Results of the 2014 CQ WW WPX RTTY Contest

BY ED MUNS, WØYK

Really good propagation conditions over the whole weekend! . . . ***DL1EAL***

One of the best WPX RTTY Contests I have ever entered. Band conditions were incredible . . . ***WØRAA***

My tenth WPX WW Contest and the best . . . ***F5RD***

Amazing fun! Some good conditions, and plenty of stations to work, what could be better? Really enjoyed myself . . . ***GUØSUP***

One more CQ WPX RTTY contest, such a pleasure . . . ***TF1AM***

. Great propagation and super WPX RTTY operators . . . ***FP/W6HGF***

Great conditions made for a fun contest . . . ***VE3SS***

10/15m were HOT! . . . ***K7ON***

Great 10 meter opening . . . ***N7UVH***

Great Fun! Good Propagation on 10 . . . ***N8WXQ***

The so-called second peak of solar Cycle 24 elevated the MUF (maximum usable frequency) to the highest point in the last five years of this contest. Ten meters produced as many QSOs as either 20 or 40, with 15 meters being the top band for the weekend. In contrast, 80-meter activity decreased as a percentage of total QSOs:

Band	2010	2011	2012	2013	2014
80	13%	15%	11%	11%	8%
40	27%	28%	23%	26%	21%
20	36%	35%	27%	28%	22%
15	23%	21%	30%	29%	28%
10	0.5%	1%	9%	6%	21%

A number of participants took advantage of the excellent 10-meter propagation to set two new Single-Op world records (of the three possible power levels) on that band. In addition, 14 of the 18 continental records on 10 meters were broken. (See the last three quotes above.)

Fifteen-meter records were also broken: two world and five continental. In total, across all entry classes, five new world records were set, as well as 29 new continental records:

	World		Continent	
	New	Avail	New	Avail
SO10	2	3	14	18
SO15	2	3	5	18
SO20	–	3	2	18
SO40	–	3	7	18
SO80	–	3	1	18
SOAB	1	3	3	18
MS	–	1	–	6
M2	–	1	–	6
MM	–	1	3	6
Total	5	21	29	126

In this 20th annual CQ WPX RTTY Contest, participation decreased from last year to 2,826 submitted logs with total QSOs dropping almost 15% to 1.1 million. There were 186 different countries and 2151 different prefixes logged, about the same as 2013. Once again, 9A1A captured the most prefixes at 1161.

The transmitted RTTY signal bandwidth of many stations continues to be far greater than needed, causing unnecessary interference and crowding on contest weekends such as this one. AFSK users need only ensure their encoder filter is set appropriately narrow, while FSK users must rely on their radio manufacturer to provide the proper bandwidth. Unfortunately, very few radios adequately filter their FSK signals, which is relatively easy to do in today's DSP radios. Just like in the past days of rampant CW key clicks, amateurs need to pressure transceiver companies to responsibly filter FSK. For more discussion on this important topic see Dr. Andy Flowers' (KØSM/2) papers:

- http://www.frontiernet.net/~aflowers/k3rtty/k3rtty.html
- http://www.frontiernet.net/~aflowers/k3beta/.

Single-Operator (2632 entries)

There are many Single-Operator entry categories to satisfy a wide range of interests. Low Power remains the most popular

Fabio 5B/IK2LTR, fifth place 15 Meter LP.

Alessandro 5B/IZ4AMS, third place 10 Meter LP.

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power level and 10 meters was the most popular Single Band category this time:

	80	40	20	15	10	SB	AB	SO
QRP	3	14	11	10	16	54	67	121
LP	20	79	71	107	132	409	1219	1628
HP	28	41	44	59	70	242	641	883
Total	51	134	126	176	218	705	1927	2632

QRP (121)

"Band conditions were excellent for QRP." . . . ***K3TW***
Thanks for adding the QRP category to this contest! It's the most fun I've ever had with 5 watts! . . . ***W6QU***

Obaid A61DJ set the new 10 meter QRP world record and the next four places all set new continental records: Jose ED9K (EA9CD); Jorge LW5DW; Jose CO6EC; and Vittorio IZ2JPN. Thirteenth-place Bob KH6KG set the last continental record in Oceania for a clean sweep of all the world and continental records for 10 Meter QRP.

Similarly, in 15 Meter QRP, Gabor HG3IPA set the new world record, with Jose CT1BXE close behind, while Geraldo ZZ80SP; Jim K5ND; Bambang YB2ERL; and Serge RAØAY each set a new continental record.

Alex UX5UU set a new Europe record on 20 meters on the way to winning that category. Mario TG9ADQ won North America and second place overall.

Low-band QRP certainly is a challenge, especially at the peak of a solar cycle. The standings are dominated by European stations. Janiz S51DX captured first place on 40 meters and six-thth place Paul N6MA/7 won North America. Yuichiro JM2RUV won Asia.

Gabor HA5NB took first on 80.

In the All Band QRP category, Rudolf TM3T took first place with nearly the same score as he made in 2013, narrowly missing the world record. The next four places were also from Europe: Gendron F5BEG; Dmitry RX1CQ; Dmitrij UT3N; and Rudolf OM6RK. Sixth-place Dave K2YG won in North America, just short of his last two years' scores in this category. Kazumi JK1TCV set a new Asia record.

Low Power (1628)

The first three places in 10 Meter Low Power each set continental records: Daniel LW6DG; Francisco EE7Y (EA7ISH); and Alessandro 5B/IZ4AMS. Gonzalo XE3N set a new North America record and Danu YD1GCL won Asia.

On 15 meters, Mohamed 5C5W, with nearly 2.5M points, set a new world record, and second-place Vito IW9FDD won Europe. Randy K7TQ won North America and Fabio 5B/IK2LTR won Asia. Gary KH6GMP won Oceania and Adonay PX8X (PT8DX) won South America.

First place world in 20 Meter Low Power was Juan YW5T (YV5JBI), who set a new South America record. Michele, IZ8EFD, was second in the world and first in Europe. Carlos CO2CW won North America and Yuri UA9AFS won Asia. Isidro EA8NQ won Africa and Hugo ZP8T (K2DER) won South America.

