

Results of the 2013 CQ WPX RTTY Contest

BY ED MUNS,* WØYK

Beginning with this contest report, the complete score listings for all CQ contests are being published online only. To view the full score listing, visit the CQ Home Page at <<http://www.cq-amateur-radio.com>> and click on the link under "Current Issue Highlights."
—W2VU

WPX RTTY is always fun! . . . KØGEO

Good propagation provided lot of fun for the 11,534 participants in the 19th annual CQ WPX RTTY Contest. Whether your interest was making some RTTY QSOs or going all out to see how many contacts, countries, and prefixes you could work, the weekend held lots of possibilities for all.

The popularity of RTTY contesting demands more and more of the amateur spectrum with stations packed in as tightly as in CW and SSB. Accordingly, more attention is focused on transmitted bandwidth and the attendant QRM to neighbors, similar to key clicks on CW or splatter on SSB. Some radio manufacturers are enhancing their transmitters with narrower transmit filtering to address this rising issue.

Active call signs rose 13%, yielding a few more total QSOs than last year. A few more countries were represented at 188. Multi-Multi 9A1A surpassed their 2012 world record of 1168 prefixes by logging 1210 this year out of the active 2124 prefixes.

Conditions and activity shifted down slightly from the high bands, but there was a good balance across all five bands:

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

High rates were experienced on the three high bands during the day and 40m was excellent at night. Single operators had some interesting strategic choices about where to invest their 30-hour time limit. The double QSO points for 40m and 80m are also critical to consider, as is the value of the high bands in picking up more prefix multipliers. One of the great things about the CQ WPX contests is the constant flow of new multipliers right through the end of the contest.

The Single-Op QRP categories continued at about the same level in their third year of existence. Activity in the Rookie and Tribander-Wires overlay categories remained about the same at 68 and 465 logs, respectively. Thanks to Rudy N2WQ for sponsoring the first TB-Wires plaque.

The overall quality of RTTY operating and contesting skills continues to improve. There were 43 new World and Continent records set this year, many in the "younger" QRP categories. This is tribute to stations on both sides of the QSO as operating efficiency increases.

	World		Continent	
	New	Avail	New	Avail
SO10	1	3	5	18
SO15	2	3	8	18

	World		Continent	
	New	Avail	New	Avail
SO20	—	3	3	18
SO40	2	3	7	18
SO80	1	3	1	18
SOAB	2	3	9	18
MS	—	1	1	6
M2	—	1		6
MM	—	1	2	6
Total	8	21	35	126

Single-Operator (2949 entries)

There are plenty of Single-Operator categories to satisfy a wide range of interests and station capability. Here are the numbers of logs submitted in the categories:

	80	40	20	15	10	SB	AB	SO
QRP	8	13	9	22	5	47	67	114
LP	31	95	119	135	57	437	1349	1786
HP	31	63	56	75	28	253	796	1049
Total	70	171	184	222	90	737	2212	2949

All Band (2212)

All Band High Power was won by P49X after the embarrassment of mistakenly remembering the minimum time-off as 30 minutes. After taking two breaks for equipment problems, he started up much sooner than the required 60-minute minimum off-time. Accordingly, 162 QSOs and 16 multipliers were removed from his score since they were past the 30-hour maximum single-op time period. *Moral:* Re-read the rules carefully as a refresher no matter how experienced you are. In fact, experience may work against you since rules like this vary among contests and it is easy to mix them up.

Roman UW2M (URØMC) set a new European record for second place in SOABHP. CQ WW RTTY SOABHP world-record holder Alexandr UA5C took third place, while Bud AA3B won North America



ED1R took first place in Multi-Single Europe: (left to right) EA4SV, EC4DX, EA1AR, EA2CJ, EA2CYJ, EC1KR, EA4AOC.

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2013 CQ WPX RTTY CONTEST TROPHY SPONSORS AND WINNERS

Single Operator All Bands High Power

World: Sponsored by Glenn Vinson, W6OTC. **Winner: P49X (op: Ed Muns, W0YK)**

Asia: Sponsored by Vladimir Gleizer, UN7ZL. **Winner: Yuri Kurinyi, RG9A**

Europe: Sponsored by DL-DX RTTY Contest Group. **Winner: UW2M (op: Roman Tkachenko, UR0MC)**

Canada: Sponsored by Steve Frick, N6QEK/VY1. **Winner: Rudy Bakalov, N2WQ**

USA 7th Call Area: Sponsored by Hank Lonberg, KR7X (in memory of Bob Wruble, W7GG). **Winner: KS7AA (op: Jeff Stai, WK6I)**

Single Operator All Bands Low Power

World: Sponsored by Mike Sims, K4GMH. **Winner: Fabi Bertolotto, VA2UP**

Asia: Sponsored by Doug Faunt, N6TQS. **Winner: UP6P (op: Yuri Loparev, UN6P)**

Europe: Sponsored by Trey Garlough, N5KO. **Winner: EO3Q (op: Ruslan Chernyavcskye, UR3QCW)**

