# Results of the 2018 CQ WPX RTTY Contest

# BY ED MUNS, WØYK

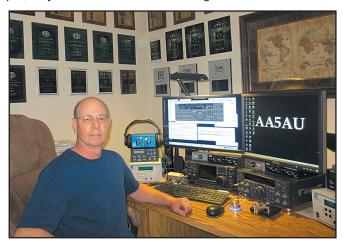
My best result ever in a RTTY WPX contest ... DL7CX Best score ever — in spite of low sunspot numbers. Great activity on the low bands somewhat compensated weak conditions on the high bands ... DQ4W

This was also the  $100^{th}$  birthday celebrations of Estonian Republic ... ES100F

Had fun operating with my balcony ANT ... JG5DHX
Father and son operation to celebrate the centenary of the
restoration of Independence of Lithuania ... LY1ØØCY
Nice to be back on HF RTTY after 15-year absence! ... W4TM
Family party making RTTY with my wife! ... XE2N

s the solar cycle continues its decline, 95% of the QSOs were made on 80, 40, and 20 meters during the 24<sup>th</sup> annual running of the CQ WPX RTTY contest. The number of logs received was up slightly from last year at 3,336. Another 2,134 callsigns appeared in these logs at least five times for an overall participation exceeding 5,500 stations. Although WPX is a DX contest, high activity is available to even the most modest stations due to the callsign prefix multipliers.

Both 15 and 10 meters hit a 9-year low in activity. For example, only 7 stations made double-digit QSO numbers on 10



Don, AA5AU, top RTTY contester, won the Single Operator Low Power category in the U.S.

\* P.O. Box 1877, Los Gatos, CA 95031-1877 Email: <w0yk@cqww.com> meters, led by DX3H with only 25. The top QSO achievers on 15 meters were all in South America, led by ZV2C with 678. *Table 1* shows percent of QSOs by band, across all logs received for the last nine years.

Newly DXCC-approved Kosovo multi-multi station Z6ØA made the most QSOs at 4,374, leading the QSO totals on both 80 and 40 meters with 1,212 and 1,831, respectively. EF9R had the most 20-meter QSOs with his single-band operation. And, once again, multi-multi 9A1A led with the most prefix multipliers at 1,178, though down from their prior years' efforts.

A few new records were set at the World (1) and Continental (4) levels despite the absence of high band propagation. Perhaps this is a tribute to double QSO points on 40 and 80 meters. Still, this is the lowest number of new records since we started keeping track:

	W	orld	Cont	inent
	New	Avail	New	Avail
SO10	0	3	0	18
SO15	0	3	0	18
SO20	0	3	0	18
SO40	0	3	2	18
SO80	0	3	0	18
SOAB	0	3	1	18
MSH	0	1	0	6
MSL	1	1	1	6
M2	0	1	0	6
MM	0	1	0	6
Total	1	22	4	132

Some stations have posted YouTube videos of their operations, including AE5X, DL1RGA, RMØW, S53X, VK3BL, and WXØV. It is encouraging to have youth highlighted such as 12-year-old Nele, DN3CX, in 20-meter High Power; 15-year-old Mason, KM4SII, in Single-Operator All Band Low Power; and 14-year-old Xenia, ZL4YL, in Single-Operator All Band High Power. Xenia is also teaming with her dad, Holger, ZL3IO, in WRTC2018 this month in Wittenberg, Germany.

My first steps on RTTY, Nele [Ed. – 12 year old YL] ... DN3CX 15 year old operator — first big RTTY contest ... KM4SII My first serious entry in a RTTY contest, Xenia [Ed. – 14 year old YL] ... ZL4YL

Band	2010	2011	2012	2013	2014	2015	2016	2017	2018
80	13%	15%	11%	11%	8%	7%	10%	17%	17%
40	27%	28%	23%	26%	21%	21%	23%	33%	36%
20	36%	35%	27%	28%	22%	21%	25%	36%	41%
15	23%	21%	30%	29%	28%	27%	32%	14%	5%
10	0.5%	1%	9%	6%	21%	25%	11%	0.1%	0.03%

Table 1. Band-by-band breakdowns of QSO percentages, 2010-2018

10 • CQ • July 2018 Visit Our Web Site

# Single-Operator (3,060 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 again the most popular Single Band categories this year:

	80	40	20	15	10	SB	AB	SO
QRP	15	32	20	10	0	77	74	151
LP	69	169	193	48	5	484	1288	1772
HP	31	108	116	19	1	275	862	1137
Total	115	309	329	77	6	836	2224	3060

# QRP (151)

Rudolf, DK7HA, mounted a serious All Band QRP result that beat the highest Low Power entry. Scott, MM3AWD, was second with Fabio, IZ8JFL, close behind in third.

All 15 of the 80-meter QRP entries were from Europe. Petronel, YP8W (YO8SEP), dominated and Dragan, E77EA, was second.

Europe also saturated the 32 40-meter QRP entries with only 3 North America, 3 Oceania, and 1 JA. Herman, S53NW, was first and Frank, DQ2C (DL2SAX), was second.

Jaime, EA5ATK, handily won 20-meter QRP with Mubarak, A71MM, and Giovanni, IK1WEG, nearly tied for 2<sup>nd</sup> and 3<sup>rd</sup>, respectively.

Alessandro, H2X (5B4ALX), far outdistanced the other 9 entries in 15-meter QRP.

Not surprisingly, no one submitted a 10-meter QRP entry. But, if someone had ventured into this category, they could have read a lot of books, watched some good movies, and caught up on their email.

# Low Power (1,772)

Andrea, IK6VXO, did a nice job in Low Power All Band to win. From South American, Julio, YV1KK, worked more QSOs for second place, but had fewer prefix multipliers. Aleksander, SN2ØUM (SQ9UM) was third.

