

Results of the 2022 CQWW RTTY DX Contest

BY CHRIS TATE,* N6WM

Recovering from pandemic travel restrictions, the emergence of solar cycle 25, and return of DX on the 10-meter band, along with additional improvements in propagation, helped ring in the 36th annual running of the CQ Worldwide RTTY DX contest.

Overall reports were of good conditions from most points around the world, with the exception of some stations in Asia that were affected by inclement weather. Participation was relatively unaffected by the easing of the pandemic; in fact, peak log submission was in 2020 at over 3,600 logs, but we were down a few hundred logs from last year at 3,190 logs. Many of the regular top players were back at their DX QTHs. Despite improved conditions, no records of note were broken in 2022, but the new Explorer category set some new baselines.

Above and beyond printing certificates and checking contest dates, the CQWW RTTY website is very comprehensive and full of interesting data and specifics. Check it out at <<http://cqwwrtty.com>> and look at results, records, resources, and more!

Let's take a deeper dive into the contest itself and see how it went!

Single-Op Categories

Single-Operator High Power (SOHP) All Band

Ed, P49X (op. WØYK), was back in Aruba after an extended pandemic QRX. He regained his SOHP world title. Ed bested LZ5R by over a million (mega) points to solidly maintain the top position. The top U.S. position was achieved by Randy, K5ZD, with a very respectable score of about 4.2 megapoints. There are serious competitors in all categories, but this one is of note, good performances from well-known contest stations like W7RN (op. WK6I) out west, and JH4UYB are a couple of stations that found themselves in the world top 10.

Single-Operator High Power All Band Assisted

The assisted category had a slightly different demographic, with the win

going to Cyprus station P3X (op. 5B4AMM). In the U.S., Bud, AA3B, a powerhouse in contesting on all modes, was able to take the honors by besting challenger K1LZ (op. LU9ESD) by about half a megapoint.

Single-Operator Low Power All Band

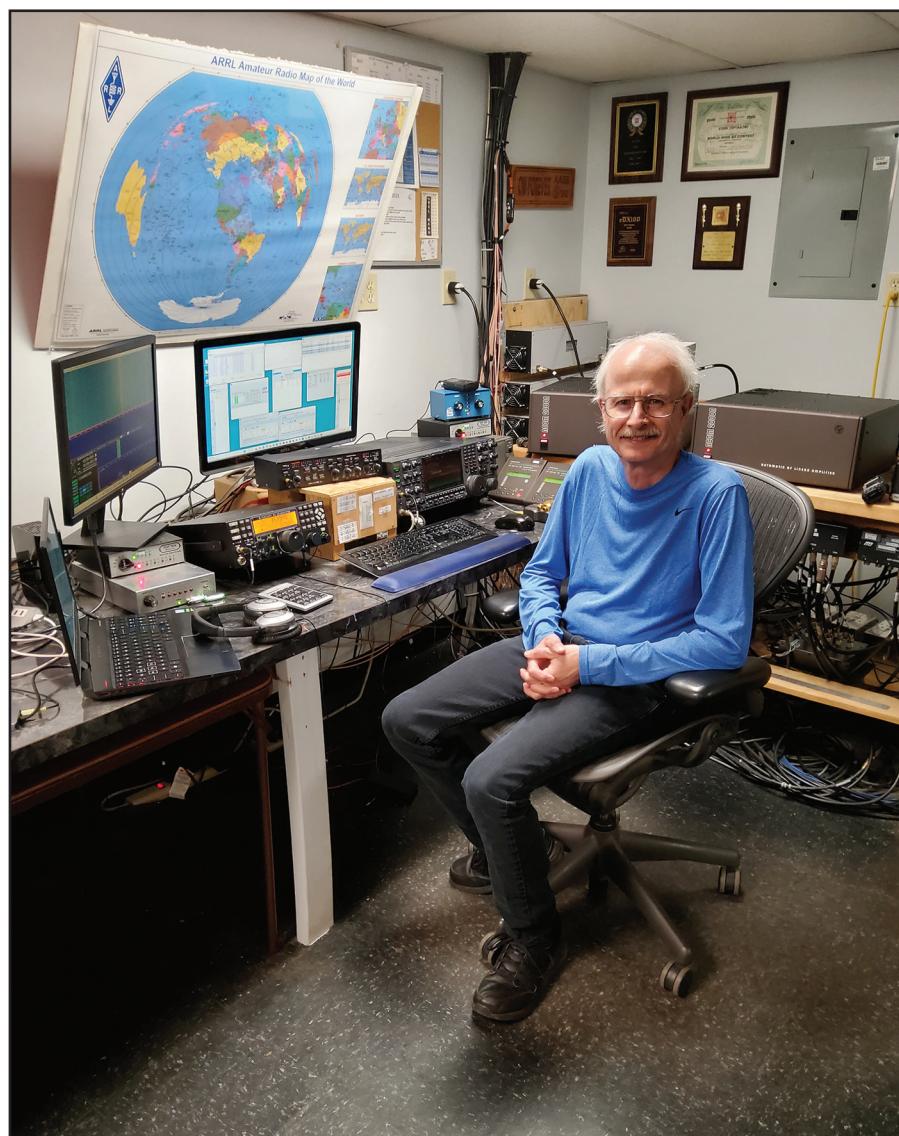
Yuri, VE3DZ, managed to edge out CX2DK by a half megapoint. ZF2WB (op. Mariano, LU8EOT) managed to best CR5O (op. CT7AGL)

