

Results of the 2014 CQ WW DX CW Contest

“... it will be hard to operate contests after this one, simply because it's hard to believe it will ever be better.” – Pat, N9RV

By RANDY THOMPSON*, K5ZD

The 67th edition of the CQ World Wide DX Contest CW competition, November 29-30, 2014, gave us two spins of the globe — 48 hours — to experience the world turning with our fellow competitors and DXers. We anxiously watched the clock and listened carefully for those magical moments around sunrise and sunset when you could literally hear the world turn.

With the possible exception of 160 meters, this year every band produced memorable conditions and extraordinary scores. The multi-multi team at NQ4I reported DXCC on 40 meters in just 3 hours and 21 minutes. They had 5BDXCC in less than 24 hours. Single Operator Assisted entrant Sig, N3RS, reported, “the conditions were the best I have witnessed in my 60 years of contesting — 5BDXCC as a single op.” Fellow Assisted competitor Chas, K3WW, also achieved 5BDXCC and averaged over 100 QSOs/hour for his 46 hours in the chair. Conditions and activity can't get much better than that!

We received 7,657 log entries this year — 200 more than last year and a new record. CW lives! Africa was the rarest continent with only 63 entries, followed by Oceania (109), South America (174), Asia (1235), North America (1971) and Europe (4105). With 53% of all entries coming from Europe, it explains why scores in the Northeast United States continue to climb.

Of course, the real attraction of CQ World Wide is the DX that is available. The received logs contained contacts with 212 multiplier entities; with six of these only worked once. Thanks to the following who were active to hand out their exotic multipliers: 3B9HB, 3D2KM, 4V1JR, 8Q7DV, A25DX, E51RAT, E6XG, EL2DT, ET3AA, HC2AO/8, HR2J, J79FC, JY9FC, KH8B, SØS, SUØERA, V55V, and YN2CC. There were even three entries from Antarctica.

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CQ WW CW 2014 on the Web

Highest rates by R5GA: <http://rate.r5ga.com/qso.php?contest=CQ-WW-CW&year=2014>

IIOc photo tour: <http://tinyurl.com/n7qv4yq>

PJ2T photo tour: <http://tinyurl.com/l6bzfvg>

PA3FYM 160 meter single band: <http://youtu.be/ckWXjZ4HMMs>

TC0A multi-two: <https://youtu.be/xy5f083RpJM>

NX6T station tour: <https://youtu.be/AVxC8B37B7Y>

ZW1M running stations: https://youtu.be/cJ6F2Lo_ncU

NR4M multi-multi: <https://youtu.be/hiGLILJjUxM>

E2X multi-single photo tour: <http://tinyurl.com/qbv79gz>



Scott, KØMD, started the contest in the U.S. and then traveled to Chile to operate as CE2/KØMD. (Courtesy of KØMD)

The DXpedition award for single operators went to Dima, RA9USU, who did a one-man expedition to 7O2A in Socotra Island in Yemen. The multi-op award went to three Indian operators who activated VU4KV. There were numerous comments after the contest about 7O being an all-time new one or the surprise of having a rare country like VU4 answer a CQ. 9Y4/VE3EY deserves an honorable mention because he flew to Trinidad alone and carried 170 pounds of gear for his operation. Losing power on the second day for almost six hours prevented him from reaching his scoring goals.

While most of us sit at home and experience faraway DX through our radios,

there were two operators who managed to submit entries from two continents. Gerben, PG5M, operated the first 30 minutes of the contest from Easter Island before he had to pack up his station. He was able to travel halfway around the world and work the last 30 minutes from his home in the Netherlands. Scott, KØMD, pulled a similar double by working from his home in Minnesota before jumping on a plane and getting in a few hours of operation from Chile as CE2/KØMD.

Single Operator All Bands

Eight of the Top 10 scores in the Single Operator All Bands category were from North America, with the other two from Asia (A71BX) and Africa (ZD8O). The top score was by Andy, N2NT, operating from V47T. It's not easy to be DX. In the three days before the contest, Andy and V44KAI “fixed everything that broke since last year; two Yagis, one rotator, two Beverages, one 160-meter vertical, one 80-meter delta loop, two amplifiers, one front door, one water barrel.” Second place went to Dave, K5GN, operating from the desert station of A71BX. Dave has been living in Qatar for the past few years and participating in multi-ops. He was thrilled to have this chance at doing a single operator effort.

Third place was from far north in Zone 2. Yuri, VE3DZ, repeated the 3,200-

kilometer (1,988-mile) roundtrip drive that he did just 30 days earlier for SSB to put in another effort for CW. He might have finished even higher, but slept three extra hours when he forgot to set the alarm on his cell phone.

It was a real battle for the top U.S. position. Alex, LZ4AX, operated from K3CR, logging 25 different hours with more than 100 QSOs on his way to a new all-time U.S. record. Two stations in Maine pursued Alex: Scott, KØDQ, operating from K8PO, and Doug, K1DG. All three were above 10 million points — a level that was unimaginable just a few years ago. Scott continues his elusive chase for the U.S. title by finishing second for the third consecutive year.

The top European score was also from the north, with Jukka, OH6LI, piloting OHØV to the win. The next three scores were very close with Tine, S5ØA, pulling ahead of

“Fantastic conditions and great activity allowed us to score our best result ever.” – DL1A

Mark, MØDXR, at G9W and Chris, GM3WOJ, at GD6IA. The top European score was number 34 in the world, illustrating the demographic challenge of having so much contest activity within the same continent and therefore earning just one point per contact. While the chance for a world high finish may be elusive, the competitive level in Europe is intense.

Single Operator All Bands Low Power is the most popular entry category with 1,614 logs. Fellow Frankford Radio Club members Bud, AA3B, and John, W2GD, battled it out for the top spot. Bud is establishing a dynasty with his 10th victory in 15 consecutive years of operating from V26K. John oper-

2014 WW DX CW TROPHY WINNERS AND DONORS

SINGLE OPERATOR ALL BAND

World
V47T (Opr.: Andy Blank, N2NT)
Donor: Vibroplex

World - Low Power
V26K (Opr.: Bud Trench, AA3B)
Donor: Slovenia Contest Club

World - QRP
PZ5AV (Opr.: Alan Higbie, K0AV)
Donor: Bob Evans, K5WA

World - Assisted
Randy Thompson, K5ZD/1
Donor: Robert McGwier, N4HY

World - Assisted- Low Power
4XØW (Opr.: Paul Young, K1XM)
Donor: Lyubomir "Leo" Slavov, OR2F

World - Assisted - QRP
DM2M (Opr.: Pit Schmidt, DK3WE)
Donor: Steve "Sid" Caesar, NH7C

USA
K3CR (Opr.: Alexander Avramov, LZ4AX)
Donor: Frankford Radio Club

USA - Low Power
Bob Raymond, WA1Z
Donor: North Coast Contesters

USA - QRP
David Leduc, N1IX
Donor: W3ZZ Memorial (Andy Blank, N2NT)

USA - Assisted
Chas Fulp, Jr., K3WW*
Donor: John Rodgers, WE3C

USA Assisted - Low Power
Keith Beebe, W3KB
Donor: LA9Z/LN9Z Leia Contest Club

USA - Zone 3
Bob Wolbert, K6XX
Donor: Central Arizona DX Association

USA - Zone 4
Steve London, N2IC/5
Donor: Society of Midwest Contesters

Europe
OHØV (Opr.: Jukka Klemola, OH6LI)
Donor: W3AU Memorial (Florida Contest Group)

Europe - Low Power
Remigijus Vaicius, LY8O
Donor: Tim Duffy, K3LR

Europe - QRP
Nick Kornev, RA3AN*
Donor: I4FAF Memorial (Sergio Cartoceti, I44AU)

Europe - Assisted
EA6FO (Opr.: Juan Luis Pla Nebot, EA5BM)
Donor: I4IND Memorial (Claudio Veroli, I4VEQ)

Europe - Assisted - Low Power
UW5Q (Opr.: Ruslan Chernyavskye, UR3QCW)
Donor: Alex Goncharov, R3ZZ

Africa
ZD8O (Opr.: Marko Mlylymaki, N5ZO)
Donor: K5KA Memorial (Ralph "Gator" Bowen, N5RZ)

Asia
A71BX (Opr.: David McCarty, K5GN)
Donor: W5PG Memorial (DFW Contesting Group)

Carib./C.A.
8P5A (Opr.: Tom Georgens, W2SC)
Donor: W5PG Memorial (DFW Contesting Group)

Carib./C.A. - Low Power
YN2CC (Opr.: Mike Kasrich, AJ9C)
Donor: Albert Crespo, NH7A

