	3	151,356

DX

BAVARIAN CONTEST CLUB	71	59,021,480
UKRAINIAN CONTEST CLUB	38	41,277,364
RHEIN RUHR DX ASSOCIATION	55	34,017,983
SLOVENIA CONTEST CLUB	10	18,770,755
CONTEST CLUB FINLAND	8	15,703,811
URAL CONTEST GROUP	10	13,551,638
BLACK SEA CONTEST CLUB	27	12,600,778
CROATIAN CONTEST CLUB	9	12,162,763
BOSNIA AND HERZEGOVINA CONTEST CLUB	5	11,697,421
CONTEST CLUB ONTARIO	18	10,568,671
YU CONTEST CLUB	7	10,363,751
CONTEST GROUP DU QUEBEC	7	9,932,123
RUSSIAN CONTEST CLUB	7	9,766,394
LU CONTEST GROUP	11	8,714,837
YO DX CLUB	16	8,175,063
BRITISH COLUMBIA DX CLUB	6	7,776,871
KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB	4	7,534,508
GMDX GROUP	5	7,289,616
LATVIAN CONTEST CLUB	8	6,870,601
SOUTH URAL CONTEST CLUB	5	6,811,379
VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB	3	6,676,759
DL-DX RTTY CONTEST GROUP	13	6,637,615
NONE	20	6,585,010
ARAUCARIA DX GROUP	7	6,205,430
CT3 MADEIRA CONTEST TEAM	3	4,978,292
YAROSLAVL CONTEST CLUB	3	4,518,853
BRITISH AMATEUR RADIO TELEDATA GROUP	3	4,394,807
599 CONTEST CLUB	6	4,362,543
WORLD WIDE YOUNG CONTESTERS	9	4,103,575
SP DX CLUB	14	3,745,558
RTTY CONTESTERS OF JAPAN	7	3,567,600
LA CONTEST CLUB	3	2,862,876
CHILTERN DX CLUB	4	2,619,745
BELARUS CONTEST CLUB	4	2,314,813
KKKK CONTEST CLUB KRASNODARSKOGO KRAYA	5	1,994,274
CSM BAIA MARE	4	1,719,399
CENTRAL SIBERIA DX CLUB	3	1,434,889
VU CONTEST GROUP	4	1,413,160
TEMIRTAU CONTEST CLUB	5	1,355,450
VK CONTEST CLUB	4	1,303,096
TULA RADIO CLUB	3	1,185,213
RIO DX GROUP	6	958,661
TOP OF EUROPE CONTESTERS	3	877,685
PLIS PLAII CONTEST TEAM	3	855,872
RU-QRP CLUB	3	695,595
HAROS RADIO CLUB	4	361,481
NORFOLK AMATEUR RADIO CLUB	4	347,594
CANTAREIRA DX GROUP	4	202,432
ALRS ST PETERSBURG	3	116,237
BEIJING SUNNY HAM CLUB	4	17,360

compares the club name in your log to the CQ contest club name list and ignores any that do not match exactly. It is easy to add a club name to the list following the instructions on the club names web page.

Log Checking

Besides being a lot of fun, contesting improves operating skills. Today's log-checking technology provides insightful analysis. Log Check Reports (LCRs) are available on request from <w0yk@cqwpxrtty.com> and describe the detail of all the errors found in your log. A theoretical but unrealistic goal is zero errors. For one thing, the other station can make a mistake, such as inadvertently erasing your QSO from his log, or sending a different serial number than what he recorded in his log. These errors by the other station will cause you to lose the QSO credit and perhaps incur a NIL (Not In Log) penalty. Another consideration is operating very slowly and meticulously to avoid errors, but actually decreasing the potential score by working less stations. With the current state of log checking, an error rate less than 4% is good, and if it is less than 2%, one might wonder if too much time is being spent on accuracy—e.g., long exchanges, repeats, etc. As a reference, this set of logs had an average of 1.5% NILs, 1.2% busted (incorrect) callsigns, and 1.8% busted serial numbers.

Some single operator logs had a seemingly high error rate in their LCR, but it was largely due to operating beyond the 30-hour limit. Some operated 36 hours, perhaps going by the CW/SSB WPX rules, while others just wanted to operate more. There is no penalty for this at all and it adds to contest activity. Any QSOs beyond 30 hours of operating (with breaks less than 60 minutes included as operating time) are used, actually needed, in the log checking, but not included in the score.

Results and Records

Thanks to Don, AA5AU, and Randy, K5ZD, there is now a searchable database (www.cqwpxrtty.com/score_db.htm) of all results in the history of CQ WPX RTTY, as well as CW and SSB. It is easy to initiate a quick search for all the operations by a given callsign, or see the historical results of a country or region. This, in turn, provides a very rich and accurate set of records (www.cqwpxrtty.com/records.htm) for all categories and any geographical area. The Statistics link brings up a graph of submitted logs since the beginning of CQ WPX, 16 years ago.

Also, for expanded QRM and a list of ops of multi stations for the 2010 contest, see the CQ website: <www.cq-amateur-radio.com>.