Nagy HG5D (HA8QZ) took first place world on 40 meters with the next seven places also from Europe. Ninth place Colin KU5B was first in North America. Hideaki JI3CWI won Asia and Kasmuri YD1MRI won Oceania.

Iacopo IK5AMB won the world in 80 Meter Low Power, barely inching past Zeljko YT5CT. The next four places were also in Europe. Seventh place Dunia EE8T (EA8MT) set a new Africa record.

In All Band Low Power, Fabi VA2UP,set a new North America record on his way to win. Second place was John KK9A who has begun applying his CW and SSB Low Power prowess to RTTY. John operated P40A for many years to capture a number of Low Power wins in the "other" modes. The next three places each won their respective continent: Sergey, EA7/UT5UDX; Wanderley ZZ2T (PY2MNL); and Yuri RT9S. Heijo. EF8O (DJ1QJ) won Africa.

Jeff KS7AA (op. WK6I) driving three radios (SO3R/SO6V) at the W7RN super station in Virginia City, NV.

Nikolay UXØFF SO AB LP with many awards from Top Band to EME.

High Power (883)

On 10 meters, Kari EF8S (OH4KA) set a new world record, second-place Stephane TM6M (F4DXW) set a new Europe record, while Max KH6ZM and Don AA5AU set new Oceania and North America records, respectively. Second-place NA was Fred WW4LL, who "helped" Don win by providing friendly competitive motivation.

Remi LY8O won 15 meters and Tine S50A took second. Dave WK7S (K6LL) took third place for the North America win. Victor UCØA took 9th place and won Asia. Ken VK4QH won Oceania and Edgar CE3EEA won South America.

Pavel OK6W (OK1MU) won 20 Meter High Power, with Rudy N2WQ/VE3 taking second and the North America win. Jose CT3DZ won Africa; Yoshiharu JA9CWJ won Asia; and Wes ZM3T (W3SE) won Oceania.

2014 CQ WW WPX RTTY CLUB SCORES

UNITED STATES

Club	# Entrants	Score
POTOMAC VALLEY RADIO CLUB	49	51,550,334
FRANKFORD RADIO CLUB	15	22,571,938
NORTHERN CALIFORNIA CONTEST CLUB	21	19,097,841
SOCIETY OF MIDWEST CONTESTERS	28	17,448,497
CTRI CONTEST GROUP	7	12,394,367
YANKEE CLIPPER CONTEST CLUB	23	9,926,429
CENTRAL TEXAS DX AND CONTEST CLUB	4	8,410,017
ARIZONA OUTLAWS CONTEST CLUB	24	8,221,954
MOTHER LODE DX/CONTEST CLUB	8	6,623,172
FLORIDA CONTEST GROUP	8	6,574,474
TENNESSEE CONTEST GROUP	12	6,455,885
GRAND MESA CONTESTERS OF COLORADO	8	4,974,678
WILLAMETTE VALLEY DX CLUB	14	4,903,087
DFW CONTEST GROUP	10	4,693,593
WESTERN WASHINGTON DX CLUB	11	4,036,675
KANSAS CITY CONTEST CLUB	4	3,927,561
NORTH COAST CONTESTERS	11	3,731,255
ALABAMA CONTEST GROUP	6	2,849,120
MINNESOTA WIRELESS ASSN	17	2,621,105
NIAGARA FRONTIER RADIOSPORT	3	2,528,374
CAROLINA DX ASSOCIATION	6	2,466,145
LOUISIANA CONTEST CLUB	6	2,169,757
ORDER OF BOILED OWLS OF NEW YORK	5	2,151,874
SPOKANE DX ASSOCIATION	8	1,994,867
SOUTHERN CALIFORNIA CONTEST CLUB	11	1,763,158
HUDSON VALLEY CONTESTERS AND DXERS	4	1,753,303
BERGEN ARA	6	1,454,306
BRISTOL (TN/VA) ARC	5	1,257,021
METRO DX CLUB	6	1,255,779
CONTEST CLUB CALIFORNIA PENINSULA	4	1,041,612
MAD RIVER RADIO CLUB	4	890,039
SOUTH EAST CONTEST CLUB	4	849,478
MIDLAND AMATEUR RADIO CLUB	3	697,604
KENTUCKY CONTEST GROUP	5	553,143
MILFORD OHIO AMATEUR RADIO CLUB	4	416,037
SHENANDOAH VALLEY WIRELESS	4	396,083
RADIO CLUB OF REDMOND	3	290,015
WEST PARK RADIOPS	3	170,252

DX

BAVARIAN CONTEST CLUB	93	70,351,815
RHEIN RUHR DX ASSOCIATION	49	36,121,399
SLOVENIA CONTEST CLUB	12	26,042,287
UKRAINIAN CONTEST CLUB	21	25,475,984
HA-DX-CLUB	7	24,665,368
CROATIAN CONTEST CLUB	18	23,962,214
ORCA DX AND CONTEST CLUB	13	16,212,757
CONTEST GROUP DU QUEBEC	11	13,405,573
ARAUCARIA DX GROUP	13	13,100,004
LATVIAN CONTEST CLUB	9	12,945,601
CONTEST CLUB ONTARIO	17	11,383,061
BLACK SEA CONTEST CLUB	22	10,919,354
RADIO CLUB HENARES	6	9,740,269
CONTEST CLUB FINLAND	12	8,875,251
SOUTH URAL CONTEST CLUB	3	7,585,522
CONTEST CLUB SERBIA	14	6,428,834
BELARUS CONTEST CLUB	9	6,224,783
Z37M CONTEST TEAM	4	6,102,732
LU CONTEST GROUP	10	5,785,120
DONBASS CONTEST CLUB	11	5,101,493
RIO DX GROUP	3	3,687,905
KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB	6	3,543,791
TEMIRTAU CONTEST CLUB	3	3,501,816
DL-DX RTTY CONTEST GROUP	9	3,418,074
MEDITERRANEO DX CLUB	4	3,256,285
RTTY CONTESTERS OF JAPAN	9	2,922,935
BOSNIA AND HERZEGOVINA CONTEST CLUB	5	2,894,536
RUSSIAN CONTEST CLUB	4	2,695,908
VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB	3	2,691,115
599 CONTEST CLUB	4	2,499,050
WORLD WIDE YOUNG CONTESTERS	6	2,013,554
EUROPEAN PSK CLUB	8	1,753,398
SP DX CLUB	9	1,742,201
ARCK	3	1,344,845
ARI CASTELLI ROMANI	3	1,041,028
CHILEAN PACIFIC DX GROUP	4	835,181
MARITIME CONTEST CLUB	4	688,692
RUSSIAN CW CLUB	3	496,690
CHILTERN DX CLUB	3	492,812
URAL CONTEST GROUP	3	467,198
SK2AT FORENINGEN UMEA RADIOAMATORER	3	462,600
YB LAND DX CLUB	7	449,035
VRHNIKA CONTESTERS	3	330,156
SOUTHERN OSAKA CONTEST CLUB	3	250,145
DANISH DX GROUP	3	211,440
SK6AW HISINGENS RADIOKLUBB	3	109,324
VK CONTEST CLUB	3	31,214