Oceania
KH7M (Opr.: James Neiger, N6TJ)
Donor: KH2D Memorial (Ken Hoppe, KH7R and Mani Albrecht, KH2FI)

South America
P4ØW (Opr.: John Crovelli, W2GD)
Donor: Dave Farnsworth, WJ2O

South America - Southern Cone (CE, CX, LU) - High Power
CE3CT (Opr.: Martin Monsalvo, LU5DX)
Donor: Dale Long, N3BNA

South America - Southern Cone (CE, CX, LU) - Low Power
Raúl Enrique Meier, LU1ICX
Donor: LU Contest Group

ASEAN (XZ HS XW XU 3W 9M 9V V8 YB YD) - Low Power
Bob Kupps, HS0ZIA
Donor: Bob Kupps, N6BK

Scandinavia (LA, OH, OZ, SM)
Leif Ottosen, OZ1LO
Donor: W3FYS Memorial (Chas Weir, Jr., W6UM)

Baltic (ES, LY, YL)
Andrius Ignatas, LY7Z
Donor: LY2OO Memorial (Lithuanian Radio Sports Federation)

Canada
VE2IM (Opr.: Yuri Onipko, VE3DZ)
Donor: John Sluymer, VE3EJ & Jim Roberts, VE7ZO

Russia
Gena Kolmakov, UA9MA
Donor: Roman Thomas, RZ3AA

Japan
Masaki Masa Okano, JH4UYB
Donor: Phil Yasson, AB7RW

Japan - Low Power
Nobuhiro Iwasa, JH8SL5
Donor: Western Washington DX Club

SINGLE OPERATOR, SINGLE BAND

World - 28 MHz
PX2A (Opr.: Luciano Berloffo, PY2YU)
Donor: Joel Chalmers, KG6DX

World - 21 MHz
FY5KE (Opr.: Laurent Haas, F6FVY)
Donor: Lew Sayre, W7EW

World - 14 MHz
CS2C (Opr.: Jiri Pesta, OK1RF)
Donor: W2JT Memorial (North Jersey DX Assn.)

World - 7 MHz
Pal Vrbovszki, HA8JV
Donor: Alex M. Kasevich, 8R1A

World - 3.5 MHz
CR2A (Opr.: Martti Laine, OH2BH)
Donor: Fred Capossela, K6SSS

World - 1.8 MHz
Omari Odoshashvili, 4L5O
Donor: Kenneth Byers, Jr., K4TEA

USA - 28 MHz
John Carioti, K2ZJ
Donor: dxcoffee.com

USA - 21 MHz
Carl Kratzer, K3RV/4
Donor: Bob Naumann, W5OV

USA - 14 MHz
Brian J. Edward, N2MF
Donor: Northern Illinois DX Association

USA - 7 MHz
Don Karvonen, K8MFO
Donor: W6AM Memorial (Jan Perkins, N6AW)

USA - 3.5 MHz
Steven Sussman, W3BGN
Donor: Bill Feidt, NG3K

USA - 1.8 MHz
Jeffrey T. Briggs, K1ZM
Donor: Jeff Briggs, K1ZM

Europe - 28 MHz
Horvat Zvonko, 9A3TR
Donor: Jay Pryor, K4OGG

Europe - 21 MHz
Darko Martincevic, 9A5X
Donor: Bob Naumann, W5OV

Europe - 14 MHz
OH8X (Opr.: Pasi Luoma-Aho, OH6UM)*
Donor: G3FXB Memorial (Maud Slater)

Europe - 7 MHz
Vojislav Kapun, YU7AV
Donor: Ivo Pezer, 9A3A

Europe - 3.5 MHz
Toomas Soomets, ES5RY
Donor: K3VW Memorial (Frankford Radio Club)



Ralph, N5RZ, and Larry, K5OT, are a picture of concentration at the K5TR multi-single. (Courtesy of K5TR)

ated P4ØW in Aruba and finished second. Their scores would have placed sixth and eighth in the High Power listings.

The top U.S. Low Power score and third place overall went to Bob, WA1Z, operating from his modest home station in New Hampshire. "I was able to run effectively almost the entire contest, with the exception of the few hours just before our local sunrise. Had eight consecutive 100+ hours during the day on Saturday between the two radios." Bob demolished the old U.S. record set by N1UR in 2013. Second place finisher Marv, N5AW, was also excited by conditions. "Last year I set the U.S. 5th call area low power record with 3.7

Europe - 1.8 MHz

Silvo Knuplez, S51V*

Donor: Pat Barkey, N9RV & Terry Zivney, N4TZ

Asia - 21 MHz

A45XR (Opr.: Krzysztof Dabrowski, SP5EXA)

Donor: Coconut Wireless Contest Club

Asia - 14 MHz

Vakhtang Mumladze, 4L8A

Donor: W5FO Memorial (Ralph "Gator" Bowen, N5RZ)

Carib./C.A. (21 MHz)

Eduardo Somoano Cremati, CO8LY

Donor: David Hodge, N6AN

Canada (7 MHz)

Dave Goodwin, VE3AAQ

Donor: John Sluymer, VE3EJ

Japan - 21 MHz

Akito Nagi, JA5DQH

Donor: Bob Wilson, N6TV

Japan - 14 MHz

Syuichi Sato, JA7FTR

Donor: Chris Terkla, N1XS

China (28 MHz)

Guang Yang, BA8AG

Donor: LZ9W Contest Team

OVERLAY CATEGORIES

World - Classic

P49Y (Op.: Andrew L. Faber, AE6Y)

Donor: Pete Smith, N4ZR

U.S.A. - Classic

Peter H Briggs, K3ZM/4

Donor: CWops

World - Rookie

Philipp Springer, DK6SP

Donor: CWops

U.S.A. - Rookie

Mark Trivette, W4TTM

Donor: CWops

MULTI-OPERATOR, SINGLE TRANSMITTER

World

P33W (Oprs.: LY4AA, RA2FA, UA2FZ, RV1AW, UA4FER,

RW4WR, RA3AUU)

Donor: North Pole Contest Group

World - Low Power

HI3A (Oprs.: HI3A, WP3A, HI3AA, HI3LFE, HI3TT, HI3CC)

Donor: CQ Magazine

U.S.A.

K8AZ (Oprs.: W3YQ, K8AZ, K8BL, K8MR, K8NZ, K8PP,

KQ8M, W8CAR, W8WVW, WB8K, WT8C)

Donor: Douglas Zwiebel, KR2Q

Africa

CR3A (Oprs.: CT1BOH, OM3RM, 9A3XV, 9A4M, OM2VL, OM3BH, OM3GI, OM7JG)

Donor: Harry Booklan, RA3AUU

Asia

RM9A (Oprs.: RA9AA, RG9A, RK9AMG, RL9A, RN9A, RN9CM, RO9A)

Donor: Steve Merchant, K6AW

Carib./C.A.

ZF1A (Oprs.: K6AM, N5DX)

Donor: Kansas City DX Club

Europe

4O3A (Oprs.: 4O3A, 4O4A, 4O6Z, 4O9IT, 4O9TT, 9A3A, E70A, E77W, ES2RR, ES5TV, YO9GZU, YU1EA, YU1EW, YU1JW, YU1YV, YU1ZZ)

Donor: Bob Cox, K3EST

Oceania

AH2R (Oprs.: JI3ERV/NH2C, JR7OMD/WI3O, JE8KKX/AH2K)

Donor: Junichi Tanaka, JH4RHF

South America

PJ4Q (Oprs.: PJ4NX, W4PA, WF7T, S53R, PJ4DX)

Donor: Araucaria DX Group

Canada

VE3EJ (Oprs.: VE3EJ, VE3EK, VE3MM, VE3TA)

Donor: Eastern Canadian DX Assn.

Japan

JA1BPA (Oprs.: JA1BPA, JG1VGX, JI1ACI, JM1LPN)

Donor: Madison Jones, W5MJ

ASEAN (XZ HS XW XU 3W 9M 9V V8 YB DU)

E2X (Oprs.: E20HHK, HS0ZLB, HS4DDQ, HS6RMT, HS6NDK, HS4LKW)

Donor: Bob Kupps, N6BK

MULTI-OPERATOR, TWO-TRANSMITTER

World

CR3L (Oprs.: DH5FS, DJ0IF, DJ0ZY, DJ7IK, DL1CW, DL5AXX, DL8JJ)

Donor: Array Solutions

U.S.A.