Single-Operator Low Power Assisted All Band

TM3Z (op. F4DSK) managed to solidly win the top spot in Low Power by besting SV2AEL and JA6CGE, respectively. Don, AA5AU, took top honors in the U.S. with K11G hot on his heels. That was a close one.

Single-Operator QRP All Band

It takes a special kind of patience to do a worldwide contest using QRP, but



Bud, AA3B, pauses from contesting to smile for the camera. (Courtesy of AA3B)

Email: <n6wm@largeradio.org>

Dave, K2YG, persevered and took the world QRP title. His 375,000-point QRP effort was enough to beat the others in the top five that were all European stations. Congratulations, Dave!

Single-Operator QRP Assisted All Band

ON6NL turned in an impressive half-million-point score in the assisted QRP category, easily besting DL6ZBM and others. K2AL had the high score in the U.S.

Single-Operator Single-Band Categories

One of the great things about this worldwide RTTY DX contest is the plethora of categories that can be entered. The single-band categories give opportunities for titles that may be out of reach to some locations, or for some participants that are crunched for time. They are available in all three power levels as well as assisted or not. Sometimes there are some fierce battles with these and I encourage all readers to dive into the line scores and check them out.

Multi-Op Categories

Multi-Operator Single Transmitter High Power

The team at IQ4FC managed to narrowly beat an equally great effort by the Moravian Contest Group, OK5Z, in this

very popular category. Competition is generally quite fierce and this battle did not disappoint.

Multi-Operator Single Transmitter Low Power

In an interesting turn of events, the KP2B team took top honors. They were originally slated to operate at WP3C but that operation was scuttled due to the effects of Hurricane Fiona. Jim, WP3A, loaned the team his KP2B station and relocated the operation to the U.S. Virgin Islands. Apparently, this worked out well as they enjoy being in the winners' circle with a solid megapoint-lead over the second-place team at EA8DED.

Multi-Operator Two Transmitter

The team at CR3DX solidly took this category with nearly double the score of the top U.S. team at K9CT, which managed to take first place in the U.S. and second place in the world. Of note is the up-and-coming NJ4P contest team run by WV4P, which settled into second place in the U.S., and fourth place overall. This new contest powerhouse station is really starting to make a dent out there. A great job by all.

