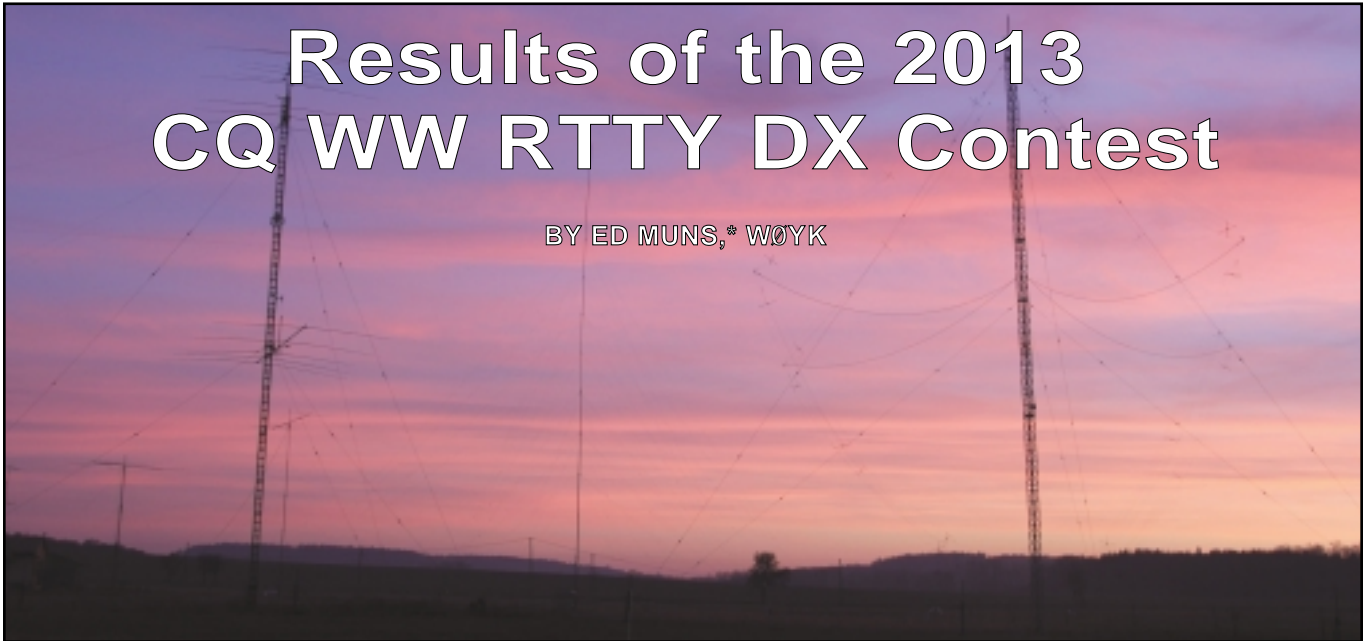


Results of the 2013 CQ WW RTTY DX Contest

BY ED MUNS,* WØYK



Sunset at the OL7M antenna farm where Jan, OK2ZAW, won Single Op 80 Meters High Power as OL9A.

Operators in 165 countries around the world made over 1.6-million QSOs in the 27th consecutive running of this event. Over 15,500 participants and a record number of 3411 submitted logs provided lots of RTTY activity for everyone to enjoy. Solar conditions were down slightly from 2012, but did not significantly affect operating. All five bands performed well in their openings during the weekend.

9A1A, ES9C, and OH0V each logged 36 zones on 20 meters, the highest number of zones on any band. 9A1A and ES9C tied for the highest total band-zone count of 145. ES9C worked 465 band-countries, far beyond any other participant. P49X captured the most band-QTHs (US states and VE areas), 268.

Sixty-seven new Continental records were set out of a total of 240. Thirteen of the 40 World records were broken. These statistics are down slightly from 2012, but of course records become harder to break as they continue to be lifted! This was the second year for the QRP categories and entries grew from 91 to 129. Being new, these categories are ripe for record setting. Here is a summary of the new records set:



Twelve-year-old Adrian, HE9AKG, hunting multipliers while Mike, DL1II, proudly looks on.

	World		Continent	
	New	Avail.	New	Avail.
SO10	2	6	10	36
SO15	1	6	10	36
SO20	3	6	11	36
SO40	2	6	10	36
SO80	2	6	6	36
SOAB	2	6	13	36
MS		2	3	12
M2		1	2	6
MM	1	1	2	6
Total	13	40	67	240

(Assisted and unassisted categories combined)

Single-Op High Power (558 logs submitted)

Single-Op All Band High Power (409). Oyvind, LB8IB, won with 4.9M. John, K1FWE, took second with 4.7M despite oversleeping Sunday morning and missing some of the peak

rate on 10 and 15. He reports, though, that Saturday was the most fun he's ever had with a radio (actually TWO radios!). Chris, SN7Q (SP7GIQ), was a close third with 4.6M and then came Terry, AB5K, 4.3M; Jeff W7RN (WK6I), 4.1M; Wanderley, ZZ2T (PY2MNL), 4.0M; Andy, UU7J (UUØJM), 3.9M, EM0I 3.5M; Lee, VE7CC, 3.4M; and Stefan, DL1IAO, 3.2M.

Single-Op 80 Meters High Power (8). Jan, OL9A (OK2ZAW @OL7M), topped the category with 189K.

Single-Op 40 Meters High Power (30). Miroslaw, SO4M (SP4MPG), won with 627K, but fell short of the record he set in 2010. Third place Glenn, WØGJ, won North America, and ninth place Serge, UAØSR, set a new Asia record at 132K.

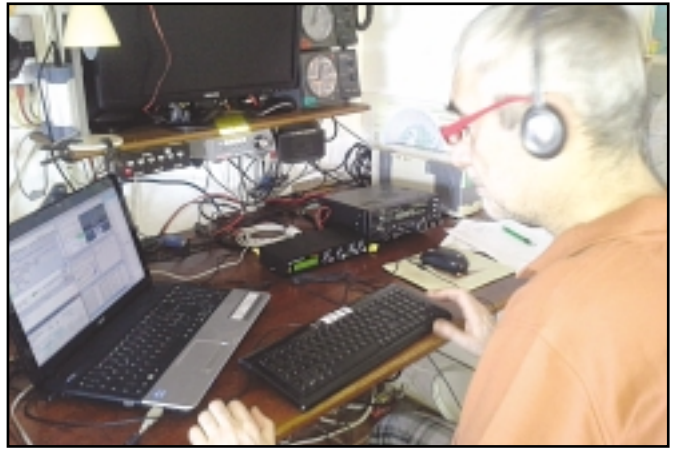
Single-Op 20 Meters High Power (33). Kari, OHØV (OH4KA), took first place with 983K and Gennadiy, UN1L, was second with 808K. Fifth place Jerry, N9AW, won North America with 365K.

Single-Op 15 Meters High Power (47). Carlos, CT3FQ, was first with 889K; Vaho, 4L8A, was second with 861K; and

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Susanne, HA0/KDØRYB drove her OM's station (HA0NAR/HGØR) in her favorite mode of RTTY to capture fourth place in 20 Meters Low Power Assisted.



Enrico, 6V7X (home call IK2FIL, top), who operated from 6W7RV (above) since 2010, won Single Op 10 Meters Low Power.



Przemek, SQ9ORQ, won Europe 15 Meters Low Power Assisted with this modest station.

third-place Remigijus, LY8O, set a new Europe record with 826K.

Single-Op 10 Meters High Power (31). Rene, AY2H (LU7HN), set a new World record with 853K, while Bertrand, FG8OJ, took second place with 483K.

Single Operator Low Power (1404 logs submitted)

Single-Op All Band Low Power (1037). Phil, FG5LA, led this most popular category with 2.5M, where nearly a third of the logs are received. Rimas, LY6A, was close behind, also with 2.5M, followed by Kristjan, S50XX, with 2.4M. Don, AA5AU, took fourth with 2.3M and Kazu, MJ5Z (JK3GAD), took fifth with 2.1M.

Single-Op 80 Meters Low Power (17). Gyorgy, HA1WD, won with 59K after setting the first world record in 80-meter QRP in 2012.