NQ4I (Oprs.: NQ4I, VE3CX, VE7ZO, W4IX, N4XL, KM4HI)

Donor: Robert Kasca, S53R

Europe

TM6M (Oprs.: F1AKK, F8CMF, F8DBF, F8FKJ, HB9CAT, F5TTU)

Donor: Aki Nagi, JA5DQH

MULTI-OPERATOR, MULTI-TRANSMITTER

World

CN2AA (Oprs.: R3FA, R7LV, RA3CO, RD1A, RL3FT, RM2U, RM9I, RN2FA, RV3MA, RW1A, RW7K, RX3APM, UA2FB, UA2FF, UA2FM, UA3AB, UA3ASZ, UA3EDQ, RN1AM)

Donor: K2GL Memorial (The K2GL Operators)

U.S.A.

K3LR (Oprs.: K3LR, K3UA, G4TSH, N2NC, W2RQ, N3SD, KL9A, N6MJ, N6TV, N6AN, N3GJ, VE3RA)

Donor: N6RJ Memorial (Bob Ferrero, W6RJ)

Europe

9A1A (Oprs.: 9A9A, 9A5W, 9A6A, 9A7R, 9A4WW, 9A2DQ, 9A5E, 9A8A, 9A2EU, 9A7TM, 9A9AB, 9A6M, 9A2WJ)

Donor: Finnish Amateur Radio League

Africa

3B8MU (Oprs.: G0CKV, M0CFW/JK3GAD, OH1VR, OH2KI, W6NV)

Donor: EA9EO Memorial

Asia

9K2HN (Oprs.: 9K2HN, AA7A, G3XTT, G4FON, G4IRN, KC7V, N4QS, N7CW, W6RGG)

Donor: Nodir Tursun-Zade, EY8MM

Oceania

KH7XX (Oprs.: WH6R, KH6SH, KH6NX, KH6FP, KH7U, AH0A, KH6U, N2NL)

Donor: JA9SSY Memorial (Tack Kumagai, JE1CKA & Masa Sakurada, JR2GMC)

CONTEST EXPEDITIONS

World Single Operator

7O2A (Opr.: Dmitry Zhikharev, RA9USU)

Donor: Friends of Phil Goetz, N6ZZ

World Multi-Operator

VU4KV (Oprs.: VU2BGS, VU2CDP, VU2PTT)

Donor: Carl Cook, A16V Memorial

SPECIAL AWARDS

World SSB/CW Combined

Tom Georgens, W2SC
29,325,286

Donor: Hrane Milosevic, YT1AD

World RTTY/SSB/CW Combined

Yuri Onipko, VE3DZ
24,280,648

Donor: Rudy Bakalov, N2WQ

Combined SSB/CW Score 160 Meters

Yuri Onipko, VE3DZ
26,623,135

Donor: Team IB9T/IR9Y - IT9ZGY Memorial

CLUB

World SSB/CW

Yankee Clipper Contest Club
558,926,688

Donor: John Rodgers, WE3C

Non-USA SSB/CW

Bavarian Contest Club
401,499,558

Donor: Northern California Contest Club

* Second Place

Meg and ... thought it would be hard to match it. Can't believe I beat it by over a million points!"

The Low Power winner for Europe, and eighth place overall, was Remi, LY8O. Remi put in the full 48 hours and summed it up this way: "Nice conditions, high activity, not any technical problems here — fantastic weekend." Bjorn, LB1GB, made his first-ever entry in Low Power and finished second.

Single Operator Single Band

Great band conditions present opportunities for new records to the single band entrants. The top single band score of all was on 15 meters. FY5KE, operated by Laurent, F6FVY, surpassed the world record score set by ZD8Z (N6TJ op.) back in 1997. Krzysztof, SP5EXA, at A45XR, the second place finisher on 15 meters, broke the Asian record that had stood since 1999. K3RV/4 continued the record run by finishing third and raising his own U.S. record set just last year. The top European score on 15 meters was by Darko, 9A5X.

The most popular single band category was 10 meters. Luciano, PY2YU, piloted PX2A to the top spot. Krassy, K1LZ, visited the Canary Islands scouting for a new contest location. He operated Field Day style as EA8/K1LZ and braved some difficult weather conditions to take second place. Ivan, OM3CGN, visited SU9IG and used the call SUØERA to take third. He made a lot of people happy with the zone 34 multiplier. The European winner was Zvonko, 9A3TR, just a few points ahead of Slobodan, YT9A. John, K2ZJ, easily outpaced all other U.S. entries on the band.

Jiri, OK1RF, operated from CS2C to win 20 meters and break the 14-year-old European record. Vakhtang, 4L8A, set a new Asian record with his second-place finish. The top U.S. finisher was



An over the shoulder view of the K5TR multi-single with Larry, K5OT, (left) and Ralph, N5RZ, operating. (Courtesy of K5TR)

Brian, N2MF, who just crawled past the record set by K2WK way back in 1998.

It was a very close race for the world high score on 40 meters. Pal, HA8JV, worked all 40 zones from his nice farm in southeast Hungary for the win. Vojislav, YU7AV, was only 5,000 points behind in second. Dave, VE3AAQ, borrowed the station of VE3FU to finish third and set a new Canadian record score. Don, K8MFO, snuck in some operating between his work selling Christmas trees to have the high U.S. score.

Marti, OH2BH, escaped the cold and darkness of Finland to enjoy the world high score for 80 meters from his station — CR2A — in the Azores. Tom, ES5RY, borrowed the ES5TV station to put up the second place score. He reported the first day was good, but aurora dampened conditions on the second day. Steve, W3BGN, nailed down the top U.S. spot.

By all reports, 160 meters was the band that did not match the fantastic conditions of the other bands. The first night had some DX, but it was difficult. The second night was much better for those who stuck it out. Omari, 4L5O, used the three points-per-QSO advantage of his Asia location to have the world high score. Silvo, S51V, was tops in Europe over OK2W, operated by Karel, OK2WM. Jeff, K1ZM, operated from his place on Cape Cod to win the U.S.

There were some very nice efforts among the Low Power single band entries as well. Alan, G3XAQ, posted the top 10-meter score from 5X1XA. A call that caused confusion was the 10-meter single band entry 5KØA operated by Tim, LW9EOC. Over 500 of his 2,500 contacts incorrectly logged his callsign as HKØA! Eduardo, CO8LY, was very pleased to have the top score



The operators at 4O3A celebrate the end of the contest and a new European record in the Multi-Single category. (Courtesy of 4O3A)

"I will remember this contest for a long time." – VA7ST

on 15 meters. Twenty was a bit of a surprise with the top score going to a U.S. station. Robert, KØKR, operated from K7KU in Wyoming, using a single 5-element monobander on a 44-foot boom at 130 feet. Emilio, IZ1GAR, used his K3 and a dipole to rack up the top score on 40 meters from the "African Italy" multiplier as IH9R.

Single Operator Assisted

For Assisted operators, the DX Cluster window becomes a siren, luring them away from their run frequency and on to the rocks of yet another DX pileup. The world high score for the High Power category went to Randy, K5ZD/1. He just missed making 5,000 QSOs while still finding 697 country multipliers. Randy's score raised the U.S. category record by nearly 20%. Alex, KU1CW, traveled to P4ØC and enjoyed the beach and the high rates, but avoided the siren call of multipliers a bit too much and finished second. Chas, K3WW, entered the "single op distracted" category for the 26th consecutive year and finished in third. Juan, EA5BM, visited EA6FO to take the top European score and fourth place overall.

The Low Power standings were led by two traveling ops. The category winner was Paul, K1XM, who visited Israel to operate as 4XØW. He and his host, Ilya, 4Z1UF, battled through a number of antenna issues to get ready for the contest. Paul admitted that he spent too much time chasing multipliers, but it turned out to be a winning strategy. Alan, N3AD, visited Ed, VP9GE, in Bermuda to finish second as VP9/N3AD. In spite of 600 more contacts than Paul, it wasn't enough for Alan to overcome a deficit of 120 multipliers. Third place finisher 4KØCW made a lot of people happy by giving out the 4K multiplier.

The top European score was by Ruslan, UR3QCW, using his contest call UW5Q. He had the highest multiplier total of any Low Power entry. Dez, G3WW, operated as M6W to finish second. Keith, W3KB, achieved DXCC on four bands en route to winning the U.S. title. Michael, N1EN, worked 143 different country multipliers on his way to second place in the U.S.

There was some nice High Power Assisted single band scores as well. Lucas, LU1FAM, was behind the winning LO2F callsign on 10 meters.