Tim, G8X (G4FJK), edged out Silviu, YO4NF, in 80-meter

	2018 CQW	W WPX RTTY TOP WOR	LD SCORES	
SINGLE OPERATOR	*V53DX94,710	US3IW334,260	KD2KW96,976	14 MHz
HIGH POWER ALL BAND	*UN8PT53,802	E72MD242,394	I5JFG84,388	EF1Z1,448,202
P49X (WØYK)10,886,980	01001 100,002	L1 LWD 12,00 1	ADØTR70,923	IK4DCX
OK6W (OK1MU)9,878,436	14 MHz	MULTI-OPERATOR	JK1LUY56,760	IU4CHE1,095,664
SN7Q (SP7GIQ)9,157,520	*5C5W (CN8KD)1,485,766	SINGLE TRANSMITTER (HIGH)	01(120100,700	W9ILY687.554
CR5V (M5RIC)8,525,088	*RM3F (UA4LCQ)972,576	HG1S (HA1TJ)9,406,222	14 MHz	VE10P674,528
IQ2CJ (IK2NCJ)7,590,060	*C6AUM (K4RUM)941,395	9A5D (9A3ID)	IU4FKR191,727	VETO1074,020
AA3B	*IK3TPP823,321	DP7D (DF1QR)6,619,968	DN3CX3,094	7 MHz
E04M (UR5MW)6,815,376	*R9SN	OK70 (OK1DOL)6,131,700	D1007,001	S58Q1,127,712
ACØC6,671,291	110014	OH2HAN (OH8WW)5,158,485	7 MHz	IZ2DII891,660
P3X (UT5UDX)6,254,091	7 MHz	Z37M4,698,696	YC3ZAD (YG3DFB)306	MØUNI523,288
S57K5,736,225	*EB8AH (OH4KA)4,066,128	K90M4,645,652		KT4RR (W5MX)371,280
,,	*EB3CW3,670,370	0E9R (0E9GHV)4,571,756	LOW POWER	SV8DTD368,520
21 MHz	*S56A2,195,568	UZ2I (UT2II)4,412,832	ALL BAND	
CV7S556,400	*IK2PZC1,418,310	OK1KSL (OK1AHJ)4,399,590	*IU6DVS1,240,960	3.5 MHz
VK4SN477,896	*OK6K (OK5IM)1,260,888	, , , , , ,	*EW7BA981,191	EU4E1,328,800
CR6T368,736	, , , , , , , , , , , , , , , , , , , ,	MULTI-OPERATOR	*IU1GNA483,450	IZ3SQW1,239,978
UA9LA0315,252	3.5 MHz	SINGLE TRANSMITTER (LOW)	*0E1GAQ402,192	S51CK1,216,880
ZM2B (ZL2BR)272,118	*G8X (G4FJK)980,672	*9A7T (9A2EU)4,098,255	*S55BA369,234	WA7LNW293,604
	*Y04NF944,832	*OT6M (ON9CC)3,410,617	*OH5Y (OH5EUY)312,954	WA8WZG139,048
14 MHz	*0K4GP893,204	*DQ4W (DK7MCX)2,441,405	*G1P290,146	
EF9R (EA9LZ)3,195,000	*UZ2HZ884,640	*UW7W (UR5WCW)2,216,050	*D01ISE226,678	LOW POWER
IQ1RY (IZ1LBG)3,028,788	*OM3ZWA809,544	*SP2KDS (SP2HMR)2,148,850	*KM4SII197,165	ALL BAND
EM2G (UR7G0)1,837,350		*RA3Y (UA3YD)2,033,136	*YDØMAT191,301	*ZZ2T (PY2MNL)2,556,477
EB7DX1,702,254	QRP	*AG1RL (W1SRD)1,703,358		*DL9YAJ2,448,006
EF1Z1,448,202	ALL BAND	*DLØVG (DF2TG)1,610,860	21 MHz	*UT5EPP1,890,774
K7SCX1,448,202	DK7HA1,752,600	*RK3PWR (R3PJL)1,007,490	*PU4ENY41,515	*DJ4MH1,859,980
	MM3AWD936,632	*HGØR (HAØNAR)903,540	*YD8UYJ7,872	*CT1BXT1,803,613
7 MHz	IZ8JFL914,382		*PV8AJ2,144	*R7MM
\$52X5,853,176	OK2FD788,624	MULTI-OPERATOR		*0E2E (0E2GEN)1,635,668
IZ4NIC	YU1LM/QRP466,900	TWO TRANSMITTER	14 MHz	*RA9AU1,595,556
SN2M (SP2XF)4,145,750	K2YG411,174	Z6ØA (DD2ML)15,977,736	*W3YI (K3GDS)18,414	*DL3SYA1,565,991
UT4U (UT5UJ0)4,045,094 UT2IU3,830,832	SBØA (SMØLPO)372,711	LX7I (DF7ZS)15,554,448	*IU4IBC	*CT7AJL1,554,000
U12IU3,83U,832	RD9D364,840	S51A (S51TC)12,698,262	*KN4FIM	21 MHz
3.5 MHz	R7K0346,437	ES1ØØC (ES5RY)12,516,180	*JT1PB/QRP3,145 *K9WWW1.188	*ZV2C (PY2CX)795,810
HG8R (HA8JV)2,691,034	HF1ØØI342,067	HG7T (HA7TM)11,528,850	N9VVVVV1,100	*L77D (LU6DC)141,426
UX2X (UT2XQ)2,051,034		LY1ØØCY (LY7Z)10,029,410	7 MHz	
UB6B (R7AB)1,926,712	94 MU=			*I3ECY 11 339
	21 MHz	SZ1A (SV1BD0)9,471,165		*I3FGX11,328 *PLI2WSO 3.816
	H2X (5B4ALX)443,520	DAØWRTC (DG1HWM)9,288,016	*IU4FNO697,662	*PU2WSQ3,816
EU4E1,328,800	H2X (5B4ALX)443,520 IZ7FLP39,098	DAØWRTC (DG1HWM)9,288,016 DLØCS (DG8LG)5,626,464	*IU4FNO697,662 *CM8NMN332,258	
	H2X (5B4ALX)443,520 IZ7FLP39,098 RU7A12,328	DAØWRTC (DG1HWM)9,288,016	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570
EU4E	H2X (5B4ALX)	DAØWRTC (DG1HWM)9,288,016 DLØCS (DG8LG)5,626,464 NCØDX (WØLSD)5,235,840	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570
EU4E	H2X (5B4ALX)443,520 IZ7FLP39,098 RU7A12,328	DAØWRTC (DG1HWM)9,288,016 DLØCS (DG8LG)5,626,464 NCØDX (WØLSD)5,235,840 MULTI-OPERATOR	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570 *IK3TPP823,321
EU4E	H2X (5B4ALX) 443,520 IZ7FLP 39,098 RU7A 12,328 RU6YJ 10,626 JR1NKN 4,240	DAØWRTC (DG1HWM)9,288,016 DLØCS (DG8LG)5,626,464 NCØDX (WØLSD)5,235,840  MULTI-OPERATOR MULTI-TRANSMITTER	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570