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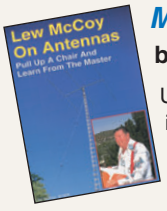

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Nikolay UXØFF and XYL Elena US5FFF enjoying their flower garden. Elena is a radio-officer for the Danube Shipping Company, running high-speed CW.

Jham HK1T won 40 meters world for a new South America record. Alexandre DR1D (DL1NS) was second, winning Europe. Art VE3UTT was sixth, winning North America. Vlad UN1L won Asia and Karsono YBØNDT won Oceania.

Jan OL9A (OK2ZAW) won 80 meters world and Peter VA3XH won in North America. Mike RY9C won Asia.

Ed P49X (WØYK) set a new High Power All Band world record and Rick KI1G won North America for second place. Bud AA3B took third and Boyan LZ8E (LZ2BE) was fourth, winning Europe. Yuri RG9A won Asia for fifth place overall. Nestor EF8G (EA8CNB) won Africa and John 9M6XRO won Oceania.

Multi-Operator (89)

Multi-Single is the most popular multi-operator category as shown below:

MS	M2	MM
65	13	11

Multi-Single. The ED1R team (EA1AR, EA1ASC, EC1KR, EA4AOC, EC4DX) took first place in Multi-Single with UA5A in second place. ZV2K (PY2EL, PY2PT, PY2VM, PY2LED, PY2SHF) was third overall and the South America continental winner. K3MJW (K3RWN, NK3P, WC3O, K3STL, KB3EYY, WA3KFS, K3FH, K3RMB) won North America; UAØAYA (RXØAK, RAØAY) won Asia; and 5IØDX (IV3FSG, ISØAGY, HB9DHG, IK7JWX) won Africa.

Multi-Two. LX7I (LX2A, DL6ZBN, DF8XC, DK5ON, DF7ZS) came out on top in Multi-Two with the next three places also from Europe: S51A (S50LD, S50P, S51F, S51ZJ, S55O); DQ4W (DJ4MZ, DK7MCX, DL2MLU, DL6RAI, DL7LIN); and YL4U (YL2CI, YL2UI, YL3AJA, YL3BF, YL1ZF, @YL2CI). Fifth place NØNI (NØNI, NØAC, NUØQ, NØXR, WIØH, NØMGK) won North America.

Multi-Multi. 9A1A (9A9A, 9A5W, 9A2DQ, 9A5DDT, 9A6A, 9A6TKS, 9A7C, 9A7R, Kristijan) was first in Multi-Multi again and second place NR4M (NR4M, K7SV, K4GM, KK4RTF, KA4RRU, NN4RB, K4SO, K4EC, K3UI, KD4AKC, G2YL, KC4QP, W4IM, K4MIL, N3ZV, KK4TYF, KE3X) set a new North America record. RWØA (RAØAM, RØACG, RAØANR, RAØASG, RUØAI, RUØAM, RWØAR, RZØAF, RZØAT, RVAUI, UAØAFL, RXØA) took third with their new Asia record. HG1S (HA1TJ, HA6NF, HA8DM, HA1DAC HA1DAI) was fourth and W1AW/KH6 (KH6FP, AH6OZ, WH6R, KH6MB, W7NX, KH7U, AH6NF @KH6YY) set a new Oceania record for fifth place this time.

Club Competition

World. The Bavarian Contest Club once again prevailed in the world club competition with 70.4M points from their whopping 93 entries. Rhein Ruhr DX Association took third place, being solidly beat by the Potomac Valley Radio Club, each with the same number of entries, 49. The Slovenia Contest Club edged out the Ukrainian Contest Club for fourth place. Not far behind were the HA-DX-Club and the Croatian Contest Club.

North America. The Potomac Valley

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2014 CQ WW WPX RTTY Top Scores

WORLD

SINGLE OPERATOR HIGH POWER ALL BAND

P49X (WØYK) 14,705,300
KI1G 7,701,728
AA3B 6,885,442
LZ8E (LZ2BE) 6,752,395
RG9A 6,727,784
K4GMH 6,679,590
OM5ZW 5,841,099
AB5K 5,757,507
UW1M 5,336,302
SN7Q 5,199,898

28 MHz

EF8S (OH4KA) 3,934,791
TM6M (F4DXW) 2,105,880
IT9RGY 1,651,888
KH6ZM 1,502,976
AA5AU 1,396,395
9A5Y (9A3NM) 1,361,483
YT9A 1,184,720
EA7ZY 1,105,091
EA1KY 1,058,253
WW4LL 1,049,937

21 MHz

LY8O 1,873,080
S5ØA 1,785,595
WK7S (K6LL) 1,581,935
3Z5N (SP5GRM) 1,511,169
N7AT (K8IA) 1,437,988
IW3RUA/IT9 (IW3RUA) 1,291,797
WA5ZUP 1,260,567
AI6YL/7 (AI6YL/7) 1,226,500
UCØA 1,141,278
UT7E (UV5EOZ) 1,016,472

14 MHz

OK6W (OK1MU) 1,841,246
N2WQ/VE3 (N2WQ/VE3) 1,753,890
SO4M 1,623,327
CT3DZ 1,619,695
IW1QN 1,393,953
OH7WW (OH3LQK) 908,890
YO9HP 793,016
IW1PNJ 722,060
IQØAP 704,608
YP5A (YO5CBX) 670,980

