

# Results of the 2015 CQ WW RTTY DX Contest

BY ED MUNS, WØYK

*"Always great fun to participate in this contest..." – IW1CBG*

**T**here was lots of enthusiastic activity in the 29<sup>th</sup> annual CQ World Wide RTTY DX Contest. Solar conditions were down a bit compared to recent years, but that didn't deter 8,821 participants from getting on for at least part of the week-end. More than 3,300 logs were submitted (3,362 was the final count), so we are fortunate to have so many non-contesters join in to increase the fun for all of us. These numbers are up slightly from 2014.

Operators in 197 countries around the world made over 1.3 million QSOs, down 3.4% from last year. Fifteen and 20 meters each accounted for about a third of total QSOs. Forty meters had 20% while 80 and 10 had 7% and 4% respectively. In some parts of the world, 10 meters was hardly used, especially on the east-west paths. Propagation was variable throughout the week-end, causing signal levels to rise and fall accordingly. The K-index was 1 while the A-index dropped from 7 to 4 over the contest period.

Again this year, ES9C logged the most total Zones (145) and countries (474). EI7M beat them on 15-meter Zones (36 vs. 33) and CW4MAX beat them on 10-meter Zones (27 vs. 23) and 10 meter countries (87 vs. 55). P49X logged the most total U.S.-States/VE-Areas (253) while the high single-band totals were: K9CT (54 on 80 meters), K4EA (55 on 40 meters), OL9A (57 on 20 meters), YV5LG (56 on 15 meters) and CW4MAX (52 on 10 meters).

## First time RTTY contesters continue to appear:

*"My first CQWW RTTY contest..." – 9W6EZ*

*"This was my first CQ contest and my first RTTY contest..." – AI6DO*

*"My first CQ WW RTTY..." – CT7AIX*

*"I enjoyed my first RTTY contest..." – CX4SS*

*"My very first RTTY Contest..." – DF3IR*

*"This is first RTTY contest for E2X and myself..." – E2X*

*"My first RTTY contest ever, after 25 years away from the radio. My wife was so happy because I do the contest in silence..." – EA4GST*

*"My first ever RTTY operation..." – GØUWS*

*"First time in CQWW RTTY..." – GM3YEH*

*"First digital contest from our club station..." – HB9OK*

*"First RTTY transmission of my radio activity..." – IZØAIS*

*"First contest..." – IZ2BHQ*

*"My first RTTY contest. That was a blast..." – K4DLE*

*"First time I enjoyed a RTTY contest..." – K6WSC*

*"First time CQ WW RTTY, what a ride..." – KA6WKE*

*"I worked a lot of new callsigns this year..." – N5FNC*

*"First semi-serious effort on RTTY..." – OG6N*

*"My first RTTY contest on 80 meters..." – PA1AW*

*"First RTTY contest..." – PY4LF*

*"First RTTY Contest lots of fun..." – VK2NP*

*"First CQWW RTTY Contest..." – VK6SMK*

*"First RTTY Contest. What fun..." – WO9B*

*"First RTTY Contest getting used to the mode..." – WR2G*

*"The First WW RTTY Contest..." – YB5BOY*

*"My very first RTTY activity from New Zealand. Good fun..." – ZM2IO*

*"First time I try RTTY, it was fun..." – ZS4BS*

Some participants made videos of their operations. If you do a Google search on "2015 CQ WW RTTY video," you'll find recordings by OL9A, YD1SDL, KP3M, OH5C, N7DR, JA1UMQ, and others.

Thirty-seven new Continental records were set out of a total of 240. Ten of the 40 World records were broken. These statistics are down a bit from 2014, but of course, records become harder to break as they continue to be lifted, especially on the downside of a solar cycle. See *Table 1* for a summary of the new records set.



The VP9I Big Guns from left to right: George, K3GP; Ray, ND8L; Jamie, WW3S; and Larry, K8UT.



Anthony N2KI pushing hard to compete against his prior best score.

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Steve, AI9T; Roger, N4RR; Tim, K9WX; and Jim, N7US (plus Craig, K9CT; Bill, K3WA; and Steve, N5AC) drove the K9CT station in M2 to win North America.

	World		Continent	
	New	Avail.	New	Avail.
SO10	1	6	2	36
SO15	2	6	7	36
SO20	3	6	10	36
SO40	2	6	3	36
SO80	1	6	8	36
SOAB		6	5	36
MS	1	2	2	12
M2		1		6
MM		1		6
<b>Total</b>	<b>10</b>	<b>40</b>	<b>37</b>	<b>240</b>

Table 1. Assisted and unassisted categories combined.

### Single-Op High Power (571 logs received)

**Single-Op All Band High Power (432):** Ed, P49X (WØYK), won with 10.0M points. Andy, UB7K, took 2<sup>nd</sup> and first place Europe with 4.5M, while Oleg, RM9I, took 3<sup>rd</sup> and the Asia win with 3.6M. Aleksander, SQ9UM, was 4<sup>th</sup> with 3.4M. Jeff, ACØC, took 5<sup>th</sup> place and the North America win. Al, E51AAR (K7AR), won Oceania with 1.6M.

**Single-Op 80 Meters High Power (12):** Axel, EB3CW, was 1<sup>st</sup> with 182K and Juan, YW5T, was second with 127K for a new South America record.

**Single-Op 40 Meters High Power (31):** Balannec, TMØT, won with 538K. Thomas, DL4MCF, took 2<sup>nd</sup> with 415K, and Alex, US1Q, was third with 346K.