Multi-Operator Multi-Transmitter

I have a sweet spot for the fun and camaraderie of Multi-

TOP SCORES

WORLD SINGLE OPERATOR HIGH POWER ALL BAND		SINGLE OPERATOR QRP ALL BAND		ASSISTED LOW POWER ALL BAND		MULTI-OPERATOR SINGLE TRANSMITTER HIGH POWER		KU1CW.....1,100,608 I4JED.....1,029,033 NG1M.....986,232		28 MHz	
P49X (WOYK)	5,619,984	K2YG.....375,760	TM3Z (F4DSK)	3,610,698	IQ4FC.....5,815,600	K4WI.....20,658	W8AKS.....11,275	W8JGU.....3,531	KD5ILA.....3,528		
LZ5R (LZ5DB)	4,458,540	CT1CTX.....325,304	SV2AEL.....1,495,350	JA6GCE.....1,330,755	OK5Z.....5,047,174	W1QK.....123,684	WA1FCN.....111,531				
K5ZD.....4,273,200		SP2UUU.....285,108	SP2R.....1,227,534	SP8R.....4,393,440	SP1RA.....3,763,900	KH6CJJ.....695,824	NY1E.....49,162				
PW2L (PY2MNL)	3,140,436	EA1GT.....232,170	YL1ZF.....1,204,330	NV9L.....3,313,125	EA3CI.....684,080						
LN8W (LB8IB)	2,512,260										
28 MHz		28 MHz		28 MHz		28 MHz		28 MHz		28 MHz	
5W1SA.....174,070		PP1WW.....111,562	AZ1D (LU1DX)	206,460	IQ4FC.....3,868,931	K4WI.....99,712	W8AKS.....91,375	W8JGU.....49,980			
W5PR.....81,730		TI0RC (T12YO)	102,060	PY4XX.....83,268	EA8DED.....2,882,547	KB3AAY.....52,767	WA1FCN.....52,392	W8TOM.....50,544			
WO4O.....75,786		3G3R (XQ3SK)	24,320	4F3BZ.....76,518	IT9BLB.....2,683,868	K8VT.....49,452					
21 MHz		21 MHz		21 MHz		21 MHz		21 MHz		21 MHz	
OM2VL.....659,932		JA6VZB.....49,896	ED7O (EA7EU)	361,257	IQ3RK.....2,154,300	N8CWU.....52,767	W8TOM.....50,544				
9A5X.....634,550		KD9MS.....49,000	EESK (EA5DF)	307,648	LY5W.....1,987,335	WZ6ZZ.....49,452					
CR6T (CT1ESV)	512,141	CO2AJ.....36,582	JAEWFM.....194,688								
14 MHz		14 MHz		14 MHz		14 MHz		14 MHz		14 MHz	
N80O.....527,823		YU1NR.....74,445	IK6VXO.....477,118	CR3DX.....13,848,120	EI8KW.....122,484	W4LC.....99,712					
KU2M.....384,122		PD8DX.....53,802	T70A.....362,710	K9CT.....6,869,018	I4FNO.....110,547	KB3AAY.....91,375					
MD7C (M5RIC)	344,201	SV3IBQ.....51,170	IT9XTP.....274,736	EC2DX.....5,968,440	BD4VGZ.....76,752	K8VT.....49,980					
7 MHz		7 MHz		7 MHz		7 MHz		7 MHz		7 MHz	
4L2M.....153,549		ES2MC.....57,333	IK4ZIF.....189,336	CR3W.....12,368,664	EI8KW.....122,484	N8CWU.....52,767					
OG4W (OH4KZM)	111,132	Y04BEW.....13,091	G4N (G4ZVB)	9A2ZI.....2,743,698	I4FNO.....110,547	WA3LXD.....52,392					
I5WNN.....84,537		SV1CDN.....7,920	YT9VM.....119,616	EC2DX.....5,968,475	BD4VGZ.....76,752	W8TOM.....50,544					
3.5 MHz		3.5 MHz		3.5 MHz		3.5 MHz		3.5 MHz		3.5 MHz	
YL2CI.....56,606		ON3DI.....29,302	DF1MM.....74,880	CR3W.....10,482,053	EI8KW.....122,484	WZ6ZZ.....49,452					
OK25FP.....29,792		SN0E (SO6OO)	S51ZJ.....67,968	K1SFA.....6,166,216	I4FNO.....110,547						
LZ5XQ.....22,572		HG5O (HA5OB)	S53NW.....49,472	DM4X.....3,947,364	BD4VGZ.....76,752						
ASSISTED HIGH POWER ALL BAND		SINGLE OPERATOR QRP ASSISTED ALL BAND		MULTI-OPERATOR MULTI-TRANSMITTER		MULTI-OPERATOR SINGLE-OPERATOR		MULTI-OPERATOR SINGLE-OPERATOR		MULTI-OPERATOR SINGLE-OPERATOR	