EU4E	H2X (5B4ALX)	DAØWRTC (DG1HWM)9,288,016 DLØCS (DG8LG)5,262,464 NCØDX (WØLSD)5,235,840 MULTI-OPERATOR MULTI-TRANSMITTER 9A1A (9A5W)18,335,570	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570 <b>14 MHz</b> *IK3TPP823,321 *UR2Y (USØYW)532,542
EU4E	H2X (5B4ALX)	DAØWRTC (DG1HWM)9,288,016 DLØCS (DG8LG)5,626,464 NCØDX (WØLSD)5,235,840 MULTI-OPERATOR MULTI-TRANSMITTER 9A1A (9A5W)18,335,570 LY2W (LY1FW)15,444,525	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570  14 MHz *IK3TPP
EU4E 1,328,800 IZ3SQW 1,239,978 LOW POWER ALL BAND *IK6VXO 5,631,836 *YY1KK 5,294,472 *SN2ØUM (SQ9UM) 4,626,304	H2X (5B4ALX)	DAØWRTC (DG1HWM)9,288,016 DLØCS (DG8LG)5,626,464 NCØDX (WØLSD)5,235,840  MULTI-OPERATOR MULTI-TRANSMITTER 9A1A (9A5W)18,335,570 LYZW (LY1FW)15,444,525 RWØA (RAØAM)12,466,433	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570  14 MHz *IK3TPP823,321 *UR2Y (USØYW)532,542 *W4LC264,278 *VE3TM244,314
EU4E 1,328,800 IZ3SQW 1,239,978 LOW POWER ALL BAND *IK6VXO 5,631,836 *YV1KK 5,294,472 *SN2QUM (SQ9UM) 4,626,304 *IT9RGY/I4 3,674,980	H2X (5B4ALX)	DAØWRTC (DG1HWM)9,288,016 DLØCS (DG8LG)5,626,464 NCØDX (WØLSD)5,235,840  MULTI-OPERATOR MULTI-TRANSMITTER 9A1A (9A5W)15,444,525 RWØA (RAØAM)12,466,433 LZ7A (LZ1AO)8,446,152	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570  14 MHz *IK3TPP823,321 *UR2Y (USØYW)532,542 *W4LC264,278 *VE3TM244,314
LOW POWER ALL BAND *IK6VXO 5,631,836 *YV1KK 5,294,472 *SN2ØUM (S09UM) 4,626,304 *IT9RGY/I4 3,674,980 *Y09HP 3,529,880	H2X (5B4ALX)	DAØWRTC (DG1HWM)	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570  14 MHz *IK3TPP823,321 *UR2Y (USØYW)532,542 *W4LC264,278 *VE3TM244,314 *Y02IS203,200
EU4E 1,328,800 IZ3SQW 1,239,978 LOW POWER ALL BAND *IK6VXO 5,631,836 *YY1KK 5,294,472 *SN2ØUM (SQ9UM) 4,626,304 *IT9RGY/I4 3,674,980 *YO9HP 3,529,880 *LY6A 3,112,382	H2X (5B4ALX)	DAØWRTC (DG1HWM)	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570  14 MHz *IK3TPP823,321 *UR2Y (USØYW)532,542 *W4LC264,278 *VE3TM244,314 *Y02IS203,200  7 MHz *YT2AAA961,968 *0K2RU783,328
EU4E 1,328,800 1Z3SQW 1,239,978   LOW POWER ALL BAND *IK6VXO 5,631,836 *YV1KK 5,294,472 *SN2ØUM (SQ9UM) 4,626,304 *IT9RGY/I4 3,674,980 *YQ9HP 3,529,880 *LY6A 3,112,382 *ZZZT (PY2MNL) 2,556,477	H2X (5B4ALX)	DAØWRTC (DG1HWM)	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570  14 MHz *IK3TPP823,321 *UR2Y (USØYW)532,542 *W4LC264,278 *VE3TM244,314 *YO2IS203,200  7 MHz *YT2AAA
EU4E 1,328,800 IZ3SQW 1,239,978 LOW POWER ALL BAND *IK6VXO 5,631,836 *YY1KK 5,294,472 *SN2ØUM (SQ9UM) 4,626,304 *IT9RGY/I4 3,674,980 *YO9HP 3,529,880 *LY6A 3,112,382	H2X (5B4ALX)	DAØWRTC (DG1HWM)	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570  14 MHz *IK3TPP823,321 *UR2Y (USØYW)532,542 *W4LC264,278 *VE3TM244,314 *Y02IS203,200  7 MHz *YT2AAA961,968 *OK2RU783,328 *IW2MXY688,848 *DL5KUD681,808
EU4E 1,328,800 IZ3SQW 1,239,978  LOW POWER ALL BAND *IK6VXO 5,631,836 *YV1KK 5,294,472 *SN2QUM (SQ9UM) 4,626,304 *IT9RGY/I4 3,674,980 *YO9HP 3,529,880 *LY6A 3,112,382 *ZZZT (PY2MNL) 2,556,477 *VA3DF 2,551,764	H2X (5B4ALX)	DAØWRTC (DG1HWM) 9,288,016 DLØCS (DG8LG) 5,626,464 NCØDX (WØLSD) 5,235,840  MULTI-TRANSMITTER  9A1A (9A5W) 18,335,570 LY2W (LY1FW) 15,444,525 RWØA (RAØAM) 12,466,433 LZ7A (LZ1AO) 8,446,152 DF8AA 7,226,052 OH5C (OH5CY) 6,483,510 KA4RRU 3,798,480 AC3U (W4AAW) 2,740,476	*IU4FNO	*PU2WSQ3,816 *LU9EHU3,570  14 MHz *IK3TPP823,321 *UR2Y (USØYW)532,542 *W4LC264,278 *VE3TM244,314 *YO2IS203,200  7 MHz *YT2AAA
EU4E 1,328,800 IZ3SOW 1,239,978  LOW POWER ALL BAND *IK6VXO 5,631,836 *YY1KK 5,294,472 *SN2ØUM (SQ9UM) 4,626,304 *IT9RGY/I4 3,674,980 *YQ9HP 3,529,880 *LY6A 3,112,382 *ZZ2T (PY2MNL) 2,556,477 *VA3DF 2,551,764 *DL9YAJ 2,448,006	H2X (5B4ALX)	DAØWRTC (DG1HWM)	*IU4FNO 697,662 *CM8NMN 332,258 *ON3LX 271,800 *YG7SPN 45,540 *YG9DFN 4,290  TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND  \$53X 4,875,064 RT9S 4,808,039 N3QE 4,007,640 MT7 (63YYD) 3,745,170 IZ8FWN 3,632,208 DHØGHU 2,845,380 EA8DED (0H2BP) 2,737,140 SIGV 2,130,669	*PU2WSQ