2014 CQ WW DX CW TOP SCORES

WORLD SINGLE OP HIGH POWER All Bands		SINGLE OP ASSISTED HIGH POWER All Bands		MULTI-OP SINGLE-TRANSMITTER High Power		7 MHz	
V47T (N2NT)	13,548,784	K5ZD/1	12,768,365	P33W	31,772,672	K9UIY	163,584
A71BX (K6GN)	12,827,349	P40C (KU1CW)	11,085,536	CR3A	30,419,487	N4PSE	110,210
VE2IM (VE3DZ)	12,326,784	K3WW	10,827,208	RM9A	18,356,156	W09S	105,203
8PSA (W2SC)	11,719,915	EA6FO (EA5BM)	10,059,179	403A	18,303,516	3.5 MHz	
K3GR (LZ4AX)	10,871,028	N3RS	10,023,950	PJ4Q	18,244,447	NS3T	73,260
VY2TT (K6LA)	10,609,998					WB4AAA	63,300
						KD3HN	16,368
						1.8 MHz	
						WD8DSB/9	3,424
						SINGLE OP ORP All Bands	
						N1IX	1,257,515
						N7IR	927,350
						W6JTI	829,864
						N1TM	806,891
						K78K	756,450
						W6JTI	511,170
						28 MHz	
						K1SX	52,461
						WC30	31,914
						KM6Z	26,936
						21 MHz	
						K0FLY	147,506
						W4G6V	56,144
						N4AU	40,204
						14 MHz	
						NK3U/4	97,635
						N8ET	67,850
						K0MP/7	10,696
						7 MHz	
						N2JNZ	29,400
						NE6M	4,640
						3.5 MHz	
						W1TW	4,644
						SINGLE OP ASSISTED HIGH POWER All Bands	
						K5ZD/1	12,768,365
						K3WW	10,827,208
						N3RS	10,023,950
						AB3CX/2	8,527,112
						K1AR	8,510,684
						28 MHz	
						N4BP	774,324
						W8AV	701,250
						W7RN (N7MH)	669,683
						21 MHz	
						N1LN/4	902,373
						N7DD	818,125
						N4PW	805,350
						14 MHz	
						K4XS	1,366,796
						K4L/8	496,300
						W4UAT/6	200,550
						7 MHz	
						K9GS	791,109
						K7NJ	453,908
						K9NR	342,440
						3.5 MHz	
						W1QS	209,280
						KU5B	163,212
						W3NO	150,930
						1.8 MHz	
						W8TOP	34,030
						N7GP (N5IA)	22,500
						AG4W	16,048
						SINGLE OP ASSISTED LOW POWER All Bands	
						W3KB	3,859,200
						N1EN	3,232,766
						WB4AHZ	3,082,040
						K3IE/4	2,965,201
						K51J	2,837,898
						28 MHz	
						W2AW (N2GM)	413,100
						WB2AA	212,155
						KC0DEB	157,242
						21 MHz	
						WA1S/4	348,786
						W5Z0	288,585
						14 MHz	
						W8IQ	172,360
						W3IQ/8	99,360
						K2RK/3	88,011
						7 MHz	
						WA1FCN/4	184,841
						AB9VC	64,044
						NOVD/5	41,118
						3.5 MHz	
						AA4LR	6,674
						K2BB	1,920
						1.8 MHz	
						W7RH	8,280

Joining Krassy on the mountaintop was Alexey, EA8/RA1A, operating his way to the top 15-meter score. EA8AH (op. Jyrki, OH6CS) and VE6JY (op. Todd, VE5MX) were the only Assisted single banders to beat the top unassisted score of CS2C. Oleg, YL3DW, was a beacon from ES5OW and far ahead of all other 40-meter entries. OM2Y (Jan OM2IB) and UI, YL3FX, both exceeded 2000 contacts and DXCC on 80 meters.

All of the winning Single Op Assisted Low Power entrants were able to have higher scores than the top non-assisted entry in their category. Notable scores include MW5R (Anton, MW0EDX), who set a new European record for 40 meters. Mohamed, CN8KD, set a new World record for 15 meters.

QRP

The 499 QRP category entrants really enjoyed the great conditions. The top of the All Bands category was a virtual tie between PZ5AV and GJ2A with just 2,000 points separating them. Alan, KØAV, visited PZ5RA with the intention of doing a full 48-hour operation. However, a medical condition caused him to cut short his effort at only 30 hours. Even so, it was enough for the victory. U.S. QRP winner David, N1IX, summed up his operation as "the best conditions that I have ever experienced."

The top QRP single band score was on 40 meters by Didier, FY5FY, operating from the FY5KE location. He enjoyed using a 3-element Yagi at 30 meters and a 2-element Yagi at 20

meters to set a new World record. On 15 meters, ES5G was Gary, WS4T, using ES5TV's 40-element, 15-meter H-frame Yagi plus fixed Yagis for NA, JA, and EU. Wow. Both of these efforts show what big antennas can do for a QRP signal.

Over in the Assisted QRP All Bands category, the competition was even tougher with three scores over 2 million points.



Tonno, ES5TV, and Tibi, YO9GZU, running on 20 meters from European Multi-Single champion 4O3A. (Courtesy of 4O3A)

SINGLE OP ASSISTED QRP All Bands	N4AF 3,890,832 N8II 3,519,858	14 MHz	HA60A 286,720 OH5TS 232,227 RA3UAG 195,285	SN2M (SP2XF) 865,605 UW1M 850,445	SINGLE OP ASSISTED QRP All Bands	YU1Q 24,384 9A3DML 15,150	
28 MHz	K1BX 2,691,584 K1HT 1,606,458 K2LNS/3 1,223,405	7 MHz	SP6OJE 365,712 E79D 275,504 EV6Z 196,298	21 MHz	DM2M (DK3WE) 2,346,546 RA3AN 1,441,892 OK2FD 1,221,831 OK7CM 962,676 LZ5W (LZ1YE) 905,826	3.5 MHz	HA5NB 22,743 S53AR 12,593
14 MHz	OH0V (OH6LI) 7,393,869 S50A 6,652,163 G9W (M0DXR) 6,576,280 GD6IA (GM3W0J) 6,533,208 Y76V 6,410,485	3.5 MHz	UA1AFT 108,300 OK2HBR 97,754 YU1ED 95,160	14 MHz	S04M (SP5UAF) 1,104,470 OH8L (OH8LD) 1,042,782 OM0M 972,426	28 MHz	MULTI-OP SINGLE TRANSMITTER High Power
7 MHz	9A3TR 835,214 Y79A 804,784 OL2N (OK1FDR) 708,660	1.8 MHz	E75A 28,680 ER2RM 21,090 OM3T5Z 20,001	7 MHz	EA4KR 332,506 YT8T 140,954 ES1CW 88,125	21 MHz	4O3A 18,303,516 OM7M 16,941,392 IR4M 15,945,594 9A1P 15,655,000 SJ2W 14,184,296
MULTI-OP SINGLE TRANSMITTER HIGH POWER	K8AZ 13,478,652 K5TR 11,388,195 K2QMF 9,789,661 AA9A 8,044,407 N2TX 7,849,090	28 MHz	SINGLE OP QRP All Bands	3.5 MHz	ES5OW (YL3DW) 1,300,328 LY2FN 872,320 SS2AW 858,690	14 MHz	EA2EA 437,912 F/E72T 275,139 F1EBN 145,834
MULTI-OP SINGLE TRANSMITTER LOW POWER	N3ND/4 4,204,054 W0DLE 2,965,185 NM1C 1,575,040 W3HAC 653,252 K7RI 597,699	21 MHz	GJ2A (MJOASP) 2,699,165 RT4W 1,382,612 UC7K 798,045 HG6C (HA6IAM) 795,278	7 MHz	OM2Y (OM2IB) 502,502 YL3FX 498,365 DM7C 459,600	14 MHz	Y70A 5,721,120 LZ4T 3,533,708 DL0UM 2,430,768 YR5N 1,828,288 3Z1K 1,387,463
MULTI-OP TWO TRANSMITTER	NQ4I 19,231,056 K9CT 18,595,010 K2LE/1 13,851,288 N0NI 13,603,625 KN50 10,813,712	14 MHz	LZ2RS 157,380 SP5DDJ 97,580 HA3HX 65,065	1.8 MHz	8S0DX (SM0DSG) 149,634 PA3FYM 138,047 9A5Y (9A3LG) 128,856	7 MHz	MOVAA 127,734 SP9NSV 99,283 EA3QP 17,250
MULTI-OP MULTI-TRANSMITTER	K3LR 37,486,260 W3PL 33,814,900 W2FU 32,753,084 W3C0 31,039,333 WK1Q 23,177,098	7 MHz	ES5G (WS4T) 204,183 OH2BR 123,375 SP4JFR 106,821	SINGLE OP ASSISTED LOW POWER All Bands	UW5Q (UR3OCW) 4,250,042 M6W (G3WW) 3,983,082 OR2F (ON8LDS) 3,956,750 UX4U (US7UX) 3,866,572 G4PIQ 3,769,275	3.5 MHz	OL4W (OK1IF) 77,550 UT3L (UR5LO) 58,344 Y08WW 31,360
ROOKIE OVERLAY HIGH POWER	K5MXG 292,941 K5WL 35,464	3.5 MHz	US5VX 130,260 UA1ATD 30,680 USSEFU 22,646	21 MHz	PA1CC 543,864 9A7DX 505,648 I0UZF 496,272	14 MHz	HA7I (HA7JTR) 29,799 DJ7WW 19,089 RU3KO 6,624
ROOKIE OVERLAY LOW POWER	W4TTM 590,274 AE0EE 405,588 AC2KJ 161,120	1.8 MHz	DR3W (DL6MHW) 99,510 OK2VWB 91,575 RT5R 56,079	7 MHz	LY5T (LY2KZ) 570,190 UX1AA 555,616 OL5W 481,390	SINGLE OP QRP All Bands	ROOKIE OVERLAY High Power
CLASSIC OVERLAY HIGH POWER	K3ZM/4 3,980,064	3.5 MHz	YU1Q 24,384 9A3DML 15,150 OK8EYJ 9,635	14 MHz	HA3DX (HA3UJ) 517,937 OL9R (OK6RA) 501,176 OH2BV 425,604	21 MHz	OK2SFP 236,872 SV1RHL 36,010
		1.8 MHz	HA5NB 22,743 S53AR 12,593 R7NA 5,450	7 MHz	MW5R (MW0EDX) 779,034 9A3JH 478,101 YUZA 441,000	14 MHz	DK6SP 1,027,185 DL3RHN 528,736 CR7AJL 496,160
		SINGLE OP ASSISTED HIGH POWER All Bands	EA6FO (EA5BM) 10,059,179 SN7Q (SP7GIO) 9,415,258 UW2M (UR0MC) 8,965,243 CR6K (CT1ILT) 8,939,502 S53MM 7,522,119	3.5 MHz	LY3B 200,298 ER3AU 152,190 LZ2SC 151,760	21 MHz	CLASSIC OVERLAY High Power
		28 MHz	UA2FL 437,220 M60 (G3WGN) 369,600 UY50Q 316,948	1.8 MHz	SV2JAO 53,728 UA3MIF 39,848 EU2EU 38,934	7 MHz	DL1A0 3,150,030 GM5X (GM4YXI) 3,084,480 Y75A (Y73W) 2,960,282 SE0X (SM0MDG) 1,613,628 LY4T 1,603,134
						Low Power	OK1CZ 1,080,596 EA2NN 1,068,660 LN7TIT (LA5LJA) 954,030 OK1TA 931,675 DL5KUD 913,308

