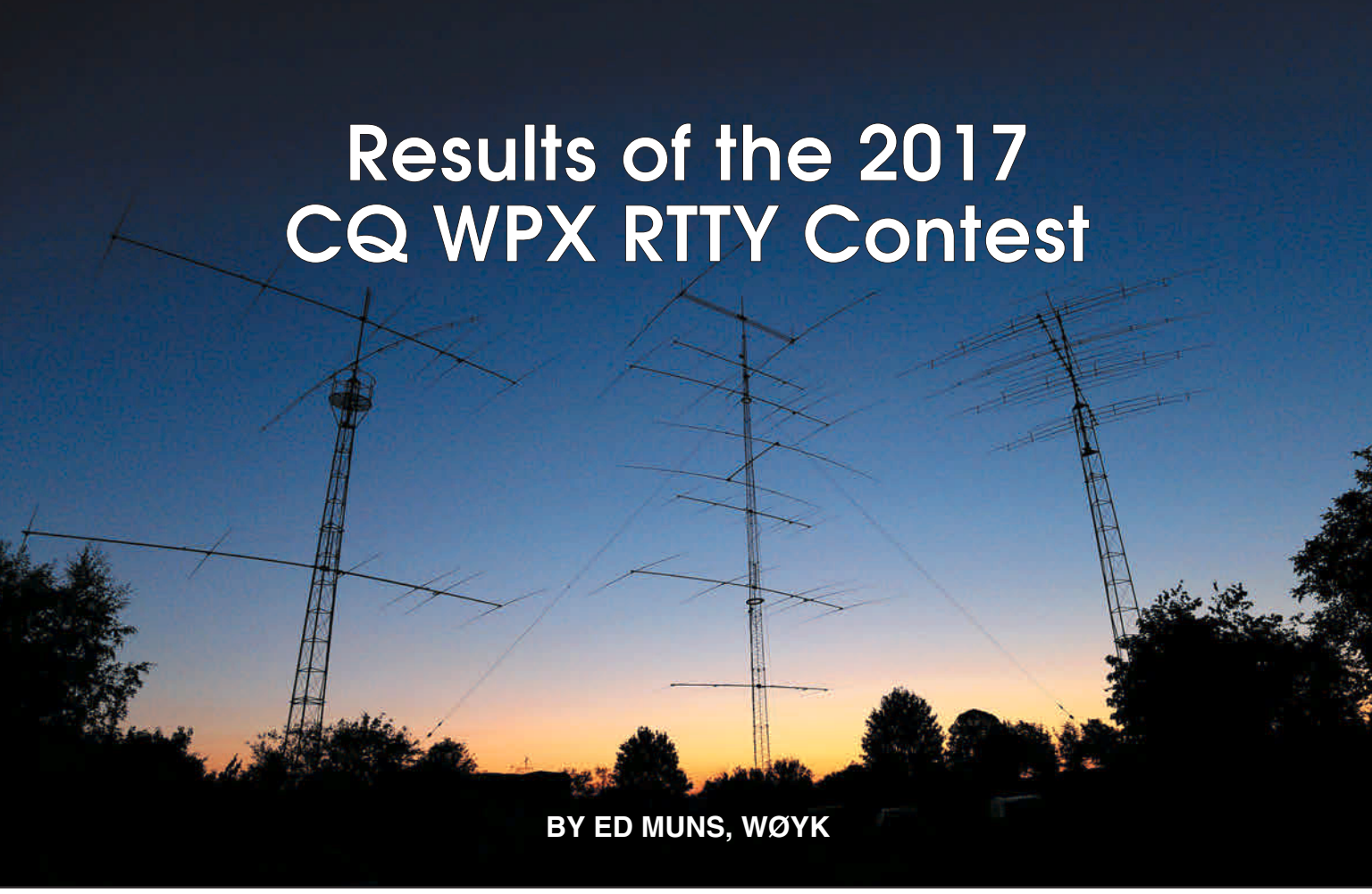
Results of the 2017 CQ WPX RTTY Contest



BY ED MUNS, WØYK

LX7I at sunrise.

The 23rd running of the CQ WPX RTTY Contest had plenty of activity for all participants. There were 5,770 unique callsigns appearing at least five times across the 3,283 logs received. At the same time, the bulk of the activity shifted to the lower bands. One of the great things about the WPX contests is that low-band contacts earn twice the points as those on higher frequencies. So, even in between sunspot cycle peaks, even in the absence of 10-meter propagation, great scores were achieved. In fact, the proportion of QSOs on 10 and 15 meters hit an 8-year low this contest. Forty and 20 meters hosted the bulk of activity. The table below shows the percentage of QSOs on each band across all logs received for the last eight years:

Band	2010	2011	2012	2013	2014	2015	2016	2017
80	13%	15%	11%	11%	8%	7%	10%	17%
40	27%	28%	23%	26%	21%	21%	23%	33%
20	36%	35%	27%	28%	22%	21%	25%	36%
15	23%	21%	30%	29%	28%	27%	32%	14%
10	0.5%	1%	9%	6%	21%	25%	11%	0.1%

Records continue to be set despite declining high-band conditions. There are still some excellent opportunities, especially in the Single Band categories, for regional and even world records to be set in the future. There were actually a higher number of both World and Continent records broken in 2017 than in 2016. As expected, the new records (see below) are heavily weighted toward the lower bands.

** P.O. Box 1877, Los Gatos, CA 95031-1877*
Email: <w0yk@cqww.com>

	World		Continent	
	New	**Avail**	**New**	**Avail**
SO10	–	3	–	18
SO15	–	3	2	18
SO20	–	3	1	18
SO40	2	3	7	18
SO80	3	3	6	18
SOAB	1	3	2	18
MSH	–	1	–	6
MSL	1	1	3	6
M2	–	1	1	6
MM	–	1	–	6
Total	7	22	22	132

Logs received remained approximately the same as last year at 3,283 with another 2,487 unique callsigns appearing at least five times in the submitted logs. These nearly 5,800 stations across 141 DXCC/WAE entities made 1.18 million QSOs. Once again, 9A1A captured the most prefixes at 1,245. To get a taste of what operating a large CQ contest feels like, some stations have posted YouTube videos, including SQ8GHY, SZ1A, OHØV, S55W, and NT1K.