North America: Sponsored by Wayne King, N2WK. **Winner: John Bayne, KK9A**

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

USA: Sponsored by Jim Reisert, AD1C. **Winner: WE4M (op: Mark Sihlanick, N2QT)**

CONO SUR (CE-CX-LU): Sponsored by LU-CG Contest Group. **Winner: Sebastian Torti, LU7FTS**

TB-Wires, Canada/Mexico/48 USA States: Sponsored by Rudy Bakalov, N2WQ. **Winner: AK4K (op. Tom Schaeffer, W4CU)**

Single Operator Single Band

3.5 MHz World High Power: Sponsored by Sue Cook, AI6YL/P40YL. **Winner: Tine Brajnik, S50A**

7 MHz World High Power: Sponsored by Randy Hatt, AA8R. **Winner: YT8A (op. Dusan Ceha, YU1EA)**

7 MHz World Low Power: Sponsored by Don Reed, K2OGD. **Winner: Andrei Kopanchuk, UZ7HO**

7 MHz North America Low Power: Sponsored by Mike Jacoby, N3MA. **Winner: Juan Carlos Molina, CO2JD**

14 MHz World High Power: Sponsored by Steve "Sid" Caesar, NH7C. **Winner: Victor Yarovoy, UW1M**

14 MHz World Low Power: Sponsored by Kenny Young, AB4GG. **Winner: 5C5W (op. Mohamed Kharbouche, CN8KD)**

21 MHz World High Power: Sponsored by Steve Jarrett, K4FJ. **Winner: TM6M (op. Stephane Van Langenhoven, F4DXW)**

28 MHz World High Power: Sponsored by Steve Hodgson, ZC4LI. **Winner: Carlos Neves, CT3FQ**

28 MHz North America Low Power: Wray Dudley, AB4SF. **Winner: EE8E (op. Pekka Kolehmainen, EA8AH)**

Multi-Op Single Transmitter

World: Sponsored by Steve Merchant, K6AW. **Winner: ED1R (ops: EA1AR, EC1KR, EA2CJ, EA2CYJ, EA4SV, EA4AOC, EC4OX)**

North America: Sponsored by KK7OO – Rolling Ranch Contest Club. **Winner: WI0WA (ops: N0AC, N0MGK, N0NI, N0XR, WI0H @N0NI)**

USA: Sponsored by NR4M Goat Farm Contest Team. **Winner: K1SFA (ops: K1MK, K1SFA @K1TTT)**

Africa: Sponsored by CR3A/CQ9K Madeira Contest Team. **Winner: 5X8C (ops: F8BJI, F5EOT, F5NHJ, DL1YFF)**

Multi-Op Two Transmitter

World: Sponsored by Roger Hoffman, N4RR. **Winner: LX7I (ops: LX2A, DL8DR, DL6ZBN, DF8XC, DL2YCA, DK1QH, DL6SFR, DC2VE, DF7ZS)**

North America: Sponsored by Ed Muns, W0YK. **Winner: NP2/N5RZ (ops: N5RZ, K5RZA, WP2XX)**

USA: Sponsored by CTRI Contest Group. **Winner: K9CT (ops: AI9T, K9CT, K9WX, K9ZO, N7MB)**

Multi-Op Multi-Transmitter

World: Sponsored by Fred Dennin, WW4LL. **Winner: 9A1A (ops: 9A2DQ, 9A5E, 9A5W, 9A6A, 9A7IMR, 9A7R, 9A9A)**

North America: Sponsored by Steve Bookout, NR4M. **Winner: NR4M (ops: NR4M, K7SV, K4EU, K4EC, N3ZV, K4GM, N4JOW, N4NW)**

Canada: Sponsored by KA4RRU Contest Group. **Winner: VE7UF (ops: VE7FO, VE7IO, VA7HDJ, UW0CN, VA7FC, VE7NDE, VE7UF)**

Club Competition

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

North America: Northern California Contest Club. **Winner: Potomac Valley Radio Club**

for fourth place. North America record-holder Mike K4GMH was fifth and Yuri RG9A won Asia for sixth place. Nestor EA8CNB won Africa, while ZL1G won Oceania.

In All Band Low Power, Fabi VA2UP set a new North America record to take first place. John KK9A finished first in USA for second place overall. Sue P40YL (AI6YL) was third as the South America winner. Mark WE4M (N2QT) took fourth and Ruslan EO3Q (UR3QCW) was fifth with the European win. Yuri UP6P (UN6P) won Asia and Max KH6ZM set a new Oceania record.

100% pure QRP fun! First log ever submitted in my ham life . . . IK2CAW

All Band QRP has a new world record set by Ymanol YW2LV (YV5YMA) and second place Rudolf TM3T (F5VBT), the previous winner and world record holder, set a new Europe record. Not far behind was Ludek OK3C (OK2ZC) in third. Julius N2WN won North America, Jose EA9CD set a new Africa record, Nobu JH7UJU set a new Asia record, and Ahmed YB8EXL set a new Oceania record.