Single-Op 40 Meters Low Power (52). Evgeni, 4Z5UN (UU2JM), set a new Asia record with 222K (twice his 2012 score) to win. Bela, HA8BE, was second with 159K.

Single-Op 20 Meters Low Power (113). Juan, YW5T (YV5JBI), won with the second-highest all-time score of 525K and set a new South America record. Vlad, RZ1ZZ, was second with 370K and Nick, UN7JX, was third with 300K.

Single-Op 15 Meters Low Power (121). Francisco, EE7Y, scored the third highest all-time with 499K for a new Europe record. Gabry, IT9RGY, and Packo, EA3GLB, were next with 388K and 383K, respectively. Fourth place Yana, YB1AR, set a new Oceania record with 326K.

Single-Op 10 Meters Low Power (64). Enrico, 6V7X (IK2FIL@6W7RV), set a new world record with 649K. He had nearly 29 hours of band opening with tremendous pileups at times. With 3 elements on Europe and 7 on North America, the roar could at least be split in half! Wayne, PJ2/K8LEE, was second with 387K, and third-place Oscar, EA1DR, set a new Europe record with 379K. Danu, YD1GCL, set a new Oceania record with 120K.

Single Operator QRP (99 logs submitted)

Single-Op All Band QRP Power (53). Ymanol, YW2LV (YV5YMA), set an impressive new World record with a score of 2.4M, close to the top Low Power All Band score in this



Phil, FG5LA's FT1000 failed just three days before the contest, but he repaired it successfully and in time to win World Single-Op Low Power All Band.

contest. Rudolf, F5VBT, and Antonn, OK7CM, were next with 606K and 571K, respectively, while Dave, K2YG, was close behind in fourth place with 567K. Sergey, UA0ZS, set a new Asia record with 86K, while Bob, KH6KG, set a new Oceania record with 57K.

Single-Op 80 Meters QRP (4). Dmitru, UT3N, won with 23K, and Shunichiro, JH7IMX, established the Asia record with just 21 points!

Single-Op 40 Meters QRP (7). Gabor, 4O/HG3IPA (HA3JB), set a new world record with 74K, and 5th place Juan, CO2JD, set a new North America record with 32K.

Single-Op 20 Meters QRP (14). Piotr, SP6QKP, topped this field with 65K, and 5th place Ken, VE3HLS, set a new North America record with 24K.

Single-Op 15 Meters QRP (13). Vittorio, IZ2JPN, won with 72K, and 5th place Ted, N5UE, set a new North America record.

Single-Op 10 Meters QRP (8). Abdullah, HZ1BW, set a new Asia record with 129K to win this year, and second place Santiago, LW2EE, set a new South America record with 89K.

Single-Op Assisted High Power (518 logs submitted)

Single-Op Assisted All Band High Power (390). Yuri, RG9A, took top honors with 6.0M from Asia, and if you've wondered how to be loud everywhere and win a worldwide contest from the Urals, take a look at the RG9A profile on <www.cqwwrtty.com>. Second-place Victor, UW1M, set a new Europe record with 5.9M. Third, fourth, and fifth went to Bud, AA3B, Fabi VA2UP, and Alexandr, UA5C, with 5.8M, 5.7M, and 5.2M each.

Single-Op Assisted 80 Meters High Power (10). Dave, 9A5BWW, won with 142K in this his second CQ WW RTTY contest. He lost 4-5 hours just two hours into the contest when "Mr. Murphy was chatting with my software."

Single-Op Assisted 40 Meters High Power (16). Alexander, A65BP (RV6LNA), set a new Asia record with 395K to win, and Petri, OH6R (OH3FM), won Europe for second place with 331K.

Single-Op Assisted 20 Meters High Power (29). Stephane, F4DXW, set a new World record with 1.1M. Alex, DR1D (DL1NX/PY1KS/PY2SEX @DL3KO), and Joel, VE6WQ (@ VE6JY), were second and third with 840K and 781K.

Single-Op Assisted 15 Meters High Power (44). Satoru, 9A5Y (9A3NM), won with 911K and set a new Europe record,

while second-place Norm, 5B4AIF, set a new Asia record with 875K.

Single-Op Assisted 10 Meters High Power (29). Arturo, LV6E (LU6TEB), set a new South America record with 655K to win, and second-place Joel ,NH2DX (KG6DX), set a new Oceania record with 420K.

Single-Op Assisted Low Power (445 logs submitted)

Single-Op Assisted All Band Low Power (319). Mark, N2QT, won with 2.8M, while second place Yuri, UN6P, set a new Asia record with 1.9M. Third and fourth places also came from Asia with Yuri, RT9S, and Hani, HZ1HN, scoring 1.6M and 1.5M each. Fifth-place Dieter, DF2SD, won Europe with 1.1M

Single-Op Assisted 80 Meters Low Power (13). Dunia, EA8MT, set a new World record with 94K, and second place

**2013 WW RTTY DX CONTEST
TOP SCORES IN VERY ACTIVE ZONES**

Zone 3		OM5ZW3,319,008
W7RN.....	4,059,872	IZ6TSA3,231,922
VE7CC.....	3,404,394	IN3VVK.....3,002,550
K6LL/7.....	2,850,570	OE6MDF.....2,961,244
N6RO.....	2,024,860	
VA7KO.....	1,923,705	
Zone 4		Zone 16
AB5K.....	4,280,430	UW1M.....5,875,792
VE5MX.....	2,938,100	UA5C.....5,246,100
AC0C.....	2,870,175	UU7J.....3,912,740
K0KX.....	2,362,542	EM0I.....3,482,900
*AA5AU.....	2,262,050	UR7GO.....3,138,600
Zone 5		Zone 20
AA3B.....	5,822,172	LZ8E.....3,894,030
VA2UP.....	5,686,272	YO3CZW.....1,719,690
K1FWE.....	4,691,368	LZ6K.....1,489,054
N1QD.....	3,422,793	YO3APJ.....1,473,760
VA2AM.....	3,039,986	YO6A.....739,505
Zone 14		Zone 25
LB8IB.....	4,923,285	JH4UYB.....2,853,840
LN5O.....	3,620,180	JS3CTQ.....2,388,204
DL1IAO.....	3,180,060	JM1XCW.....2,109,156
EA1AKS.....	2,693,839	JR4OZR.....2,023,584
DD2ML.....	2,594,400	JA1OVD.....1,466,138
Zone 15		
SN7Q.....	4,582,795	