Single-Operator (3,034 entries)

There are many Single-Operator entry categories to satisfy a wide range of interests. Low Power remains the most popular power level while 40 and 20 meters were the most pop-

From left to right: Team leader Helmut, DF7ZS; and Georg, DJ6GI, part of the large LX7I Multi-Two team.

ular Single Band categories this year as 15 and 10 decline. Here are the specifics:

	80	40	20	15	10	SB	AB	SO
QRP	13	29	27	15	1	85	66	151
LP	66	165	163	86	2	482	1355	1837
HP	42	71	94	37	1	245	801	1046
Total	121	265	284	138	4	812	2222	3034

QRP (151)

Rudolf, TM3T (F5VBT), won the All Band category again, falling short of the world record he set in 2015. Andrzej, SP6GCU, was second and Petronel, YP8W (YO8SEP), took third. Dave, K2YG, won North America; Hisami, 7L1IOU, won Asia; and Edy, YD2YIZ, won Oceania.

2017 CQWW WPX RTTY TOP WORLD SCORES

SINGLE OPERATOR HIGH POWER ALL BAND

P49X 14,019,444
SN7Q 7,796,954
LZ8E 7,704,477
AA3B 7,601,078
UW1M 7,146,272
AK1W 6,287,424
OM2VL 5,957,600
UW3U 5,446,235
HF9M 5,209,800
ACØC 5,171,740

21 MHz

EB8AH 3,340,080
ZZ2T 2,427,780
ZX2V 2,379,832
LTØH 1,354,590
EA7ZY 555,103

14 MHz

ED1A 2,528,036
M7C 2,294,065
9A5Y 2,218,167
EA6VQ 2,171,988
RM6C 1,958,580

7 MHz

P3X 6,153,056
IZ4NIC 5,389,984
SSØA 4,953,234
ZF9CW 4,810,762
4M1K 4,530,240

3.5 MHz

OL9A 3,491,768
IQ1RY 2,632,672
OK1NP 2,084,360
S53X 1,902,264
I4AVG 1,864,356

LOW POWER ALL BAND

*YO9HP 4,575,618
*KK9A 3,865,350
*LZ9R 3,837,267
*S56A 2,647,274
*EA8PT 2,510,672
*PJ6T 2,210,978
*RU9AC 2,199,192
*UT8EL 2,192,476
*VA3DF 2,119,526
*WV1K 2,040,996

28 MHz

*JF1OVA 108

21 MHz

*YY4TSS/1 1,989,053
*PY2UD 1,015,144
*ZV2C 910,336
*YD1SDL/2 648,704
*HGØR 309,662

14 MHz

*IT9ZMX 1,491,006
*5C5W 1,477,350
*EE7Y 1,463,665
*LZ45YE 851,778
*YV5AAX 626,916

7 MHz

*YT2B 2,275,042
*IK3TPP 1,982,574
*YT5X 1,806,196
*YO4NF 1,666,680
*G8X 1,553,472

3.5 MHz

*EB3CW 1,532,200
*UZ2HZ 893,976
*OM3ZWA 805,896
*F5BEG 768,952
*OK4GP 737,770

QRP ALL BAND

TM3T 1,500,960
SP6GCU 1,039,476
YP8W 631,005
DL5RK 484,176
DL8TG 460,824
UR5IHD 408,408
K2YG 404,386
TG9IIN 318,720
DL3MVC 239,888
G4FPA 206,064

21 MHz

HG3IPA 46,706
E73Z 35,088
HG3C 18,403
YB2VMC 8,476
WD9FTZ 8,308

14 MHz

RW4S 352,544
TG9ANF/4 244,664
SBØA 205,146
S51DX 177,990
YU1RH 101,906

7 MHz

LZ5T 516,186
DQ2C 332,136
YT2PFR 249,288
OK2FD 219,438
DL2LDE 145,728

3.5 MHz

HA3MY 643,510
YO9BCM 287,448
HG6C 178,360
IK4UXA 138,156
9A4AA 64,350

MULTI-OPERATOR SINGLE TRANSMITTER (HIGH)

HG17EYOF 10,231,836
IQ6AN 8,935,476
IQ9UI 8,918,518
9AØZ 6,734,952
NV9L 6,551,960
VC3A 5,968,050
OL3A 5,846,108
S55W 5,582,325
SX2X 4,818,443
WK7S 4,688,635

MULTI-OPERATOR SINGLE TRANSMITTER (LOW)

*9A7T 3,301,307
*MØA 2,764,790
*WW4LL 2,701,674
*OM3KWZ 2,052,240
*IQ3UD 2,042,586
*UT3C 1,933,905
*NG1R 1,642,368
*SP2KDS 1,626,992
*ED3D 1,477,539
*IQ2CU 1,349,726

MULTI-OPERATOR TWO TRANSMITTER

CR3A 18,969,955
LX7I 16,994,359
S51A 11,657,632
DP7D 11,561,946
K9CT 10,610,913
SZ1A 8,292,253
DP9A 8,260,449
IQ2CJ 7,394,274
DL7ØDSH 5,744,088
ED2C 4,065,475

MULTI-OPERATOR MULTI-TRANSMITTER

9A1A 22,386,345
NR4M 13,455,106
LY2W 12,970,860
RWØA 9,291,058
YL4U 8,393,229
AA5AU 7,621,722
DL1DVO 7,415,386
ES5Q 6,592,512
OF5C 6,439,152
UZ2I 3,157,712