Single Band (737)

On 10m High Power, five of the first six places were on different continents, substantiating the effectiveness of this band when it is open. Carlos CT3FQ won Africa for first place; Joel KG6DX won Oceania for second place; Sulaiman 7Z1SJ won Asia for third; and Luis XE2B won North America for fourth. Oleg RK8I was fifth and Massimo IZ4DPV won Europe for sixth. Uncharacteristically, there were no South America entries this year.

Ten-meter Low Power was ironically more competitive than High Power, with Pekka EE8E (EA8AH) setting a new world record ... on both Low and High Power! Waldir PY2WC was second with a new South America record and Vyacheslav RA9RR was fifth with a new Asia record. Derek J35X won North America and Jose CT1AOZ took sixth place with a new Europe record.

Ten-meters QRP was won by Jose CO6EC for a new North America record and Francesco 1U2ZF won Europe for second place.

Stephane TM6M (F4DXW) won 15m High Power with a new Europe record and Grecam PT2CM (PT2FE) won South America for second. Bob N7AT (K8IA) won North America and Steve ZC4L set a new Asia record. Jose CT3DZ won Africa and Karsono YB0NDT set a new Oceania record.

As with 10m Low Power, 15m LP has a new world record set by Dunia EA8MT and Fernando PU1MKZ won South America. Third place Oscar EA1DR set a new Europe record, Dimitri 4Z5CP won Asia, Kermit AB1J won North America, and Andi YB8HI won Oceania.

Fifteen-meters QRP has a new world record set by Stefano IZ3NVR. Isamu JE1CAC won Asia, Warren KF0GX set a new North America record, and Tenny YD1MKQ set a new Oceania record.



The northeast USA members of NP3U escaped the snow once again to join their Puerto Rico friends for another Multi-Two (left to right: K3IU, W1AN, WP4U). In the additional photos are KP4JRS (top right) and K1SD (bottom right). Missing from these photos are N1HRA, K1DM, KB1LCCQ, and WP4N.