EU4E 1,328,800 IZ3SOW 1,239,978  LOW POWER ALL BAND *IK6VXO 5,631,836 *YY1KK 5,294,472 *SN2ØUM (SQ9UM) 4,626,304 *IT9RGY/I4 3,674,980 *YQ9HP 3,529,880 *LY6A 3,112,382 *ZZ2T (PY2MNL) 2,556,477 *VA3DF 2,551,764 *DL9YAJ 2,448,006	H2X (5B4ALX)	DAØWRTC (DG1HWM)	*IU4FNO	*PU2WSQ
EU4E 1,328,800 123SQW 1,239,978  LOW POWER ALL BAND *IK6VXO 5,631,836 *YV1KK 5,294,472 *SN2ØUM (SQ9UM) 4,626,304 *IT9RGY/I4 3,674,980 *YO9HP 3,529,880 *LY6A 3,112,382 *ZZ2T (PY2MNL) 2,556,477 *VA3DF 2,551,764 *DL9YAJ 2,448,006 *UX1UX 2,205,850	H2X (5B4ALX)	DAØWRTC (DG1HWM)	*IU4FNO 697,662 *CM8NMN 332,258 *ON3LX 271,800 *YG7SPN 45,540 *YG9DFN 4,290  TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND  \$53X 4,875,064 RT9S 4,808,039 N3QE 4,007,640 MT7 (63YYD) 3,745,170 IZ8FWN 3,632,208 DHØGHU 2,845,380 EA8DED (0H2BP) 2,737,140 SIGV 2,130,669	*PU2WSQ
EU4E 1,328,800 IZ3SOW 1,239,978  LOW POWER ALL BAND *IK6VXO 5,631,836 *YV1KK 5,294,472 *SN2ØUM (SO9UM) 4,626,304 *IT9RGY/I4 3,674,980 *YO9HP 3,529,880 *LY6A 3,112,382 *ZZZT (PYZMNL) 2,556,477 *VA3DF 2,551,764 *DL9YAJ 2,448,006 *UX1UX 2,205,850	H2X (5B4ALX)	DAØWRTC (DG1HWM)	*IU4FNO 697,662 *CM8NMN 332,258 *ON3LX 271,800 *YG7SPN 45,540 *YG9DFN 4,290  TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND  \$53X 4,875,064 RT9S 4,808,039 N3QE 4,007,640 MT7 (63YYD) 3,745,170 IZ8FWN 3,632,208 DHØGHU 2,845,380 EA8DED (0H2BP) 2,737,140 SIGV 2,130,669 W4GO 1,996,068 ND9G 1,966,930	*PU2WSQ
EU4E 1,328,800 IZ3SOW 1,239,978  LOW POWER ALL BAND *IK6VXO 5,631,836 *YY1KK 5,294,472 *SN2ØUM (SQ9UM) 4,626,304 *IT9RGY/I4 3,674,980 *Y09HP 3,529,880 *LY6A 3,112,382 *ZZ2T (PY2MNL) 2,556,477 *VA3DF 2,551,764 *D19YAJ 2,448,006 *UX1UX 2,205,850  28 MHz *9W6EZ 480	H2X (5B4ALX)	DAØWRTC (DG1HWM) 9,288,016 DLØCS (DG8LG) 5,626,464 NCØDX (WØLSD) 5,235,840  MULTI-TRANSMITTER 9A1A (9A5W) 18,335,570 LY2W (LY1FW) 15,444,525 RWØA (RAØAM) 12,466,433 LZ7A (LZ1AO) 8,446,152 DF8AA 7,226,052 OH5C (OH5CY) 6,483,510 KA4RRU 3,798,480 AC3U (W4AAW) 2,740,476  ROOKIE HIGH POWER ALL BAND ZL4YL 2,032,233 UW5EKD 1,580,502	*IU4FNO	*PU2WSQ
EU4E	H2X (5B4ALX)	DAØWRTC (DG1HWM) 9,288,016 DLØCS (OG8LG) 5,626,464 NCØDX (WØLSD) 5,235,840  MULTI-TRANSMITTER  9A1A (9A5W) 18,335,570 LY2W (LY1FW) 15,444,525 RWØA (RAØAM) 12,466,433 LZ7A (LZ1AO) 8,446,152 DF8AA 7,226,052 OH5C (OH5CY) 6,483,510 KA4RRU 3,798,480 AC3U (W4AAW) 2,740,476  ROOKIE HIGH POWER ALL BAND ZL4YL 2,032,233 UW5EKD 1,580,502 LA1B (LB1AH) 1,541,740	*IU4FNO	*PU2WSQ
EU4E 1,328,800 IZ3SOW 1,239,978  LOW POWER ALL BAND *IK6VXO 5,631,836 *YV1KK 5,294,472 *SN2ØUM (SQ9UM) 4,626,304 *IT9RGY/I4 3,674,980 *YO9HP 3,529,880 *LY6A 3,112,382 *ZZZT (PY2MNL) 2,556,477 *VA3DF 2,551,764 *DL9YAJ 2,448,006 *UX1UX 2,205,850  28 MHz *9W6EZ 480	H2X (5B4ALX)	DAØWRTC (DG1HWM) 9,288,016 DLØCS (DG8LG) 5,626,464 NCØDX (WØLSD) 5,235,840  MULTI-TRANSMITTER  9A1A (9A5W) 18,335,570 LY2W (LY1FW) 15,444,525 RWØA (RAØAM) 12,466,433 LZ7A (LZ1AO) 8,446,152 DF8AA 7,226,052 OH5C (OH5CY) 6,483,510 KA4RRU 3,798,480 AC3U (W4AAW) 2,740,476  ROOKIE HIGH POWER ALL BAND  ZL4YL 2,032,233 UW5EKD 1,580,502 LA1B (LB1AH) 1,541,740 W3XOX 324,477	*IU4FNO 697,662 *CM8NMN 332,258 *ON3LX 271,800 *YG7SPN 45,540 *YG9DFN 4,290  TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND  \$53X 4,875,064 RT9S 4,808,039 N3QE 4,007,640 MT7 (G3YYD) 3,745,170 IZ8FWN 3,632,208 DHØGHU 2,845,380 DHØGHU 2,845,380 EABDED (0H2BP) 2,737,140 SI6V 2130,669 W4GO 1,996,068 ND9G 1,996,068 ND9G 21 MHz  UA9LAO 315,252 ZM2B (ZL2BR) 371,100	*PU2WSQ
EU4E	H2X (5B4ALX)	DAØWRTC (DG1HWM) 9,288,016 DLØCS (OG8LG) 5,626,464 NCØDX (WØLSD) 5,235,840  MULTI-TRANSMITTER  9A1A (9A5W) 18,335,570 LY2W (LY1FW) 15,444,525 RWØA (RAØAM) 12,466,433 LZ7A (LZ1AO) 8,446,152 DF8AA 7,226,052 OH5C (OH5CY) 6,483,510 KA4RRU 3,798,480 AC3U (W4AAW) 2,740,476  ROOKIE HIGH POWER ALL BAND ZL4YL 2,032,233 UW5EKD 1,580,502 LA1B (LB1AH) 1,541,740	*IU4FNO	*PU2WSQ