ROOKIE HIGH POWER ALL BAND

KØKB 2,009,128
LZ1KDP 1,571,908
OK7LO 630,825
UA9TF 545,456
AI6DO 175,824
MØVSE 116,600
IV3DXW 36,125

14 MHz

IU4CHE 1,050,714

7 MHz

WR1ST (KC1CWF) 89,232

LOW POWER ALL BAND

*EW7BA 883,064
*YP8W 631,005
*ON3LX 586,880
*SP5AN 398,370
*IU4FNO 379,008
*EA3HKA 279,250
*SI6I 252,240
*OO7R 164,619
*IU1GNA 159,894
*UR5ZEP 118,508

21 MHz

*YD1SDL/2 648,704
*YD4GBN 242,520
*A96A 81,936
*PU8TAS 7,540

14 MHz

*YV5EMG 214,008
*UR4RXJ 63,585
*IU8FUL 54,824
*KK6KMU 29,768
*JT1PB/QRP 22,841

7 MHz

*CM8NMN 69,840
*YD2YQE 13,000
*IU5DVC 12,882
*EA2DWG 11,934
*OE1VMC 4,030

3.5 MHz

*DO2MRC 178,702
*DO9TM 110,080

TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND

IV3SKB 4,580,800
N3QE 3,427,666
RT9S 3,158,400
EF1A 2,775,630
DM5TI 2,774,304
YL9T 2,720,128
DL6NDW 2,707,320
J42P 2,210,760
V31VP 2,208,219
IT9VCE 1,866,634

21 MHz

ZZ2T 2,427,780
L77D 168,909
IK4ALM 72,216
JR1NHD 56,994
VU2IBI 16,133

14 MHz

M7C 2,294,065
IQ4RN 1,301,152
IW3QRM 1,038,636
CU2AF 986,248
IW1QN 721,350

7 MHz

WT4O 3,056,300
S51CK 2,299,588
EA5DM 1,463,190
EA1BD 1,315,020
S58Q 1,160,736

3.5 MHz

HA8BE 1,014,600
LX1HD 876,006
SP5DL 511,888
EA3ELZ 310,828
IT9BLB 256,176

LOW POWER ALL BAND

*UT5EPP 1,925,924
*IT9PZM 1,711,584
*CT7AJL 1,547,850
*LZ1ZM 1,543,185
*ON4CT 1,527,750
*DL3SYA 1,472,064
*SV8DTD 1,397,877
*UR5CN 1,350,564
*OK8DD 1,328,591
*UT2IO 1,278,229

21 MHz

*ZV2C 910,336
*HGØR 309,662
*IKØPRP 230,076
*EA8CNR 153,657
*ER1OO 125,398
*I3FGX 115,392

14 MHz

*DR16ØTESLA 481,140
*UR5QU 466,875
*OQ4B 311,064
*IZ8EFD 299,264
*K6GHA 263,713

7 MHz

*YT2B 2,275,042
*IK3TPP 1,982,574
*DL5KUD 686,000
*VA1XH 682,880
*HA4WQ 540,960

3.5 MHz

*UZ2HZ 893,976
*OK4GP 737,770
*IW4EGX 611,490
*DO4OD 261,744
*UR7CB 162,316

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FTDX3000

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The radio

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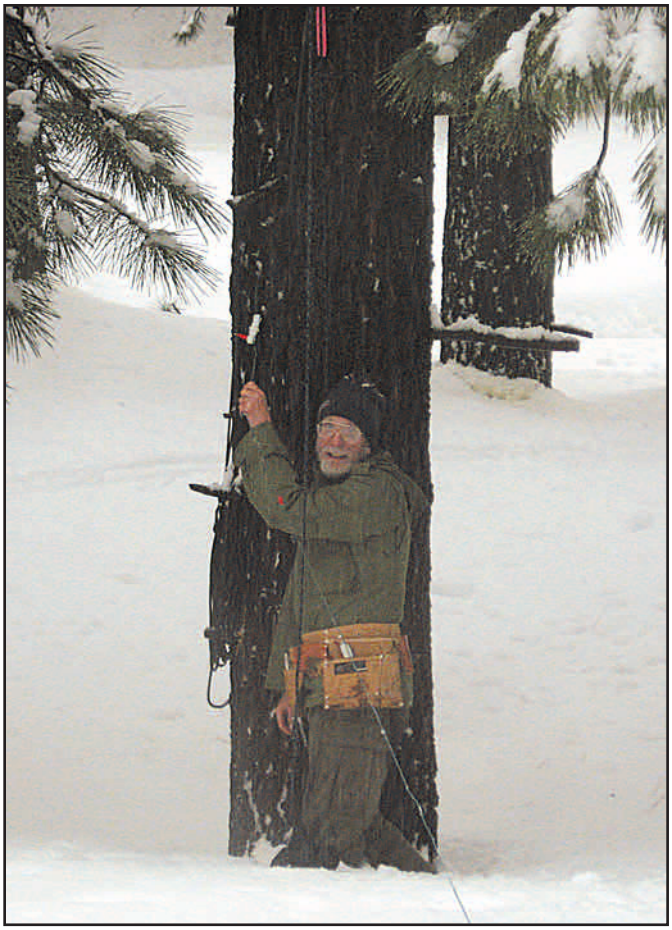


Hank, W6SX, repairing wire antennas at his QTH, 8,000 feet above sea level near Mammoth, California, in preparation for his SO AB HP entry.

Two members of the SZ1A Multi-Two team (from left to right): Thomas, SV2CLJ, new guest op; and Dimitris SV1RRO, in his first contest!

Istvan, HA3MY, set a new world record on 80 meters. Virgil, YO9BCM, was second and 6th place Glenn, WØGJ, set a new North America record, in fact the highest non-European score to date in this contest.

Val, LZ5T, also set a new world record on 40 meters with Harald, DQ2C (DL2SAX), and Rayce, YT2PFR, taking second and third respectively. Eleventh place Edwin, 4M5EN (YV5EN), set a new South America record.

Twenty meters was won by Konstantin, RW4S (RU4SS), with Francisco, TG9ANF/4, coming in second.