Pit, DK3WE, operated as DM2M, using a very simple antenna setup and 44 hours in the chair to take the victory and break the European record from 2001. Richard, VE3KI, put in a strong effort to finish just ahead of the U.S. winner, Mark, N2QT/4. Gary, N7IR, had a personal best score and set a new record for Zone 3.

The QRP Assisted single band scores were excellent. Julio, EA4KR, set a new European record on 10 meters. Jose, EA2EA, more than doubled the world record on 15 meters. Laszlo, HA7JTR, operated HA7I to a new World record on 160 meters.

Overlay Categories

There were 66 entries in the Rookie Overlay category this year. The high score was by Philipp, DK6SP. Philipp is 17 years old and he has been licensed for just two days less than the 3-year cut off. Second place went to Mark, W4TTM, another "experienced" rookie in his last year of eligibility for the category.

The Classic Overlay is gaining in popularity with 517 entries in only its second year. Classic entrants may only use one radio, no DX Cluster, and count only their first 24 hours of operating time for their score. Petr, OK1CZ, expressed his feelings, "the new Classic category is most welcome, allowing one to be able to sleep and do other chores during the weekend and feel OK after the contest."

In the Classic High Power category, it was Andrew, AE6Y, enjoying a family vacation in Aruba and operating as P49Y. Marko, N5ZO, was doing a full-on single operator effort from ZD8O, but his score in the first 24 hours put him in second place. After finishing second in the U.S. for SSB, Peter,

"DXCC on 10 meters in a weekend with a 10 meter dipole only 8 feet above the ground is not bad." – N17R

K3ZM/4, made it to the top on CW just ahead of Howie, N4AF. Howie had this comment on his experience, "my first time [doing] Classic. I think [the] format is a real winner and really appreciate there being a class where the participant must actually use human skills as opposed to point-n-click." The best European score was from WRTC2014 bronze medalist Stefan, DL1IAO.

The Classic Low Power title went to John, W2GD, operating at P4ØW; some consolation after finishing second in the traditional Low Power category. Art, K1BX, put in exactly 24 hours to finish second overall and first in the U.S. DL7VOA enjoyed 27 hours out of his holiday to operate J34O for third place.

Multi-Operator Single-Transmitter

The Multi-One category continues to be the "Formula 1" of ham radio. Only those teams with the most technology and operating skills can compete for a place on the podium. Led by RA3AUU, a team of seven operators practiced a sophisticated dance of running and in-band QSO chasing to earn the victory. The second-place finisher, just a few points behind, was an all-star crew of WRTC2014 competitors led by CT1BOH. In third place, and with the new European record that was their goal, was team 4O3A. They credited the experience from their SSB operation with helping to refine the station, operators, and strategy. The team at 9A1P reported working 2581 in-band QSOs yet could only finish fourth in Europe.

2014 CQ WW DX CW BAND-BY-BAND BREAKDOWN—TOP ALL BAND SCORES

Number groups indicate: QSOs/Zones/Countries on each band

WORLD SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
V47T	169/13/35	788/20/82	1632/29/98	1897/33/103	1606/36/110	1680/30/99
A71BX	263/15/53	458/24/74	1559/31/89	1067/30/92	1444/34/107	1822/36/114
VE2IM	197/11/25	926/27/85	1634/30/98	1510/34/110	1278/30/100	1544/30/103
8P5A	266/12/42	657/21/70	1351/29/87	1474/32/96	1296/30/95	2170/34/107
K3CR	72/15/44	552/23/81	1323/33/107	966/35/105	1074/34/108	1265/34/104

WORLD SINGLE OPERATOR ASSISTED ALL BAND

K5ZD/1	106/17/62	499/24/96	1155/39/126	1093/38/142	1135/37/138	1005/35/133
P4ØC	54/6/10	486/21/72	1372/30/100	1204/34/88	1043/31/86	2083/32/106
K3WWW	96/15/60	303/26/98	983/35/120	1265/37/136	898/33/117	1159/31/118
EA6FO	102/11/54	215/23/86	1401/40/132	1369/39/131	1315/39/137	1120/39/140
N3RS	73/16/49	356/30/101	820/38/129	963/37/134	846/36/124	974/34/138

WORLD MULTI-OPERATOR SINGLE TRANSMITTER

P33W	422/15/76	1352/36/116	2067/40/144	2011/39/156	2329/39/160	2773/38/162
CR3A	121/13/78	784/29/108	1984/39/144	2592/39/154	2223/40/162	2646/40/163
4O3A	286/18/85	1192/34/118	2272/39/147	1741/38/151	1750/39/155	1947/39/155
PJ4Q	57/11/35	422/25/88	1860/31/112	1800/38/133	1568/35/139	1897/33/140
RM9A	305/13/62	1096/28/103	1960/39/145	1557/38/151	1161/37/148	1021/34/144

WORLD MULTI-OPERATOR TWO TRANSMITTER

CR3L	387/16/70	1777/25/107	3359/38/136	1926/37/151	3564/39/157	2561/35/140
PJ4A	256/17/39	1208/28/94	2768/35/121	2631/38/132	3155/37/127	2388/32/101
PJ2T	344/19/56	1019/24/93	2803/33/121	1936/36/123	3214/36/123	2595/32/119
VE3EJ	412/24/75	1278/30/107	2330/38/135	1683/39/141	2270/38/145	1238/32/131
PW7T	1/1/1	614/23/95	1957/35/123	1826/38/141	2680/39/150	1974/36/136

WORLD MULTI-OPERATOR MULTI-TRANSMITTER

KN2AA	1470/24/94	2840/35/120	4357/40/150	5704/39/161	4457/39/166	4631/40/167
HK1NA	672/19/56	1673/28/102	3316/37/127	3695/39/152	3257/39/154	2891/38/134
9K2HN	889/17/64	2231/30/103	2944/39/128	3721/39/153	2668/39/145	2718/39/145
K3LR	389/23/80	1534/35/120	2823/40/150	3370/39/165	2664/38/161	2078/40/164
PJ2T	824/20/77	1163/28/96	3122/34/122	3277/39/141	3097/39/153	2472/38/142