Single Band. OK4GP, UZ2HZ, and OM3ZWA took the next three places in 40 meters.

Kari, EB8AH (OH4KA), set a new Africa record to win first place while Axel, EB3CW, took second. Marijan, S56A, rounded out the top three finishers.

Mohamed, 5C5W (CN8KD), handily won 20 meters with Yuri, RM3F (UA4LCQ), and Mike, C6AUM (K4RUM), coming in for close second and third places. Fabio, IK3TPP, was fourth and Serge, R9SN, took fifth place.



Gab, HA3JB, operating an Elecraft KX3 as HG3IPA (International Police Association station), for third place in Europe in the 40-meter QRP category.



JH3EMQ operated in the 40-meter QRP category.

Mauricio, ZV2C (PY2CX), won 15 meters decisively from his South American location. As noted earlier, 15 meters was challenging, especially outside South America.

Jimmy, 9W6EZ, won 10 meters with only 14 QSOs. That just about sums up the high bands!

#### High Power (862)

Ed, P49X (WØYK), won All Band, with his third-lowest result in the past 12 consecutive contests. Pavel, OK6W (OK1MU), and Kris, SN7Q (SP7GIQ), took second and third respectively, moving in on P49X, while breaking the European record. Rich, CR5V (M5RIC), also broke the prior European record and took fourth in this contest. Luca, IQ2CJ (IK2NCJ), was fifth and Bud, AA3B, took sixth.

Pal, HG8R (HA8JV), was first on 80 meters with Toly, UX2X, and Alex, UB6B, taking second and third, respectively.

Tadej, S52X, and Nicola, IZ4NIC, nearly tied and both broke the European record on 40 meters, finishing first and second in this contest. The next three places were taken by Mack, SN2M (SP2XF); Jo, UT4U (UT5UJO); and Alex, UT2IU.

Jorge, EF9R (EA9LZ), and Filippo, IQ1RY (IZ1LBG), battled it out for first and second on 20 meters. Alex, EM2G (UR7GO), and David, EB7DX, were also close for third and fourth. But Juan, EF1Z, and Fred, K7SCX, were exactly tied in fifth place with very different numbers of QSOs and multipliers.

Eugenio, CV7S, won 15 meters and Alan, VK4SN, took second out of the 19 entries.

Dusan, YT8A (YU1EA), was the sole 10-meter entry with 10 QSOs.

All OPs first licensed in 2017 ... 406ATU Again we had youngsters in our team — 9A7RA to 9A5CDS all between 16 and 21 ... 9A1A

# Multi-Operator (126)

Multi-Single is the most popular multi-operator category, by far:

MSL	MSH	M2	MM
38	56	24	8

# Multi-Single Low Power (38)

9A7T (9A2EU, 9A4OP, 9A5MR, 9A5CB) once again set a new world record but so did OT6M (ON9CC, PC5A) for second place.

#### Multi-Single High Power (56)

First place went to HG1S (HA1TJ, HA1DAI, HA1SN, HA1DAE), the same team that took first last year as HG17EYOF (try logging that callsign without busting it!). 9A5D (9A3ID, 9A3SMS, 9A3VM, 9A5DU, 9A7Z) was second and DP7D (DF1QR, DH8AF, DL1REM, DC2YY, DL8UD, DN2HAM) was third.

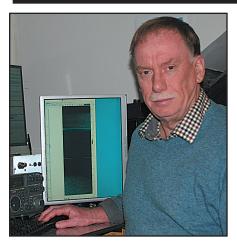
### Multi-Two (24)

The (mostly) German teams at Z6ØA (DD2ML, DJ5IW, DM5TI, S57AW) and LX7I (DF7ZS, DD5ZZ, DJ6GI, DK5ON, DL6ZBN, DL8LR, LX8A) nearly tied for first and second place. S51A (S51TC, S51ZJ, S56B, S5ØO, S57PM, S59MZ) and ES1ØØC (ES5RY with ops. ES5RY, ES5JR, ES4NY ES4RD, ES5QA, ES2DTS) nearly tied for third and fourth places.

# Multi-Multi (8)

9A1A (9A5W, 9A9A, 9A6A, 9A7R, 9A7C, 9A8A, 9A7RA, 9A3WW, 9A5AEV, 9A7QQ, 9A5CPL, 9A7ROR, 9A5CKL,

12 • CQ • July 2018 Visit Our Web Site



G8X (op. G4FJK) took top honors worldwide in the 80-meter Low Power category.



EB3CW was second worldwide in 40meter Low Power category.