**Single-Op 20 Meters High Power (58):** Three stations battled it out for first place: Jan, OL9A (OK2ZAW), came out on top with 959K. See Jan's blog, photos, and videos at <<http://bit.ly/1POjMVa>>. Jham, HK1T, was a close second with 954K and the new South America record. Mirek, SO4M, was third with 942K. Massimo, D4C (IZ4DPV), set a new Africa record with 10<sup>th</sup> place.

**Single-Op 15 Meters High Power (44):** Dunia, EA8MT, set a new world record with 1.2M and Max, KH6ZM, set a new Oceania record for second place with 684K. Peter, KU2M, was third with 603K for the North America win.

**Single-Op 10-Meter High Power (9):** Jorge, LW5DW, won with 318K.



The Z21MG team from left to right: David, OK6DJ; Petr, OK1FCJ; and Pavel, OK1FPS.



Dimitris, SV1CIB, and Salvador, SV1BDO, along with Kostas, SV1CQN; Kostas, SV1DPI; and Efsthios, SV5DKL, at SZ1A set a new MS HP record for Greece.

# TOP SCORES

## WORLD

### SINGLE OPERATOR HIGH POWER ALL BAND

P49X (W0YK)	9,961,158
UB7K	4,529,004
RM9I	3,596,700
S09UM	3,395,710
AC0C	3,082,320
I02CJ (IK2NCJ)	3,079,606

### 28 MHz

LW5DW	318,080
DK3T (DK3EE)	54,900
UN5J	34,155

### 21 MHz

EA8MT	1,156,610
KH6ZM	684,171
KU2M	603,028

### 14 MHz

OL9A (OK2ZAW)	958,800
HK1T	954,226
S04M	941,850

### 7 MHz

TM0T (F/TU5KG)	538,208
DL4MCF	414,672
US1Q	346,020

### 3.5 MHz

EB3CW	181,935
YW5T (YV5JBI)	126,854
YT8A (YU1EA)	84,023

### LOW POWER ALL BAND

MJ5Z (JK3GAD)	3,316,545
LY80	3,178,592
ZZ2T (PY2MNL)	2,814,537
FG5LA	1,727,778
F4DSK	1,611,420

### 28 MHz

CW4MAX (CX2DK)	652,712
CA3MRD	170,392
LU9EHU	100,716

### 21 MHz

HK3TU	753,660
YV5KG	564,816
EE7Y (EC7WA)	468,452

### 14 MHz

YV4NN	636,294
UN6LN	428,453
UR2Y (US0YVW)	256,700

### 7 MHz

I3PXN	163,184
EA6SX	139,392
YU5RY	121,576
IK8NBE	121,249

### 3.5 MHz

G8X (G4FJK)	56,356
OM3RWB (OM3ZCK)	39,008
IK0VVE	32,368

## ASSISTED

### HIGH POWER ALL BAND

K11G	5,163,210
AA3B	5,023,008
SN7Q	4,615,704
UW1M	4,572,432
PI4DX (PB8DX)	3,873,280

### 28 MHz

PY2SHF	82,170
A61KM	27,105
K3KG/4	14,945

### 21 MHz

R7AB	762,390
9A5D (9A7Z)	635,239
OL7M (OK1CID)	625,400

### 14 MHz

F4DXW	1,066,000
9A5Y (9A3LG)	845,172
VE6WQ (@VE6JY)	757,828

### 7 MHz

I01RY (IZ1LBG)	662,216
9A5M	520,030
LY2SA	504,108

### 3.5 MHz

I4AVG	144,144
IT9DSZ	133,760
IK6VXO	131,131

## LOW POWER ALL BAND

VA2UP	3,256,904
ED1A (EA1AST)	1,649,220
VA3DF	1,313,160
YB1AR	1,148,626
RT9S	1,136,394

### 28 MHz

LT0H (LU3HY)	298,156
CA3CBM	266,065
I0UZF	37,525

### 21 MHz

IZ8GNR	296,116
IZ8EDL	241,839
9A7DX	234,348

### 14 MHz

5C5W (CN8KD)	809,072
IW3RUA	460,064
F4GGQ	355,388

S56A	287,858
LY5W	258,965
YT2B	217,464

### 3.5 MHz

UR6EA	62,551
LZ9R	48,384
M7V (M0VAA)	32,067

## SINGLE OPERATOR ORP ALL BAND

N2QT/4	894,654
CT1BXT	735,196
DK7HA (F5VBT)	727,209
VE3KI	686,556
K2YG	511,344

### 28 MHz

HA3HX	2,970
WD9FTZ/8	918

### 21 MHz

IW9GTD	45,924
SV5/HA3JB	42,529
SP4LVK	36,792

### 14 MHz

SB0A (SM0LPO)	146,944
IK1RKU	37,920
ZP9MCE	29,580

### 7 MHz

YT2PFR	54,792
IZ2JPN	36,156
UX5UU	35,625

### 3.5 MHz

IK4UXA	8,284
W3/NH7C (NH7C)	4,620
RA4FWA	1,496

## SINGLE OPERATOR ORP ASSISTED ALL BAND

RX1CQ	656,656
KE8M	379,132
OK2FD	359,562
IZ8JFL/1	141,440
PE2K	120,120

### 28 MHz

IK0EIE	5,632
JH1WGW	276

### 21 MHz

EA5ATK	47,430
F4EFI	16,510
JG8IBY	8,640

### 14 MHz

EA3KX	149,184
UT2JW	31,577
LZ2TU	22,143

### 7 MHz

DJ2RG	60,420
HG6C (HA6IAM)	40,334
CT1BXC (CT1BXC/ORP)	30,149

### 3.5 MHz

ON3DI	36,456
SP6GCU	31,903