Gabor, HG3IPA (HA3JB), took 15 meters with Zijad, E73Z, in second.

ON3DI was the lone entry on 10 meters and Pieter's single QSO illustrates the sorry state of this band.

Low Power (1,837)

Alexandru, YO9HP, won the All Band category with John, KK9A, taking second place. Atanas, LZ9R; Marijan, S56A; and Richard, EA8PT, took the next three places. Jeff, PJ6T (NM1Y), was 6th and Aleksandr, RU9AC, was 7th. Nearly tied with Alek was Oleg, UT8EL.

Axel, EB3CW, set a new 80-meter world record with Sergej, UZ2HZ, and Juraj, OM3ZWA, taking second and third. Ninth-place Alessandro, H2X (5B4ALX), set a new Asia record.

Forty meters was won by Bozidar, YT2B. Fabio, IK3TPP, and Stojanovic, YT5X, were 2nd and 3rd respectively. Seventh place was secured by Sulaiman, 7Z1SJ, who also won Asia; and eighth place Jose, 4M4C, won South America. Tenth place Bob, WA1FCN, set a new North America record.

Vittorio, IT9ZMX, won 20 meters with Mohamed, 5C5W (CN8KD); and Francisco, EE7Y (EC7WA), very close behind. Fifth-place Aldo, YV5AAX, won South America and seventh-place Juan, CO2JD, won North America.

Carlos, YY4TSS/1, won 15 meters with a new South America record and Guilherme, PY2UD, was second. Mauricio, ZV2C, took third. Fourth place Handiko, YD1SDL/2, won Oceania.

Two stations entered 10 meters with Takeshi, JF1OVA, on top.

High Power (1,046)

Ed, P49X (WØYK), won All Band and was just shy of the world record set in 2014, showing the potential of WPX contests at the bottom of a solar cycle with their low-band point premium. Krzysztof, SN7Q (SP7GiQ), took second; Boyon, LZ8E (LZ2BE), was a close third; and Bud, AA3B, was not too far behind and came in fourth. Victor, UW1M, was next with Randy, AK1W (K5ZD), in fifth. With a plethora of major CW and SSB wins, Randy is invading RTTY now, when he finds time after hundreds of volunteer hours he still contributes to contest management.

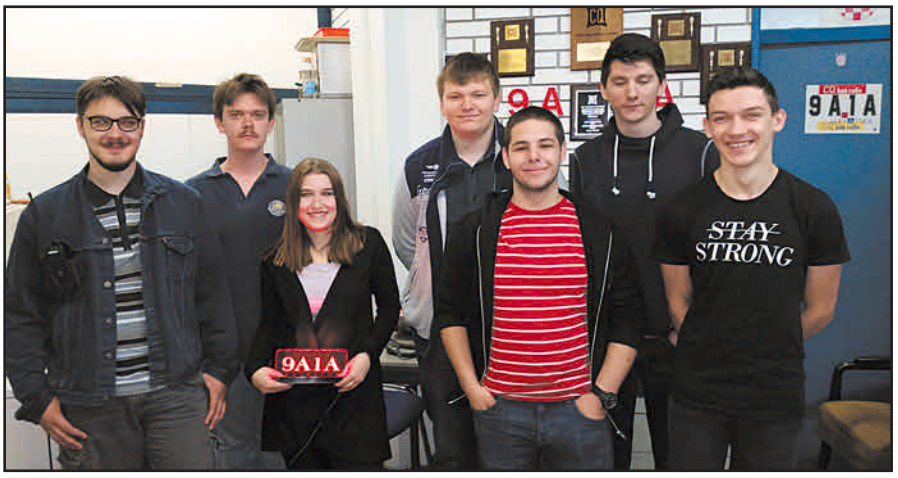
Jan, OL9A (OK2ZAW), took first place on 80 meters with Filippo, IQ1RY (IZ1LBG), placing second, both breaking the prior world record. Jan's goal was a new OK record, which he clearly overachieved. Along with Jan, another Jan, OK1NP; Filippo, IQ1RY (IZ1LBG); and Milos, S53X, all joined the online real-time scoreboard at cq-contest.net and had a blast with their little mini-competition throughout the weekend. Read more details at <http://bit.ly/2riZOOk>. Overall, the first 17 places were all in Europe. Then came Ron, N6EE, in 18th for the top North America score.

Sergey, P3X (UT5UDX), set a new world record on 40 meters. Second place Nicola, IZ4NIC (@IR4M), changed his plan from 20 meters to 40 meters due to a broken cable. Tine, S5ØA; Stan, ZF9CW; Julio, 4M1K; and Alexandr, R7AB, were next in line. ZF9CW also set a new North America record.

Gerardo, ED1A (EA1AST), won 20 meters followed by Richard, M7C (M5RIC); Jan, 9A5Y (9A3LG); Gabriel, EA6VQ; and Alexandr, RM6C (R7DA). Sixth place Max, KH6ZM, won Oceania. Tenth place Noel, VE2RYY, won North America.

Kari, EB8AH (OH4KA), set a new world record on 15 meters. Next were Wanderley, ZZ2T (PY2MNL); Julio, ZX2V (PY2XV@PX2A); and Juan, LTØH (LU3HY). Ibrahim, A61ZX, in 8th place won Asia followed by Alan, VK4SN, winning Oceania.

Again, only one entry on 10 meters, IZ3NVR submitted just one QSO.



The younger generation portion of the winning 9A1A Multi-Multi team were (from left to right): Aron, 9A7ROR; Domagoj, 9A7CDZ; Mihaela, 9A7MIM; Dario, 9A5GTX; Filip, 9A5MON; Petra, 9A5CPP; and Luka, 9A5CLK.

Multi-Operator (139)

Multi-Single is the most popular multi-operator category, by far, with high-power entries just edging out low-power operations.