7 MHz

HK1T 5,102,542
DR1D (DL1NX) 3,609,472
S52X 3,215,926
IW1AYD 2,827,576
HA8JV 2,720,272
VE3UTT 2,126,802
NO4S (K9OM) 2,077,756
S51CK 1,773,460
9A5D (9A3ID) 1,771,000
OH6R (OH3FM) 1,386,996

3.5 MHz

OL9A (OK2ZAW) 1,246,968
DM7C (DL8CX) 1,024,056
YU3AAA 1,014,528
UX5IO 793,328
E7ØA 761,852
SQ9ORQ 618,096
SP8K 505,076
LY2NY 477,680
DL7URH 399,434
VA3XH 373,632

LOW POWER ALL BAND

*VA2UP 5,751,894
*KK9A/4 4,963,708
*EA7/UT5UDX (UT5UDX) 3,349,320
*ZZ2T (PY2MNL) 2,856,296
*RT9S 2,787,300
*UP6P (UN6P) 2,444,554
*WB5TUF 2,254,500
*HA8BE 2,121,813
*S56A 1,991,748
*AD7JP (K2PO) 1,958,360

28 MHz

*LW6DG 1,912,960
*EE7Y (EA7ISH) 1,582,380
*5B/IZ4AMS 785,916
*HZ1PS 771,256
*A61ZX 666,839
*IØUZF 570,843
*XE3N 564,200
*JH6WHN 481,950
*VO2DX/9 (VE9AA) 454,240
*N2WK 449,548

21 MHz

*5C5W (CN8KD) 2,475,542
*IW9FDD 791,040
*EC7ZK 693,462
*K7TQ 557,568
*5B/IK2LTR (IK2LTR) 547,360
*BA2IA 539,358
*W1ZD/7 483,688
*CT2IOV 447,848
*RA9AU 357,098
*GA5M (GM4ZNC) 344,124

14 MHz

*YW5T (YV5JBI) 1,109,208
*IZ8EFD 776,938
*URØHQ 653,232
*RZ1ZZ 635,725
*YU8NU 559,986
*CO2CW 510,845
*TG9ANF 469,572
*YT2AAA 424,710
*LB2TG 365,748
*VE3IAE 346,164

7 MHz

*HG5D 1,122,082
*OK2RU 910,188
*HA8BT 772,548
*IKØRCY 703,136
*USØHZ 655,802
*DL5KUD 641,592
*G8HBA 631,780
*YU2A 536,300
*KU5B 518,624
*EW8OF 513,922

3.5 MHz

*IK5AMB 626,516
*YT5CT 620,308
*HA1WD 604,788
*SQ2NNN 341,700
*OK2SAR 336,960
*YT2T (OU5A) 276,738
*EE8T (EA8MT) 273,000
*CT3KY 260,434
*OM3RWB (OM3ZCK) 208,638
*MØNKR 194,166

QRP ALL BAND

TM3T (F5VBT) 1,483,900
F5BEG 1,088,666
RX1CQ 858,032
UT3N (UT3NK) 756,071
OM6RK 551,784
K2YG 545,941
N2QT/4 479,960
HG6C (HA6IAM) 460,224
EA1SI 325,185
MØVAA 316,660

28 MHz

A61DJ 664,692
ED9K (EA9CD) 612,774
LW5DW 84,185
CO6EC 73,947
IZ2JPN 73,647
IK4UXA 68,391
JH3DMQ 59,732
IZ3NVR 47,109
W9PDS 16,128
KB2HSH 6,552

21 MHz

HG3IPA (HA3JB) 174,048
CT1BXE 166,254
ZZ8ØSP (PU2TRX) 147,920
K5ND 130,746
SP4LVK 56,032
YB2ERL 32,865
RA3XEV 12,351
RAØAY 3,960
9A4WT 510
DN7DX 270

14 MHz

UX5UU 144,055
TG9ADQ 141,000
WB4MSG 132,775
G8YTF (MØVAA) 91,680
9A4AA 71,340
NJ3I 56,021
EA1GFY 30,600
HG3M 26,070
DL8LR 8,442
W9CF/7 1,976

7 MHz

S51DX 287,448
UR3AHF 231,880
SP4BPH 122,748
UU4JCR 117,440
DJ3GE 111,600
N6MA/7 89,100
WA4VMC 79,508
UX9Q (UR9QQ) 46,512
RQ22RP (RT5R) 42,940
UT3XA 30,340

3.5 MHz

HA5NB 173,712
ON9CC 35,126
LY5D (LY3BY) 34,532

MULTI-OPERATOR SINGLE TRANSMITTER HIGH POWER

ED1R 7,912,293
UA5A 7,532,070
ZV2K 6,311,266
HG7T 6,283,025
IW9GTD 6,244,102
S55W 5,874,678
IZ6TSA 5,079,008
DJ8OG 4,805,172
Z37M 4,788,115
UW5Y 4,632,198

MULTI-OPERATOR SINGLE TRANSMITTER LOW POWER

V31RU 1,889,020
ON4WLR 1,299,879
ES1O 1,044,884
WE5DX 520,257
KT4RR 479,171
WØFRC 290,832
VE7SAR 232,410
AA9L 218,370
IQØTE 169,388
5IØDX 124,020

MULTI-OPERATOR TWO TRANSMITTER

LX7I 12,295,782
S51A 10,864,828
DQ4W 9,232,425
YL4U 7,300,847
NØNI 6,760,203
K9XD 6,040,412
RK4W 5,838,408
WQ2N 4,389,024
LN5O 4,147,535
W4ML 2,295,746

MULTI-OPERATOR MULTI-TRANSMITTER

9A1A 20,731,977
NR4M 15,394,176
RWØA 13,775,882
HG1S 13,377,538
W1AW/KH6 8,793,036
VC7J 8,131,424
DKØKC 7,925,120
K4VV 5,334,410
OH5CY 3,777,808
JH4UTP 3,069,555

ROOKIE HIGH POWER ALL BAND

KK4EIR 898,800
VE2NMB 618,422
WH7DX 177,093

28 MHz

9A3DZH 2,550

14 MHz

F4GTD 129,766

LOW POWER ALL BAND

*IZ8VMV 664,332
*CX4AT 514,960
*IZ3XNJ 470,586
*UR6LEY 468,696
*EA7JW 356,895
*KK4HEG 354,295
*IZ3XEF 276,888
*K5MXG 235,966
*ISØDCR 226,226
*AE7DW 198,000