UT3N (UT3NKK)	21,600

## MULTI-OPERATOR SINGLE TRANSMITTER HIGH POWER

ES9C	9,237,657
EI7M	7,151,508
CR3A	5,568,080
K1SFA	5,006,784
HG1S	4,632,992

## MULTI-OPERATOR SINGLE TRANSMITTER LOW POWER

PJ6A	4,956,520
YV1KK	3,357,425
IT9BLB	3,213,974
IS0/S50P	3,209,788
VP9I	2,890,995

## MULTI-OPERATOR TWO TRANSMITTER

LX7I	8,885,781
403A	8,490,960
P40BC	8,442,165
IQ9UI	7,627,113
OJ0DX	6,597,459

## MULTI-OPERATOR MULTI-TRANSMITTER

CR3L	13,075,293
9A1A	11,569,920
NR4M	7,015,164
K3EST/8	3,393,285
OH5C	3,138,472

### ROOKIE SINGLE OPERATOR HIGH POWER ALL BAND

AB3TM	582,380
A61EK	402,975
RA4HL	160,195
A9GA	90,066
HS7BHK	83,707

### ROOKIE SINGLE OPERATOR LOW POWER

M0LJD	979,668
WA4PGM	969,850
CR7AJL	744,546

JA0CGJ	502,227
UR5EPV	239,935

## CLASSIC SINGLE OPERATOR HIGH POWER

DJ90IARU (DL2SAX)	1,594,432
S50R	1,506,826
W3LL	1,341,164
YL5T (YL3DQ)	1,198,255
OH1MA	1,171,352

## CLASSIC SINGLE OPERATOR LOW POWER

7Z1SJ	1,149,480
UP6P	985,660
V31MA	953,211
OE2E (OE2GEN)	755,872
R65A	687,040

## UNITED STATES SINGLE OPERATOR HIGH POWER ALL BAND

AC0C	3,082,320
W7RN (WK6I)	2,972,550
W3LL	1,341,164
AB4GG	1,275,116
W8QR/Ø (K6XT)	1,130,904

### 28 MHz

N4MM	611
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### 21 MHz

KU2M	603,028
K4FJ	544,806
AA7V	131,950

### 14 MHz

W4AAA (KK9A)	748,804
N0OK	113,850
W3RTY	92,008

### 7 MHz

W0GJ	226,968
K4EA	193,392
AG4W	186,485

### 3.5 MHz

N9OK	22,776
K50AA	5,459

## LOW POWER ALL BAND

K2PO/7	1,560,850
N1XF	1,287,330
AD5XD	1,017,810
F4EFI	834,288
WN6K	645,636

### 28 MHz

K7ULS	1,638
W9KVR	1,007

### 21 MHz

AD5LI	34,104
W0PI	15,276
W5NZ/4	14,848

### 14 MHz

WD5COV	127,116
K52G	85,956
N2YBB	31,680

### 7 MHz

K7WP	71,586
W2TVT	51,980
K0IDT	46,515

### 3.5 MHz

N5RN	3,450
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## ASSISTED HIGH POWER ALL BAND

K11G	5,163,210
AA3B	5,023,008
N7AT (K8IA)	2,787,487
N3OE	2,302,160
W3FV	2,143,680

### 28 MHz

K3KG/4	14,945
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### 21 MHz

K5DU	586,840
W7ZR	289,670
W9ILY	223,512

### 14 MHz

K9OM	459,725
AA5AU	329,782
K7AWB	192,528

### 3.5 MHz

N6EE/1	32,396
NA5NN (K2FF)	8,160

## LOW POWER ALL BAND

WA1FCN/4	1,007,480
N1EN	998,944
WA4PGM	969,850
W3KB	685,992
W0JW	631,512

### 28 MHz

K4WI	9,450
K2FF/5	1,530

### 21 MHz

KF0IQ	16,280
W0RIC/7	15,960

### 14 MHz

W4LC	105,657
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N7DB	22,892
K2RET	10,788

### 7 MHz

AB1J	100,983
AB9YC	57,112
W6KY	10,419

### 3.5 MHz

KK4HEG	5,040
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## SINGLE OPERATOR ORP ALL BAND

N2QT/4	894,654
K2YG	511,344
W6QU (W80ZA)	179,826
KC7CM	93,210
AA8OY	81,909

### 28 MHz

WD9FTZ/8	918
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### 21 MHz

N5JE	30,175
K3TW/4	2,555

### 7 MHz

NA1DX/3	6,160
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### 3.5 MHz

W3/NH7C (NH7C)	4,620
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## SINGLE OPERATOR ORP ASSISTED ALL BAND





Gordon, NW7D's, outdoor operating position and his wind-damaged dipole mast at KH6/NW7D.



## Single Operator Low Power (1,264 logs received)

**Single-Op All Band Low Power (933):** Kazu, MJ5Z (JK3GAD), significantly increased his prior score to 3.3M to win this competitive category once again and set a new Europe record in the process. Remi, LY8O, was second with 3.2M and Wanderley, ZZ2T (PY2MNL), took third for the South America win with 2.8M.