2013 CQ WW WPX RTTY TOP UNITED STATES SCORES

UNITED STATES SINGLE OPERATOR HIGH POWER ALL BAND			
AA3B	7,354,935		
K4GMH	7,120,058		
KM1W (W1UE)	5,439,554		
KSTAA (WK6I)	4,776,828		
W4PK	4,650,554		
W3FV	4,377,267		
AB0RX	3,754,120		
KE9I	3,382,093		
N8BJQ	2,979,405		
K3WI	2,909,541		
28 MHz			
AA8R	65,570		
NS0M	2,080		
KD4JWP	1,512		
21 MHz			
N7AT (K8IA)	1,502,475		
KZ7X (W7WW)	917,580		
WK7S (K6LL)	699,885		
N6ML	557,667		
NG6S (W4UAT)	474,640		
KS0AA	167,968		
N7US9	154,890		
ND2T6	44,426		
N8AGU	24,464		
N0SMX	24,156		
14 MHz			
WA5ZUP	1,575,123		
AA5AU	1,170,180		
NCT7J (W7CT)	1,120,096		
W6WRT	632,636		
NU4Y	394,917		
WA8RPK	54,964		
KA8RRU	53,865		
WV6I (N6WM)	37,797		
W1PL	14,924		
KG6YHH	12,136		
7 MHz			
WT40 (K9OM)	2,991,120		
N2MM	1,307,028		
N6MA7	885,632		
W7RY	840,576		
W1AJT/4	388,354		
KGND/1	365,472		
W1TY/2	305,976		
KD4JWP	291,278		
3.5 MHz			
K4FJ	324,500		
WB4VDL	320,112		
K4WW	69,168		
WA3FRP	54,502		
W4TTY	1,716		
LOW POWER ALL BAND			
*K9A/4	5,096,294		
*WE4M (N2QT)	4,056,360		
*K9NR	2,138,608		
*AD7UP (K2PO)	2,117,636		
*NT0F	1,564,612		
*WW3S	1,336,125		
*K8AJS	1,256,600		
*WF2B (K2ONP)	985,416		
*WA7LNW	915,300		
*AD5XD	907,600		
28 MHz			
*K9WZB/7	103,834		
*W9ILY	74,415		
*NA4W (K4WI)	55,554		
*N2WK	46,465		
*N3CZ/4	297		
*K7ULS	3		
*N5EEO/4	1		
21 MHz			
*AB1J	235,824		
*K6GHA	221,440		
*AC8JW	50,784		
*N8LJ	46,816		
*WB3JFS/7	39,390		
*KDSJHE	23,364		
*K7HBN	19,260		
*NF8M	2,844		
*N3AO/4	2,088		
*KF0IQ	940		
14 MHz			
*W1ZD/7	325,600		
*W3RXY	113,307		
*N7DB	83,888		
*K5NZ	50,468		
*AD4SB	34,348		
*KA9JAC	25,056		
*K3NC/4	8,960		
*AE7SM	6,370		
7 MHz			
*N6XI	1,250		
*N6DZR	119		
3.5 MHz			
*AB0YM	61,992		
*NK5G	39,162		
*NY7N	34,200		
*N9TF	23,814		
*WZ2L	6,528		
*KC8IMB	25,872		
*K3IT	20		
QRP ALL BAND			
N2WN/4	600,264		
K2YG	580,780		
NW2K	358,245		
W8OZA/6	248,400		
N4CW	220,720		
N5JE	194,920		
N4UA	189,660		
WD9FTZ/8	106,023		
NT0Z	14,976		
KG4IGC	14,784		
28 MHz			
K03T	2,880		
KB2HSH	1,682		
21 MHz			
KF0GX	16,198		
K6VHF	15,960		
K3TW/4	5,616		
14 MHz			
W9CF/7	2,904		
7 MHz			
NX3U (N4BA)	248,600		
MULTI-OPERATOR SINGLE TRANSMITTER			
W0WA	7,237,458		
K1SFA	7,176,312		
WW4LL	6,927,325		
NV9L	5,592,000		
KF0UR	4,789,088		
WX3SKY	3,139,344		
KQ7W	2,937,020		
MULTI-OPERATOR TWO TRANSMITTER			
K9CT	11,850,025		
K9XD	5,678,400		
WQ2N	3,810,963		
W4MYA	2,839,668		
NJ3I	2,022,900		
WB8SKP/4	526,618		
N4WW	394,670		
W06X	274,512		
W8BI	185,546		
MULTI-OPERATOR MULTI-TRANSMITTER			
NR4M	14,318,704		
ROOKIE HIGH POWER ALL BAND			
KK4EIR	778,914		
N0STL	41,292		
W5UNT (KF5S0Q)	10,106		
LOW POWER ALL BAND			
*WW1MM (N1EN)	303,303		
*W4TTM	228,459		
*N7TEW	168,402		
*K9HXO/8	112,896		
*NR2C	109,956		
*K5JUM	62,377		
*K2WUF	29,754		
*K8CR	27,342		
*KD8SNZ	26,410		
*W29Z	26,220		
14 MHz			
*AD4SB	34,348		
TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND			
AK4K (W4CU)	2,226,879		
WA2ETU	2,122,078		
K4FX	1,993,411		
W6AEA/7	1,575,881		
K3MD	1,355,026		
NO2T	1,351,404		
NB3R	1,285,470		
W2YE/4	1,265,710		
28 MHz			
W8UL	1,265,025		
W1BYH	1,152,825		
21 MHz			
AA8R	65,570		
KZ7X (W7WW)	917,580		
WK7S (K6LL)	699,885		
N7US/9	154,880		
N8AGU	24,464		
14 MHz			
NU4Y	384,917		
WA8RPK	54,964		
7 MHz			
WT40 (K9OM)	2,991,120		
W1AJT/4	388,354		
KE0L	246,100		
LOW POWER ALL BAND			
*WA7LNW	915,300		
*WB5TUF	845,468		
*WB2RHM/4	819,927		
*KB3LIX	695,921		
*AB4SF	618,103		
*N2WN/4	600,264		
*N00J	565,095		
*KA2D	499,120		
*KC0DEB	470,940		
*NSKWN	470,900		
28 MHz			
*K03T	2,880		
*N5EEO/4	1		
21 MHz			
*AB1J	235,824		
14 MHz			
*W1ZD/7	325,600		
*N7DB	83,888		
*KA9JAC	25,056		
*W9CF/7	2,904		
7 MHz			
*N9TF	23,814		
3.5 MHz			
*K3IT	20		

*Low Power



Zack KC8IMB took on 80m Low Power, despite Europe's dominance in this contest, and had a great time!

NA5NN (K2FF) won North America, and Victor UN7EW won Asia.

Luigino IK3SSJ set a new 80m QRP world record and the remaining seven entries were also from Europe.

Multi-Operator (111)

Multi-Single is the most popular multi-operator category as it is in many other contests (category followed by number of entries): **MS 80, M2 24; MM 7.**

The seven-man team at ED1R led the world and the nine-man team at IQ1RY was not far behind in second place. With this much operator depth, the active operator can be fresh and running at top efficiency. In the US, the wife-husband team (K1SFA and K1MK) at the K1TTT super-station had an amazingly low error rate but didn't quite catch the five-man WI0WA team at N0NI's station. Both stations broke the prior North America MS record.