USA TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
K3CR	72/15/44	552/23/81	1323/33/107	966/35/105	1074/34/108	1265/34/104
KØDQ/1	211/14/56	539/20/80	1158/33/103	1236/32/105	960/31/99	1011/29/100
K1DG	232/17/62	520/18/73	1156/30/99	945/36/105	780/30/102	1268/33/110
W1KM	104/13/45	683/23/84	1088/30/91	1014/32/98	965/30/89	1185/27/89
K1TO	64/15/36	503/20/71	1355/27/91	1134/32/103	900/31/105	1069/27/98

USA SINGLE OPERATOR ASSISTED ALL BAND

K5ZD/1	106/17/62	499/24/96	1155/39/126	1093/38/142	1135/37/138	1005/35/133
K3WWW	96/15/60	303/26/98	983/35/120	1265/37/136	898/33/117	1159/31/118
N3RS	73/16/49	356/30/101	820/38/129	963/37/134	846/36/124	974/34/138
AB3CX/2	57/11/30	268/19/80	866/33/114	899/38/124	793/36/125	960/34/122
K1AR	97/17/56	366/28/99	785/39/133	613/39/135	882/38/141	632/34/149

USA MULTI-OPERATOR SINGLE TRANSMITTER

K8AZ	51/14/51	254/28/102	1455/35/129	1505/39/143	925/35/141	1030/35/147
K5TR	36/14/36	176/28/101	1299/40/135	814/39/148	1107/39/152	1026/35/153
K2QMF	63/11/45	395/23/85	1157/36/120	1090/38/137	638/37/124	910/33/131
AA9A	35/9/35	301/27/98	1074/37/125	584/39/129	695/37/136	768/31/128
N2TX	5/4/5	272/19/81	975/32/106	873/36/134	618/36/138	970/33/128

USA MULTI-OPERATOR TWO TRANSMITTER

NQ4I	56/15/36	500/29/109	1957/40/139	1672/39/149	1798/38/150	1449/38/154
K9CT	81/18/54	285/31/102	1461/39/135	1601/39/148	2026/39/159	1505/37/158
K2LE/1	44/13/26	595/22/87	1456/34/117	1273/39/131	1496/39/127	1444/35/122
NØNI	94/16/50	396/32/102	1119/38/119	1434/38/130	1377/37/138	1169/36/139
KN5O	50/13/31	243/24/76	1162/37/124	978/38/121	1407/36/130	1201/37/117

USA MULTI-OPERATOR MULTI-TRANSMITTER

K3LR	389/23/80	1534/35/120	2823/40/150	3370/39/165	2664/38/161	2078/40/164
W3LPL	435/20/82	1575/35/122	2508/40/145	3058/39/154	2576/39/158	1882/38/158
W2FU	426/19/78	1473/35/120	2348/40/141	2719/39/155	2636/39/166	2031/39/156
WE3C	404/19/78	1109/33/118	2418/39/147	2538/39/154	2793/39/158	1777/38/151
WK1Q	315/19/78	1077/33/115	1761/40/140	2133/39/151	1897/39/152	1322/37/151

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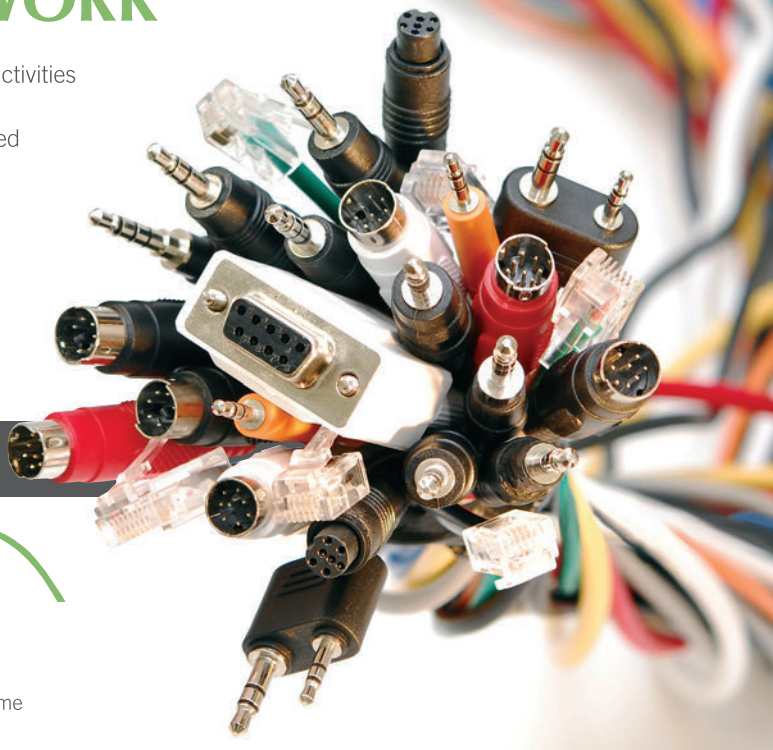
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EUROPE TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
OH0V	358/9/41	656/17/58	1156/30/91	1489/35/99	1631/33/95	885/34/97
S50A	116/9/48	823/23/82	1234/28/94	893/31/100	848/33/104	860/32/95
G9W	268/12/45	667/17/66	1070/30/89	939/33/90	908/30/97	1015/36/101
GD6IA	308/8/49	568/15/63	956/26/82	976/27/82	1445/30/87	1496/27/88
YT6W	132/8/46	395/19/67	1376/34/98	1123/32/95	1064/30/99	698/32/95

EUROPE SINGLE OPERATOR ASSISTED ALL BAND

E46FO	102/11/54	215/23/86	1401/40/132	1369/39/131	1315/39/137	1120/39/140
SN7Q	146/14/57	618/32/105	1117/35/102	1173/36/116	1246/34/132	746/38/138
UW2M	117/22/78	757/36/114	1198/40/136	645/39/135	848/39/146	1141/39/147
CR6K	164/11/56	754/26/101	1178/38/125	506/36/118	1256/37/135	1196/36/139
S53MM	160/9/57	595/23/86	1249/39/125	912/38/126	691/38/121	733/37/118

EUROPE MULTI-OPERATOR SINGLE TRANSMITTER

403A	286/18/85	1192/34/118	2272/39/147	1741/38/151	1750/39/155	1947/39/155
OM7M	259/18/86	569/30/116	2124/40/145	1227/40/153	1476/40/156	1582/39/157
IR4M	78/16/78	539/31/115	2053/39/143	1677/38/150	1487/39/148	1264/37/149
9A1P	115/14/83	1007/32/112	1884/39/144	1547/38/151	1327/37/152	1571/38/154
SJ2W	192/14/65	283/30/108	1182/39/141	2005/38/142	1813/39/146	1133/37/153

EUROPE MULTI-OPERATOR TWO TRANSMITTER

TM6M	488/14/68	1466/33/112	1818/40/142	1976/38/144	2947/39/151	1839/40/160
LX7I	700/17/78	1889/34/111	2291/39/137	2563/39/147	2314/39/152	1659/38/152
I19P	445/23/83	1185/35/116	2177/40/141	2228/39/149	2118/39/150	2247/39/157
OL4A	374/17/70	1341/35/113	2343/40/147	2090/39/153	1692/39/154	1634/39/157
ED1R	231/16/74	1123/28/106	2402/40/141	1575/39/149	2475/38/142	1528/39/149

EUROPE MULTI-OPERATOR MULTI-TRANSMITTER

9A1A	1523/23/87	2314/33/110	3295/40/148	3069/39/146	2602/39/153	2091/39/151
DR1A	1204/18/85	2095/35/117	2528/40/146	2649/39/150	2002/39/151	1737/38/154
LZ9W	1178/17/74	2084/33/111	3284/40/139	3061/39/152	2519/39/152	1824/38/146
DF0HQ	1129/20/81	2002/32/111	3241/40/147	2442/39/148	1983/39/147	1574/39/142
EA5KA	834/14/67	1385/28/98	2721/40/142	2749/39/149	2571/39/151	2048/38/155



Installing antennas at 3B8MU. Olof, GØCKV is holding the mast and Oliver, W6NV, is looking up. The 3B8MU team used simple antennas to operate in the multi-multi category and make a lot of people happy with zone 39. (Courtesy of GØCKV)

The team at K8AZ near Cleveland, Ohio, held off the hard charging Texans of K5TR for the U.S. win.