**Single-Op 80-Meter Low Power (21):** Tim, G8X (G4FJK), won with 56K and 7th place Luis, HK6P, set a new South America record with 23K.

**Single-Op 40-Meter Low Power (53):** Carlo, I3PXN, took first with 163K and Miguel, EA6SX, took 2nd with 139K.

**Single-Op 20-Meter Low Power (121):** Daniel, YV4NN, was first with 636K and a new South America record while Vlad, UN6LN, set a new Asia record with 428K for second place.

# 2015 WW RTTY BAND-BY-BAND BREAKDOWN—TOP ALL BAND SCORES

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

## WORLD TOP SINGLE OP ALL BAND

Station	80	40	20	15	10
P49X	263/44/16/32	901/52/24/74	1100/54/29/79	2021/55/29/85	642/48/20/57
UB7K	308/11/14/55	692/40/24/71	1195/49/32/90	942/43/31/87	136/0/19/30
RM9I	90/0/9/31	683/14/24/67	968/49/28/83	826/0/24/72	284/0/19/55
SQ9UM	289/7/9/46	639/41/21/66	935/52/30/81	758/48/28/77	29/0/11/13
*MJ5Z	380/18/11/47	461/38/15/58	964/52/19/73	866/51/29/83	14/1/8/10

## USA TOP SINGLE OP ALL BAND

Station	80	40	20	15	10
AC0C	284/49/10/22	472/49/22/52	991/48/29/80	974/33/29/96	23/4/8/9
W7RN	185/42/9/10	654/52/23/50	741/52/26/69	1108/46/26/80	68/9/14/17
*K2PO/7	147/41/10/12	274/45/20/44	525/48/26/67	595/40/28/72	22/2/9/11
W3LL	241/39/10/34	215/32/12/36	601/37/21/58	376/10/15/52	23/3/7/8
*N1XF	93/28/7/14	245/43/13/51	432/30/20/67	485/21/21/74	31/6/9/11

## WORLD TOP SINGLE OPERATOR ASSISTED ALL BAND

K11G	361/46/16/55	621/50/28/81	985/49/33/101	997/39/34/108	93/25/15/22
AA3B	321/47/13/47	796/50/23/78	1002/48/31/97	953/35/33/103	55/14/14/19
SN7Q	321/16/13/57	596/43/26/74	860/54/35/100	1027/53/33/95	67/0/16/33
UW1M	238/2/10/45	746/40/26/80	1341/52/29/85	1047/40/28/79	128/0/18/28
PI4DX	207/11/12/48	645/48/28/81	662/51/32/90	854/52/34/93	56/2/20/38

## USA TOP SINGLE OPERATOR ASSISTED ALL BAND

K11G	361/46/16/55	621/50/28/81	985/49/33/101	997/39/34/108	93/25/15/22
AA3B	321/47/13/47	796/50/23/78	1002/48/31/97	953/35/33/103	55/14/14/19
N7AT	90/37/13/16	743/53/29/70	534/52/30/82	874/43/29/95	33/5/11/12
N3QE	228/47/13/39	454/50/22/72	554/42/28/89	508/23/22/80	37/7/12/14
W3FV	197/43/11/32	413/39/21/66	511/30/20/73	650/22/25/81	31/2/6/9

## WORLD MULTI-OP SINGLE TRANSMITTER

ES9C	374/17/19/69	982/49/33/105	1604/53/37/123	1551/55/33/122	99/0/23/55
EI7M	260/28/16/60	984/51/31/95	1325/56/34/111	1120/55/36/117	85/3/20/54
CR3A	117/19/10/40	391/45/18/64	1235/53/32/88	1454/52/31/96	104/7/15/40
K1SFA	177/45/17/53	801/53/28/87	994/54/32/105	897/42/33/106	54/20/16/21
*PJ6A	136/40/11/34	473/51/17/57	906/52/26/79	1394/52/28/83	244/39/16/44

## USA MULTI-OP SINGLE TRANSMITTER

K1SFA	177/45/17/53	801/53/28/87	994/54/32/105	897/42/33/106	54/20/16/21
W9SN/4	187/47/14/37	722/53/28/77	686/46/30/93	917/29/32/102	29/7/14/17
W0LSD	152/48/14/20	715/51/28/72	565/50/30/86	744/36/28/92	43/12/10/14
AA7A	129/43/13/20	594/51/27/64	395/53/31/82	711/45/31/100	37/6/12/12
K7BTW	65/37/12/14	457/46/24/59	502/48/32/89	698/41/27/67	14/4/9/11

## WORLD MULTI-OP TWO TRANSMITTER

LX7I	547/26/17/63	1153/50/31/84	1720/55/35/110	1390/54/33/101	105/5/23/42
403A	483/22/15/58	1156/50/28/89	1663/54/33/108	1391/52/32/105	142/1/21/52
P40BC	216/44/13/33	1074/51/29/84	1110/51/31/88	1533/54/25/79	357/43/19/51
IQ9UI	420/29/14/63	992/46/29/90	1562/53/33/103	1306/55/34/109	137/3/23/57
OJ0DX	579/19/16/60	1010/46/26/85	1484/51/32/101	1157/50/33/102	20/0/10/16