In Multi-Two, the very active contest station LX7I achieved the third highest all-time score with its seven operators to win first place

2013 CQ WW WPX RTTY TOP EUROPE SCORES

<p>SINGLE OPERATOR HIGH POWER ALL BAND</p> <p>UW2M (UR0MC).....8,227,247 UA5C.....7,535,736 EA5RS (UT5UDX).....6,568,620 DM1A (DL1IAO).....6,041,360 SN7Q (SP7GIQ).....5,500,044 OG8X (OH6JM).....4,926,909 EM01 (UT2IZ).....4,891,278 OM5ZW.....4,718,300 OL8M.....4,685,250 HA8JV.....4,037,440</p> <p>28 MHz</p> <p>IZ4DPV.....140,610 E011 (UT1IA).....139,860 EA1KY.....126,474 DF92P.....95,004 EA7ZY.....73,568 LZ2HM.....49,545 M31 (G0ORH).....47,368 OF50AD (OH6FSG).....23,618 9A2CD.....23,085 SP1MGM.....13,588</p> <p>21 MHz</p> <p>TM6M (F4DXW).....2,636,088 9A5Y (9A3LG).....1,789,728 Z35N (SP6GRM).....1,776,828 R7LV.....1,590,600 YT2T.....1,423,968 9A6NA.....1,408,704 UX0FF.....1,287,972 9A5MT.....1,276,416 UX5IO.....1,164,471 F4ERS.....1,132,914</p> <p>14 MHz</p> <p>UPW1M.....3,090,216 SP4MPG.....2,291,904 IZ6TSA.....1,943,328 RT3P (UA3PAB).....1,642,800 YL2UI.....1,524,186 DL3BQA.....1,440,633 EI7KJ.....1,345,344 ES4RD.....1,297,338 MOVA.....940,722 RU5TT (RN3TE).....815,244</p> <p>7 MHz</p> <p>YT8A (YU1EA).....5,642,870 S53M (S51FB).....3,521,836 EE1Z (EB1LA).....2,718,460 IW1PNJ.....2,028,952 OH6R (OH3FM).....1,917,952 9A2UZ.....1,870,080 IK3TMM.....1,861,708 OV2SFP.....1,785,560 RY3D.....1,778,856 IV3YER.....1,633,464</p> <p>3.5 MHz</p> <p>S50A.....2,344,650 OL9A (OK2ZAW).....2,097,048 DM7C (DL8CX).....1,920,000 LY2FN.....1,351,920 HA3LI.....1,220,436 Z38T (S08X).....1,005,840 M7T (G3YD).....649,992 HA50V.....539,994 EW80Z.....407,266 UT4EK.....246,696</p> <p>LOW POWER ALL BAND</p> <p>*EO3Q (UR3QCW).....4,001,140</p>	<p>*DL4MCF.....3,272,302 *LY6A.....3,037,969 *DL9YAJ.....2,472,915 *G8APB.....2,220,660 *UT5EPP.....1,907,074 *R7MM.....1,864,080 *S56A.....1,842,942 *GM1C (GM1BSG).....1,746,435 *ER5LL.....1,709,370</p> <p>28 MHz</p> <p>*CT1AOZ.....193,492 *R3AA.....132,405 *EA5FDM.....96,123 *R4FA.....75,841 *UT2IV.....33,245 *LY22F.....24,910 *EA4AGI.....24,510 *IK0PEA.....24,012 *IK0PRP.....16,632 *IK0EIE.....14,204</p> <p>21 MHz</p> <p>*EA1DR.....1,070,865 *HG5D (HA8OZ).....868,972 *UA3QJJ.....449,290 *DO4DXA.....420,134 *LZ2JA.....411,840 *F4GDI.....310,331 *HA5BSW.....303,996 *R5ACQ.....283,338 *SP2QOT.....267,840 *EA3NO.....228,864</p> <p>14 MHz</p> <p>*US0MS.....1,048,318 *RZ1ZZ.....783,522 *EC7ZK.....747,712 *LZ5XO.....635,040 *YU8NU.....592,450 *YU9JQ.....539,376 *DL1DTL.....525,712 *I28EFD.....398,454 *OK2PCL.....334,628 *IW9FDD.....322,095</p> <p>7 MHz</p> <p>*UZ7HO.....1,810,614 *YU2A.....1,725,630 *IW4EGX.....1,502,676 *EA7ISH.....1,382,648 *E79D.....1,339,338 *EA3E2D.....1,262,072 *OK2RU.....1,239,770 *SQ2NNN.....1,142,080 *YT5W (YT2PFR).....1,126,026 *E75C.....946,330</p> <p>3.5 MHz</p> <p>*HA8BE.....955,320 *SQ2RGB.....847,968 *SP6GCU.....681,414 *HA8BT.....663,986 *Y04RDW.....490,144 *Z32DN.....449,848 *IK2DZN.....408,954 *SM7MX (SM5MX).....331,936 *IK2VTJ.....267,216 *UX5UU.....235,320</p> <p>ORP ALL BAND</p> <p>TM3T (F5VBT).....1,493,586 OK3C (OK2ZC).....1,378,712 F5BEG.....980,265 IZ8JFL/1.....675,920</p>	<p>S53MJ.....658,903 DR2Q (DL8MBS).....537,280 HA7YS.....328,338 ON2AD.....234,000 E77TA.....223,944 IZ8IFL.....208,684</p> <p>28 MHz</p> <p>I0UZF.....10,150 