28 MHz

*A61DJ 664,692
*CA5GRF 101,970
*SP9NWN 16,717
*MMØKFX 2,871

21 MHz

*YD2SM 65,262
*IW9FI 51,060
*DO9MJ 29,376

14 MHz

*IT9CLN 289,221
*PD8SL 33,390

7 MHz

*9A3BWW 244,776
*I4JEE 6,478
*YB2CPO 304

TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND

G2F (MØCKE) 2,904,960
GWØA 2,524,041
EU1AZ 2,434,740
OK2SFP 2,278,353
YL9T (YL2TW) 2,170,350
SV2BFN 2,106,156
WP4WW (KP4JRS) 2,080,598
YT2U 1,845,173
DL2SAX 1,836,495
EW4AA 1,806,840

28 MHz

WW4LL 1,049,937
DL2SAX 496,944
XE1EE 310,758
OH2BBT 229,537
JI3BFC 229,250
R11ALS (UA3RF) 203,728
IZ4GWE 65,659
HA5AWT 62,424
M3I 55,040
YO5CUQ 28,665

21 MHz

WK7S (K6LL) 1,581,935
WA5ZUP 1,260,567
UN4PG 914,480
KZ5A 622,422
UA6LJB 607,332
JO4CTB 230,285
NK6A 82,841
BA4MY 46,355
JA2HYD 42,340

14 MHz

N2WQ/VE3 (N2WQ/VE3) 1,753,890
RU5TT (RN3TE) 553,776
USØMS 414,028
JA9CWJ 160,200
IKØBZE 87,890
MØUNI 83,814
JH8SIT 55,896
ZM3T (W3SE) 32,857
PY2KJ 6,650

7 MHz

NO4S (K9OM) 2,077,756
S51CK 1,773,460
IV3SKB 1,162,448
IKØYVV 936,000
S57YX 498,686
KØPK 257,140
LX7X (LX3PR) 245,632
K8YE 72,558
K7EIQ 43,672
W9AKS 32,256

3.5 MHz

DD5FZ 328,724
IV3JCC 178,480
WA3FRP 80,868
ED5J (EA5DM) 15,750
JA9FAI 972

LOW POWER ALL BAND

*ZZ2T (PY2MNL) 2,856,296
*WB5TUF 2,254,500
*HA8BE 2,121,813
*OQ4B (ON4BHQ) 1,908,360
*UT5EPP 1,608,659
*UT7I (UT2IO) 1,541,808
*OM7KW 1,426,659
*GM1C (GM1BSG) 1,288,740
*F4GDI 1,163,684
*N2NF 1,146,080

28 MHz

*IZ8BRI 305,620
*IW4EGX 287,326
*PY4ZE 223,875
*AB1J 183,241
*VE7BC 122,496
*JM1NKT 100,926
*IKØPEA 81,000
*IZ7FLP 79,460
*I4UUL 73,457
*Z39A 70,517

21 MHz

*IW9FDD 791,040
*W1ZD/7 483,688
*YO4RDW 153,680
*K3NK 106,590
*DK1IP 104,904
*JF1PYJ 48,608
*JE2BOM 39,738
*KB9S 38,907
*PY4XX 20,008
*SM3DXC 16,482

14 MHz

*YT2AAA 424,710
*SMØLPO 205,275
*ED4T 97,272
*G8YTF (MØVAA) 91,680
*JI6BEN 22,320
*JK8PBO 20,928
*IY7M (IZ7XNB) 11,952
*W9CF/7 1,976

7 MHz

*OK2RU 910,188
*DL5KUD 641,592
*YU2A 536,300
*I3PXN 470,230
*DF1LX 450,512
*LY2BUU 412,896
*9A5B (9A6NRD) 387,898
*S54X 363,312
*UTØEL 269,808
*IV3IXN 241,332

3.5 MHz

*IK5AMB 626,516
*SQ2NNN 341,700
*YT2T (OU5A) 276,738
*HA5NB 173,712
*IT9JDH 44,908

UNITED STATES

SINGLE OPERATOR HIGH POWER ALL BAND

KI1G 7,701,728
AA3B 6,885,442
K4GMH 6,679,590
AB5K 5,757,507
W4PK 3,986,433
KS7AA (WK6I) 3,463,224
W3LL 3,446,100
ACØC 3,315,615
AI9T 3,152,016
ABØRX 3,134,799

28 MHz

AA5AU 1,396,395
WW4LL 1,049,937
W7ZR 869,400
N5MOA 344,500
K6HGF 310,686
K5QR 133,114
W6BVB 116,630
W6WRT 96,996
K9YC/6 93,456
KØJJ/7 60,417

21 MHz

WK7S (K6LL) 1,581,935
N7AT (K8IA) 1,437,988
WA5ZUP 1,260,567
AI6YL/7 (AI6YL/7) 1,226,500
W9ILY 1,011,129
N2MM 968,192
NC7J (W7CT) 833,310
KZ5A 622,422
N7BV 504,260
N7BT 409,374

14 MHz

KJ5T 598,525
KTØDX 480,048
W3RTY 222,324
W7PU 201,933
NN6NN (W6XK) 155,480
AI3Q 20,291

7 MHz

NO4S (K9OM) 2,077,756
KØPK 257,140
AB9H 216,834
AG2T 116,376
K8YE 72,558
K7EIQ 43,672
W9AKS 32,256

3.5 MHz

K4FJ 229,950
WA3FRP 80,868
N5RZ 74,166
NJ4F 60,762
N1SZ/3 24,252
W7PP 20,382
K4WW 2,112
W6GJB 1,610

LOW POWER ALL BAND

*KK9A/4 4,963,708
*WB5TUF 2,254,500
*AD7JP (K2PO) 1,958,360
*WW3S 1,768,332
*K9NR 1,728,825
*NTØF 1,419,668
*W3FIZ 1,369,669
*AD5XD 1,234,374
*AA8R 1,218,954
*N2NF 1,146,080