VE3DZ.....2,417,672		P3X (5B4AMM)	IK4ZIF.....189,336	CR3W.....12,368,664	W5PR.....81,730	K2YG.....375,760					
CX2DK.....1,800,201		AA3B.....5,452,090	YU1NR.....74,445	9A1A.....10,482,053	W04O.....75,786	W6QU (W8QZA).....111,666					
ZF2WB (LUEBOT)	1,652,876	IZ4BOY (IT9RGY)	PD8DX.....53,802	K1SFA.....6,166,216	AA5JD.....40,836	WA3LXD.....87,236					
CR50 (CT7AJL)	1,425,060	K1LZ (LU9ESD)	SV1CDN.....7,920	DM4X.....3,947,364	W4ER.....1,020	AA5KD.....65,048					
G0MTN.....1,134,566		SN7Q (SP7GIQ)	YT9VM.....119,616	N6WM.....3,796,002	W0DGZ.....26,660	WD0BGZ.....26,660					
28 MHz		28 MHz		28 MHz		28 MHz		28 MHz		28 MHz	
4M1W (YV1SW)	209,670	LT6M (LU8MHL)	EA5Y.....17,028	VE2CQ.....1,575,808	W5PR.....81,730	WE6EZ.....16,254					
CX2AQ.....114,540		U7HNN.....369,083	WB4OMM.....7,248	NA5NN.....478,946	W04O.....75,786	KO1H.....43,022					
PU2WDX.....113,940		VK4SN.....120,768	IT9RJE.....5,106	W5NN.....193,200	AA5JF.....40,836	W1IE.....22,632					
21 MHz		21 MHz		21 MHz		21 MHz		21 MHz		21 MHz	
S50A.....310,707		HG1S (HA1DAE)	JM1NKT.....94,887	EI6LA.....835,752	N8OO.....527,823	AA3B.....5,452,090					
PY2QT.....208,290		9A5Y (9A7DX)	E7AA (E73AA)	KD2UBH.....278,460	K1LZ (LU9ESD).....4,929,804	K1LZ (LU9ESD).....4,929,804					
IR9D.....196,812		CX7SS.....660,813	YC1LJT.....28,908	N3AML.....264,888	K3MM.....3,210,300						
14 MHz		14 MHz		14 MHz		14 MHz		14 MHz		14 MHz	
CO2AME.....339,888		S53M (S51FB)	OQ4B (ON4BHQ)	K3AK.....233,856	K3MM.....2,583,999	N3QE.....2,583,999					
PY2NY.....303,750		HG5D (HA8QZ)	N8URE.....30,438	K2D.....168,910	K0MD.....1,922,448						
DL4FN.....216,986		YT3X.....593,110	W7RY.....27,540	F4ITQ.....152,520	W6SS.....98,838						
7 MHz		7 MHz		7 MHz		7 MHz		7 MHz		7 MHz	
OK1WOF.....363,474		S52X.....558,386	EASJDN.....142,680	EASJDN.....142,680	KEOL.....12,462	AA3B.....5,452,090					
DM6DX.....340,535		9A3K.....445,704	MOLKW.....140,292	MOLKW.....140,292	W0ZW.....7,280	K1LZ (LU9ESD).....4,929,804					
IK0REP.....144,958		YU5R (YT2AAA)	9A6TT.....8,360		K3RW.....6,490	K3MM.....3,210,300					
3.5 MHz		3.5 MHz		3.5 MHz		3.5 MHz		3.5 MHz		3.5 MHz	
E79D.....77,274		HA1TJ.....160,928	OL6D (OK1DWQ)	K3RW.....6,490	W0ZLSD.....15,209	N3QE.....2,583,999					
F5BEG.....66,150		SS3X.....138,838	SP3EMA.....14,736	W3LL.....2,640	W1IE.....420,462	K0MD.....1,922,448					
WZ6ZZ.....49,452		14AVG.....109,560			Y7M.....411,943	W7RY.....27,540					
CLASSIC HIGH POWER		CLASSIC HIGH POWER		CLASSIC HIGH POWER		CLASSIC HIGH POWER		CLASSIC HIGH POWER		CLASSIC HIGH POWER	
NOUR.....569,322		I4JED.....1,029,033	RW1A.....1,274,511	RW1A.....1,274,511	W9ILY.....231,530						
AABCA.....552,375		NG1M.....986,232	YT3D.....1,161,303	YT3D.....1,161,303	W1UE.....420,462						
N7IR.....433,784					N9TF.....411,943						
LOW POWER ALL BAND		LOW POWER ALL BAND		LOW POWER ALL BAND		LOW POWER ALL BAND		LOW POWER ALL BAND		LOW POWER ALL BAND	