Multi-Single Low Power (51)

9A7T (9A2EU, 9A4KJ, 9A4OP, 9A5MR) set a new world record followed by MØA (G0BSU, G8APB) and WW4LL (WW4LL, W4DXX, N9DFD, W4KTR, K4NV, N4LR) who were nearly tied each other. WW4LL set a new North America record.

Multi-Single High Power (58)

First place went to special prefix HG17EYOF (HA1TJ, HA1DAI, HA1SN, and HA1DAE), not surprisingly a busted callsign for many stations. That's certainly a callsign you want to see printed the same way at least twice! IQ6AN (IZ6TSA, IK6JNH, IK6VXO) and IQ9UI (IT9EQO, IT9WNU, IT9CHU, IV3YYK, IT9CJC, IT9AUG) were almost tied for 2nd and 3rd respectively. Fifth place

2017 CQWW WPX RTTY TOP UNITED STATES SCORES

SINGLE OPERATOR
HIGH POWER
ALL BAND

AA3B	7,601,078
AK1W	6,287,424
ACØC	5,171,740
WK1Q	5,050,915
WK5T	4,837,704
W3LL	4,030,607
N2WK	3,530,592
N3QE	3,427,666
KU2M	3,263,660
K5DU	3,238,110

21 MHz

K2SSS	124,215
NØOK	36,915
KFØIQ	3,400

14 MHz

KQ7W	717,324
KY7M	442,092
W4UAT	228,919
AA7V	152,628
KE8M	126,840

7 MHz

K8IA	2,017,334
W9PA	1,607,140
K3AJ	1,027,500
WJ2D	901,728
KQ7M	340,538

3.5 MHz

N6EE	369,040
K4SV	282,020
WK9U	195,300
N6SS	181,440
WA3FRP	145,360

LOW POWER
ALL BAND

*KK9A	3,865,350
*WV1K	2,040,996
*K3ZU	1,699,004
*W4GO	1,136,652
*K2LNS	1,079,766
*KA2D	870,048
*W3RGA	741,506
*N8CWU	740,326
*WN6K	681,804
*KR1ST	666,442

21 MHz

*K3NK	73,684
*N2WN	22,860
*N7DB	9,940
*N3CZ	2,480
*K8NQW	1,860

14 MHz

*K6GHA	263,713
*W4LC	218,025
*AB1J	185,498
*K7OX	174,636
*WNØL	109,865

7 MHz

*WA1FCN	1,040,172
*KB3LIX	447,218
*K7WP	234,252
*W5KLF	183,556
*WB8JUI	137,900

3.5 MHz

*WB8BZK	136,836
*WN4AFP	7,102

QRP
ALL BAND

K2YG	404,386
W6QU	153,276
NX8G	121,737
NE5LL	94,380
N8ME	74,205
NTØZ	40,467
N6HI	15,990
KI4STU	3,735
N7RCS	1,944

21 MHz

WD9FTZ	8,308

14 MHz

NK5G	9,639
KB6QIT	5,700
KU7Y	3,430

7 MHz

N5IJE	126,636
KB2HSH	7,260
W4ER	5,040

3.5 MHz

WØGJ	52,500
KB4KBS	30,600
K3TW	1,850
AC8SA	1,488

MULTI-OPERATOR
SINGLE TRANSMITTER (HIGH)

NV9L	6,551,960
WK7S	4,688,635
W3MJ	4,037,859
KZ1W	3,168,540
NCØDX	3,122,023
NY4I	2,810,572
WX3SKY	2,681,514
N7QT	1,462,866
WS9V	1,431,290
K4KGG	1,391,712

MULTI-OPERATOR
SINGLE TRANSMITTER (LOW)

*WW4LL	2,701,674
*NG1R	1,642,368
*WCØAAA	18,156

MULTI-OPERATOR
TWO TRANSMITTER

K9CT	10,610,913
KG4USN	2,753,252
NW8S	1,653,960
AG6AU	951,965
WB8SKP	335,072

MULTI-OPERATOR
MULTI-TRANSMITTER

NR4M	13,455,106
AA5AU	7,621,722
NE3F	2,236,176

ROOKIE
HIGH POWER
ALL BAND

KØKB	2,009,128
AI6DO	175,824

7 MHz

WR1ST	89,232

LOW POWER
ALL BAND

*K8RCT	31,436
*K8PJK	27,040
*KM4FRM	24,130
*WØTK	22,785
*W2TET	22,264
*W6SFI	10,472
*KD9HNU	9,324
*AB3YH	4,773
*WØNY	3,078
*KE8ANS	2,376

14 MHz

*KK6KMU	29,768

TRIBANDER/SINGLE ELEMENT
HIGH POWER
ALL BAND

N3QE	3,427,666
W4ML	1,782,957
WA7LNW	1,164,053
AD5XD	1,106,760
NO2T	1,052,940
N4VZ	899,640
4U1WB	804,232
KY3W	753,519
K2DSW	722,801
NA6O	701,825

14 MHz

AA7V	152,628
NS4X	6,500

7 MHz

WT4O	3,056,300
KQ7M	340,538
KØPK	265,278
NF3R	251,694
W9AKS	67,496

3.5 MHz

WK9U	195,300
WA3FRP	145,360
AI4WW	30,644

LOW POWER
ALL BAND

*KA2D	870,048
*W3RGA	741,506
*NN5T	473,990
*WB2RHM	360,159
*KM6Z	357,607
*KB9BIB	353,685
*K2AL	287,140
*KE2D	281,265
*KK8MM	266,481
*KW9U	218,757

21 MHz

*N7DB	9,940

14 MHz

*K6GHA	263,713
*W4LC	218,025
*AB1J	185,498
*N6BHX	4,416

7 MHz

*KB3LIX	447,218
*W5KLF	183,556
*AB9YC	121,072
*WFØT	108,416
*W6HGF	88,704

3.5 MHz

*KB4KBS	30,600
*WN4AFP	7,102

**Low Power*

NV9L (NV9L, W9ILY, N9LAH, K9CS, and WB9Z) won North America.