Y08DDP.....4,662</p> <p>21 MHz</p> <p>IZ3NVR.....113,430 HG3IPA (HA3JB).....98,610 I2ZJPN.....89,612 SP4LVK.....55,552 S01D (SP1JQ).....23,229</p> <p>14 MHz</p> <p>IK2CAW.....143,980 I27DMT.....44,608 EA1GFY.....22,366 EA3HCJ.....9,240 PC4C.....1,400 I27SLF.....15 9A5BWW.....8</p> <p>7 MHz</p> <p>HG6C (HA6IAM).....495,000 E73TTT.....307,318 UU4JIM.....230,256 CT2GMH.....204,408 E73RZ.....197,980 9A9L.....167,544 SP4BPH.....101,032 DJ3GE.....99,660 I22QKG.....26,896 D0DVS.....9,900</p> <p>3.5 MHz</p> <p>IK3SSJ.....481,440 UT3N (UT3NK).....324,848 HA1WD.....272,118 SP6EYI.....177,408 UT5DJ.....123,984 D01LD.....14,756 DM9K (D04DXA).....896 DL7CX.....132</p>	<p>MULTI-OPERATOR MULTI-TRANSMITTER</p> <p>9A1A.....24,268,970 DM5EL.....10,108,504 LN5O.....4,954,944 OH2K.....3,561,720 S50XX.....285,696</p> <p>ROOKIE HIGH POWER ALL BAND</p> <p>OK3KW.....1,167,964 IW9FI.....9,360</p> <p>7 MHz</p> <p>I22ODM.....1,404 SQ3PMI.....4</p> <p>LOW POWER ALL BAND</p> <p>*IZ8VMV.....461,593 *UR5ZIW.....435,712 *SMIT.....418,794 *EF5B (EA5HRT).....360,297 *UR6LEY.....205,156 *YU1RP.....177,023 *IW1FZR.....111,981 *PD1ALW.....87,330 *CUSAQ.....86,086 *IT9BDR.....78,960</p> <p>21 MHz</p> <p>*M0OSH.....187,066 *IZ0ME.....183,000 *IT9CLN.....99,003 *14JEE.....15,631</p> <p>14 MHz</p> <p>*RN3DNG.....22,041 *PD0JMH.....17,765 *PDRSL.....17,472 *HA1NR.....72 *IZ7SLF.....15</p> <p>7 MHz</p> <p>*9A3BWW.....286,296 *SP3OL.....93,520 *DL6JF.....39,168 *IW1PPM.....15,600 *IZ7SIA.....952</p> <p>3.5 MHz</p> <p>*O21A00.....68,200</p> <p>TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND</p> <p>DM5TI.....2,958,500 YU1UN.....2,355,920 EU1AZ.....2,306,323 SV2BFN.....2,197,910 YLST (YL2TW).....2,165,900 DJ3NG.....2,022,884 EI2GLB.....1,992,278 UR0HQ.....1,857,848 YT2U.....1,813,564 GM8SB (GM0FGI).....1,732,325</p> <p>28 MHz</p> <p>UR5MBA.....11,340 ED5J (EA5DM).....5,593</p> <p>21 MHz</p> <p>UA3RF.....955,350 M7P (G6NHU).....691,812 UA6LJB.....494,864</p> <p>14 MHz</p> <p>DL3BQA.....1,440,633 MOVA.....940,722 RO1B.....398,310 IV3JCC.....297,528 EU1DX.....280,233</p> <p>7 MHz</p> <p>S57YX.....929,124 UW2F (UT0FT).....653,304</p> <p>3.5 MHz</p> <p>HA3LI.....1,220,436 DN2SAX (DL2SAX).....207,466</p> <p>LOW POWER ALL BAND</p> <p>*DL9YAJ.....2,472,915 *S56A.....1,842,942 *GM1C (GM1BSG).....1,746,435 *RN6MA.....1,500,198 *OK8DD.....1,393,061 *UR4U (UR4UDI).....1,379,007 *ON5GQ.....1,357,280 *IK4QJF.....1,345,675 *LZ2ZY.....1,242,216 *OK7V (OK1VRF).....1,164,882</p> <p>28 MHz</p> <p>*IK0PEA.....24,012 *IK0PRP.....16,632 *HA6NN.....528</p> <p>21 MHz</p> <p>*F4GDI.....310,331 *HA5BSW.....303,996 *R5ACQ.....283,338 *EA3NO.....228,864 *SS4X.....217,476 *OQ4B (ON4BHQ).....167,696 *DK1IP.....106,506 *R2AF.....24,153 *HA0GK.....20,828 *PA0MIR.....3,040</p> <p>14 MHz</p> <p>*US0MS.....1,048,318 *IZ8EFD.....398,454 *IW9FDD.....322,095 *Y05OHY.....254,609 *M0MDR.....21,024 *YT2AAA.....5,724 *Z39A.....3,240 *DM3PKK.....518</p> <p>7 MHz</p> <p>*YU2A.....1,725,630 *IW4EGX.....1,502,676 *EA7ISH.....1,382,648 *OK2RU.....1,239,770 *Z6/SS2DD.....851,552 *DL5KUD.....767,970 *DF2SD.....667,870 *CT1EEK.....640,912 *14UUL.....228,284 *CT2GMH.....204,408</p> <p>3.5 MHz</p> <p>*OK7T (OK1FHI).....56,206</p> <p><i>*Low Power</i></p>
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2013 WPX RTTY CLUB SCORES