9A5AEU, 9A5CDS, 9A5GTX) again took top honors in Multi-Multi, while continuing to sponsor youth ops under 21 years of age. LY2W (LY1FW, LY2FN, LY2MM, LY2NY, LY2PAD, LY2SA, LY2W LY3VP, LY4K LY5O, LY5T) was second. RWØA (RAØAM, RWØAR, RZØAT, RZØAI, RGØA, RAØASG, RY9A, RAØAY, RAØCG, RØAGO, RAØACC, RKØA, UA0103112) took third.

# **Club Competition**

DX: The Bavarian Contest Club rallied 100 entries and dominated again this year. The Ukrainian Contest Club continues to rise in the club rankings, finishing second this year with its 53 entries. Third-fifth places went to the Italian Contest Club with 56 logs, the Croatian Contest Club with 10 logs, and the Slovenia Contest Club with 13 logs. Sixth place HA-DX-Club with only 4 logs was nearly tied with seventh-place Rhein Ruhr DX Association with 49 logs.

North America: Leading this continent and third place overall was the Potomac Valley Radio Club with 57 logs, followed by the Northern California Contest Club with 43 logs and sixth overall. The Frankford Radio Club with 23 logs was third in North America with the Society of Midwest Contesters close behind in fourth with 48 logs.

# Closing

A searchable database of the results

from every CQ WPX RTTY Contest is available at <www.cqwpxrtty.com/ scores.htm>. The search criteria are very versatile, allowing one to see results and records for virtually any combination of category and geographical area in the world. It's a fine way to "level the playing field" and see how one's operating stacks up with more similar stations.

Log Check Reports (LCRs) can suggest ideas to improve operating accu-

2018 CQWW V	VPX RTTY TOP UNITED ST	ATES SCORES
A.U.O A.T. A.T.		*******
SINGLE OPERATOR	K2YGM79,864	*KG2C33,150
HIGH POWER	W6QU (W8QZA)64,815	*AB1ZQ31,948
ALL BAND	KE6K38,192	*K8PJK31,411
AA3B7.536.600	N7RCS23,400	*KF5RLL15,960
ACØC6,671,291	K7HBN18,216	*AB3U9,960
WK1Q (K1MK)5,194,514	K1SX	AD00,300
AK1W (K5ZD)4,538,166	AA60C13,246	14 MHz
W3LL4,216,806	K7XC9,240	*W3YI (K3GDS)18,414
N3QE4,007,640		*KN4FIM5,800
KS7AA (WK6I)3,958,547	14 MHz	*K9WWW1,188
WV1K (N1IXF)3,878,253	WD9FTZ39,345	,
W4PK3,099,404	WK9U20,544	7 MHz
K5DU2,986,478	W3YI (K3GDS)18,414	*N9WTX2.924
K3D02,300,470	KB2HSH1,280	N9W1A2,924
<b>14 MHz</b> K7SCX1,448,202	7 MHz	TRIBANDER/SINGLE ELEMENT
	N5IJE117,972	HIGH POWER
KZ7X (W7WW)903,278	W6GMT	ALL BAND
W9ILY687,554	N9WTX	N3QE4,007,640
WD5K659,775	INDVV I A	W4G01,996,068
NT7G (W7CT)292,523	MILL TI ODERATOR	ND9G1,962,930
KT1I290,377	MULTI-OPERATOR	K07SS1,950,676
	SINGLE TRANSMITTER (HIGH)	KB1RI
7 MHz	K90M4,645,652	K3MD1,306,260
	NA5NN (W5UE)3,328,424	
WQ500 (N800)3,191,366	KR4U (N2ESP)3,004,260	AD5XD
K4GMH2,759,984	K3MJW (WQ3Q)2,548,890	K3WI
K8IA1,745,464	W7MRF (F4ARU)2,349,970	WA7AN (K9DR)1,123,255
K3AJ972,328		N7NM828,080
WJ2D827.640	W4MLB (AF4Z)2,063,712	
,,	W9IL1,407,309	14 MHz
	N2BJ1,346,880	W9ILY687,554
3.5 MHz	WU6TT (W6DR)1,264,976	WD5K659,775
WA7LNW293,604	KK7PR (K7ZS)1,129,096	WV6I (N6WM)130,744
N6SS265,000	,	***************************************
KEØL140,040		
NEDE170,070		
WA8WZG139,048	MULTI-OPERATOR	7 MHz
WA8WZG139,048	SINGLE TRANSMITTER (LOW)	<b>7 MHz</b> KT4RR (W5MX)371,280
	*AG1RL (W1SRD)1,703,358	
WA8WZG	SINGLE TRANSMITTER (LOW)	KT4RR (W5MX)371,280
WA8WZG	*AG1RL (W1SRD)1,703,358	KT4RR (W5MX)
WA8WZG139,048 AD9I94,536 LOW POWER ALL BAND	*AG1RL (W1SRD)1,703,358	KT4RR (W5MX)
WA8WZG	*AG1RL (W1SRD)	KT4RR (W5MX)371,280 K8YE76,172 3.5 MHz WA7LNW293,604
WA8WZG	*AG1RL (W1SRD)	KT4RR (W5MX)
WA8WZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)371,280 K8YE76,172 3.5 MHz WA7LNW293,604
WA8WZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	XT4RR (W5MX)
*AA5AU 1,412,055 *KUZM 1,128,067 *KUZM 1,128,067 *KOZM 1,128,067 *KUZM 1,128,067	*AG1RL (W1SRD)	KT4RR (W5MX)
**WASWZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)       .371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØOK       .41,256         LOW POWER ALL BAND
MASWZG	**XINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)       .371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØOK       .41,256         LOW POWER ALL BAND
MASWZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)       .371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØOK       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401
MASWZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)       .371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØ0K       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *AB9YC       .679,770
MASWZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)       .371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZ6       .139,048         NØOK       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *AB9YC       .679,770         *K73W       .599,199
WA8WZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)       .371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØOK       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *AB9YC       .679,770         *KY3W       .599,199         *NN5T       .520,622
WA8WZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)     371,280       K8YE     76,172       3.5 MHz       WA7LNW     293,604       WA8WZG     139,048       NØOK     41,256       LOW POWER ALL BAND       *W3RGA     859,401       *AB9YC     679,770       *KY3W     599,199       *NNST     520,622       *W4PJW     480,537
WA8WZG	**AG1RL (W1SRD)	KT4RR (W5MX)       371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØ0K       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *AB9YC       .679,770         *KY3W       .599,199         *NN5T       .520,622         *W4FJW       .480,537         *KK8MM       .338,118
WA8WZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)       .371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØOK       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *A89YC       .679,770         *KY3W       .599,199         *NN5T       .520,622         *W4PJW       .480,537         *KK8MM       .338,118         *KG9X       .306,414
WA8WZG	**AG1RL (W1SRD)	KT4RR (W5MX)       371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØ0K       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *AB9YC       .679,770         *KY3W       .599,199         *NN5T       .520,622         *W4FJW       .480,537         *KK8MM       .338,118
WA8WZG	**AG1RL (W1SRD)	KT4RR (W5MX)       .371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØOK       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *A89YC       .679,770         *KY3W       .599,199         *NN5T       .520,622         *W4PJW       .480,537         *KK8MM       .338,118         *KG9X       .306,414
WA8WZG	**AG1RL (W1SRD)	KT4RR (W5MX)       371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØOK       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *AB9YC       .679,770         *KY3W       .599,199         *NN5T       .520,622         *W4PJW       .480,537         *KK8MM       .338,118         *K69X       .306,414         *N2CU       .284,180         *WB9TFH       .258,552
WA8WZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	XT4RR (W5MX)
WA8WZG	**AG1RL (W1SRD)	KT4RR (W5MX)       371,280         K8YE       76,172         3.5 MHz         WA7LNW       293,604         WA8WZG       139,048         NØOK       41,256         LOW POWER ALL BAND         *W3RGA       859,401         *AB9YC       679,770         *KY3W       599,199         *NN5T       520,622         *W4PJW       480,537         *KK8MM       338,118         *K69X       306,414         *N2CU       284,180         *WB9TFH       258,552         *K2AL       243,600
WA8WZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)
WA8WZG	**AG1RL (W1SRD)	KT4RR (W5MX)       371,280         K8YE       .76,172         WA7LNW       293,604         WA8WZG       .139,048         NØOK       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *AB9YC       .679,770         *KY3W       .599,199         *NN5T       .520,622         *W4PJW       .480,537         *KK8MM       .338,118         *K69X       .306,414         *N2CU       .284,180         *WB9TFH       .258,552         *K2AL       .243,600         14 MHz         *W4LC       .264,278
WASWZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)       .371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØOK       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *A89YC       .679,770         *KY3W       .599,199         *NN5T       .520,622         *W4PJW       .480,537         *KK8MM       .338,118         *K69X       .306,414         *N2CU       .284,180         *WB9TFH       .258,552         *K2AL       .243,600         14 MHz         *W4LC       .264,278         *WF6RY (W6ZL)       .125,656
MASWZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)       371,280         K8YE       .76,172         WA7LNW       293,604         WA8WZG       .139,048         NØOK       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *AB9YC       .679,770         *KY3W       .599,199         *NN5T       .520,622         *W4PJW       .480,537         *KK8MM       .338,118         *K69X       .306,414         *N2CU       .284,180         *WB9TFH       .258,552         *K2AL       .243,600         14 MHz         *W4LC       .264,278
MASWZG	**AG1RL (W1SRD)	KT4RR (W5MX)       .371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØOK       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *A89YC       .679,770         *KY3W       .599,199         *NN5T       .520,622         *W4PJW       .480,537         *KK8MM       .338,118         *K69X       .306,414         *N2CU       .284,180         *WB9TFH       .258,552         *K2AL       .243,600         14 MHz         *W4LC       .264,278         *WF6RY (W6ZL)       .125,656
MASWZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	XT4RR (W5MX)
MASWZG	**AG1RL (W1SRD)	KT4RR (W5MX)       371,280         K8YE       76,172         3.5 MHz         WA7LNW       293,604         WA8WZG       139,048         NØOK       41,256         LOW POWER ALL BAND         *W3RGA       859,401         *A89YC       679,770         *KY3W       599,199         *NNST       520,622         *W4PJW       480,537         *KK8MM       338,118         *KG9X       306,414         *N2CU       284,180         *WBSTFH       258,552         *K2AL       243,600         14 MHz         *W4LC       264,278         *KF6RY (W6ZL)       125,656         *NG60 (K6GHA)       123,240
MASWZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	KT4RR (W5MX)       371,280         K8YE       .76,172         3.5 MHz         WA7LNW       .293,604         WA8WZG       .139,048         NØOK       .41,256         LOW POWER ALL BAND         *W3RGA       .859,401         *A89YC       .679,770         *KY3W       .599,199         *NN5T       .520,622         *W4PJW       .480,537         *KK8MM       .338,118         *K69X       .306,414         *N2CU       .284,180         *WB9TFH       .258,552         *K2AL       .243,600         14 MHz         *W4LC       .264,278         *KF6RY (W6ZL)       .125,656         *NG60 (K6GHA)       .123,240         *N7XCZ       .6,138         *N9LJX       .1,716
MASWZG	**AG1RL (W1SRD)	KT4RR (W5MX)
MASWZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	XT4RR (W5MX)
MASWZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	STARR (W5MX)
MASWZG	**AG1RL (W1SRD)	XT4RR (W5MX)
MASWZG	**SINGLE TRANSMITTER (LOW) **AG1RL (W1SRD)	STARR (W5MX)
MASWZG	**AG1RL (W1SRD)	KT4RR (W5MX)       371,280         K8YE       76,172         3.5 MHz         WA7LNW       293,604         WA8WZG       139,048         NØOK       41,256         LOW POWER ALL BAND         *W3RGA       859,401         *A89YC       679,770         *KY3W       599,199         *NNST       520,622         *W4PJW       480,537         *KK8MM       338,118         *KG9X       306,414         *N2CU       284,180         *WB9TFH       258,552         *K2AL       243,600         14 MHz         *W4LC       264,278         *KF6RY (W6ZL)       125,656         *NG60 (K6GHA)       123,240         *NTXCZ       6,138         *N9LJX       1,716         7 MHz         *W2VTV       213,962         *K83LIX       36,582         *AB1J       28,704