Multi-Two (20)

CR3A (CT3BD, CT3DZ, CT3DL, CT3EN, CT3EE, CT3KY, and CT3IA) handily took first place for a new Africa record. The LX7I (DF7ZS, DL6ZBN, DK5ON, DJ6GI, DD5ZZ, DL8LR, LX2A) team was second. Fifth place K9CT (N9CK, K3WA, K9NR, K9CT, N7US, and K9WX) won North America.

Multi-Multi (10)

9A1A (9A5W, 9A9A, 9A6A, 9A7R, 9A7C, 9A8A, 9A7MIM, 9A7CDZ, 9A5CPP, 9A5CMM, 9A5CKM, 9A5CPL, 9A5GTX, 9A7ROR, 9A5MON, and 9A5CLK), as they have in the recent past, won first place, far ahead of the competition. They also use their operation to train young operators, bringing on at least 25 16-year olds each year. The contest team is mostly youngsters age 16-20. The "Goat Farm" at NR4M (AI4WU, K3NC, K3UI, K4GMH, K4MI, K4MIL, K7SV, KA4RRU, KS4Q, N3AIU, N3ZV, N4DXS, NR4C, NR4M, W1IE, and W3TB) in second place also provides opportunity for new operators to develop their contesting skills. Sixth place AA5AU @W4AAW (AA5AU, N1MGO, W6IHG, W4AAW, W4TMO, MMØLID, and KJØD) is notable because it is a completely remote operation choosing the famous RTTY AA5AU call-sign for this year's effort. They had an internet service interruption the first 16 hours and still made second place North America.

Club Competition

World: The Bavarian Contest Club took no prisoners once again with its 102 entries. The Rhein Ruhr DX Association with 52 logs got past the Italian Contest Club with 61 logs. Fourth place was claimed by the Ukrainian Contest Club with 46 logs entered.

North America: Leading this continent and fifth place overall was the Potomac Valley Radio Club with 59 logs entered, followed by the Society of Midwest Contesters with 42 logs and the Northern California Contest Club with 43 logs. The Frankford Radio Club with 30 logs almost caught the NCCC.

Closing

This contest allows QSO spotting for all entry classes. Thus, all entries are "Assisted" whether or not the entrant actually uses QSO spotting assistance.

2017 CQWW WPX RTTY TOP EUROPE SCORES

SINGLE OPERATOR HIGH POWER ALL BAND

SN7Q	7,796,954
LZ8E	7,704,477
UW1M	7,146,272
OM2VL	5,957,600
UW3U	5,446,235
HF9M	5,209,800
OFØV	5,093,510
IV3SKB	4,580,800
LY6A	4,361,421
IZ8EPX	4,129,217

21 MHz

EA7ZY	555,103
LZ6Y	372,710
IK2YCW	297,843
G9V	140,794
LY1R	127,296

14 MHz

ED1A	2,528,036
M7C	2,294,065
9A5Y	2,218,167
EA6VQ	2,171,988
RM6C	1,958,580

7 MHz

IZ4NIC	5,389,984
S5ØA	4,953,234
R7AB	4,379,130
LZ5K	2,391,444
S51CK	2,299,588

3.5 MHz

OL9A	3,491,768
IQ1RY	2,632,672
OK1NP	2,084,360
S53X	1,902,264
I4AVG	1,864,356

LOW POWER ALL BAND

*YO9HP	4,575,618
*LZ9R	3,837,267
*S56A	2,647,274
*UT8EL	2,192,476
*DM6DX	1,979,660
*UT5EPP	1,925,924
*OE2GEN	1,834,250
*S51MA	1,768,612
*UC6A	1,752,219
*Z36W	1,746,379

21 MHz

*HGØR	309,662
*CT1BXE	264,872
*EA1ACP	256,553
*IKØPRP	230,076
*YT8A (YU1EA)	137,448

14 MHz

*IT9ZMX	1,491,006
*EE7Y	1,463,665
*LZ45YE	851,778
*URØHQ	616,196
*OQ6A	541,751

7 MHz

*YT2B	2,275,042
*IK3TPP	1,982,574
*YT5X	1,806,196
*YO4NF	1,666,680
*G8X	1,553,472

3.5 MHz

*EB3CW	1,532,200
*UZ2HZ	893,976
*OM3ZWA	805,896
*F5BEG	768,952
*OK4GP	737,770

QRP ALL BAND

TM3T	1,500,960
SP6GCU	1,039,476
YP8W	631,005
DL5RK	484,176
DL8TG	460,824
UR5IHD	408,408
DL3MVC	239,888
G4FPA	206,064
OF2LZI	184,107
IK3TZB/QRP	155,200

21 MHz

HG3IPA	46,706
E73Z	35,088
HG3C	18,403
II3CV	7,866
UR1YDD	5,250

14 MHz

RW4S	352,544
SBØA	205,146
S51DX	177,990
YU1RH	101,906
USØMS	97,388

7 MHz

LZ5T	516,186
DQ2C	332,136
YT2PFR	249,288
OK2FD	219,438
DL2LDE	145,728

3.5 MHz

HA3MY	643,510
YO9BCM	287,448
HG6C	178,360
IK4UXA	138,156
9A4AA	64,350

MULTI-OPERATOR SINGLE TRANSMITTER (HIGH)

HG17EYOF	10,231,836
IQ6AN	8,935,476
IQ9UI	8,918,518
9AØZ	6,734,952
OL3A	5,846,108
S55W	5,582,325
SX2X	4,818,443
DQ5M	4,583,712
ED7P	4,404,275
OK1KSL	4,208,268

MULTI-OPERATOR SINGLE TRANSMITTER (LOW)

*9A7T	3,301,307
*MØA	2,764,790
*OM3KWZ	2,052,240
*IQ3UD	2,042,586
*UT3C	1,933,905
*SP2KDS	1,626,992
*ED3D	1,477,539
*IQ2CU	1,349,726
*OK2RVM	1,062,270
*UT4UWC	969,330