*Low Power

2013 CQ WW RTTY DX CONTEST TOP SCORES

<p>WORLD SINGLE OPERATOR ALL BAND HIGH POWER</p> <p>LB8IB4,923,285 K1FEW4,691,368 SN7O4,582,795 AB5K4,280,430 W7RN4,059,872</p> <p>28 MHz</p> <p>AY2H852,609 FG8OJ482,980 CE3DNP384,652</p> <p>21 MHz</p> <p>CT3FO889,350 4L8A861,052 LY8O826,166</p> <p>14 MHz</p> <p>OH0V940,866 UN1L807,989 YL2CI516,132</p> <p>7 MHz</p> <p>SO4M627,216 IZ0KBR409,836 IN3QBR364,343</p> <p>3.5 MHz</p> <p>OL9A189,072 IZ5NRF64,944 HA3HZ49,538</p> <p>LOW POWER ALL BAND</p> <p>*FG5LA2,528,400 *LY6A2,459,972 *S50XX2,437,120 *AA5AU2,262,050 *MJ5Z2,077,146</p> <p>28 MHz</p> <p>*6V7X649,496 *PJ2/K8LEE387,228 *EA1DR378,898</p> <p>21 MHz</p> <p>*EE7Y498,617 *IT9RGY387,625 *EA3GLB383,368</p> <p>14 MHz</p> <p>*YW5T525,483 *RZ1ZZ369,684 *UN7JX299,880</p> <p>7 MHz</p> <p>*4Z5UN221,980 *HA8BE158,880 *EW8DZ120,432</p> <p>3.5 MHz</p> <p>*HA1WD56,181 *IC8TEM45,227 *OK2SAR44,605</p> <p>QRP ALL BAND</p> <p>YW2LV2,399,320 F5VBT606,195 OK7CM571,482 K2YG566,892 W6OU325,380</p> <p>28 MHz</p> <p>HZ1BW129,336 LW2EE88,578 RV6LX18,525</p> <p>21 MHz</p> <p>I2ZJPN71,940 SP4LVK65,312 JA0VTK37,157</p> <p>14 MHz</p> <p>SP6OKP64,974 IK4UXA48,685 ES1LS42,354</p> <p>7 MHz</p> <p>40/HG3IPA74,052 UX5UU63,744 HG6C58,136</p> <p>3.5 MHz</p> <p>UT3N23,274 OK1WCF16,320 G4IRN1,533</p> <p>ASSISTED HIGH POWER ALL BAND</p> <p>RG9A5,971,822 UW1M5,875,792 AA3B5,822,172 VA2UP5,686,272 UA5C5,246,100</p>	<p>28 MHz</p> <p>LV6E654,974 NH2DX420,210 TK5MH336,000</p> <p>21 MHz</p> <p>9A5Y910,845 5B4AIF874,825 DF9ZP726,869</p> <p>14 MHz</p> <p>F4DXW1,118,685 DR1D840,000 VE6WQ780,764</p> <p>7 MHz</p> <p>A65BP395,352 OH6R331,390 9A5M301,350</p> <p>3.5 MHz</p> <p>9A5BWW141,588 SP8K97,020 DL2SAX96,252</p> <p>LOW POWER ALL BAND</p> <p>*N2QT/42,753,184 *UN6P1,875,312 *RT9S1,624,596 *HZ1HN1,508,580 *DF2SD1,134,420</p> <p>28 MHz</p> <p>*LW5DW348,435 *PX2T284,418 *I0UZF226,455</p> <p>21 MHz</p> <p>*LU7HF329,586 *4Z5CP328,578 *SQ9ORO272,214</p> <p>14 MHz</p> <p>*HG5D464,326 *LZ9R433,192 *WH0RU423,657</p> <p>7 MHz</p> <p>*YT2B178,176 *SV5DKL144,304 *W3FIZ108,486</p> <p>3.5 MHz</p> <p>*EA8MT93,670 *SP5OXJ58,888 *YU1XX30,464</p> <p>QRP ASSISTED ALL BAND</p> <p>OK3C713,205 IK3SSJ433,350 PE2K308,898 N6MA/7296,010 CO2IZ151,956</p> <p>28 MHz</p> <p>Y08DDP12,100 UT2AB6,288 F5HRH4,644</p> <p>21 MHz</p> <p>I23NVR63,392 VE3XD40,630 M0DDT19,637</p> <p>14 MHz</p> <p>OX5M81,510 DK2AB28,768 9A6K4,700</p> <p>7 MHz</p> <p>DJ2RG61,698 EA2CRX42,330</p> <p>3.5 MHz</p> <p>M0VAA19,437</p> <p>MULTI-OPERATOR SINGLE-TRANSMITTER HIGH POWER</p> <p>I4DZ7,592,534 W2FU7,484,362 EF8U7,127,736 UZ2M6,870,906 K1SFA6,572,316</p> <p>MULTI-OPERATOR SINGLE-TRANSMITTER LOW POWER</p> <p>*VP9I3,236,751 *S50W2,978,976 *DD1A2,918,592 *CS5CRE2,349,189 *OH5EHC1,910,216</p>	<p>MULTI-OPERATOR TWO-TRANSMITTER</p> <p>CR3A11,759,480 P49X11,640,496 W1UE9,616,408 ED1R9,242,354 LX7I8,857,935</p> <p>MULTI-OPERATOR MULTI-TRANSMITTER</p> <p>ES9C16,321,906 HK1NA15,262,260 9A1A14,391,440 CR3L11,010,000 I09UI10,960,464</p> <p>UNITED STATES SINGLE OPERATOR ALL BAND HIGH POWER</p> <p>K1FEW4,691,368 AB5K4,280,430 W7RN4,059,872 AC0C2,870,175 K5ZD/12,312,926</p> <p>28 MHz</p> <p>N7US/9224,352 W7ZR57,783 K0JJ/715,640</p> <p>21 MHz</p> <p>WR9D265,780</p> <p>14 MHz</p> <p>N9AW365,064 W3RTY109,746 W7PU101,530</p> <p>7 MHz</p> <p>W0GJ302,632 W1TY/2128,780 N2HR/3118,762</p> <p>3.5 MHz</p> <p>N8CL/235,518 W7RY24,282 NN4K1,488</p> <p>LOW POWER ALL BAND</p> <p>*AA5AU2,262,050 *NT0F1,218,374 *WA1FCN/41,052,504 *AD5XD950,235 *K1IMI877,584</p> <p>28 MHz</p> <p>*WE6EZ/530,699 *WB3LHD20,540 *KK4MIN5,328</p> <p>21 MHz</p> <p>*K6GHA182,160 *N2YBB125,706 *WB3JFS/7110,390</p> <p>14 MHz</p> <p>*K8MU179,601 *N6JV127,743 *N5PU34,977</p> <p>7 MHz</p> <p>*AA8R119,784 *N4IJ/585,050 *NX9G82,042</p> <p>3.5 MHz</p> <p>*WW1MM10,726 *N7UR728</p> <p>QRP ALL BAND</p> <p>K2YG566,892 W6OU325,380 AC5O61,748 K7HBN28,910 A19K25,986</p> <p>28 MHz</p> <p>WD9FTZ/89,912 KB2HSH2,560</p> <p>21 MHz</p> <p>N5JE23,579 W1CSM16,324 N6HI/7888</p> <p>14 MHz</p> <p>K3TW/41,598</p> <p>ASSISTED HIGH POWER ALL BAND</p> <p>AA3B5,822,172 N1OD3,422,793 K6LL/72,850,570 W4PK2,754,526 W3FV2,600,245</p>	<p>28 MHz</p> <p>KU5B331,010 N2WK257,730 W90A/9153,352</p> <p>21 MHz</p> <p>N7AT644,826 WA5ZUP517,450 K4MM454,410</p> <p>14 MHz</p> <p>W91LY271,656 9A1A157,480 K6TU22,596</p> <p>3.5 MHz</p> <p>W8AKS8,142 KS0AA4,272</p> <p>LOW POWER ALL BAND</p> <p>*N2QT/42,753,184 *K0BMBF880,270 *AB4SF855,868 *WB40MM790,656 *NR2C686,562</p> <p>28 MHz</p> <p>*W6HGF/430,800</p> <p>21 MHz</p> <p>*W7PP174,423 *K5ND158,895 *W6TK96,316</p> <p>14 MHz</p> <p>*AB1J115,368 *W4LC111,232 *N7NTQ728</p> <p>7 MHz</p> <p>*W3FIZ108,486 *AB9YC50,562</p> <p>3.5 MHz</p> <p>*NA5NN16,344 *K6VHF5,280 *K7FLI35</p> <p>QRP ASSISTED ALL BAND</p> <p>N6MA/7296,010 K9YC/652,560 WA8HSB/48,160 W4JHC/5210</p> <p>MULTI-OPERATOR SINGLE-TRANSMITTER HIGH POWER</p> <p>W2FU7,484,362 K1SFA6,572,316 K4FJ4,098,366 W0LSD3,587,976 W1DX3,306,798</p> <p>MULTI-OPERATOR SINGLE-TRANSMITTER LOW POWER</p> <p>*WJ4N1,274,639 *AD5OW487,275 *N3WZR405,790 *W06X78,960 *WN1G/475,750</p> <p>MULTI-OPERATOR TWO-TRANSMITTER</p> <p>W1UE9,616,408 K1G8,396,272 K9CT8,357,888 WW4LL6,011,760 N7BV2,397,120</p> <p>MULTI-OPERATOR MULTI-TRANSMITTER</p> <p>NR4M9,856,890 N0NI6,730,932 NK7U6,211,492 KA4RRU5,398,770 N2PA2,268,000</p> <p>EUROPE SINGLE OPERATOR HIGH POWER ALL BAND</p> <p>LB8IB4,923,285 SN7O4,582,795 UJ7J3,912,740 EM0I3,482,900 DL1IAO3,180,060</p> <p>28 MHz</p> <p>DL3BOA205,900 F1AKK178,996 E7TT128,225</p> <p>21 MHz</p> <p>LY8O826,166 GM3W665,100 DL4MCF631,722</p> <p>14 MHz</p> <p>OH6R331,390</p> <p>7 MHz</p> <p>OH0V940,866 YL2CI516,132 IK4GNI426,351</p> <p>3.5 MHz</p> <p>OL9A189,072 IZ5NRF64,944 HA3HZ49,538</p> <p>LOW POWER ALL BAND</p> <p>*LY6A2,459,972 *S50XX2,437,120 *MJ5Z2,077,146 *EO3O1,492,920 *R7MM1,387,386</p> <p>28 MHz</p> <p>*EA1DR378,898 *YT2U78,812 *LZ2JA67,089</p> <p>21 MHz</p> <p>*EE7Y498,617 *IT9RGY387,625 *EA3GLB383,368</p> <p>14 MHz</p> <p>*RZ1ZZ369,684 *HG0R287,874 *SP4JCO285,948</p> <p>7 MHz</p> <p>*HA8BE158,880 *EW8DZ120,432 *Y04RDW103,880</p> <p>3.5 MHz</p> <p>*HA1WD56,181 *IC8TEM45,227 *OK2SAR44,605</p> <p>QRP ASSISTED ALL BAND</p> <p>F5VBT606,195 OK7CM571,482 UA7G322,245 OM6RK321,804 IK1RKU296,192</p> <p>28 MHz</p> <p>RV6LX18,525 IK7XNF13,268 SQ5TB2,490</p> <p>21 MHz</p> <p>I2ZJPN71,940 SP4LVK65,312 F4EEI5,474</p> <p>14 MHz</p> <p>SP6OKP64,974 IK4UXA48,685 ES1LS42,354</p> <p>7 MHz</p> <p>40/HG3IPA74,052 UX5UU63,744 HG6C58,136</p> <p>3.5 MHz</p> <p>UT3N23,274 OK1WCF16,320 G4IRN1,533</p> <p>ASSISTED HIGH POWER ALL BAND</p> <p>UW1M5,875,792 UA5C5,246,100 LZ8E3,894,030 LN5O3,620,180 OM5ZW3,319,008</p> <p>28 MHz</p> <p>TK5MH336,000 SQ8JLU276,179 DR2W201,708</p> <p>21 MHz</p> <p>9A5Y910,845 DF9ZP726,869 SP8CUR719,475</p> <p>14 MHz</p> <p>F4DXW1,118,685 DR1D840,000 IT9ZMX731,721</p> <p>7 MHz</p> <p>9A5M301,350 G3P272,072</p> <p>3.5 MHz</p> <p>9A5BWW141,588 SP8K97,020 DL2SAX96,252</p> <p>LOW POWER ALL BAND</p> <p>*DF2SD1,134,420 *UT8EL1,132,785 *UT2IO993,461 *F4FDA863,135 *YL5X862,920</p> <p>28 MHz</p> <p>*I0UZF226,455 *CR5D207,966 *EA3EZD93,225</p> <p>21 MHz</p> <p>*SQ9ORO272,214 *OH7MN223,080 *R5ACO146,560</p> <p>14 MHz</p> <p>*HG5D464,326 *LZ9R433,192 *UR0HQ342,286</p> <p>7 MHz</p> <p>*YT2B178,176 *SV5DKL144,304 *S56A84,672</p> <p>3.5 MHz</p> <p>*SP5OXJ58,888 *YU1XX30,464 *IT9RZU21,900</p> <p>QRP ASSISTED ALL BAND</p> <p>OK3C713,205 IK3SSJ433,350 PE2K308,898 YU1LM117,344 I25PNL58,374</p> <p>28 MHz</p> <p>Y08DDP12,100 UT2AB6,288 F5HRH4,644</p> <p>21 MHz</p> <p>I23NVR63,392 M0DDT19,637</p> <p>14 MHz</p> <p>DK2AB28,768 9A6K4,700</p> <p>7 MHz</p> <p>DJ2RG61,698 EA2CRX42,330</p> <p>3.5 MHz</p> <p>M0VAA19,437</p> <p>MULTI-OPERATOR SINGLE-TRANSMITTER HIGH POWER</p> <p>I4DZ7,592,534 U22M6,807,906 YR1A5,748,429 3Z2X5,291,886 SJ2W5,199,790</p> <p>MULTI-OPERATOR SINGLE-TRANSMITTER LOW POWER</p> <p>*S50W2,978,976 *DD1A2,918,592 *CS5CRE2,349,189 *OH5EHC1,910,216 *UX4E1,140,912</p> <p>MULTI-OPERATOR TWO-TRANSMITTER</p> <p>ED1R9,242,354 LX7I8,857,935 I01RY7,540,729 LZ5R6,941,538 DO4W6,511,834</p> <p>MULTI-OPERATOR MULTI-TRANSMITTER</p> <p>ES9C16,321,906 9A1A14,391,440 I09UI10,960,464 HA3OS10,296,513 OH2K3,907,956</p>
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*Low Power