14 • CQ • July 2018 Visit Our Web Site

.411.174

\*KK4WX

\*AB3YH

43.800

.40.680

\*Low Power

ALL BAND

K2YG.

WB9QAF



The LX7I Multi-Two team (LX8A, DL8LR, DF7ZS, DJ6GI, DL6ZBN, DK5ON, DD5ZZ) finished second in the world, narrowly losing first place to Z6ØA.

racy. This valuable information is available upon request to <w0yk@cqwpx rtty.com>. We now have capability to email each participant a link to their personal LCR. You can compare your log check statistics with the averages across all logs in this contest. This year's statistics are a bit worse than last year. This may be due in part to improved log checking algorithms:

- 1.0% busted (incorrect) received callsign
- 1.6% busted serial number received
- 1.6% NIL (Not In Log)
- 4.5% total error rate
- 7.9% 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.

#### 2018 CQWW WPX RTTY TOP EUROPE SCORES SINGLE OPERATOR \*IZ7UMS 10 092 HG3IPA (HA3JB).. .7.226.052 IK4DCX 1.269.606 OH5C (OH5CY) \*DM2RM **HIGH POWER** ..6,407 LZ8U (LZ2TU) ...... .6,483,510 ALL BAND \*DI 1HRT 2 850 1731BI 169 460 GM4FDM .591.394 OK6W (OK1MU). .9,878,436 UA6LJB. .546.724 \*M7P (G6NHU). ..2.190 ROOKIE SN7Q (SP7GIQ) .9,157,520 3.5 MHz HIGH POWER ALL BAND 7 MHz CR5V (M5RIC) .8.525.088 YP8W (Y08SEP).. 641 948 IQ2CJ (IK2NCJ) .7,590,060 S58Q 1,127,712 .449,880 E77EA UW5EKD 1.580.502 \*RM3F (UA4LCQ) 972,576 EO4M (UR5MW) .6,815,376 IZ2DII .891,660 1,541,740 ON3DI 418,122 LA1B (LB1AH) \*IK3TPP 823 321 S57K .5.736.225 MØUNI 523,288 IIS3IW 334 260 15JFG \*UR2Y (USØYW). 532,542 SV8DTD S53X 4.875.064 .21,432 368.520 E72MD. .242,394 RX4HX \*UT8EI 412.776 EMØI (UT2IZ) .4,742,400 UW5IM .286,288 DF4.IM 12,474 \*UT5CW .376.320 .3.783.344 YL6W (YL2GD) DK6FC .4,719 **MULTI-OPERATOR** 3,745,170 M7T (G3YYD) SINGLE TRANSMITTER (HIGH) 7 MHz EU4E 1,328,800 HG1S (HA1TJ) .. 14 MHz .9.406.222 \*EB3CW. 3,670,370 21 MHz IZ3SQW 1.239.978 IU4FKR .191.727 9A5D (9A3ID) 7.729.238 .2,195,568 \*S56A .1,216,880 CR6T 368.736 S51CK DN3CX .3.094 DP7D (DF1QR) .6.619.968 \*IK2PZC 1.418.310 IT9BLB 197.955 EB2RA .36,946 \*OK6K (OK5IM). OK70 (OK1DOL) .6.131.700 SN5X (SP5GRM) 1.260.888 104.130 LOW POWER OH2HAN (OH8WW) .5.158.485 \*ON5GÒ. 1,138,596 .63.300 LOW POWER ALL BAND 4,698,696 RG4A .28,809 **ALL BAND** \*IU6DVS ,240,960 OE9R (OE9GHV) 4.571.756 \*DL9YAJ .2,448,006 3.5 MHz \*EW7BA .981.191 UZ2I (ÙT2II)... \*G8X (G4FJK)... .980,672 .4.412.832 \*UT5EPP 1,890,774 \*IU1GNA .483.450 OK1KSL (OK1AHJ).... .4.399.590 IQ1RY (IZ1LBG). .3,028,788 .1,837,350 \*YO4NF \*DJ4MH 1.859.980 944,832 \*OE1GAQ 402,192 OM4Q (OM3BY).. EM2G (UR7GO) .4,348,960 \*CT1BXT 1,803,613 \*OK4GP 893 204 \*S55BA. .369,234 EB7DX 1,702,254 \*UZ2HZ \*R7MM 1.677.512 884 640 \*OH5Y (OH5EUY) 312 954 .1,635,668 .1,565,991 1.448.202 \*OM3ZWA **MULTI-OPERATOR** \*OE2E (OE2GEN) 809,544 \*G1P .290.146 IK4DCX 1,269,606 \*DL3SŶA SINGLE TRANSMITTER (LOW) \*D01ISE .226.678 \*CT7AJL 1,554,000 9A7T (9A2EU)... 4.098.255 \*R7RAG .164.928 7 MHz ALL BAND \*OT6M (ON9CC 3,410,617 \*SP6MLX 1 474 600 \*DM4EAX .124,074 S52X 5.853.176 \*EE4A (EA4IE) .1,265,004 1 752 600 DK7HA \*DO4W (DK7MCX) 2 441 405 IZ4NIC .5,819,644 MM3AWD 936,632 \*UW7W (UR5WCW) .2,216,050 SN2M (SP2XF) .4.145.750 IZ8JFL 914.382 \*SP2KDS (SP2HMR) .2,148,850 14 MHz UT4U (UT5UJO) .4.045.094 \*IU4IBC .9.344 OK2FD 788 624 \*RA3Y (HA3YD) 2 033 136 YU1LM/QRP UT2IU .3,830,832 \*M7P (G6NHU) 466,900 \*DLØVĠ (DF2TĠ) .1,610,860 7 MHz SBØA (SMØLPO) 372,711 \*RK3PWŘ (R3PJL) 1,007,490 3.5 MHz III4FNO .697,662 \*HGØR (HAØNAR) R7K0 346 437 903 540 HG8R (HA8JV) 2 691 034 \*IK3TPP 823 321 HF1ØØ 342.067 \*ED3D (EA3AYQ). \*ON3LX .902,892 UX2X (UT2XQ) \*UR2Y (USØYW). .2.065.590 OH2LU 253.952 .532.542 UB6B (R7AB). 1,926,712 MULTI-OPERATOR TRIBANDER/SINGLE ELEMENT 203,200 0H2I 7I 230 603 FII4F 1 328 800 HIGH POWER \*FII1DX 123 220 TWO TRANSMITTER IZ3SQW ALL BAND 1.239.978 \*R5ACQ ..113,120 21 MHz Z6ØA (DD2ML). 15.977.736 S53X .39.098 LX7I (DF7ZS) 15.554.448 .3,745,170 .3,632,208 I OW POWER M7T (G3YYD) RU7A .12.328 S51A (S51TC) 12.698,262 \*YT2AAA .961,968 ALL BAND IZ8FWN. RU6YJ ..10.626 ES1ØØC (ES5RY) 12.516.180 \*IK6VXO .5,631,836 DHØGHU 2.845.380 \*0K2RU ...2,352 HG3C (HA3HX) .. HG7T (HA7TM) 11,528,850 \*SN2ØUM (SQ9UM) 4 626 304 SI6V .2.130.669 \*IW2MXY 688 848 LY1ØØCY (LY7Z) 10.029,410 \*IT9RGY/I4 .3,674,980 YQ6A (YO6BHN) \*DL5KUD 1.939.328 .681.808 SZ1A (SV1BD0) .9,471,165 1,930,815 \*US5MUW \*Y09HP .3,529,880 IT9VCÈ .655,976 DAØWRTC (DG1HWM) FA5ATK 153.647 9 288 016 \*I Y6A 3 112 382 IIX1VT 1.899.436 DLØCS (DG8LG).. 5,626,464 IK1WEG .80.070 \*DL9YAJ .2,448,006 DQ6Q (DL5XJ) 1,867,048 3.5 MHz LZ115RF (LZ1YE) ED2C (EA2KK) .. .41,151 .5,228,282 \*UX1UX .2,205,850 \*OK4GP 893.204 0Z11A 1.848.168 EM9Q (UR9QQ) 26 235 \*IIT5FPP 1 890 774 \*1172H7 884 640 HG6C (HA6IAM). .16.095 \*DJ4MH 1,859,980 **MULTI-OPERATOR** 21 MHz \*IW4EGX 747,558 \*PI4CG (PD2PKM) 1,823,744 MULTI-TRANSMITTER RG4A .28.809 \*11A5F 18 335 570 9A1A (9A5W) \*D040D 7 MHz 247 902 .15,444,525 S53NW 566.720 LY2W (LY1FW) 14 MHz \*I3FGX .11,328 DQ2C (DL2SAX). .1,448,202 .526,680 LZ7A (LZ1A0). .8,446,152 EF1Z \*Low Power

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Certificates are 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.cgwpxrtty.com/ scores.htm>.

Sponsoring a plague is an opportunity to give back and show appreciation for the contest. You can choose an unsponsored plague in any category, whether listed or not at <www.cgwpxrtty.com/plagues.htm>. Contact <w0yk@cgw-</p> pxrtty.com> to sign up.

A number of 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 (WorldWide Radio Operators Foundation) provides financial support for the IT services required, along with other support for contesting in general. All of us can help with our donations to WWROF, so please consider this way to give back to the radiosport. Finally, thanks to Jason, KD2IWM, Associate Editor at CQ Amateur Radio for his supportive editing work.

The 25<sup>th</sup> CQ WPX RTTY Contest will be held on 9-10 February 2019. I look forward to seeing everyone again then!

(Scores on page 95)

My first WPX RTTY ... 9W6XEZ

Mostly trying getting new ham W5MCO on the air ... AA5B First-ever RTTY operation from my own station ... AJ6T My first RTTY Contest and it was lot of fun ... DA9AL

First attempt at RTTY ... G4NBS

I have never used RTTY before entering this contest ... G4OZG First time at WPX RTTY ... GMØHUU

First time in contest ... GM3A

I made 16 QSOs with 16 different DX entities, wanted my 1st RTTY event to be special. I had a lot of fun ... IØ/YO3XX This is my first entry to this contest. I really enjoyed ... JG1XIO

First-time WPX RTTY contester ... K3TEF

I'm new to digital contesting and it was fun ... K6MUG First time ever making RTTY contest Qs ... K9PG First RTTY contest, licensed in SEP 2016 ... KD9GZJ My first CQWW RTTY contest – LOVED IT! ... KE3K

First time participant ... was lots of fun ... KGØDX

First RTTY WPX contest ... NC6R

First RTTY WPX contest ... NE3R

The best contest in RTTY! ... RMØW

My very first RTTY contest! Thanks to Rich, N1IXF, who encouraged me ... W1TJL

My first RTTY contest - had a great time! ... WB9WHG This is my first CQ WPX RTTY contest ... WZ8P This is my first time joining RTTY contest, very excited ... YB1IM