Multi contesting. The Multi-op crew at the Santana RRDXA Contest Team, CR3W, took top honors this year by besting a large team at K1SFA, who activated the K1TTT superstation for the event. Your author was a member of the N6WM team in W6, activating the N6RO superstation. Worldwide contesting from the U.S. West Coast is always a challenge, and the team did a good job settling into second place in the U.S.

Overlay Categories That Keep Things Interesting

These overlays give more opportunities for participants to compete. The overlay categories are comprised of Classic, Rookie, Youth, and Explorer, and are further subdivided into high- and low-power options. More information on these overlays can be found in the contest rules, as well as the <cqwwrtty.com> website.

Classic mode, in which operators are limited to a single radio and operate 24 hours, is becoming a very popular and competitive entry option.

Classic

Vladimir, RW1A, took the high-power top spot worldwide, but it was a close race with Serbian operator Brane,

TOP SCORES IN VERY ACTIVE ZONES

Zone 3

W7RN (WK6I)	2,321,738	YT3D	1,161,303
KU1CW	1,210,968	I4JED	1,124,003
W7YAAQ	1,060,665	*IT9RBW	905,519
AJ6V	.681,126	I1NVU	700,560
WQ6Q	.482,090	OM2VL	659,932

Zone 15

RW1A	1,288,687
EW8DX	.826,529
RC5Z	.476,320
*R3AQ	.466,368
UA6CE	.272,090

Zone 16

*VE3DZ	2,417,672
AD5XD	.993,960
WQ5L	.794,313
VE3TW	.666,391
WØMB	.630,992

Zone 4

*VE3DZ	2,417,672
AD5XD	.993,960
WQ5L	.794,313
VE3TW	.666,391
WØMB	.630,992

Zone 5

K5ZD	4,273,200
KØZR	2,295,756
NG1M	.986,232
AE1P	.981,848
AC8Y	.835,052

Zone 14

LN8W (LB8IB)	2,512,260
GWØA (GW4SKA)	2,089,494
*CR5O (CT7AJL)	1,425,060
*GØMTN	1,134,566
*M5W (MØHMJ)	1,111,110

Zone 20

LZ5R (LZ5DB)	4,458,540
*TA7I	.984,096
4Z5LY	.803,136
*4X6FR	.523,004
*LZ2ZY	.400,920

Zone 16

JH4UYB	2,340,110
JA1OVD	.982,928
JH7QXJ	.762,604
HL2WA	.638,362
JA7IC	.599,242

*Low Power