Jacek, SP5OXJ, set a new Europe record with 59K. North America and Asia records were also set by Glenn, NA5NN (K2FF), and Khalid, A61BK, with 16K and 7K, respectively.

Single-Op Assisted 40 Meters Low Power (12). Bozidar, YT2B, won with 178K, and third-place Pat, W3FIZ, set a new North America record with 108K. Eighth-place Toshi, JE2UFF, set a new Asia record with 41K, and Arifin, YB8JOY, set a new Oceania record with 34K.

Single-Op Assisted 20 Meters Low Power (29). Lali, HG5D (HA8QZ), set a new World record to win with 464K, and third place Hiro, WH0RU (JG7PSJ), set a new Oceania record with 423K. Fourth-place Barry, VE6BMX, set a new



How about using the west tower of the Castle in Ptuj, the oldest town in Slovenia, to support your Yagi? Radioklub Ptuj S50W does just that and will celebrate its 60th anniversary this year.

2013 WW RTTY DX CONTEST CLUB SCORES

UNITED STATES

Club	#Entrants	Score
POTOMAC VALLEY RADIO CLUB	39	37,579,876
YANKEE CLIPPER CONTEST CLUB	28	34,168,438
SOCIETY OF MIDWEST CONTESTERS	32	17,907,492
MINNESOTA WIRELESS ASSN	50	17,750,737
NORTHERN CALIFORNIA CONTEST CLUB	25	17,574,985
FRANKFORD RADIO CLUB	13	13,650,932
NORTH COAST CONTESTERS	7	12,092,954
CTRI CONTEST GROUP	4	11,789,942
WILLAMETTE VALLEY DX CLUB	18	10,825,172
DFW CONTEST GROUP	9	8,984,789
FLORIDA CONTEST GROUP	19	8,686,077
ARIZONA OUTLAWS CONTEST CLUB	22	7,701,971
WESTERN WASHINGTON DX CLUB	11	7,554,143
ALABAMA CONTEST GROUP	16	7,470,730
MOTHER LODE DX/CONTEST CLUB	9	7,360,679
TENNESSEE CONTEST GROUP	13	5,993,625
KANSAS CITY CONTEST CLUB	4	4,608,831
LOUISIANA CONTEST CLUB	5	3,796,160
GRAND MESA CONTESTERS OF COLORADO	7	3,169,684
ROCHESTER (NY) DX ASSN	7	2,848,557
BERGEN ARA	7	2,647,986
SOUTHERN CALIFORNIA CONTEST CLUB	9	2,613,500
ORLEANS COUNTY AMATEUR RADIO CLUB	7	2,457,545
CENTRAL TEXAS DX AND CONTEST CLUB	4	2,087,346
ORDER OF BOILED OWLS OF NEW YORK	9	2,040,979
MISSISSIPPI VALLEY DX/CONTEST CLUB	3	1,843,822
SPOKANE DX ASSOCIATION	4	1,809,019
CAROLINA SHINE	4	1,740,648
CAROLINA DX ASSOCIATION	7	1,618,761
SOUTH EAST CONTEST CLUB	7	1,460,986
BRISTOL (TN/VA) ARC	5	929,276
HUDSON VALLEY CONTESTERS AND DXERS	3	717,907
ALLEGHENY VALLEY RADIO ASSOCIATION	3	657,330
NIAGARA FRONTIER RADIOSPORT	5	434,295
METRO DX CLUB	4	428,315
KANSAS CITY DX CLUB	3	224,539
MAD RIVER RADIO CLUB	3	184,206
599 DX ASSOCIATION	4	125,910