## USA MULTI-OP TWO TRANSMITTER

K9CT	473/54/16/43	942/53/28/82	1319/56/36/102	1395/43/34/108	63/12/13/19
N0NI	291/52/13/31	711/50/28/71	1144/51/30/91	900/29/28/93	49/9/10/12
K3MJW	346/50/13/32	457/49/17/57	805/44/30/83	815/31/29/90	44/3/8/11
NJ3I	62/29/9/14	682/52/23/72	739/46/29/84	479/23/24/81	14/2/6/8
W1DX	154/36/10/29	237/38/18/56	560/42/24/77	764/23/28/94	28/2/9/11

## WORLD MULTI-OP MULTI-TRANSMITTER

CR3L	383/38/16/57	1065/52/26/80	1999/54/35/106	1812/53/33/103	715/14/22/70
9A1A	785/20/15/62	1561/49/31/98	1869/55/33/109	1701/55/35/119	272/0/23/64
NR4M	525/51/15/52	961/54/26/80	1423/56/33/98	1373/39/30/98	158/27/17/23
K3EST/6	206/46/14/19	687/52/26/64	651/53/31/83	1074/44/29/91	83/12/14/17
OH5C	318/2/8/43	603/12/20/60	1176/51/28/90	690/37/27/82	26/0/11/20

## USA MULTI-OP MULTI-TRANSMITTER

NR4M	525/51/15/52	961/54/26/80	1423/56/33/98	1373/39/30/98	158/27/17/23
K3EST/6	206/46/14/19	687/52/26/64	651/53/31/83	1074/44/29/91	83/12/14/17



Bill, W8QZA, (as W6QU) operating his favorite mode QRP, in between grandpa duties.

**Single-Op 15-Meter Low Power (113):** Camilo, K3TU, set the new world record with 754K. Second place Jhonny, YV5KG, also broke the old South America record with 565K. Third place Francisco, EE7Y (EC7WA), made 468K, just missing the European record he set last year.

**Single-Op 10-Meter Low Power (23):** Marcelo, CW4MAX (CX2DK), set a new world record of 653K. Aldo, CA3MRD, was second with 170K for the North America win.

### Single Operator QRP (107 logs received)

**Single-Op All Band QRP Power (64):** Three new continental records were set this year. Mark, N2QT, won with 895K for

### EUROPE TOP SINGLE OP ALL BAND

Station	80	40	20	15	10
UB7K	308/11/14/55	692/40/24/71	1195/49/32/90	942/43/31/87	136/0/19/30
S09UM	289/7/9/46	639/41/21/66	935/52/30/81	758/48/28/77	29/0/11/13
*MJ5Z	380/18/11/47	461/38/15/58	964/52/19/73	866/51/29/83	14/1/8/10
*LY80	282/1/8/46	556/33/19/66	932/49/31/89	641/45/27/89	42/0/15/26
IQ2CJ	267/9/12/47	589/43/24/65	733/49/28/78	587/47/30/76	124/0/17/41

### EUROPE TOP SINGLE OPERATOR ASSISTED ALL BAND

SN7Q	321/16/13/57	596/43/26/74	860/54/35/100	1027/53/33/95	67/0/16/33
UW1M	238/2/10/45	746/40/26/80	1341/52/29/85	1047/40/28/79	128/0/18/28
PI4DX	207/11/12/48	645/48/28/81	662/51/32/90	854/52/34/93	56/2/20/38
UR3GU	148/6/10/51	495/37/26/85	875/49/34/113	688/50/32/105	59/0/18/24
UW3U	234/9/11/51	413/41/24/70	923/51/31/82	534/36/29/66	24/0/9/15

### EUROPE MULTI-OP SINGLE TRANSMITTER

ES9C	374/17/19/69	982/49/33/105	1604/53/37/123	1551/55/33/122	99/0/23/55
EI7M	260/28/16/60	984/51/31/95	1325/56/34/111	1120/55/36/117	85/3/20/54
HG1S	126/8/10/52	730/48/24/79	775/53/34/115	972/53/35/98	98/0/22/57
HG7T	384/12/13/59	583/40/25/79	888/53/34/106	819/47/34/101	43/0/15/31
G2F	179/15/13/52	661/45/26/85	1156/54/34/102	567/47/30/89	31/1/13/24

### EUROPE MULTI-OP TWO TRANSMITTER

LX7I	547/26/17/63	1153/50/31/84	1720/55/35/110	1390/54/33/101	105/5/23/42
403A	483/22/15/58	1156/50/28/89	1663/54/33/108	1391/52/32/105	142/1/21/52
IQ9UJ	420/29/14/63	992/46/29/90	1562/53/33/103	1306/55/34/109	137/3/23/57
OJØDX	579/19/16/60	1010/46/26/85	1484/51/32/101	1157/50/33/102	20/0/10/16
S51A	472/14/11/54	868/46/28/86	1242/53/34/106	1050/53/34/110	101/0/19/40

### EUROPE MULTI-OP MULTI-TRANSMITTER

9A1A	785/20/15/62	1561/49/31/98	1869/55/33/109	1701/55/35/119	272/0/23/64
OH5C	318/2/8/43	603/12/20/60	1176/51/28/90	690/37/27/82	26/0/11/20