This year saw the creation of a new Low Power division of the Multi-One category. The inaugural winner is the team at H13A, which made over 6,000 contacts. YTOA had the high European score. The U.S. winner was N3ND/4 in the first contest from a new location. It seems to work!

Multi-Two

The competition in the Multi-Two category is so close that even the smallest strategy error or copying mistake can make a difference in the standings. The German team at CR3L relied on their access to Europe to make the winning score. The next three places are within 0.3% of each other! After all of the log checking was done, it was the team with the most accurate log that claimed second place — P3F. Just a few points back was a four-operator crew PJ4A. This was the

"If this weekend didn't get you excited, time to find a different hobby." – N1UR

second year for the Field Day style effort of TC0A. The Bulgarian team took a week to erect 10 transmit antennas, then reported it only took four hours to get them down after the contest was over.

The top European score was achieved by TM6M, who finished just ahead of LX7I. In the U.S., it was NQ4I in Georgia just getting by K9CT in Illinois. These two teams use the online scoreboard at cqcontest.ru to keep the operators engaged and focused on the race.

Multi-Unlimited

The goal for Multi-Unlimited teams is simple — work every-one on every band during the 48 hours of the contest. No

2014 CQ WW CW & SSB COMBINED CLUB SCORES

United States			CONTEST CLUB FINLAND			SOUTHERN OSAKA CONTEST CLUB		
Club	#Entrants	Total Score						
YANKEE CLIPPER CONTEST CLUB	270	558,926,688		74	95,469,652		9	2,489,640
FRANKFORD RADIO CLUB	196	470,427,160		45	73,607,972		8	2,485,433
POTOMAC VALLEY RADIO CLUB	213	290,126,851		115	68,710,496		5	2,460,546
FLORIDA CONTEST GROUP	96	125,829,247					10	2,400,668
SOCIETY OF MIDWEST CONTESTERS	135	118,689,265	KALUNAS UNIVERSITY OF TECHNOLOGY	54	67,744,888	RADIO CLUB	4	2,338,980
NORTH COAST CONTESTERS	26	115,387,880	LU CONTEST GROUP	52	65,638,737	BRISTOL CONTEST GROUP	5	2,304,339
MINNESOTA WIRELESS ASSN	110	111,357,053	CONTEST CLUB SERBIA	92	56,950,570	SOUTH GERMAN DX GROUP	12	2,200,042
NORTHERN CALIFORNIA CONTEST CLUB	101	94,982,812	ORCA DX AND CONTEST CLUB	43	55,733,089	PETERBOROUGH AMATEUR RADIO CLUB	9	2,173,919
ARIZONA OUTLAWS CONTEST CLUB	103	78,976,587	CHILTERN DX CLUB	38	55,219,670	PEMBROKESHIRE CONTEST GROUP	4	2,108,620
SOUTHERN CALIFORNIA CONTEST CLUB	66	77,169,193	BLACK SEA CONTEST CLUB	96	52,697,748	ORENBURG CONTEST CLUB	7	2,070,054
TENNESSEE CONTEST GROUP	48	64,090,169	HA-DX CLUB	25	48,450,351	SERPUKHOV RADIO CLUB	5	1,991,813
SOUTH EAST CONTEST CLUB	22	53,950,709	LZ CONTEST TEAM	4	44,234,318	ADMIRA ARAD	6	1,981,051
CAROLINA DX ASSOCIATION	51	47,645,672	VK CONTEST CLUB	42	42,963,704	SASKATCHEWAN CONTEST CLUB	6	1,818,916
CENTRAL TEXAS DX AND CONTEST CLUB	24	43,972,131	LATVIAN CONTEST CLUB	29	42,770,698	SKLW ESKILTUNA SANDAREAMATORER	6	1,795,733
MAD RIVER RADIO CLUB	33	41,678,259	CLIPPERTON DX CLUB	19	42,522,829	CHELTENHAM AMATEUR RADIO ASSOCIATION	8	1,784,019
WESTERN WASHINGTON DX CLUB	53	36,057,313	SKY CONTEST CLUB	7	36,281,495	CT3 MADEIRA CONTEST TEAM	4	1,705,791
DFW CONTEST GROUP	62	35,514,790	SOUTH URAL CONTEST CLUB	21	30,319,103	CZECH CONTEST CLUB	9	1,595,934
ALABAMA CONTEST GROUP	37	28,039,891	WEY VALLEY AMATEUR RADIO GROUP	6	29,162,884	RADIO CLUB PARMA	4	1,595,648
HUDSON VALLEY CONTESTERS AND DXERS	33	26,765,617	CONTEST GROUP DU QUEBEC	19	28,910,913	VLADIMIR CONTEST GROUP	8	1,522,723
GRAND MESA CONTESTERS OF COLORADO	26	24,877,308	BELARUS CONTEST CLUB	38	27,881,569	NOVOSIBIRSK CONTEST CLUB	4	1,510,739
IOWA DX AND CONTEST CLUB	8	24,706,416	WORLD WIDE YOUNG CONTESTERS	15	26,559,590	SP CONTEST CLUB	7	1,483,789
WILLAMETTE VALLEY DX CLUB	41	22,676,651	RUSSIAN CW CLUB	79	25,933,774	DOMODEDOVO	8	1,449,106
BOZINGA DX AND CONTEST CLUB	5	17,944,841	DANISH DX GROUP	28	25,729,261	LOMA DEL TORO CONTEST CLUB	5	1,390,535
LOUISIANA CONTEST CLUB	15	16,269,575	RUSSIAN CONTEST CLUB	42	24,602,469	SAYAN DX CLUB	7	1,390,262
MOTHER LODE DX/CONTEST CLUB	28	16,007,281	BELOKRANJEC CONTEST CLUB	12	20,727,378	CSM CLUJ-NAPOCA	6	1,376,463
NORTHERN ROCKIES DX ASSOCIATION	6	15,089,331	LA CONTEST CLUB	17	15,836,158	GRUPO DXE	7	1,327,825
GEORGIA CONTEST GROUP	24	10,547,567	CE CONTEST GROUP	6	13,624,539	MEDITERRANEO DX CLUB	6	1,306,390
UTAH DX ASSOCIATION	21	9,847,086	YO DX CLUB	29	13,505,323	STAVROPOL REGION CONTEST CLUB	5	1,256,944
NIAGARA FRONTIER RADIOSPORT	13	9,331,434	599 CONTEST CLUB	15	13,121,744	KEYMEN'S CLUB OF JAPAN	19	1,125,094
NORTH TEXAS CONTEST CLUB	8	8,482,944	LITHUANIAN CONTEST GROUP	8	12,320,154	KRIVBASS	8	1,060,120
SPOKANE DX ASSOCIATION	21	8,059,769	UNIVERSITY OF TOKYO CONTEST CLUB	7	11,916,822	NEWBURY AND DISTRICT ARS	5	1,052,645
MADISON DX CLUB	4	7,692,962	SIAM DX GROUP	13	11,674,146	CW OPERATORS CLUB	5	1,052,645
CTRI CONTEST GROUP	15	7,488,973	YPTAUTAS MAGNUS UNIVERSITY RADIO CLUB	16	11,651,750	BESSARABIAN CONTEST CLUB	8	1,006,490
KANSAS CITY CONTEST CLUB	15	7,304,284	IRKUTSK RADIO CLUB	14	11,421,465	AUSTRIAN CONTEST CLUB	5	1,002,400
ROCHESTER (NY) DX ASSN	15	7,180,304	RADIO CLUB VENEZOLANO CARACAS	19	10,680,553	SPEKTR	4	997,400
BAY AREA DXERS	6	6,090,994	SHAKHAN CONTEST CLUB	4	9,762,329	BRACKNELL AMATEUR RADIO CLUB	5	993,236
BRISTOL (TN/VA) ARC	18	6,028,432	MICHRINSK CONTEST GROUP	7	9,066,468	OBNSNK ORU CLUB	11	918,252
HILLTOP TRANSMITTING ASSN	10	5,896,218	RIIHIMAAEN KOLMOSET	8	9,060,398	SWINDON AND DISTRICT AMATEUR RADIO CLUB	7	865,238
TEXAS DX SOCIETY	8	4,290,499	UNIO RADIOAFICIONATS VALLES ORIENTAL	7	8,628,283	KALININGRAD RADIO CLUB	5	830,203
NORTH CAROLINA DX AND CONTEST CLUB	18	3,497,973	ARK	26	8,384,008	KILMARNOCK AND LOUDOUN ARC	5	782,961
DELARA CONTEST TEAM	7	3,071,395	VU CONTEST GROUP	17	7,602,228	CS PETROLUL PLOIESTI	9	720,619
MISSISSIPPI VALLEY DX/CONTEST CLUB	10	2,964,705	YB LAND DX CLUB	45	7,598,537	GUARA DX GROUP	12	715,953
NORTHEAST MARYLAND AMATEUR RADIO CONTEST SOCIETY	7	2,469,820	CATALONIA CONTEST CLUB	17	7,493,062	OREL RADIO CLUB	4	709,383
BERGEN ARA	9	2,083,405	RIO DX GROUP	35	7,254,742	RADIO CLUB KVARNER RIJEKA	9	706,424
METRO DX CLUB	15	1,793,437	BOSNIA AND HERZEGOVINA CONTEST CLUB	18	7,057,197	CSM TIMISOARA	4	649,650
SALT CITY DX ASSOCIATION	4	1,710,554	LES NOUVELLES DX	7	6,815,802	SK6AW HISINGENS RADIOKLUBB	9	608,123
MIDLAND AMATEUR RADIO CLUB	5	1,658,454	GMDX GROUP	9	6,663,233	SMOLENSK CONTEST CLUB	4	588,227
PANHANDLE DX AND CONTEST CLUB	6	1,136,246	RADIOSPORT MANITOBA	6	6,632,656	UR-QRP CLUB	7	574,641
SKYVIEW RADIO SOCIETY	11	1,104,566	THREE A'S CONTEST GROUP	7	6,585,351	CDR GROUP	15	570,423
KANSAS CITY DX CLUB	4	770,560	OMSK RADIO CLUB	8	6,551,389	CSM BISTRITA	4	518,157
SOUTH TEXAS DX AND CONTEST CLUB	4	734,936	MARITIME CONTEST CLUB	18	6,525,253	CENTRAL SIBERIA DX CLUB	5	512,274
WEST PARK RADIOPS	9	666,980	LITTLE GUN CLUB	7	6,281,430	VOLYN CONTEST GROUP	11	504,528
BURLINGTON COUNTY RADIO CLUB	6	641,993	WEST SERBIA CONTEST CLUB	14	5,601,774	RADIOCLUBUL OSO BANAT TIMISOARA	9	488,379
KENTUCKY CONTEST GROUP	6	628,686	ALRS ST PETERSBURG	18	5,489,742	CONTEST CLUB HAZZ HEIDE	5	486,837
SWAMP FOX CONTEST GROUP	12	611,287	GRIMSBY AMATEUR RADIO SOCIETY	10	4,833,440	SK5AA VASTERAS RADIOKLUBB	4	457,299
PUEBLO WEST AMATEUR RADIO CLUB	4	603,313	ARKTIKA	12	4,823,138	ACTIVITY SMOLENSK GROUP	6	454,165
IDAHO DX ASSOCIATION	7	535,244	RU-QRP CLUB	23	4,805,958	BALATON RADIOAMATEUR DX CLUB	6	435,116
SHENANDOAH VALLEY WIRELESS	5	422,758	GIPANIS CONTEST GROUP	12	4,753,119	CHILEAN PACIFIC DX GROUP	9	384,172
BRAZOS VALLEY AMATEUR RADIO CLUB	6	409,347	YOKOHAMA DX CLUB	4	4,644,271	TDR	6	373,593
GREAT SOUTH BAY AMATEUR RADIO CLUB	4	351,090	STA BUCURESTI	6	4,520,697	BASHKORTOSTAN DX CLUB	7	345,092
MILFORD OHIO AMATEUR RADIO CLUB	7	349,848	FAR EAST ISLANDS DX CLUB	4	4,306,886	DELTA JANDARMI ASSOCIATION TULCEA	5	324,547
STERLING PARK AMATEUR RADIO CLUB	7	196,103	TEMIRTAU CONTEST CLUB	6	4,305,306	MOSCOW RADIO CLUB	4	322,595
NEW PROVIDENCE AMATEUR RADIO CLUB	5	97,209	NOVOKUZNETSK RADIO CLUB	19	3,981,421	AGB ACTIVITY GROUP OF BELARUS	5	293,322
NORTH TEXAS RADIOSPORT ASSOCIATION	4	30,245	FALKOPINGS RADIOCLUB	8	3,830,089	VORONEZH RADIO CLUB	4	286,933
			THRACIAN ROSE CLUB	25	3,639,744	CS SILVER FOX DEVA	6	285,648
			DONBASS CONTEST CLUB	23	3,394,677	BARIVM DX TEAM	12	273,685
			BRIMHAM CONTEST GROUP	4	3,355,214	TULA RADIO CLUB	4	223,489
			SK4DM VASTERBERGSLAGENS SANDAR AMATORER	6	3,161,883	RTTY CONTESTERS OF JAPAN	7	204,413
			RADIO CLUB HENARES	4	3,130,027	KOREA CONTEST CLUB	5	194,326
			R4F-DX-G	9	3,028,362	UPPSALA RADIOKLUBB	4	183,772
			UA2 CONTEST CLUB	8	3,007,320	SPORT CLUB MIERCUREA-CIUC	4	176,589
			MALAYSIAN 10 METER GROUP	4	2,916,172	WATERLAND	5	172,469
			SP-CW-C	5	2,907,068	OSTROW AMATEUR RADIO CLUB SP3POW	4	152,610
			VRHNKA CONTESTERS	7	2,780,621	PODOLSK	5	125,616
			Z37M CONTEST TEAM	7	2,641,059	EDIT 14	5	81,676
			SARATOVSKAYA OBLAST RADIO CLUB	7	2,603,316			
			TOP OF EUROPE CONTESTERS	9	2,523,221			