DX

BAVARIAN CONTEST CLUB	104	68,054,216
RHEIN RUHR DX ASSOCIATION	58	61,399,740
UKRAINIAN CONTEST CLUB	31	35,186,845
CONTEST GROUP DU QUEBEC	11	17,359,908
CROATIAN CONTEST CLUB	16	17,171,626
CONTEST CLUB ONTARIO	32	16,779,771
BLACK SEA CONTEST CLUB	26	15,158,333
CONTEST CLUB FINLAND	15	14,407,393
ORCA DX AND CONTEST CLUB	7	11,885,729
ARAUCARIA DX GROUP	14	10,967,933
SOUTH URAL CONTEST CLUB	5	9,665,486
RADIO CLUB HENARES	4	9,510,742
LU CONTEST GROUP	18	9,367,640
SP DX CLUB	22	9,306,848
LA CONTEST CLUB	4	8,921,430
HA-DX-CLUB	6	6,075,536
WORLD WIDE YOUNG CONTESTERS	9	6,074,153
LATVIAN CONTEST CLUB	11	5,446,920
KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB	5	4,914,242
DL-DX RTTY CONTEST GROUP	7	4,647,787
599 CONTEST CLUB	7	4,355,662
CLIPPERTON DX CLUB	3	4,169,291
SAUDI CONTEST GROUP	5	4,161,799
SLOVENIA CONTEST CLUB	11	4,054,113
MARITIME CONTEST CLUB	7	3,956,022
RTTY CONTESTERS OF JAPAN	13	3,685,067
BELARUS CONTEST CLUB	9	3,547,574
RUSSIAN CONTEST CLUB	12	2,871,087
KRIVBASS	6	2,743,405
YO DX CLUB	7	2,505,642
GRIMSBY AMATEUR RADIO SOCIETY	5	2,408,228
URAL CONTEST GROUP	6	2,199,931
ARCK	4	2,179,847
CSTA BUCURESTI	3	1,985,240
ALRS ST PETERSBURG	4	1,866,378
YB LAND DX CLUB	9	1,835,605
CONTEST CLUB SERBIA	12	1,637,530
DANISH DX GROUP	5	1,521,523
VK CONTEST CLUB	4	1,453,968
CHILTERN DX CLUB	5	1,363,347
DONBASS CONTEST CLUB	7	1,211,513
VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB	5	1,206,917
RUSSIAN CW CLUB	3	1,188,686
ARIPA DX TEAM	4	1,142,558
LITHUANIAN CONTEST GROUP	3	918,487
MEDITERRANEO DX CLUB	4	904,059
CE CONTEST GROUP	4	652,613
UNIVERSITY OF TOKYO CONTEST CLUB	3	650,316
PERUGIA CONTEST CLUB	5	549,641
GUARA DX GROUP	4	531,039
RU-QRP CLUB	4	509,888
ARI CASTELLI ROMANI	3	382,283
RIO DX GROUP	3	243,896
CHILEAN PACIFIC DX GROUP	5	193,401
SK6AW HISINGENS RADIOKLUBB	3	138,863

2013 WW RTTY DX CONTEST BAND-BY-BAND BREAKDOWN—TOP ALL BAND SCORES

Number groups indicate: QSOs, Countries, Zones, US/VE on each band

WORLD TOP SINGLE OP ALL BAND

Station	80	40	20	15	10
LB8IB	330/48/11/19	791/71/20/48	802/72/25/53	971/76/29/54	196/54/26/39
K1FWE	199/36/12/41	480/61/20/39	997/82/28/45	1155/80/25/38	333/59/19/14
SN7Q	244/40/11/20	622/63/22/48	776/74/29/53	799/73/29/48	420/58/26/41
AB5K	177/11/7/43	633/54/22/50	1025/67/25/54	1372/74/25/45	292/48/17/19
W7RN	237/11/9/44	578/51/23/51	794/63/24/51	1233/76/26/52	406/41/19/37

WORLD TOP SINGLE OPERATOR ASSISTED ALL BAND

RG9A	271/44/7/0	721/82/25/20	833/92/32/54	897/94/29/42	714/73/24/4
UW1M	172/44/10/5	706/74/22/46	1202/93/35/54	1325/86/30/54	317/67/27/29
AA3B	298/39/13/44	754/69/23/50	941/94/30/44	1006/88/27/32	518/70/24/19
VA2UP	325/44/13/44	773/64/21/51	1033/80/26/47	1051/79/26/42	309/53/17/10
UA5C	173/45/10/5	649/80/23/45	888/91/33/51	1128/83/28/52	377/64/28/32

WORLD MULTI-OP SINGLE TRANSMITTER HIGH POWER

I4DZ	233/51/13/27	682/86/27/54	1041/106/34/57	1266/98/32/57	480/79/33/48
W2FU	323/50/17/48	776/88/29/51	1116/103/34/51	1036/106/30/51	388/90/31/44
EF8U	81/40/11/21	675/64/18/50	614/85/31/51	1100/89/27/53	1150/81/27/48
U22M	163/49/13/16	756/88/26/50	1054/99/32/55	1367/101/33/54	431/85/33/27
K1SFA	287/50/16/48	677/85/29/50	900/102/33/54	1044/106/32/52	374/84/31/37

WORLD MULTI-OP SINGLE TRANSMITTER LOW POWER

*VP9I	134/29/11/38	616/63/23/50	583/80/29/50	606/79/28/41	187/56/21/21
*S5OW	215/45/10/10	551/75/24/45	483/90/32/48	425/84/29/50	230/64/30/36
*DD1A	216/47/12/13	516/73/21/49	523/83/31/48	514/82/29/51	119/54/27/28
*CS5CRE	21/21/5/2	443/54/14/38	681/70/23/49	705/72/25/48	236/43/18/19
*OH5EHC	137/39/9/1	264/56/16/14	424/85/29/46	472/76/27/40	176/55/25/21

WORLD MULTI-OP TWO TRANSMITTER

CR3A	300/45/14/36	882/80/25/49	1346/85/31/57	1806/91/29/56	1096/84/28/50
P49X	228/27/13/45	1023/72/24/53	1013/78/30/57	1921/93/32/57	1220/75/30/56
W1UE	454/54/15/50	956/88/28/52	1308/105/34/53	1461/108/31/52	619/86/28/34
ED1R	340/50/14/31	1043/77/24/54	1339/98/31/54	1401/97/32/52	823/83/31/53
LX7I	508/51/12/27	1052/80/24/53	1343/101/34/56	1246/90/31/54	623/77/29/46

WORLD MULTI-OP MULTI-TRANSMITTER

ES9C	744/56/14/16	1775/102/31/54	2471/113/36/56	2100/109/33/57	891/85/31/46
HK1NA	367/46/15/42	1200/73/24/53	1702/92/32/54	1946/99/31/55	1515/83/28/53
9A1A	741/53/13/25	1550/90/29/51	1916/108/36/57	1782/99/33/57	1066/89/34/55
CR3L	303/51/14/32	777/67/21/49	1510/87/30/54	1284/88/30/52	1336/89/33/53
IQ9UI	656/56/14/28	1237/83/23/50	1859/101/32/54	1549/88/31/56	790/82/32/48

USA TOP SINGLE OP ALL BAND

Station	80	40	20	15	10
K1FWE	199/36/12/41	480/61/20/39	997/82/28/45	1155/80/25/38	333/59/19/14
AB5K	177/11/7/43	633/54/22/50	1025/67/25/54	1372/74/25/45	292/48/17/19
W7RN	237/11/9/44	578/51/23/51	794/63/24/51	1233/76/26/52	406/41/19/37
AC0C	257/21/10/45	406/55/18/48	593/71/22/46	921/72/24/33	266/52/17/5
K5ZD/1	116/31/11/43	281/47/17/38	400/63/25/26	647/72/22/32	294/56/19/14