\*Low Power

## CLUB SCORES

### UNITED STATES

Club	# Entrants	Score
POTOMAC VALLEY RADIO CLUB	47	22,102,725
NORTHERN CALIFORNIA CONTEST CLUB	26	19,783,645
FRANKFORD RADIO CLUB	19	16,444,373
YANKEE CLIPPER CONTEST CLUB	27	12,502,933
SOCIETY OF MIDWEST CONTESTERS	38	11,484,568
ARIZONA OUTLAWS CONTEST CLUB	25	9,354,012
CTRI CONTEST GROUP	5	9,313,383
MINNESOTA WIRELESS ASSN.	40	8,008,202
WILLAMETTE VALLEY DX CLUB	15	6,299,293
WESTERN WASHINGTON DX CLUB	13	5,472,628
TENNESSEE CONTEST GROUP	6	5,395,615
FLORIDA CONTEST GROUP	16	5,250,081
GRAND MESA CONTESTERS OF COLORADO	6	4,761,153
NORTH COAST CONTESTERS	4	3,758,692
KANSAS CITY CONTEST CLUB	4	3,616,670
MAD RIVER RADIO CLUB	7	2,845,236
ALABAMA CONTEST GROUP	9	2,464,656
KENTUCKY CONTEST GROUP	11	2,164,049
SOUTHERN CALIFORNIA CONTEST CLUB	10	1,806,119
LOUISIANA CONTEST CLUB	5	1,789,942
BERGEN ARA	7	1,537,518
CAROLINA DX ASSOCIATION	6	1,518,303
DFW CONTEST GROUP	4	1,323,234
MISSISSIPPI VALLEY DX/CONTEST CLUB	3	1,081,416
BRISTOL (TN/VA) ARC	4	1,016,290
METRO DX CLUB	5	985,861
SPOKANE DX ASSOCIATION	6	977,926
NORTH TEXAS CONTEST CLUB	3	877,144
MERIDEN ARC	3	802,213
NIAGARA FRONTIER RADIOSPORT	4	757,931
SOUTH EAST CONTEST CLUB	3	676,159
CENTRAL TEXAS DX AND CONTEST CLUB	3	656,938
MOTHER LOXE DX/CONTEST CLUB	4	634,443
SWAMP FOX CONTEST GROUP	6	578,484
ORDER OF BOILED OWLS OF NEW YORK	8	529,203
SHENANDOAH VALLEY WIRELESS	4	471,158
GEORGIA CONTEST GROUP	3	216,649
599 DX ASSOCIATION	4	80,211

### DX

BAVARIAN CONTEST CLUB	94	63,058,476
RHEIN RUHR DX ASSOCIATION	56	33,027,276
ITALIAN CONTEST CLUB	105	29,828,207
CROATIAN CONTEST CLUB	13	16,064,176
EA CONTEST CLUB	32	15,227,403
UKRAINIAN CONTEST CLUB	33	15,168,580
HA-DX-CLUB	6	12,734,213
CONTEST CLUB ONTARIO	27	11,753,112
CONTEST CLUB FINLAND	13	11,036,269
SLOVENIA CONTEST CLUB	14	9,907,259
LU CONTEST GROUP	22	8,873,893
CONTEST GROUP DU QUEBEC	9	7,790,507
SP DX CLUB	22	6,860,945
ORCA DX AND CONTEST CLUB	13	6,831,732
LATVIAN CONTEST CLUB	7	5,793,238
ARAUCARIA DX GROUP	17	4,557,818
RUSSIAN CW CLUB	9	4,487,643
YB LAND DX CLUB	25	3,617,952
LITHUANIAN CONTEST GROUP	3	3,602,669
CENTRAL SIBERIA DX CLUB	3	3,601,276
DANISH DX GROUP	6	3,138,354
CLIPPERTON DX CLUB	4	2,979,216
599 CONTEST CLUB	7	2,885,328
DL-DX RTTY CONTEST GROUP	7	2,847,768
KRIVBASS	4	2,199,116
LA CONTEST CLUB	4	2,198,341
URAL CONTEST GROUP	5	2,056,326
ARCK	4	1,949,740
VK CONTEST CLUB	5	1,765,756
RTTY CONTESTERS OF JAPAN	12	1,762,335
VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB	9	1,747,374
RUSSIAN CONTEST CLUB	10	1,640,276
BELARUS CONTEST CLUB	8	1,599,124
SOUTH URAL CONTEST CLUB	3	1,508,794
CONTEST CLUB SERBIA	10	1,444,903
SK6AW HISINGENS RADIOKLUBB	5	1,348,183
BAHRAIN CONTEST TEAM	6	1,290,202
YO DX CLUB	6	1,230,480
TEMIRTAU CONTEST CLUB	3	1,138,164
DONBASS CONTEST CLUB	6	1,129,851
VRHNIKA CONTESTERS	3	905,342
GRIMSBY AMATEUR RADIO SOCIETY	6	845,761
KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB	3	821,068
RU-QRP CLUB	4	759,118
BARIVM DX TEAM	4	757,201
RIO DX GROUP	3	641,064
VU CONTEST GROUP	5	613,636
OMSK RADIO CLUB	6	572,453
THRACIAN ROSE CLUB	5	555,629
UNIVERSITY OF TOKYO CONTEST CLUB	3	519,977
CHILEAN PACIFIC DX GROUP	4	491,898
LITTLE GUN CLUB	6	484,055
BLACK SEA CONTEST CLUB	7	411,852
SOUTH GERMAN DX GROUP	3	345,729
WORLD WIDE YOUNG CONTESTERS	4	328,957
ARKTIKA	3	327,767
GRUPO DXE	3	269,200
CHILTERN DX CLUB	3	183,280
SOUTHERN OSAKA CONTEST CLUB	3	183,072
R4F-DX-G	3	58,139
SAYAN DX CLUB	3	41,003





Operators of 4O3A included, from left to right, standing: Kristjan, S5OXX; Gabriele, IT9RGY; Dino, E75DCE; Haris, E77TK; Dan, MØWUT; Milos, S53X; Hasan, E79AA; Rale, E73CRK; Tadej, S52X; and Aljosa, S57MM. Seated, left to right, are: Nicolo, IZ6TSA; Rok, S57LR; and Matej, S57BM.