*Club entry does not meet all rules.

opening, multiplier, or chance for rate can be missed. The gold standard for this category has been the CN8WW operation from 1999 with a score that was hard to imagine would ever again be reached. A team of operators from Moscow and Kaliningrad took on the goal of chasing this record by building a station on the coast of Morocco. CN2AA is the new multi-multi champion and world record holder with a fantastic score of over 73 million points — 23,459 contacts, 217 zones, and 858 country multipliers. Wow!

Remember the Voo Dudes who used to travel to Africa each year? They visited 9K2HN this time and enjoyed the luxury of not having to find a hotel and build the station completely from scratch. They put their operating skills to use and managed to break the Asian record set by A61AJ back in 1999 by just 150,000 points. 9A1A took the European title over rivals DR1A and LZ9W.

The multi-multi competition in the U.S. featured four teams that exceeded 30 million points. The winner once again, and breaking their U.S. record from one year ago, was K3LR from western Pennsylvania. Second place went to the ops at W3LPL, competing in their 36th consecutive multi-multi entry in CQ WW CW. W2FU and WE3C both showed signs that they are on the way up and starting to challenge the traditional leaders.

Not every multi-multi has giant antennas. The five operators at 3B8MU rented a house close to the beach. On a piece of land not bigger than 35 by 35 feet, they squeezed in their antenna farm consisting of: An 18-meter Spiderbeam pole supporting two parallel inverted Ls for the low bands, a 12-meter Spiderbeam pole holding a 40-meter vertical, another 12-meter Spiderbeam pole supporting a 20-meter vertical dipole array, and smaller light poles supporting vertical dipole arrays on 15 and 10 meters. They handed out the zone 39 multiplier for over 10,000 QSOs with this simple setup.

Final Thoughts

There were some notable disqualifications this time as we continue to refine our tools for detecting stations that may be using the DX Cluster or RBN network without claiming Assisted. We had our first disqualification due to poor signal quality. This action was based on written complaints from other participants with confirmation using the SDR recordings we make of every band. We are pleased to see that most stations are identifying more often in accordance with the guidance given in the rules.

This CQ WW represents the final contest entries for some giants of contesting. We were sad to see Carl, AI6V; Frank, 9Y4VU; Dick, KB1H; and Lou, PAØLOU, all become silent keys in the few months after the contest.

The project to build an online searchable database of all entries in the CQ WW SSB and CW Contests since the beginning in 1948 is complete. Visit <http://www.cqww.com/score_db.htm> to search for any call and see where it has appeared in CQ WW history. Do a search for the calls of silent keys mentioned above and you will quickly appreciate why we will miss them.

We will close with this statement from LA8OM that captures the magic of CQ WW: "This contest is the perfect excuse for a late autumn ego trip to my den in the hills. It is a thrill to be here in the complete dark at kilometers distance from the closest human and know you are there, right in the middle of this great simultaneous global CW action."

We look forward to seeing everyone again in a few months for the next CQ WW DX CW Contest on November 28-29, 2015. Full rules, records, and other information are available on the Web at <www.cqww.com>.

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