USA TOP SINGLE OPERATOR ASSISTED ALL BAND

AA3B	298/39/13/44	754/69/23/50	941/94/30/44	1006/88/27/32	518/70/24/19
N1OD	117/29/11/34	398/60/18/41	744/83/28/41	703/84/26/34	335/58/18/18
K6LL/7	75/6/5/36	385/57/18/43	472/72/26/53	1166/81/27/54	159/42/20/30
W4PK	114/24/10/27	299/51/15/37	548/69/23/32	782/80/25/25	325/62/20/14
*N2QT/4	149/11/10/41	400/57/17/45	659/80/28/38	587/72/25/27	301/59/20/14

USA MULTI-OP SINGLE TRANSMITTER HIGH POWER

W2FU	323/50/17/48	776/88/29/51	1116/103/34/51	1036/106/30/51	388/90/31/44
K1SFA	287/50/16/48	677/85/29/50	900/102/33/54	1044/106/32/52	374/84/31/37
K4FJ	176/27/12/44	612/68/21/41	590/91/30/42	810/91/29/26	570/79/27/29
W0LSD	126/11/10/42	422/76/27/49	741/82/29/51	883/85/27/49	133/63/24/23
W1DX	69/35/12/30	482/71/21/41	408/86/32/39	1069/89/29/35	133/68/26/13

USA MULTI-OP SINGLE TRANSMITTER LOW POWER

*WJ4N	35/8/6/29	436/48/22/46	166/59/19/33	503/55/18/37	199/49/21/13
*AD5OW	73/3/4/31	202/34/17/40	152/41/15/34	221/55/21/20	59/28/16/6
*N3WZR	89/6/6/34	233/45/18/39	80/33/14/20	142/48/19/12	55/29/11/7
*W06X	26/4/5/14	24/5/6/13	83/19/13/30	90/30/18/22	31/11/9/11
*WN1G/4	15/1/3/13	28/5/6/17	46/15/12/18	80/41/21/13	36/18/13/6

USA MULTI-OP TWO TRANSMITTER

W1UE	454/54/15/50	956/88/28/52	1308/105/34/53	1461/108/31/52	619/86/28/34
K1G	399/51/14/48	926/87/28/50	1160/97/33/51	1383/97/32/43	564/82/29/30
K9CT	379/36/15/48	1041/81/29/50	1215/96/30/55	1475/97/31/49	633/74/27/24
WW4LL	172/27/12/41	672/72/24/47	899/79/26/50	1229/93/30/47	690/75/26/28
N7BV	68/6/7/29	281/34/20/39	658/71/26/49	898/80/30/44	279/36/18/39

USA MULTI-OP MULTI-TRANSMITTER

NR4M	577/51/17/49	1155/78/27/54	1367/98/33/51	1457/95/30/40	941/81/26/44
N0NI	425/33/15/53	909/67/26/49	1127/84/28/51	1399/85/29/41	550/66/24/25
NK7U	309/13/12/48	779/66/25/53	1181/83/27/56	1495/98/30/47	512/58/23/40
KA4RRU	348/30/13/49	551/60/20/49	1045/89/30/48	1156/86/28/32	570/69/26/25
N2PA	168/21/10/40	454/51/15/48	642/67/24/43	546/62/22/30	223/43/15/9

North America record with 207K, while Enkhbayar, JT1DA, and Francisco, 4M5L (YV5LI), set new Asia and South America records with 86K and 45K.

Single-Op Assisted 15 Meters Low Power (42). Marcelo, LU7HF, set a new South America record for first place with 330K and Dimitry, 4Z5CP, set a new Asia record for second place with 329K, a very close race! Third-place Przemek, SQ9ORQ, won Europe with 272K and Dick, W7PP, won North America with 174K.

Single-Op Assisted 10 Meters Low Power (30). Jorge, LW5DW, set a new South America record with 348K and fifth place Hariy, YB0MWM, set a new Oceania record with 184K.

Single-Op Assisted QRP (30 logs submitted)

Single-Op Assisted All Band QRP (18). Ludek, OK3C (OK2ZC), set the new World record with a nice score of 713K. Fourth-place Paul, N6MA, set a new North America record with 296K. Jose, EA9CD, and Kazu, JK1TCV, set new Africa and Asia records with 60K and 47K, while David, VK5DG, and Eger, PY2EX, set Oceania and South America records with 14K and 10K.

Single-Op Assisted 80 Meters QRP (1). This category had its first, and only, all-time entry by Gerry, M0VAA, with 19K.

Single-Op Assisted 40 Meters QRP (10). Klaus, DJ2RG, pushed up the World record to 62K.

Single-Op Assisted 20 Meters QRP (3). Mia, OX5M, lifted the World record to 82K and Jens, DK2AB, set a new Europe record with 29K.

Single-Op Assisted 15 Meters QRP (3). Stefano, IZ3NVR, won with a new World record of 63K and Don, VE3XD, set a new North America record of 41K.

Single-Op Assisted 10 Meters QRP (3). Arsene, YO8DDP, won with 12K.

Multi-Operator (152 logs submitted)

Multi-Single High Power (67). The I4DZ (I4DZ, I4EWH, I4FYF, I4IFL, IK3QAR, IK3STG, IK4DCW, IK4HVR, IK4MGP, IK4WMH, IR4M, IW4EGX, IZ4GWE) team won and set a new Europe record with 7.6M while second place W2FU (K0SM, N2ZN, NW2K, W2FU, W6TR, WB2ABD) set a new North America record with 7.5M. EF8U (EA8RY, EA8NL, EA8ZS, EA8CNR, EA8DP, EA8AGF, EA8RT, EA8CQN,

EUROPE TOP SINGLE OP ALL BAND

Station	80	40	20	15	10
LB8IB	330/48/11/19	791/71/20/48	802/72/25/53	971/76/29/54	196/54/26/39
SN7O	244/40/11/20	622/63/22/48	776/74/29/53	799/73/29/48	420/58/26/41
UU7J	211/46/11/13	693/63/18/42	992/90/30/51	896/73/23/51	182/48/21/16
EM0I	258/47/9/7	697/76/22/44	585/74/28/43	1011/82/30/52	102/37/23/6
DL1IAO	265/42/10/22	514/55/16/41	478/63/26/46	687/67/23/55	293/56/26/37

EUROPE TOP SINGLE OPERATOR ASSISTED ALL BAND

UW1M	172/44/10/5	706/74/22/46	1202/93/35/54	1325/86/30/54	317/67/27/29
UA5C	173/45/10/5	649/80/23/45	888/91/33/51	1128/83/28/52	377/64/28/32
LZ8E	157/40/10/14	569/66/18/44	764/81/27/48	799/80/25/52	288/68/27/30
LN5O	194/44/11/8	641/80/23/47	968/97/34/53	537/73/24/51	94/36/18/21
OM5ZW	117/39/9/12	473/67/21/43	458/80/31/44	868/79/27/53	215/59/25/27

EUROPE MULTI-OP SINGLE TRANSMITTER HIGH POWER

I4DZ	233/51/13/27	682/86/27/54	1041/106/34/57	1266/98/32/57	480/79/33/48
UZ2M	163/49/13/16	756/88/26/50	1054/99/32/55	1367/101/33/54	431/85/33/27
YR1A	171/43/9/7	766/73/20/46	980/95/32/50	1116/85/30/57	355/75/31/38
3Z2X	190/45/12/8	777/81/27/51	789/95/33/52	806/89/29/51	353/76/30/34
SJ2W	215/49/11/19	575/88/28/49	774/98/32/53	939/90/32/54	310/67/26/34