NA3M	.83,570	MULTI-OPERATOR TWO TRANSMITTER	9A5X	.634,550	21 MHz	21 MHz	MULTI-OPERATOR TWO TRANSMITTER		
KSØAA	9,960	K9CT	.6,869,018	CR6T (CT1ESV)	.512,141	SP4NKJ	.32,619		
3.5 MHz		NJ4P	.5,589,675	MD7C (M5RIC)	.344,201	OK1LV	5,040		
W7MRF (KW7MM)	43,262	K7TE	.2,225,356	IT9STX	.287,400	IW2ODC	3,535		
ASSISTED LOW POWER ALL BAND		K7BTW	.2,123,280	SP8K	.197,190	YU1NR	.74,445		
AA5AU	1,001,984	NA4DA	.2,096,508	OG4W (OH4KZM)	.111,132	PDBDX	.53,802		
KI1G	.958,760	MULTI-OPERATOR MULTI-TRANSMITTER	N6WM	.3,796,002	SV3IBQ	.51,170	IK6VXO	.477,118	
KOKX	.545,296	W3GH	.2,948,378	7 MHz	ES2MC	.57,333	T7OA	.362,710	
NOHJZ	.512,820		W5NN	.193,200	Y04BEW	.13,091	IT9XTP	.274,736	
W3KB	.502,541	EXPLORER MULTI-TRANSMITTER	YL2CI	.56,606	SV1CDN	.7,920			
28 MHz		NA5NN	.478,946	3.5 MHz	ON3DI	.29,302	7 MHz	9A1NR	.10,482,053
AB9YC	12,312	W5NN	.193,200	OK2SFP	.29,792	SNOE (SO8OO)	.9,504	IK4ZIF	.189,336
K5ND	2,720		LZ5XQ	.22,572	HG5O (HA5OB)	.3,164	G4N (G4ZVB)	.144,643	
21 MHz		ROOKIE HIGH POWER	KD2UBH	.278,460	ON6NL	.596,520	YT9VM	.119,616	
N3UA	.146,727	N3AML	.264,888	CR5O (CT7AJL)	1,425,060	DL6ZBN	.319,770	SP9KDA	.417,768
NM2K	.84,863	W9DCT	.211,671	GØMTN	1,134,566	YU1LM	.201,188		
W3IDT	.10,230	K3AK	.233,856	M5W (MØHMJ)	1,111,110	EA7Q	.76,033	IV3RYP	.6,955
KA4RRU	.187,340	K1D2	.168,910	ON4CT	.897,773	SP9RQH	.48,720	MOORY	.5,624
W2CG	.86,100	KC3SVR	.109,817	28 MHz	G8X (G4FJK)	.91,208			
K3JSJ	3,000	KC3UDO	.40,590	EF7W (EC7KW)	.33,575	EA5Y	.17,028	ROKIE HIGH POWER	
SINGLE OPERATOR QRP ASSISTED ALL BAND		N3GT	.34,220	IM0/IK5AEQ	.21,402	IT9RJE	.5,106	E16LA	.835,752
K2AL	.94,800	MULTI-OPERATOR CLASSIC HIGH POWER	KU1CW	.1,100,608	I7CSB	.33,259	IV3JAG	.24,236	
K3HW	.49,640	NG1M	.986,232	S50A	.310,707	DK5PH	.19,039		
K6JS	.22,082	AE1P	.981,848	IR9D	.196,812	28 MHz	F4ITQ	.152,520	
K8ZT	.16,830	AC8Y	.835,052	G4ZOB	.139,656	EA5JDN	.142,680		
K6CTA	.2,520	WQ5L	.794,313	14 MHz	DL4FN	.216,986	MOLKW	.140,292	
28 MHz			OK1WCF	.363,474	EU1DX	.141,564	DL9DX	.120,139	