28 MHz

*N2WK 449,548
*WA1FCN/4 407,008
*NA5NN (W5UE) 183,274
*AB1J 183,241
*K2PS/4 145,800
*NY7N 104,918
*WNØL 77,909
*K2DSL 72,209

*K7GS....63,666
*WB9TFH....48,645

21 MHz

*K7TQ....557,568
*W1ZD/7....483,688
*W5NZ/4....108,402
*K3NK....106,590
*KC1UX....95,207
*WB3JFS/7....81,732
*KB9S....38,907
*N6BHX....10,695
*KA2RVO/1....10,425
*KFØIQ....9,499

14 MHz

*N8HP....22,781
*AI5AA....782
*AF6T (K6TD)....475

7 MHz

*KU5B....518,624
*KB4KBS....52,800
*KC8IMB....49,248
*W3NR/4....48,616
*K1GU/4....31,992
*NF8I/3....6,708
*WM9Q....3,168

3.5 MHz

*NX5M....34,650

QRP
ALL BAND

K2YG....545,941
N2QT/4....479,960
W6QU (W8QZA)....276,874
N5IJE....186,590
WD9FTZ/8....168,909
N7RN....49,912
KC7CM....37,290
KC8SQC....29,748
WB4OMM....28,386
AI9K....24,500

28 MHz

W9PDS....16,128
KB2HSH....6,552
K3TW/4....5,967
N4QX....341

21 MHz

K5ND....130,746

14 MHz

WB4MSG....132,775
NJ3I....56,021
W9CF/7....1,976

7 MHz

N6MA/7....89,100
WA4VMC....79,508
WFØT....3,724

MULTI-OPERATOR
SINGLE TRANSMITTER HIGH POWER

K3MJW....3,097,724
NAØCW....3,096,733
WX4G....2,336,488
AA4YL....2,319,525
W2YC....1,645,650
N2BJ/9....1,509,650
AK9D/Ø....538,615
KE1B/6....443,729
K3OQ....243,880
W4SAI/4....214,887

MULTI-OPERATOR
SINGLE TRANSMITTER LOW POWER

WE5DX....520,257
KT4RR....479,171
WØFRC....290,832
AA9L....218,370
K4FT....53,382

MULTI-OPERATOR
TWO TRANSMITTER

NØNI....6,760,203
K9XD....6,040,412
WQ2N....4,389,024
W4ML....2,295,746
WB8SKP/4....600,480
KN5S....227,970

MULTI-OPERATOR
MULTI-TRANSMITTER

NR4M....15,394,176
K4VV....5,334,410

ROOKIE
HIGH POWER ALL BAND

KK4EIR....898,800

LOW POWER ALL BAND

*KK4HEG....354,295
*K5MXG....235,966
*AE7DW....198,000
*W4TTM....134,816
*W4SDJ....129,626
*AB3TM....58,344
*AK4QR....35,821
*KD8SNZ....34,126
*KD2DOE....19,270
*KG7DYX....10,676

TRIBANDER/SINGLE ELEMENT
HIGH POWER
ALL BAND

NU4Y....1,506,925
AC4CA/5....1,493,300
NX5O....1,469,736
KA2D....1,355,550
N3QE....1,284,960
K3MD....1,249,879
W4CU....1,182,896
KV7DX (AA7V)....1,155,827
KØALT....1,073,111
NR2C....1,072,683

28 MHz

WW4LL....1,049,937

21 MHz

WK7S (K6LL)....1,581,935
WA5ZUP....1,260,567
KZ5A....622,422
NK6A....82,841

7 MHz

NO4S (K9OM)....2,077,756
KØPK....257,140
K8YE....72,558
K7EIQ....43,672
W9AKS....32,256

3.5 MHz

WA3FRP....80,868

LOW POWER
ALL BAND

*WB5TUF....2,254,500
*N2NF....1,146,080
*WW1MM (N1EN)....1,077,392
*AB4SF....985,938
*WV1K (N1IXF)....779,064
*NY6DX/2....689,510
*KB3LIX....685,875
*K6GHA....606,651
*KM6Z....602,509
*W1CCE....586,606

28 MHz

*AB1J....183,241
*K7GS....63,666
*WB9TFH....48,645
*WE6EZ/5....13,845
*W6TK....3,680

21 MHz

*W1ZD/7....483,688
*K3NK....106,590
*KB9S....38,907
*N6BHX....10,695
*N7UR....2,856

14 MHz

*W9CF/7....1,976

7 MHz

*W3NR/4....48,616
*NF8I/3....6,708
*WM9Q....3,168

EUROPE

SINGLE OPERATOR
HIGH POWER
ALL BAND

LZ8E (LZ2BE)....6,752,395
OM5ZW....5,841,099
UW1M....5,336,302
SN7Q....5,199,898
OH4A (OH1NOA)....5,129,920
OGØZ (OH9MM)....4,636,825
EMØI (UT2IZ)....4,087,215
EM2G....4,008,000
OM7JG....3,562,570
SZ1A (SV1CIB)....3,093,558

28 MHz

TM6M (F4DXW)....2,105,880
IT9RGY....1,651,888
9A5Y (9A3NM)....1,361,483
YT9A....1,184,720
EA7ZY....1,105,091
EA1KY....1,058,253
R22ALS (R7LV)....906,378
DM1A (DL1IAO)....798,126
DL3BQA....679,800
S51MA....587,388

21 MHz

LY8O....1,873,080
S5ØA....1,785,595
3Z5N (SP5GRM)....1,511,169
IW3RUA/IT9 (IW3RUA)....1,291,797
UT7E (UV5EOZ)....1,016,472
OI7AX (OH7UE)....798,369
EC1DBO....712,874
UA6LJB....607,332
UC7A....550,395
SP3PJY (SQ3BME)....448,644

14 MHz

OK6W (OK1MU)....1,841,246
SO4M....1,623,327
IW1QN....1,393,953
OH7WW (OH3LQK)....908,890
YO9HP....793,016
IW1PNJ....722,060
IQØAP....704,608
YP5A (YO5CBX)....670,980
IZ7ECL....623,337
EE5C (EA5EJ)....581,392