EUROPE MULTI-OP SINGLE TRANSMITTER LOW POWER

*S50W	215/45/10/10	551/75/24/45	483/90/32/48	425/84/29/50	230/64/30/36
*DD1A	216/47/12/13	516/73/21/49	523/83/31/48	514/82/29/51	119/54/27/28
*CS5CRE	212/21/5/2	443/54/14/38	681/70/23/49	705/72/25/48	236/43/18/19
*OH5EHC	137/39/9/1	264/56/16/14	424/85/29/46	472/76/27/40	176/55/25/21
*UX4E	61/22/5/0	409/62/19/26	359/58/21/18	321/54/23/35	128/38/24/12

EUROPE MULTI-OP TWO TRANSMITTER

ED1R	340/50/14/31	1043/77/24/54	1339/98/31/54	1401/97/32/52	823/83/31/53
LX7I	508/51/12/27	1052/80/24/53	1343/101/34/56	1246/90/31/54	623/77/29/46
IQ1RY	474/49/12/27	843/76/22/52	976/100/34/56	1090/91/30/56	613/80/32/46
LZ5R	457/53/13/21	929/79/23/50	923/90/31/54	1161/85/29/57	468/76/30/38
DO4W	470/51/12/22	672/82/26/44	974/101/33/54	1065/94/32/56	373/72/28/39

EUROPE MULTI-OP MULTI-TRANSMITTER

ES9C	744/56/14/16	1775/102/31/54	2471/113/36/56	2100/109/33/57	891/85/31/46
9A1A	741/53/13/25	1550/90/29/51	1916/108/36/57	1782/99/33/57	1066/89/34/55
IO9UI	656/56/14/28	1237/83/23/50	1859/101/32/54	1549/88/31/56	790/82/32/48
HA30S	662/60/13/27	1265/91/27/51	1205/104/34/55	1362/97/32/57	771/80/28/51
OH2K	65/24/4/0	808/67/22/39	1026/71/28/49	740/66/26/51	312/57/24/36

EA8AHM, EA8BEX, EA8CYQ, EA8BQM, EA8AXB, EA8RM) won Africa with 7.1M and KH7M set a new Oceania record with 4.1M.

Multi-Single Low Power (37). The VP9I team (ND8L, WW3S, K3GP) won with 3.2M, edging out S50W (S51MA, S51DI, S51NM, S51I, S52OP, S52GC, S57XZ) with 3.0M. Sandi, S52OP, built a low power “quadplexer” to use with their single 4-band Yagi. Eighty meters is covered with a wire dipole. DD1A (HB9BJL, DL3GA, DO5FM, DO1GAR, DL1II) was a close third with 2.9M, staffed with a number of younger contesters whose licenses restrict them to 100 watts. ZW8T (PS8BR, PS8HF) won South America with 731K and RX9SR won Asia with 442K. Club station IQ4RN took 8th with five (IZ4WBA, IK4PLK, IZ4WAS, IK4FMZ, IZ4AFJ) of their six members (leader IK4DCX) enjoying their first contest. This category is well-suited for developing new contesters in a team environment.

Multi-Two (27). The CR3A team (CT3BD, CT3DL, CT3DZ, CT3EE, CT3EN, CT3KY) won with 11.6M while P49X (W6OTC and W0YK) took second with 11.1M. Third-place W1UE (W1UE, W1UJ, K3JO, K5ZD) set a new North America record with 9.6M. ED1R (EA1AR, EC1KR, EA2CJ,

EA2CYJ, EA4TD, EA4AOC, EC4DX, DK7AH) won Europe for fourth place with 9.2M.

Multi-Multi (21). The two top teams both broke the World record: ES9C (ES2ADF, ES2ADO, ES2MA, ES2MC, ES4RD, ES5GP, ES5HTA, ES5JR, ES5QA, ES5RY, ES5TF, ES5TV, OH2BP, YL1ZF, YL2GQT, YL2KF, YL3AD, YL3DW) with 16.3M and HK1NA (HK1R, HK1T, HK1N, LU8EOT, HK6NVV, HK6F) with 15.2M for a new South America record. Third-place 9A1A (9A2DQ, 9A5DDT, 9A5E, 9A5W, 9A6A, 9A6TKS, 9A7C, 9A7R, 9A9A) also broke the prior European record, held by themselves from last year with 14.4M.

Clubs

Europe. Amongst the familiar top two clubs, the Bavarian Contest Club (BCC) prevailed with 104 logs and 68M over the Rhein Ruhr DX Association (RRDXA) with 58 logs and 61M. Third-place Ukrainian Contest Club (UCC) made 35M with its 31 logs.

United States. The Potomac Valley Radio Club (PVRC) pooled 39 logs for third in the world to win the US with 38M over Yankee Clipper Contest Club (YCCC) with 28 logs and 34M. The next three US clubs were very close to the fourth and fifth place DX clubs, all at 17-18M.

Plaques

At the time of publication we were still receiving confirmations of plaque sponsorships and winners. The current list is at <http://www.cqwwrtty.com/plaques.htm> and is updated as each sponsor commits to a plaque. Thank you to everyone who sponsors a plaque! A plaque can be sponsored for just about any category at the world or regional or country level. Take a look and think about a plaque you would like to

sponsor. You can have your pick of any one that is not already committed as a sponsor.

Logs

Log statistics were almost identical to 2011 and 2012. There were enough logs such that 86.7% of all QSOs were cross-checked and 97% of those QSOs were deemed good. 0.9% of all QSOs had busted (incorrect) callsigns and 0.5% of the QSOs had busted exchanges, either Zone or QTH. Another 1.6% were not found in the other station's log. Individual Log Check Reports (LCRs) are available upon request to w0yk@cqwwrtty.com where you can see how your log stacks up.

Website

The contest website www.cqwwrtty.com is a valuable resource for all aspects of the contest: rules (including language translations), log format, log submittal, historical statistics and results database (searchable for any entry, and



Ymanol, YW2LV (YV5YMA), winning SO QRP with simple dipole antennas 1700 feet above the Caribbean Sea.

geographical breakdown and all-time records).

Thanks

Thanks to all participants who, together, make this a fun weekend for everyone. Thanks also to the team of volunteers behind the scene who make it all possible:

- Gail, K2RED, Managing Editor of CQ, for all she does for the contests.
- Rules translators: Boyan, LZ2BE; Vasek, OK1VRF; Herman, ON4QX; Tapani, OH2LU; Fabi, VA2UP; Kostas,

SV1DPI; Kazu; JK3GAD/MØCFW; Marcos, PY2WS; Vlad, VE3IAE; Diana, XE2DN; and Hector, XE2K.

- Ken, K1EA, provides the log-check software and consulting during log check.
- Mark, K6UFO, laboriously typed in paper logs.
- Ray, ND8L, manages the CQ RTTY contest plaque program. (And a big thanks to Mike, K4GMH, who managed the plaque program for the past decade. It's a huge job and Mike well-deserves a break!)

• Barry, W5GN, manages the certificate printing and mailing.

• Randy, K5ZD, for his continual support on a wide range of issues.

For expanded results of the contest, including QRM, operators of multi stations, expanded tables, plaque information, and more, go to <www.cq-amateur-radio.com> and <www.cqwwrtty.com>. I look forward to seeing everyone again in the 28th annual CQ WW RTTY DX Contest on 27–28 September 2014. *73, Ed, WØYK*



Abdullah, HZ1BW, set a new Asia record to win 10 Meters QRP.

Table with columns for Country, Code, Value, and multiple columns of numerical data. Includes entries for Czech Republic, Denmark, England, Estonia, European Russia, European Turkey, Fed. Rep. of Germany, Finland, France, Greece, Hungary, Iceland, Ireland, Italy, and several other regional entries. Includes sub-sections like (Op: R4HZW), (Op: RN3TE), (Op: G3TBK), (Op: M5IRC), (Op: DK2DD), (Op: DH1OR).

Table with columns: Country, Code, Value, and other metrics. Includes entries for US3UK, UT2HM, USRXMM, USSE, etc.

Table for Wales: GW4SKA, GW4BLE, GW20TK, GW4MVA.

OCEANIA

Table for Oceania: Australia (VK3TDX, VK2PN, etc.), East Malaysia (9M6XRO), French Polynesia (F05QB).

Table for Hawaii (WH7W, WH7DX, etc.) and Indonesia (YB4IR, YB8ZH, etc.).

Table for New Zealand (ZL4NR) and Philippines (D1VJM, D1U/NDOM, etc.).