United States			# Entrants	Score
POTOMAC VALLEY RADIO CLUB	52	48,560,918		
NORTHERN CALIFORNIA CONTEST CLUB	44	40,751,627		
SOCIETY OF MIDWEST CONTESTERS	29	29,867,270		
FRANKFORD RADIO CLUB	19	26,944,674		
YANKEE CLIPPER CONTEST CLUB	29	23,690,591		
CTRI CONTEST GROUP	9	17,736,595		
ARIZONA OUTLAWS CONTEST CLUB	28	10,248,438		
WILLAMETTE VALLEY DX CLUB	18	8,537,145		
GRAND MESA CONTESTERS OF COLORADO	9	7,496,306		
GEORGIA CONTEST GROUP	5	7,168,774		
WESTERN WASHINGTON DX CLUB	13	6,994,624		
TENNESSEE CONTEST GROUP	13	6,489,950		
FLORIDA CONTEST GROUP	8	5,784,423		
MINNESOTA WIRELESS ASSN.	27	4,616,449		
MISSISSIPPI VALLEY DX/CONTEST CLUB	4	4,136,572		
DFW CONTEST GROUP	11	3,976,635		
CAROLINA SHINE	9	3,793,507		
KANSAS CITY DX CLUB	3	3,186,606		
SPOKANE DX ASSOCIATION	9	3,067,257		
NORTH COAST CONTESTERS	7	3,033,949		
BERGEN ARA	3	2,656,833		
SOUTH EAST CONTEST CLUB	6	2,450,012		
SOUTHERN CALIFORNIA CONTEST CLUB	11	2,405,637		
ALABAMA CONTEST GROUP	9	2,361,313		
NORTH CAROLINA DX AND CONTEST CLUB	3	2,084,301		
CENTRAL TEXAS DX AND CONTEST CLUB	6	1,974,678		
CAROLINA DX ASSOCIATION	4	1,821,596		
METRO DX CLUB	5	1,726,763		
LOUISIANA CONTEST CLUB	4	1,707,183		
TEXAS DX SOCIETY	3	1,566,395		
BRISTOL (TN/VA) ARC	5	1,523,277		
KANSAS CITY CONTEST CLUB	4	1,276,991		
ORDER OF BOILED OWLS OF NEW YORK	5	1,262,262		
HUDSON VALLEY CONTESTERS AND DXERS	3	1,138,246		
ROCHESTER (NY) DX ASSN.	5	896,581		
MAD RIVER RADIO CLUB	5	825,398		
LOW COUNTRY CONTEST CLUB	4	788,563		
ORLEANS COUNTY AMATEUR RADIO CLUB	4	662,478		
RADIO CLUB OF REDMOND	3	479,634		
MERIDEN ARC	3	310,379		
599 DX ASSOCIATION	3	213,018		
WEST PARK RADIOPS	3	27,052		
DX				
BAVARIAN CONTEST CLUB	86	104,667,426		
RHEIN RUHR DX ASSOCIATION	50	51,555,687		
CROATIAN CONTEST CLUB	16	36,547,117		
UKRAINIAN CONTEST CLUB	31	29,936,374		
HA-DX-CLUB	8	25,292,460		
BLACK SEA CONTEST CLUB	33	17,887,677		
SP DX CLUB	17	15,443,349		
CONTEST CLUB ONTARIO	16	15,338,109		
CONTEST CLUB FINLAND	13	13,731,967		
CONTEST GROUP DU QUEBEC	10	12,909,920		
ORCA DX AND CONTEST CLUB	12	11,289,131		
RUSSIAN CONTEST CLUB	11	10,303,875		
SLOVENIA CONTEST CLUB	12	10,155,458		
ARAUCARIA DX GROUP	13	10,042,546		
SOUTH URAL CONTEST CLUB	3	9,506,620		
599 CONTEST CLUB	6	8,653,300		
WORLD WIDE YOUNG CONTESTERS	7	8,304,092		
LATVIAN CONTEST CLUB	11	7,884,716		
Z37M CONTEST TEAM	3	6,955,800		
KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB	3	6,722,209		
LU CONTEST GROUP	13	6,665,716		
URAL CONTEST GROUP	8	6,276,091		
FOX CONTEST CLUB	3	6,254,452		
CHILTERN DX CLUB	8	5,976,450		
YU CONTEST CLUB	7	4,965,109		
RTTY CONTESTERS OF JAPAN	12	4,757,625		
DL-DX RTTY CONTEST GROUP	17	4,312,557		
LITHUANIAN CONTEST GROUP	3	4,072,844		
KRIVBASS	4	4,030,871		
ARCK	4	3,868,326		
DONBASS CONTEST CLUB	7	3,282,874		
RUSSIAN CW CLUB	5	3,105,120		
TEMIRTAU CONTEST CLUB	3	2,938,725		
MARITIME CONTEST CLUB	5	2,752,115		
VK CONTEST CLUB	4	2,641,602		
VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB	5	2,393,406		
ALRS ST PETERSBURG	4	2,312,148		
MEDITERRANEO DX CLUB	8	2,086,349		
CSTA BUCURESTI	4	1,938,277		
BELARUS CONTEST CLUB	4	1,871,331		
VRHNIKA CONTESTERS	5	1,632,023		
BALATON RADIOAMATEUR DX CLUB	3	1,357,557		
FALKOPINGS RADIOCLUB	4	1,354,412		
RIO DX GROUP	5	1,320,550		
OMSK RADIO CLUB	4	982,489		
DOMODEDOVO	3	963,119		
VU CONTEST GROUP	4	959,206		
GRUPO DXXE	4	930,896		
TOP OF EUROPE CONTESTERS	3	915,424		
YO DX CLUB	4	874,669		
BITTERN DX GROUP	3	817,488		
YB LAND DX CLUB	5	619,059		
CSM CLUJ-NAPOCA	3	542,862		
IVANOVO DX CLUB	4	431,188		
PERUGIA CONTEST CLUB	6	423,665		
UNIVERSITY OF TOKYO CONTEST CLUB	3	243,804		
RU-QRP CLUB	4	205,682		
VOLYN CONTEST GROUP	3	176,018		
GRIMSBY AMATEUR RADIO SOCIETY	3	161,653		
WATERLAND	3	59,242		