## 0040 WDV DTTV OLUD CCODEC

2018 WPX RTTY CLUB SCORES						
United States		VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB	7 17 342	253		
Club # Entrants	Score	KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB				
POTOMAC VALLEY RADIO CLUB57		WORLD WIDE YOUNG CONTESTERS				
NORTHERN CALIFORNIA CONTEST CLUB		CONTEST CLUB FINLAND	15 11 157	860		
FRANKFORD RADIO CLUB		LATVIAN CONTEST CLUB				
SOCIETY OF MIDWEST CONTESTERS		CONTEST CLUB ONTARIO				
YANKEE CLIPPER CONTEST CLUB		RUSSIAN CONTEST CLUB.				
FLORIDA CONTEST GROUP		BELARUS CONTEST CLUB				
		ARAUCARIA DX GROUP				
ARIZONA OUTLAWS CONTEST CLUB		THRACIAN ROSE CLUB				
WILLAMETTE VALLEY DX CLUB		CONTEST GROUP DU QUEBEC	4 4 700	460		
KANSAS CITY CONTEST CLUB		CHILTERN DX CLUB	44,700,	403		
DFW CONTEST GROUP10	7,244,730	SP DX CLUB				
CENTRAL TEXAS DX AND CONTEST CLUB						
MINNESOTA WIRELESS ASSN21		SOUTH URAL CONTEST CLUB	33,699,	,000		
GRAND MESA CONTESTERS OF COLORADO6		RIIHIMAEN KOLMOSET				
WESTERN WASHINGTON DX CLUB12		CONTEST CLUB SERBIA				
KENTUCKY CONTEST GROUP9		RTTY CONTESTERS OF JAPAN	93,302,	,383		
CTRI CONTEST GROUP6	3,386,551	YB LAND DX CLUB				
SOUTHERN CALIFORNIA CONTEST CLUB19		DANISH DX GROUP				
MAD RIVER RADIO CLUB8		KRIVBASS				
SKYVIEW RADIO SOCIETY4		MEDITERRANEO DX CLUB				
LOUISIANA CONTEST CLUB		LA CONTEST CLUB				
SWAMP FOX CONTEST GROUP7		ORCA DX AND CONTEST CLUB				
DEEP DIXIE CONTEST CLUB4	1,778,982	LU CONTEST GROUP				
BRISTOL (TN/VA) ARC7	1,654,722	URAL CONTEST GROUP				
SHENANDOAH VALLEY WIRELESS	1.422.914	VRHNIKA CONTESTERS				
NIAGARA FRONTIER RADIOSPORT8	1.358.347	RUSSIAN DIGITAL RADIO CLUB				
TEXAS DX SOCIETY6	1.220.585	RUSSIAN CW CLUB				
NORTH COAST CONTESTERS	1.189.020	599 CONTEST CLUB	41,387	,692		
ORDER OF BOILED OWLS OF NEW YORK	1.074.591	SIAM DX GROUP	31,385,	,330		
METRO DX CLUB		SK6AW HISINGENS RADIOKLUBB	41,318,	,764		
TENNESSEE CONTEST GROUP		RIO DX GROUP	71.106	.838		
NEW PROVIDENCE ARC		ARIPA DX TEAM	41.003	.377		
NE MARYLAND AMATEUR RADIO CONTEST SOCIETY5		GRIMSBY AMATEUR RADIO SOCIETY	4966	.643		
CAROLINA DX ASSOCIATION4		MARITIME CONTEST CLUB	.3964	.854		
ALABAMA CONTEST GROUP		SK5AA VASTERAS RADIOKLUBB				
SOUTH EAST CONTEST CLUB	531 208	THAILAND DX ASSOCIATION				
SPOKANE DX ASSOCIATION		GIPANIS CONTEST GROUP				
MOTHER LODE DX/CONTEST CLUB		YO DX CLUB.				
MILFORD OHIO AMATEUR RADIO CLUB	244 046	RADIO CLUB VENEZOLANO CARACAS	6 896	302		
HILLTOP TRANSMITTING ASSN4		GMDX GROUP				
MISSISSIPPI VALLEY DX/CONTEST CLUB. 4.		ARCK				
WISSISSIPPI VALLET DA/CONTEST CLUB4	160,477	CLIPPERTON DX CLUB				
		VK CONTEST CLUB				
DX		PAPUA CONTEST CLUB				
BAVARIAN CONTEST CLUB100	00 000 177	VOLYN CONTEST GROUP				
UKRAINIAN CONTEST CLUB		UA2 CONTEST CLUB				
UNHAINIAN CONTEST CLUB	60,477,863	VU CONTEST GROUP				
ITALIAN CONTEST CLUB		GUARA DX GROUP				
CROATIAN CONTEST CLUB		CDR GROUP				
SLOVENIA CONTEST CLUB		SINGLE FIGHTER DX GROUP				
HA-DX-CLUB4	21,946,298	ORARI LOKAL KEDIRI				
RHEIN RUHR DX ASSOCIATION						
EA CONTEST CLUB23	17,556,510	BANDUNG CONTEST CLUB	ა1,	,220		

VITAUTAS MAGNUS UNIVERSITT RADIO CLUB		
KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUI	34	14,039,025
WORLD WIDE YOUNG CONTESTERS	4	13,396,716
CONTEST CLUB FINLAND	15	11,157,860
LATVIAN CONTEST CLUB	8	10.477.707
CONTEST CLUB ONTARIO	24	9.508.698
RUSSIAN CONTEST CLUB	10	8 739 435
BELARUS CONTEST CLUB		
ARAUCARIA DX GROUP	5	6 022 670
THRACIAN ROSE CLUB		0,023,079
THRACIAN ROSE CLUB		5,176,490
CONTEST GROUP DU QUEBEC	4	4,780,463
CHILTERN DX CLUB	9	4,721,434
SP DX CLUBSOUTH URAL CONTEST CLUB	13	3,758,524
SOUTH URAL CONTEST CLUB	3	3.699.000
RIIHIMAEN KOLMOSET	3	3.461.784
CONTEST CLUB SERBIA	10	3 354 502
RTTY CONTESTERS OF JAPAN		2 202 202
VP LAND DV CLUB		2 121 200
YB LAND DX CLUB		3,131,309
DANISH DX GROUP	9	2,830,660
KRIVBASS	6	2,557,621
MEDITERRANEO DX CLUB	4	2,455,761
LA CONTEST CLUB	4	2.152.270
ORCA DX AND CONTEST CLUB	9	2 056 876
LU CONTEST GROUP	a	2 043 033
URAL CONTEST GROUP	6	1 000 702
VRHNIKA CONTESTERS		1,005,793
PHONAN PIOTAL PARIO OLUB	4	1,865,199
RUSSIAN DIGITAL RADIO CLUB	10	1,447,774
RUSSIAN CW CLUB	4	1,434,850
599 CONTEST CLUB	4	1,387,692
SIAM DX GROUP	3	1,385,330
SK6AW HISINGENS RADIOKLUBB	4	1.318.764
RIO DX GROUP	7	1 106 838
ARIPA DX TEAM	4	1 003 377
GRIMSBY AMATEUR RADIO SOCIETY		066 642
MARITME CONTECT OF TR	4	900,043
MARITIME CONTEST CLUB		964,854
SK5AA VASTERAS RADIOKLUBB	3	963,572
THAILAND DX ASSOCIATION	3	956,986
GIPANIS CONTEST GROUP	4	943,236
YO DX CLUB	7	920,734
RADIO CLUB VENEZOLANO CARACAS	6	896.302
GMDX GROUP	5	794 014
ARCK	4	496 736
CLIPPERTON DX CLUB		
VIL CONTECT OF The		421,531
VK CONTEST CLUB	4	389,776
PAPUA CONTEST CLUB	5	304,361
VOLYN CONTEST GROUP	3	274,559
UA2 CONTEST CLUB	4	229,461
VU CONTEST GROUP	4	194,819
GUARA DX GROUP	5	88.718
CDR GROUP		
SINGLE FIGHTER DX GROUP		
ORARI LOKAL KEDIRI		6 075
DANDUNG CONTEGT OF THE		
BANDUNG CONTEST CLUB		, -

16 • CQ • July 2018 Visit Our Web Site