MULTI-OPERATOR TWO TRANSMITTER

LX7I	16,994,359
S51A	11,657,632
DP7D	11,561,946
SZ1A	8,292,253
DP9A	8,260,449
IQ2CJ	7,394,274
DL7ØDSH	5,744,088
ED2C	4,065,475
OZ1AARHUS	363,916

MULTI-OPERATOR MULTI-TRANSMITTER

9A1A	22,386,345
LY2W	12,970,860
YL4U	8,393,229
DL1DVO	7,415,386
ES5Q	6,592,512
OF5C	6,439,152
UZ2I	3,157,712

ROOKIE HIGH POWER ALL BAND

LZ1KDP (LZ1FRE)	1,571,908
OK7LO	630,825
MØVSE	116,600
IV3DXW	36,125

14 MHz

IU4CHE	1,050,714

LOW POWER ALL BAND

*EW7BA	883,064
*YP8W	631,005
*ON3LX	586,880
*SP5AN	398,370
*IU4FNO	379,008
*EA3HKA	279,250
*SI6I	252,240
*OO7R	164,619
*IU1GNA	159,894
*UR5ZEP	118,508

14 MHz

*UR4RXJ	63,585
*IU8FUL	54,824
*RY7KAB	15,662

7 MHz

*IU5DVC	12,882
*EA2DWG	11,934
*OE1VMC	4,030

3.5 MHz

*DO2MRC	178,702
*DO9TM	110,080

TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND

IV3SKB	4,580,800
EF1A	2,775,630
DM5TI	2,774,304
YL9T	2,720,128
DL6NDW	2,707,320
J42P	2,210,760
IT9VCE	1,866,634
DL6DH	1,693,874
DJ8EW	1,490,438
DL1DTL	1,458,873

21 MHz

IK4ALM	72,216

14 MHz

M7C	2,294,065
IQ4RN	1,301,152
IW3QRM	1,038,636
CU2AF	986,248
IW1QN	721,350

7 MHz

S51CK	2,299,588
EA5DM	1,463,190
EA1BD	1,315,020
S58Q	1,160,736
IZ8FWN	878,362

3.5 MHz

HA8BE	1,014,600
LX1HD	876,006
SP5DL	511,888
EA3ELZ	310,828
IT9BLB	256,176

LOW POWER ALL BAND

*UT5EPP	1,925,924
*IT9PZM	1,711,584
*CT7AJL	1,547,850
*LZ1ZM	1,543,185
*ON4CT	1,527,750
*DL3SYA	1,472,064
*SV8DTD	1,397,877
*UR5CN	1,350,564
*OK8DD	1,328,591
*UT2IO	1,278,229

21 MHz

*HGØR	309,662
*IKØPRP	230,076
*ER1OO	125,398
*I3FGX	115,392
*ED4T (EA4CWN)	106,624

14 MHz

*DR16ØTESLA	481,140
*UR5QU	466,875
*OQ4B	311,064
*IZ8EFD	299,264
*EU1DX	249,106

7 MHz

*YT2B	2,275,042
*IK3TPP	1,982,574
*DL5KUD	686,000
*HA4WQ	540,960
*LY2PAD	376,470

3.5 MHz

*UZ2HZ	893,976
*OK4GP	737,770
*IW4EGX	611,490
*DO4OD	261,744
*UR7CB	162,316

**Low Power*

We welcome the participation of D1A, D1M, and D1WW from the DPR (Donetsk People's Republic). Unfortunately, this disputed area, with the 'D1' unassigned ITU prefix, is not yet on either the DXCC or WAE entity lists, which constitute the criteria for inclusion in the contest results. As much as we want to include any and all amateur stations, we must adhere impartially to the DXCC and WAE lists for determining entity status in CQ contests.

A searchable database of the results from every CQ WPX RTTY Contest is available at <www.cqwpxrtty.com/scores.htm>.

Log Check Reports (LCRs) suggest ideas to improve operating accuracy. This valuable information is available upon request to <w0yk@cqwpxrtty.com>. You can compare your log check statistics with the averages across all logs in this contest:

- 0.8% busted (incorrect) received callsign
- 1.5% busted serial number received
- 1.4% NIL (Not In Log)
- 3.7% total error rate
- 6.9% score reduction (with penalties and lost mults, score reduction is higher than raw error rate)

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

Great Contest! Great fun! Nice condx. –DG7NFX
First time ever RTTY operation. Lot of fun. –DJ3HW
All time personal best! –K4WW

Certificates are now available online for download and printing locally. The link for your certificate is on the far right of your score listing in the Scores Database at <www.cqwpxrtty.com/scoresry.htm>.

Sponsoring a plaque is an opportunity to give back and show appreciation for the contest. You can choose an unsponsored plaque in any category, whether listed or not at <www.cqwpxrtty.com/plaques.htm>. Contact <w0yk@cqwpxrtty.com> to sign up.

A number volunteers work tirelessly in the background to bring contests to us. Ken, K1EA, and Randy, K5ZD, continue to improve and support the log checking and website software. KM3T, N5KO, and K5TR quietly manage the IT infrastructure behind the log submittal robots, log storage, and log checking software. The WWROF (World Wide Radio Operators Foundation) provides financial support for IT services as well as support for contesting in general. Finally, thanks to Jason, KD2IWM, Associate Editor at *CQ*, for his supportive editing work.

The 24th CQ WPX RTTY Contest will be held on 10-11 February 2018. I look forward to seeing everyone again then!