7 MHz

DR1D (DL1NX)....3,609,472
S52X....3,215,926
IW1AYD....2,827,576
HA8JV....2,720,272
S51CK....1,773,460
9A5D (9A3ID)....1,771,000
OH6R (OH3FM)....1,386,996
LY2FN....1,313,536
IV3SKB....1,162,448
UR6EA....1,038,552

3.5 MHz

OL9A (OK2ZAW)....1,246,968
DM7C (DL8CX)....1,024,056
YU3AAA....1,014,528
UX5IO....793,328
E7ØA....761,852
SO9ORQ....618,096
SP8K....505,076
LY2NY....477,680
DL7URH....399,434
DD5FZ....328,724

LOW POWER
ALL BAND

*EA7/UT5UDX (UT5UDX)....3,349,320
*HA8BE....2,121,813
*S56A....1,991,748
*OO4B (ON4BHQ)....1,908,360
*UT8EL....1,827,124
*MØA (G8APB)....1,823,394
*UC6A....1,760,598
*LZ5XQ....1,733,256
*ES5RY....1,689,160
*UT5EPP....1,608,659

28 MHz

*EE7Y (EA7ISH)....1,582,380
*IØUZF....570,843
*HGØR (HAØNAR)....332,618
*UZ7HO....311,040
*IZ8BRI....305,620
*EC7AKV....303,408
*IW4EGX....287,326
*UU9JQ....199,984
*LZ2JA....141,887
*EA5HJO....112,761

21 MHz

*IW9FDD....791,040
*EC7ZK....693,462
*CT2IOV....447,848
*GA5M (GM4ZNC)....344,124
*SV1BJW....261,960
*OH7MN....256,587
*IZ0UME....248,530
*IW2HUS....245,364
*RT4S....218,592
*MØOSH....208,800

14 MHz

*IZ8EFD....776,938
*URØHQ....653,232
*RZ1ZZ....635,725
*YU8NU....559,986
*YT2AAA....424,710
*LB2TG....365,748
*SX2V (SV2GJV)....307,830
*EA5FDM....291,560
*IZ0FWD....290,745
*IT9CLN....289,221

7 MHz

*HG5D....1,122,082
*OK2RU....910,188
*HA8BT....772,548
*IKØRCY....703,136
*USØHZ....655,802
*DL5KUD....641,592
*G8HBA....631,780
*YU2A....536,300
*EW8OF....513,922
*LZ9R....508,690

3.5 MHz

*IK5AMB....626,516
*YT5CT....620,308
*HA1WD....604,788
*SQ2NNN....341,700
*OK2SAR....336,960
*YT2T (OU5A)....276,738
*OM3RWB (OM3ZCK)....208,638
*MØNKR....194,166
*UT5KO....193,428
*G4FJK....158,688

QRP
ALL BAND

TM3T (F5VBT)....1,483,900
F5BEG....1,088,666
RX1CQ....858,032
UT3N (UT3NK)....756,071
OM6RK....551,784
HG6C (HA6IAM)....460,224
EA1SI....325,185
MØVAA....316,660
YO4BEW....316,416
EA1GT....288,500

28 MHz

IZ2JPN....73,647
IK4UXA....68,391
IZ3NVR....47,109
9A6K (9A3QB)....560

21 MHz

HG3IPA (HA3JB)....174,048
CT1BXE....166,254
SP4LVK....56,032
RA3XEV....12,351
9A4WT....510
DN7DX....270

14 MHz

UX5UU....144,055
G8YTF (MØVAA)....91,680
9A4AA....71,340
EA1GFY....30,600
HG3M....26,070
DL8LR....8,442
SV1DJG....128

7 MHz

S51DX....287,448
UR3AHF....231,880
SP4BPH....122,748
UU4JCR....117,440
DJ3GE....111,600
UX9O (UR9OQ)....46,512
RQ22RP (RT5R)....42,940
UT3XA....30,340
UX7UW....10,904
IZ2QKG....9,898

3.5 MHz

HA5NB....173,712
ON9CC....35,126
LY5D (LY3BY)....34,532

MULTI-OPERATOR
SINGLE TRANSMITTER HIGH POWER

ED1R....7,912,293
UA5A....7,532,070
HG7T....6,283,025
IW9GTD....6,244,102
S55W....5,874,678
IZ6TSA....5,079,008
DJ8OG....4,805,172
Z37M....4,788,115
UW5Y....4,632,198
OF4ØR....4,161,760

MULTI-OPERATOR
SINGLE TRANSMITTER LOW POWER

ON4WLR....1,299,879
ES1O....1,044,884
IQØTE....169,388
YO4KAK....30,070

MULTI-OPERATOR
TWO TRANSMITTER

LX7I....12,295,782
S51A....10,864,828
DQ4W....9,232,425
YL4U....7,300,847
RK4W....5,838,408
LN5O....4,147,535
EA1AP....823,125

MULTI-OPERATOR
MULTI-TRANSMITTER

9A1A....20,731,977
HG1S....13,377,538
DKØKC....7,925,120
OH5CY....3,777,808

ROOKIE HIGH POWER
28 MHz

9A3DZH....2,550

14 MHz

F4GTD....129,766

LOW POWER
ALL BAND

*IZ8VMV....664,332
*IZ3XNJ....470,586
*UR6LEY....468,696
*EA7JW....356,895
*IZ3XEF....276,888
*ISØDCR....226,226
*UTØFC....158,200
*DK6SP....113,643
*OO7R (ON6OM)....95,700
*OH7EBA....78,000

28 MHz

*SP9NWN....16,717
*MMØKFX....2,871

21 MHz

*IW9FI....51,060
*DO9MJ....29,376

14 MHz

*IT9CLN....289,221
*PD8SL....33,390

7 MHz

*9A3BWW....244,776
*I4JEE....6,478

TRIBANDER/SINGLE ELEMENT
HIGH POWER
ALL BAND

G2F (MØCKE)....2,904,960
GWØA....2,524,041
EU1AZ....2,434,740
OK2SFP....2,278,353
YL9T (YL2TW)....2,170,350
SV2BFN....2,106,156
YT2U....1,845,173
IZ3SQW....1,836,495
EW4AA....1,806,840
EV1R....1,691,916

28 MHz

DL2SAX....496,944
OH2BBT....229,537
R11ALS (UA3RF)....203,728
IZ4GWE....65,659
HA5AWT....62,424
M3I....55,040
YO5CUQ....28,665