Table for Samoa (5W1SA) and South America (Argentina: LV5V, LT0H, etc.).

Table for South America (Bolivia: CP1FF, Bonaire: PJ4/G3TXF, Brazil: Z2ZT, PP5ZAP).

Table for Chile (CE3EA, CE3DNP, CE1RPW, etc.).

Table for Colombia (HK6RF, HK6P) and Curacao (PJ2/PD4JOF, PJ2/K8LEE).

Table for Ecuador (HC1JU) and Paraguay (ZP5YW, ZPE9H).

Table for Peru (O0AAI, O0AG) and Suriname (P25RA).

Table for Uruguay (CV5D) and Venezuela (YV5AAJ, YV5KAX, YV5T).

Table for QRP (YW2LV).

Table for K6HGK, K6HSD, K6JGL, etc.

Table for K6HSD, K6JGL, K6KGF, etc.

Table for K6HSD, K6JGL, K6KGF, etc.

Table for JA6VTK, JH3DMQ, JN5UE, etc.

Table for JA6VTK, JH3DMQ, JN5UE, etc.

Table for JA6VTK, JH3DMQ, JN5UE, etc.

ASSISTED NORTH AMERICA

Table for United States (N10D, KV1J, W2GS/5, etc.).

Table for United States (W2YC, W2ZTMC, NO2T, etc.).

Table for United States (AA3B, W3VF, W3LL, etc.).

Table for W4XMT, N4KG, N8PR/4, etc.

Table for W4XMT, N4KG, N8PR/4, etc.

Table for W4XMT, N4KG, N8PR/4, etc.

Table for United States (NSJR, K5KLA, W2GS/5, etc.).

Table for United States (N6RO, W1SRD/6, N6QO, etc.).

Table for United States (K6LL7, K7AR, W7WV, etc.).

Table listing call signs, frequencies, and power for various countries including Denmark, Finland, France, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Moldova, Netherlands, Norway, Poland, Portugal, Romania, Sardinia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, Venezuela, and Uruguay.

Table listing call signs, frequencies, and power for various countries including Argentina, Brazil, Chile, Colombia, Paraguay, Uruguay, and Venezuela.

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MULTI-OPERATOR SINGLE-TRANSMITTER HIGH POWER NORTH AMERICA

Table listing call signs, frequencies, and power for various countries including United States, Mexico, and other North American regions.

Canada					*WJ4N	1,274,639	1340	219	86	158	
VE3FJB	1,731,072	1669	214	75	103	*WN1G/4	75,750	205	80	55	67
						*W4CDA	19,352	110	48	29	41
Mexico					*ADS0W	487,275	707	161	73	131	
VE6AO	313,664	670	84	33	91	*KN55	29,520	127	45	31	47
4A1SG	283,140	511	111	48	101	*WQ6X	78,960	254	69	51	90
AFRICA											
Canary Islands					*KL7JRC	9,699	89	16	9	28	
EF8U	7,127,736	3625	359	114	223	Bermuda					
						*VP9I	3,236,751	2126	307	112	200
ASIA											
Asiatic Russia					*COOKEA	9,504	75	32	15	19	
RC9J	2,178,939	1978	249	79	71	Cuba					
RF9C	923,884	1005	202	61	63	*XE2AU	6,042	49	24	17	12
UA0AYA	1,715,385	1759	220	66	71	ASIA					
						*RX9SR	441,760	653	161	54	36
A60A	268,821	733	115	38	0	Japan					
						*J14UEN	279,450	439	123	55	47
EUROPE											
Croatia					*9A7B	47,124	197	90	29	7	
9A1Q3VO	308,904	579	126	48	70	EUROPE					
						*OK2RVM	635,050	863	185	68	72
Czech Republic											
OL3A	3,893,600	2536	322	112	186	England					
OK1KSL	3,026,511	2179	280	103	186	*G3YNN	25,344	109	50	29	20
OK7O	1,176,604	1031	193	86	163	Estonia					
						*ES10	401,030	862	156	55	27
G0BRC	1,195,844	1492	205	71	101	European Russia					
						*G3YNN	25,344	109	50	29	20
UA4M	4,856,456	3156	398	135	159	Fed. Rep. of Germany					
RM4I	3,510,421	2818	320	105	126	*DD1A	2,918,592	1888	339	120	189
RK3DXW	1,578,864	1545	227	87	130	*DF9DD	826,612	924	209	78	107
						*DK5TX	219,420	412	79	46	82
DR5N	4,700,358	2631	360	123	206	Finland					
DP9A	3,863,080	2291	372	124	184	*OH5HC	1,910,216	1473	311	106	122
DJ6QT	3,134,287	1826	353	129	201	Greece					
DK0EE	2,242,632	1549	310	107	171	*SX2AG	191,574	552	124	50	0
DK7ZT	918,120	924	227	86	127	Hungary					
OH8A	4,690,062	3042	363	123	177	*HA3KHB	302,840	509	150	66	52
OH8F	1,612,359	1543	246	85	118	Italy					
F8KGH	1,545,390	1466	220	84	158	*IO4RN	1,102,266	1140	193	82	143
HG7T	4,637,622	2871	313	118	207	*IK2OCF	74,328	212	87	39	26
TF2R	3,545,190	3160	258	82	155	Kaliningrad					
MDZ	7,592,534	3702	420	139	243	*RK2FWG	16,544	91	49	33	12
IO0EF	791,332	1025	210	72	80	Portugal					
IO2DN	685,482	707	190	80	129	*CSSCRE	2,349,189	2087	260	85	156
PI4Z	1,777,428	1435	257	91	161	Slovenia					
PI4TUE	516,816	546	194	86	108	*S50W	2,978,976	1904	358	125	189
LA1UKA	5,610	89	24	6	3	Spain					
3Z2X	5,291,886	2920	386	131	196	*ED2Y	999,776	1187	219	75	104
SN8N	1,704,024	1603	249	97	137	*EA3RCB	283,934	621	132	49	57
SP2KPD	602,276	938	171	61	57	Ukraine					
YR1A	5,748,429	3388	371	122	198	*UX4E	1,140,912	1278	234	92	91
						*UR4PWC	5,074	43	17	12	14
GM6NX	353,056	742	115	48	73	SOUTH AMERICA					
Y7AW	1,593,228	1229	298	112	136	*LU3DY	69,795	197	87	45	33
Y70WFF	433,424	808	156	55	52	Brazil					
						*ZW8T	731,129	948	178	67	102
OM3RRC	1,306,768	1242	186	77	161	Chile					
OM5M	598,920	760	150	57	103	*XR1Z	132,583	339	110	46	31
S59T	2,496	29	19	14	6	MULTI-OPERATOR					
EA1FCI	1,767,475	1663	235	88	152	TWO-TRANSMITTER					
EA5RCI	303,732	537	151	59	76	NORTH AMERICA					
						United States					
SJ2W	5,199,790	2814	392	129	209	W1UE	9,616,408	4798	441	136	241
UZ2M	6,807,906	3776	422	137	202	KITG	8,396,272	4432	414	136	222
UT7E	2,296,305	2130	261	95	139	WW4LL	6,011,760	3662	346	118	213
VK3VT	436,474	698	135	59	35	N7BV	2,397,120	2184	227	101	200
KH7M	4,120,272	2575	218	102	238	K9CT	8,357,888	4743	384	132	226
ZM1A	63,612	216	66	35	13	Alaska					
						KL2R	1,210,437	1237	168	75	138
						Cuba					
						CO0SZA	330,797	563	135	55	103
						Puerto Rico					
						NP3U	4,376,030	3160	280	103	207
						AFRICA					
						CR3A	11,759,480	5430	385	127	248
						ASIA					
						JH4UTP	1,925,960	1674	246	94	105
						Taiwan					
						BV60V	505,808	1043	132	50	20
						EUROPE					
						LZ5R	6,941,538	3938	383	126	220
						Bulgaria					
						G50	330,544	527	150	64	69
						England					

MULTI-OPERATOR SINGLE-TRANSMITTER LOW POWER NORTH AMERICA United States

*N3WZR 405,790 599 161 68 112