## Youth Contesting Program Activates 4O3A for CQ WW RTTY 2015

BY TADEJ ARCON, S52X

**R**anko Boca's top-gun station, 4O3A, which is located on a hilltop 586 meters (1922 feet) above Boka Katorska Bay in Montenegro, for the first time hosted the IARU Youth team for the CQ WW RTTY 2015 contest. Youth team contesters came from Bosnia and Herzegovina, Great Britain, Italy, and Slovenia, specifically E73CRK, E75DCE, E79AA, IT9RGY, IZ6TSA, MØWUT, and S57BM.

This time, the highest score was not our main goal, but rather teaching young operators about contesting. Youngsters, supervised by experienced hams, did most of the contest operation. While we made every effort to return QSOs, sometimes we were slow or some of the youngsters were confused about procedures, but it was the cost of the learning curve. The mentors did not take control over the keyboard, until the situation went critical.

We chose the M2 category with a basic two-radio setup because most of the ops had never operated from a powerful station. So, we had no reason to complicate matters even more. The only extra piece of equipment was a local RTTY Skimmer

server on an i7 PC. The rest of the team who helped keep the station running were: E77TK, S5OXX, S52X, S53X, S57MM, and S57LR.

The Youth Contesting Program (YCP) is a really brilliant occasion for many young hams to visit interesting contesting locations and get the unique chance to experience new countries and share amateur radio knowledge with other youngsters.

I have to say it was a really great opportunity to share different kinds of knowledge and ideas. In both ways: The youngsters received important advice and knowledge, the experienced hams, on the other hand, received fresh ideas and maybe a whole new perspective on an old theory. And the most important thing: If the youngsters enjoyed the few days together as much as we "old" hams did, then the purpose of YCP was achieved!

### Resources:

Video: <[youtu.be/0b3sIQ1NGJA](https://youtu.be/0b3sIQ1NGJA)>



the North America record. Rodrigo, CT1BXT, took 2<sup>nd</sup> with 735K and Rudolf, DK7HA (F5VBT), took 3<sup>rd</sup> with 727K. Fourth place Rich, VE3KI, set a new Canada record with 687K. Sixth place Nobuo, JA6GCE, set a new Asia record with 379K. Ninth place Robert, KH6KG, set a new Oceania record with 188K.

**Single-Op 80-Meter QRP (6):** Stefano, IK4UXA, won. Sid, W3/NH7C, set a new North America record with 4,620 and Shunichiro, JH7IMX, set a new Asia record with 715.

**Single-Op 40-Meter QRP (7):** Rayce, YT2PFR, won with 55K.

**Single-Op 20-Meter QRP (13):** Mikael, SBØA (SMØLPO), set a new world record with 147K. Manuel, ZP9MCE, set a new South America record of 30K and Stefano, KH6/KD2BGM, set a new Oceania record with 192 points.

**Single-Op 15-Meter QRP (15):** Alestra, IW9GTD, won with 46K. Ted, N5IJE, broke his own North America record with 30K and Sri, YC2MDU, broke his own Oceania record with 17K.

**Single-Op 10-Meter QRP (2):** Varga, HA3HX, won with 3K.

### Single-Op Assisted High Power (571 logs received)

**Single-Op Assisted All Band High Power (432):** In a very tight shoot-out for first place, Rick, KI1G, with 5.2M prevailed over Bud, AA3B, with 5.0M by working more multipliers. Bud had 70 more QSOs and higher overall QSO points, but it wasn't quite enough to overcome Rick's 50 additional mults. Third place Krzysztof, SN7Q, won Europe with 4.6M and 7<sup>th</sup> place Lee, VE7CC, won Canada with 3.1M.

**Single-Op Assisted 80M High Power (12):** Franco, I4AVG, won with 144K. In 5<sup>th</sup> place, Robert VY2/WJ5DX set a new North America record of 64K and in 6<sup>th</sup> place. Damir, RK9AX, set a new Asia record of 35K.

**Single-Op Assisted 40M High Power (21):** Filippo, IQ1RY, set a new world record of 662K. Marin, 9A5M, was second with 520K and Vidmantas, LY2SA, was third with 504K.

**Single-Op Assisted 20M High Power (49):** Stephane, F4DXW, won with 1.1M, barely short of his world record set in 2013. Jan, 9A5Y, took second with 845K and Joel, VE6WQ, was third with 758K, just short of his North America record set in 2010.

**Single-Op Assisted 15M High Power (49):** Alexandr, R7AB, won with 762K. Fifth place Susan, K5DU, won North America with 587K and sixth place Jorge, LU5VV, set a new South America record of 564K.

**Single-Op Assisted 10M High Power (8):** Geraldo, PY2SHF (PU2TRX), won with 82K.

### Single-Op Assisted Low Power (530 logs received)

**Single-Op Assisted All Band Low Power (382):** Fabi, VA2UP, won with 3.3M and Gerardo, ED1A (EA1AST), was second with 1.6M. Doug, VA3DF, was third with 1.3M and fourth place Yana, YB1AR, set a new Oceania record with 1.1M.