this year. Another “significant-other” couple (K5RZA and N5RZ) teamed up with WP2XX at KP2M to set a new North America record, taking third place overall and posting the sixth highest all-time score. Their lower error rate almost put them past the second-place team at HA3OS. Gator N5RZ emailed an hour before the start about his logging software not properly assigning serial numbers, saying he was off to take a pre-contest nap. By reply email, he was alerted to a hot-fix and actually got it installed and working by 0000 Zulu!

The nine operators at 9A1A significantly improved their 2012 score and approached the Multi-Multi world record to set the second highest all-time score and set a new Europe record ... at a very high mark. In a similar vein, the NR4M “Goat Farm Contest Team” also improved their 2012 effort to take second place and set the new North America record. RW0A placed third, making the top three spots from three different continents.

Club Competition

World. The Bavarian Contest Club took no prisoners this year by accumulating over 104M points, more than twice that of second-place Rhein Ruhr DX Association, its annual rival. Part of their secret was amassing many more entries than any other club.

North America. The Potomac Valley Radio Club was third, winning North America, and fourth place Northern California Contest Club rounded out this club foursome that has dominated the competition in recent years.

New to RTTY contesting, had a ball! . . . W4IOU

Closing

There are far more casual and part-time operations in this and other contests than there are serious competitors. The contest environment provides everyone the means to operate their station and improve their skills. Accuracy and speed must be optimally balanced to maximize score, which is a measure of the total effectiveness of operator(s) and station. Thanks to present-day computer technologies, extremely accurate and insightful log checking can help operators learn how they performed. Then, strategies can be set for changes to try out in the next contest. It's a continuous learning and improvement cycle if one chooses to take advantage of it.

The key tool is the individual LCR, or “Log Check Report,” that is available by request to <w0yk@cqwpxrtty.com>. This shows the detail of every error that was detected during the log-check process, including the errors that *other* stations made in their QSO with you. Often, patterns can be seen that may suggest a change in operating strategy or tactics. While contesting is fun, it is also a tremendous opportunity to improve one's amateur radio expertise.

A number of people volunteer to bring contests to us. In this case, Steve N8BJQ, Mark K6UFO, and Rusty W6OAT all helped to fix log formatting problems prior to final log checking. Ken K1EA and Randy K5ZD continue to improve and support the log-checking and website technologies. KM3T, K5TR, and N5KO quietly manage the infrastructure behind the log-submittal robots, log storage, and log-checking software. The WWROF (WorldWide 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 we all love. Gail K2RED at CQ magazine does a wonderful job of assembling these contest articles. Barry W5GN performs the huge task of getting certificates out. Mike K4GMH manages the plaque program, which is another opportunity for us to give back by becoming a plaque donor. You can choose from unsponsored plaques for the normal categories or for any category that follows from the results.

Can't wait for next one . . . 2E1AYS

Good luck in the next CQ WPX RTTY Contest on 8–9 February 2014!
73, Ed, W0YK