Acknowledgements

In addition to Don and Randy, there are many who work to support WPX RTTY. Mark, K6UFO, assists wherever help is needed, such as fixing logs for Cabrillo compliance, entering paper logs (there were three this year!), proofing rules and website edits, printing one-off certificates, etc. Gail, K2RED, at CQ edits and takes care of the details for this article. Mike, K4GMH, manages the sponsored plaque program, finding sponsors, collecting funds, producing the artwork, checking it twice (or more!), and ordering plaques all in a timely manner as soon as results are completed. Barry, W5GN, tackles the monumental job of producing hundreds of certificates and deciphering addresses in the Cabrillo headers to mail out all of them.



Juan, EA8CAC, Olli, EA4BQ, and Pekka, EA8AH, drove the EA8AH super-station under the callsign EE8E to dominate the MS class with 14.2M points, smashing the world record by 64%.



Jim, W4TMO, shown here, really enjoys operating MS RTTY with father-in-law Bert, N4CW, at Bert's North Carolina station.

Ken, K1EA, and Randy, K5ZD, expertly support the log-checking process. SWL log checking is performed by Dan, I1-12387, using special log-check software written by Marek, SP7DQR.

See everyone in the next CQ WPX RTTY on 12-13 February 2011. 73, Ed, W0YK

QRM

Nice to have some sunspots around! Thanks for another good contest. Hope to be back next year. ... 2E0BPP. My second ever RTTY contest, my first international RTTY HF contest. I think I've got the bug! I look forward to beating my score in the next contest. Thanks G3LDI, Roger for all your help with N1MM. ... 2E0RKY. First time in WPX RTTY. Surprized at the many stations. I did not work all the time. I was on vacation! ... 6V7V. I was able to enjoy this contest. Tnx for a fine contest again. ... 7N2UQC. First major contest flying solo. First 15 meter opening, including 7 JAs in a row. Why didn't someone tell me how much fun this is? ... AA4YL. Best condx for a WPX RTTY contest in several years. Welcome back sunspots! ... AA5AU. I had a blast in this contest. The improved solar conditions made for a great time on 15 meters. As a little gun station, I'll take whatever solar help I can get. There were lots of new call signs, both foreign and domestic, making their way into the log during this contest. No contacts were made on 10 meters. Let's hope for more sunspots and a higher solar flux as the year goes on. ... AE5PW. First I want to say many thanks to my friend Jim (W7EJ) for inviting me, giving me the opportunity to work the contest from his very nice Moroccan station. Many thanks to all the stations I worked during these days. ... CN2R. This time it was very hard! Due to a cyclone in my zone a few days before the Christmas day, I lost all my antenna system. So for this test I made a homemade dipole for 14 MHz and TX with only 80W. You can imagine! Anyway, I enjoyed all the numbers exchanged! ... CT1EEK. What a contest. This was my first "serious" RTTY contest attempt! Running a K3 and a IC-746PRO in a SO2R setup with Writelog was big fun. I am surprised what can be done in RTTY with just 100 watts. And due to low power operation no BCI/TVI complaints from neighbors. ... DK5WL. The contest took place in the middle of the very busy summer season in Antarctica, so my time to participate was rather limited. I enjoyed good propagation to North America on 20m, and managed to work a few new RTTY countries to finish my DXCC from Antarctica. The location is Neumayer Station III in Dronning Maud Land, grid locator IB59UH. ... DP1POL. A bit more propagation on Sunday than Saturday, but I spent good hours in this contest. ... EE5J. My sixth RTTY WPX Contest and the best. Good conditions on 80m to 15m. I hope that the propagation will continue to improve. I tried 10m from time to time, but nobody, nobody. Thanks to all who worked me. ... F5RD. I'd almost forgotten how fun 15m can be! ... G0MTN. A much better event than last year. Sad there was no 10m opening, but we did try the band. Very enjoyable as ever and shows what can be done with a little pistol station. ... G6BOX. First time on this mode in 21 years of hamming! So quite a fun introduction! ... G7DDN. Thanks to everyone for the QSOs, especially the wonderful run of W/VE stations on Saturday evening (your time). But above all, thanks to all the spouses, partners, and cheerleaders who allowed us to enjoy a RTTY contest on Valentine's Day! ... GM3SEK. Without any earlier experience I tried the mode and I am satisfied with the result. Many thanks for the contacts! Rig TS-530SP 25W, ant end-fed wire 21 mtrs long above flat roof. ... HA2MN. Great fun with my R7 vertical, 400W, and TS2000X. I improved my last year score by a 30% and I hope next year to do much better hoping for a good 10 meter opening. ... IK2SAI. It was a contest that was able to be enjoyed by all bands this time. This is because "sunspot number" coming up. ... JA1BWA. I was able to work more stations than I thought thanks to good propagation for Europe on 15 meter band. Thanks to those who called me. See you again next year. ... JA6DIJ. My first RTTY WPX. 80m DX conditions were not the best, but a fair opening to EU on Saturday night made things more interesting. Fun contest! ... K0PK. What a blast! This is one fun contest! Like last year, the computer decided to mess me up. Spent two hours troubleshooting an audio problem, but I still bested my last year's score by 156 Q's and 166,212 points! Thanks CQ for a fun weekend! ... KA1C. The XYL got her ticket after more than two decades of marriage and now wants to contest. I Love It! ... KC4WQ. What a difference a few sunspots make. Moved up to 15 meters and had great luck with DX contacts. If I could hear them I could usually work them.