21 MHz

UA6LJB....607,332

14 MHz

RU5TT (RN3TE)....553,776
USØMS....414,028
IKØBZE....87,890
MØUNI....83,814

7 MHz

S51CK....1,773,460
IV3SKB....1,162,448
IKØYVV....936,000
S57YX....498,686
LX7X (LX3PR)....245,632

3.5 MHz

DD5FZ....328,724
IV3JCC....178,480
ED5J (EA5DM)....15,750

LOW POWER
ALL BAND

*HA8BE....2,121,813
*OO4B (ON4BHQ)....1,908,360
*UT5EPP....1,608,659
*UT7I (UT2IO)....1,541,808
*OM7KW....1,426,659
*GM1C (GM1BSG)....1,288,740
*F4GDI....1,163,684
*GM8SBH....1,095,003
*EA1FA....1,089,878
*GUØSUP....985,560

28 MHz

*IZ8BRI....305,620
*IW4EGX....287,326
*IKØPEA....81,000
*IZ7FLP....79,460
*I4UUL....73,457
*Z39A....70,517
*OK8DD....54,558
*IZ3NVR....47,109
*DF4WC....36,668
*F6IRG....19,656

21 MHz

*IW9FDD....791,040
*YO4RDW....153,680
*DK1IP....104,904
*SM3DXC....16,482
*SV7CUD....10,602
*PAØMIR....8,456
*G3RLE....6,552
*IW2NRI....615

14 MHz

*YT2AAA....424,710
*SMØLPO....205,275
*ED4T....97,272
*G8YTF (MØVAA)....91,680
*IY7M (IZ7XNB)....11,952

7 MHz

*OK2RU....910,188
*DL5KUD....641,592
*YU2A....536,300
*I3PXN....470,230
*DF1LX....450,512
*LY2BUU....412,896
*9A5B (9A6NRD)....387,898
*S54X....363,312
*UTØEL....269,808
*IV3IXN....241,332

3.5 MHz

*IK5AMB....626,516
*SQ2NNN....341,700
*YT2T (OU5A)....276,738
*HA5NB....173,712
*IT9JDH....44,908

**Low Power*

Radio Club took second in the world to win the North America plaque, with more than twice the score of NA second-place Frankford Radio Club. With only 15 logs to PVRC's 49, the FRC had a 50% higher average score per log. It is often the case that participation—i.e., number of submitted logs—will win a club competition.

Closing

My first RTTY contest ever, nice new experience . . . ***.E77C***

Nice to take part in WPX RTTY for the 1st time . . . ***F4DSK***

I got my License on November 2013 and CQ WPX RTTY 2014 is my first contest . . . ***YD2SM***

Most contacts I've ever had in a contest! . . . ***W3ZKU***

I love this contest!! Wonderful propagation on high band. See you next year . . . ***IZ1MHY***

Great contest. Had a lot of fun with it. Can't wait until next year! . . . ***ND3R***

It was super fun and I am waiting for the next one . . . ***EA3FF***

The complete results score listing of all received logs is on the web at <http://www.cq-amateur-radio.com/cq_contest/>.

In addition, a searchable database of the results from every CQ WPX RTTY Contest is available at <http://www.cqwpxrtty.com/score_db.htm>.

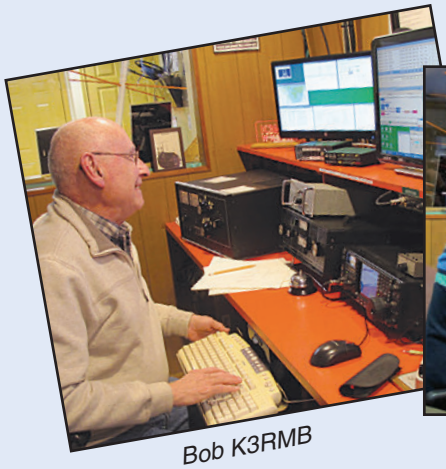
It is surprising that more participants do not request their Log Check Reports (LCRs) and use them for ideas to improve their operating accuracy. Typically, less than a dozen of the roughly 3,000 people who submit logs request their LCR after log checking is complete. This valuable information is readily obtainable by email from <w0yk@cqwpxrtty.com>. You can compare your log check statistics with the averages across all logs in this contest:

- 1.3% incorrect received call sign
- 1.9% incorrect serial number received
- 1.3% NIL (Not In Log)
- 4.5% total error rate (with penalties, score reduction is higher)

Achieving a zero error rate may mean that too much time is being spent on accuracy. Speed and accuracy are a trade-off for optimal communication.

A number volunteers work tirelessly in the background to bring contests to us and to compile the results. For this contest, Mark K6UFO helped to fix log-formatting problems prior to final log checking, including entering paper logs into the computer system. Ken K1EA and Randy K5ZD continue to improve and support the log-checking and website software. K5TR and N5KO quietly manage the IT infrastructure behind the log submittal robots, log storage, and log checking software. The WWROF (World Wide Radio Operators Foundation) provides financial support for the IT services required, among other support for contesting in general. All of us can help with our donations to WWROF, so please consider this way to give back to the radiosport. Gail, K2RED, Managing Editor of *CQ* magazine, does a wonderful job of assembling these contest articles. Barry W5GN performs the huge task of getting certificates out. Ray ND8L manages the plaque program, which is another opportunity for us to give back by becoming a plaque donor. He replaces Mike K4GMH, who expertly handled plaques for both CQ RTTY and WPX RTTY contests for nearly a decade. You can choose an unsponsored plaque in any category. Please contact ND8L for details. The plaques winners for the 2014 contest will be on the both the CQ website and the CQ WPX RTTY website (http://www.cqwpxrtty.com).

The 21st CQ WPX RTTY Contest will be held on 7–8 February 2015. We hope to see everyone again, including new participants! See you then! 73, Ed, WØYK



Bob K3RMB

Jim K3FH

John NK3P

John WA3KFS

John K3STL prepares another great feast for the K3MJW MS crew.

The Multi-SingleTeam K3MJW (K3RWN, NK3P, WC3O, K3STL, KB3EYY, WA3KFS, K3FH, K3RMB) won North America.