**Single-Op Assisted 80M Low Power (13):** Paul, UR6EA, set a new Europe record to win with 63K.

**Single-Op Assisted 40M Low Power (26):** Marijan, S56A, won with 288K; Saulius, LY5W, was second with 259K; and Bozidar, YT2B, was third with 217K. All three beat the former world record of 188K in this category.

**Single-Op Assisted 20M Low Power (41):** Mohamed, 5C5W (CN8KD), set a new world record of 809K. Pietro, IW3RUA, was second with 460K.

**Single-Op Assisted 15M Low Power (51):** Carlo, IZ8GNNR, won with 296K. Miguel, CT3FW, established the first Africa record of 62K.

**Single-Op Assisted 10M Low Power (17):** Juan, LTØH (LU3HY) won with 298K and Juan, CA3CBM, was second with 266K.

### Single-Op Assisted QRP (39 logs received)

**Single-Op Assisted All Band QRP (13):** Dmitry, RX1CQ, won with 657K and David, KE8M, was second with 379K.

**Single-Op Assisted 80M QRP (7):** The first three finishers all

broke the world record: Pieter, ON3DI, with 36K; Andrej, SP6GCU, with 32K; and Dmitrij, UT3N, with 22K.

**Single-Op Assisted 40M QRP (8):** Klaus, DJ2RG, won with 60K, just shy of his record of 62K set in 2013. Sid, NW3R (NH7C), set a new North America record of 15K. (Note that Sid also set a new 80M QRP record for North America with his W3/NH7C call sign, an interesting application of SO2R!)

**Single-Op Assisted 20M QRP (3):** Santi, EA3KX, set a new world record with 149K.

**Single-Op Assisted 15M QRP (5):** Jaime, EA5ATK, won with 47K.

**Single-Op Assisted 10M QRP (2):** Roberto, IKØEIE, won with 5.6K.

### Multi-Operator (156 logs received)

**Multi-Single High Power (67):** The ES9C team (ES4BG, ES4RD, ES5JR, ES5QA, ES5RY, ES5TV, ES7GM, YL2KF, YL3DW) set a new Europe record to win with 9.2M. EI7M (EI3JE, EI3JZ, EI3KD, EI2FG, EI6HB) took second with 7.1M, and CR3A (CT3BD, CT3DZ, CT3EE, CT3EN, CT3KY) took third with 5.6M. Fourth place K1SFA (W1TO, K1MK, K1MAZ, K1SFA, K1TTT, @K1TTT) won North America with 5.0M.

**Multi-Single Low Power (51):** The PJ6A team (NM1Y, K5AC, WBØTEV) set a new world record of 5.0M. Husband and wife team YV1KK (Julio, YV1KK, and Grecia, YY1YLY) took second with 3.4M.

**Multi-Two (30):** LX7I (LX2A, DF7ZS, DL6ZBN, DD5ZZ, DF8XC, DL8LR, DK5ON) won with 8.9M. Second place 4O3A (4O3A, E73CRK, E75DCE, E77TK, E79AA, IZ6TSA, IT9RGY, MØWUT, S52X, S53X, S57BM, S57LR, S57MM, S50XX, YU1JW,) with 8.5M, just squeaked by P4ØBC (DK7MCX, DL2MLU, DL6RAI) with 8.4M. (See the sidebar story of the youth operation by 4O3A.)

**Multi-Multi (8):** CR3L (DG7JB, DJ2YA, DJ6QT, DJ7JC, DK1QH, DK4QT, DL6TK) won with 13M and second place 9A1A (9A2DQ, 9A5W, 9A5DDT, 9A6A, 9A7C, 9A8A) had 11.6M. NR4M (NR4M, K7SV, K4GMH, K4EC, KS4Q, K3NC, N7TY, K4MIL, KA4RRU, ND3N, N3ZV, N4DXS) won North America with 7.0M.

### Clubs

**Worldwide:** The top three clubs are the same as last year, but the second and third place finishes exchanged. The Bavarian Contest Club (BCC) achieved the top club score worldwide with 63.0M across its 94 log entries. The Rhein Ruhr DX Association took second with 33.0M and the Italian Contest Club (ICC) rallied 105 entries to take third worldwide with 29.8M.

**United States:** The Potomac Valley Radio Club (PVRC) with 47 logs and 22.1M prevailed over the Northern California Contest Club (NCCC) with 26 logs and 19.8M. Frankford Radio Club had 19 logs and 16.4M for third place. These three clubs were 4<sup>th</sup>, 5<sup>th</sup>, and 6<sup>th</sup>, respectively, worldwide.

### Logs

Log statistics were similar to the past four years. There were enough logs submitted so that 86% of all QSOs were cross-checked and 97% of those QSOs were deemed good. Only 1% of all QSOs had busted (incorrect) call signs. Another 1.5% were not found in the other station's log. Busted exchanges improved to 1.0%. Perhaps stations are being more careful with their pre-fill databases! Individual Log Check Reports (LCRs) are available upon request to <w0yk@cqwrrty.com> where you can see how your log stacks up against the overall numbers.

### Website

The contest website <www.cqwrrty.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 geographical breakdown and all-time records), are all at your fingertips.

*(Continued on page 101)*