Not bad for an attic antenna, 75 watts, and parttime operating. ... KF0IQ. It was interesting to work single-band (40m) in a contest and try to make a valid go of it. Watching live scoring made an additional motivation. Also my first contest as a part of YCCC made me work for the team a little harder. ... KK1X. It was nice to have some propagation for a change, but the window to Europe was fairly short up here in the Pacific Northwest. Backup station and antennas worked well, but should have the whole shooting match for upcoming contests, finally! Thanks to all those guys who jumped in giving out contacts. I had a blast! ... KK7OO. What a rollercoaster ride of RTTY fun! Had some great propagation on 15 meters, some challenging propagation to Europe on 20 meters, some exciting contacts on 40 meters, all mixing together for an awesome RTTY weekend. My best score yet! Thanks for the contacts and to CQ for sponsoring the biggest fun RTTY weekend of the year. The bands were bursting with RTTY signals, wow! ... KL8DX. Decided to work on my 15m DXCC and have some fun. High point was working 6W2SC for a new one. Go Sunspots! ... KX7L. Brilliant fun. Great having 15m open in such good shape. ... MM0GPZ. Murphy lives in my shack. ... N2EIK. Some nice DX found during the contest, always a bonus. Thanks to all the guys and gals who heard my 100 watts and apologies to the guy I left on 80m mid QSO when the rig finally died on that band. The real plus was to be, once again, in a contest with the SFI above 90. FANTASTIC! ... N2FF. Tried to fight off a cold with Nyquil. Should have fought off the Nyquil. Got lots of sleep in between short bouts of operating. ... N6DW. Our first effort as a multi-operator in this contest. Had a ball despite a rare six inch snowfall the first night. With fairly decent band conditions we managed over 1800 QSOs and hope to do better next year. ... NC4CS. Very nice moment spent with RTTY friends but a big power crash in the computer killed my end of the contest! ... ON5SV. Very nice contest after doing the PACC Dutch contest. ... PE2KP. Our first RTTY contest! ... RM3M. Wow! The upcoming sunspot cycle looks promising. 15m was a real blast with good openings both to JA and W. Can't wait for it to get even better. This was my 4th RTTY contest ever. Much fun! 99% run and just a few QSOs S&P. Thanks to everyone for calling! ... SM6U. Goodbye spotless days, welcome Solar Cycle 24! ... SV1BDO. Very good contest and very good propagation. 73s ... TA7KA. Over 300 Europeans just on 40 meters! Tks to VU2LBW for calling in on 15 meters! ... VA3DX. Work gets in the way again. I will have to retire soon so I can contest without interruptions! ... VA3PC. Murphy's Law: The more you practice and prepare before the contest the more likely it is that something will screw up when the contest starts. ... VE5RI. Great to see growing RTTY activity spreading so widely across the formerly quiet bands. Welcome back sunspots! Thanks to all who pointed to VK! ... VK3TDX. This was my first RTTY contest and I couldn't spend a lot of time on air as it was my birthday and Valentine's Day! Still I enjoyed operating mainly on 15m and 40m. Can't wait to do a serious effort in this contest next year to give lots of people the VK8 prefix. ... VK8PDX. Some of the biggest signals ever from North America were heard on 15m. This is very heartening and shows promise for the upcoming contest season. Even 10m showed some life to EU and Africa. I was running between 100 watts to 200 watts depending on mains power availability. ... VU2PTT. QRP operation using standalone NUE-PSK modem. Worked beyond my expectations! ... VX3CW. Great contest. Conditions were better on the first day. First time I've been able to get a run going on 15 meters. Good to see a lot of new contesters. ... W0EM. This contesting thing can really get under your skin My second contest in almost 40 years. What great fun. I am looking forward to many more. ... W7JDE. Wow! 15 was OPEN. Even made some Q's on 10! ... WA9IVH. Great to see 10 meters open for this year's contest. Let's hope the Sun gods continue the trend and keep things rockin'. ... WB8JUI. First contest for father and son team. We had a lot of fun and enjoyed 15 meter opening. ... XE2AUD. Was glad to run my first CQ WPX RTTY contest after three decades of classic RTTY traffic! Enjoyed the excellent TTY facilities of the IC-7000 and MMTTY combination. ... YO2IS. Poor condx into NA here! PACC Contest put out many RTTY active PA stations. ... YU7AU. A casual entry this year. Still learning how to drive N1MM and MMTTY. Spent quite a bit of time hunting the WWW in vain for suitable message files to import into N1MM (seems I will have to publish mine!). Apologies for messing up the odd exchange. N1MM's Enter-Sends-Message mode is particular about getting the right info entered in the right sequence, but my fingers don't always play ball. Took several breaks to feed an orphan lamb rescued from the forest on Sunday. Such is the life of a ZL contestant. ... ZM4G.