(Scores on page 95)

2017 WPX RTTY CLUB SCORES

United States

Club	# Entrants	Score
POTOMAC VALLEY RADIO CLUB	59	42,952,359
SOCIETY OF MIDWEST CONTESTERS	42	34,137,636
NORTHERN CALIFORNIA CONTEST CLUB	43	32,521,250
FRANKFORD RADIO CLUB	30	32,042,108
YANKEE CLIPPER CONTEST CLUB	29	22,965,198
ARIZONA OUTLAWS CONTEST CLUB	29	17,908,634
FLORIDA CONTEST GROUP	13	9,643,139
WILLAMETTE VALLEY DX CLUB	16	7,255,942
WESTERN WASHINGTON DX CLUB	8	6,645,642
KANSAS CITY CONTEST CLUB	4	6,302,807
CENTRAL TEXAS DX AND CONTEST CLUB	7	5,166,402
GRAND MESA CONTESTERS OF COLORADO	8	4,926,964
SOUTHERN CALIFORNIA CONTEST CLUB	21	4,883,948
ORLEANS COUNTY AMATEUR RADIO CLUB	3	4,838,686
MISSISSIPPI VALLEY DX/CONTEST CLUB	4	4,043,801
MINNESOTA WIRELESS ASSN	28	4,039,275
KENTUCKY CONTEST GROUP	11	3,978,388
GEORGIA CONTEST GROUP	3	3,849,901
DFW CONTEST GROUP	7	3,740,305
TENNESSEE CONTEST GROUP	6	3,124,059
SKYVIEW RADIO SOCIETY	5	2,795,032
CTRI CONTEST GROUP	4	2,648,719
SWAMP FOX CONTEST GROUP	9	2,552,550
ALABAMA CONTEST GROUP	9	2,394,576
NORTHEAST WISCONSIN DX ASSN	3	1,942,230
MAD RIVER RADIO CLUB	6	1,929,078
NORTH COAST CONTESTERS	4	1,475,011
PAMLICO AMATEUR RADIO SOCIETY	4	1,442,002
NORTH CAROLINA DX AND CONTEST CLUB	4	1,379,332
NORTH TEXAS CONTEST CLUB	3	1,105,682
N.E. MARYLAND AMATEUR RADIO CONTEST SOCIETY	5	1,084,812
SOUTH EAST CONTEST CLUB	6	1,083,040
SPOKANE DX ASSOCIATION	6	1,080,345
ORDER OF BOILED OWLS OF NEW YORK	3	1,020,667
NEW PROVIDENCE AMATEUR RADIO CLUB	3	1,020,518
CAROLINA DX ASSOCIATION	4	899,637
NIAGARA FRONTIER RADIOSPORT	3	672,628
UTAH DX ASSOCIATION	6	529,245
MILFORD OHIO AMATEUR RADIO CLUB	4	296,630
HILLTOP TRANSMITTING ASSN	3	284,237
SHENANDOAH VALLEY WIRELESS	3	240,737
METRO DX CLUB	3	94,298

DX

BAVARIAN CONTEST CLUB	100	77,201,281
ITALIAN CONTEST CLUB	61	53,703,066
UKRAINIAN CONTEST CLUB	46	47,057,714
RHEIN RUHR DX ASSOCIATION	50	44,789,804
CROATIAN CONTEST CLUB	13	31,433,139
EA CONTEST CLUB	33	29,206,795
SLOVENIA CONTEST CLUB	13	27,690,309
CONTEST CLUB ONTARIO	25	19,591,226
VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB	5	16,114,726
LATVIAN CONTEST CLUB	8	15,252,511
HA-DX-CLUB	4	12,473,704
CONTEST CLUB FINLAND	12	9,163,109
KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB	9	8,694,649
CONTEST CLUB SERBIA	11	7,952,466
BRITISH AMATEUR RADIO TELEDATA GROUP	6	7,585,222
ARAUCARIA DX GROUP	10	5,686,713
GMDX GROUP	8	5,653,678
CONTEST GROUP DU QUEBEC	9	5,554,321
RUSSIAN CONTEST CLUB	13	5,398,721
RIO DX GROUP	9	4,861,196
BELARUS CONTEST CLUB	6	4,625,109
ARABIAN GULF DX GROUP	6	4,402,862
SOUTH URAL CONTEST CLUB	4	4,400,634
KRIVBASS	4	4,148,807
YB LAND DX CLUB	24	4,066,363
RIIHIMAEN KOLMOSET	5	3,914,959
CHILTERN DX CLUB	7	3,136,559
LU CONTEST GROUP	11	3,125,801
ORCA DX AND CONTEST CLUB	9	2,909,220
SP DX CLUB	17	2,901,256
THRACIAN ROSE CLUB	7	2,668,689
RTTY CONTESTERS OF JAPAN	13	2,559,111
SAUDI CONTEST GROUP	3	2,407,156
BALATON RADIOAMATEUR DX CLUB	3	2,359,186
LA CONTEST CLUB	4	2,182,539
ARIPA DX TEAM	3	1,944,802
WORLD WIDE YOUNG CONTESTERS	3	1,853,194
599 CONTEST CLUB	6	1,592,144
VRHNIKA CONTESTERS	3	1,545,008
URAL CONTEST GROUP	6	1,453,162
DL-DX RTTY CONTEST GROUP	3	1,381,562
MARITIME CONTEST CLUB	3	1,270,078
ARCK	6	1,050,365
GRIMSBY AMATEUR RADIO SOCIETY	4	1,013,167
VK CONTEST CLUB	4	1,004,792
VU CONTEST GROUP	7	848,235
CLUB DE RADIO EXPERIMENTADORES DE OCCIDENTE	3	779,076
GIPANIS CONTEST GROUP	3	775,919
RADIO CLUB VENEZOLANO CARACAS	4	720,479
RUSSIAN DIGITAL RADIO CLUB	6	631,205
DANISH DX GROUP	3	623,140
BLACK SEA CONTEST CLUB	3	407,552
ALRS ST PETERSBURG	3	262,306
CDR GROUP	7	222,061
RU-QRP CLUB	5	209,470
YO DX CLUB	4	168,886
CSTA BUCURESTI	3	146,018
CHILEAN PACIFIC DX GROUP	3	134,129
THE AKITA DX ASSOCIATION	3	113,033