WB4OMM	7,248	CLASSIC LOW POWER	DM6DX	.340,535	SOØA	.110,432	IUOPVM	.116,946	
14 MHz		N7IR	.433,784	IKØREP	.144,958	21 MHz	E7AA (E73AA)	.54,514	
N8URE	.30,438	W1UE	.420,462	CT1BXT	.325,304	9A5N (GO8BN)	.15,048		
W7RY	.27,540	WD9CIR	.259,096	SP2UU	.285,108	14 MHz	OQ4B (ON4BHQ)	.37,584	
N4IJ	.24,360	W1HY	.241,379	LG6C (HA6AM)	.241,080	9A1CRT (9A7RA)	.2,277	RW1A	.1,274,511
MULTI-OPERATOR SINGLE TRANSMITTER HIGH POWER		AC2RL	.209,296	EA1GT (EA1GT/QRP)	.232,170	I2ZQKG	.1,914	YT3D	.1,161,303
NV9L	.3,313,125	MULTI-OPERATOR SINGLE TRANSMITTER HIGH POWER	E79D	.77,274	9A6TT	.8,360	I4JED	.1,029,033	
K3AJ	.2,806,610	WZ5R (LZ5DB)	F5BEG	.66,150	3.5 MHz	OL6D (OK1DWQ)	.21,805	OZ11A	.918,750
WA7AN	.2,569,450	LN8W (LB8IB)	DL1AOB	.39,957	YU5R (YT2AAA)	.427,094	TM5T (F5VKT)	.820,855	
K5RZA	.2,394,288	GWØA (GW4SKA)	28 MHz	5S2X	.558,386	7 MHz	ON4CT	.897,773	
AG4TT	.2,334,960	RW1A	E79D	9A3K	.445,704	3.5 MHz	EA3CI	.684,080	
MULTI-OPERATOR SINGLE TRANSMITTER LOW POWER		YT3D	F5BEG	YU5R	.38,982	YU5W	OL6D (OK1DWQ)	.558,744	
NY6DX	.1,857,136	DL3BQA	DL1AOB	9A7T	.427,094	14 MHz	SP8BR	.512,216	
N4SS	.1,053,032	DK2WH	28 MHz	TA1BM	.9,805	YU5W	SP3EMA	.508,174	
WT0DX	.591,890	YT8A	28 MHz	SV1JG	.44,144	YU5W	DP6A		
K1RQ	.127,971	21 MHz	OM2VL	ES5RY	.38,982	28 MHz	IO4FC	.5,815,600	
N1SOH	.46,904	21 MHz	OM2VL	Y03DAC	.3,366	YU5W	OK5Z	.5,047,174	
				14 MHz	14 MHz	YU5W	SP8BR	.4,393,440	
				TM3Z (F4DSK)	.3,610,698	YU5W	SZ1A	.3,763,900	
				SV2AEL	.1,495,350	YU5W	DP6A	.3,220,700	
				SP2R	.1,227,534	28 MHz	YU5W		
				YL1ZF	.1,204,330	YU5W	IT9BLB	.2,683,868	
				ON5GQ	.1,144,494	28 MHz	IO3RK	.2,154,300	
						YU5W	YU5W	.1,987,335	
						28 MHz	9A7T	.1,828,908	
						YU5W	S51A	.1,520,415	
						28 MHz			



Ron, WV4P, shared this collage of his CQWW DX RTTY team behind the rapidly improving and growing NJ4P superstation.

BAND-BY-BAND BREAKDOWN—TOP ALL BAND SCORES

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

WORLD										USA									
TOP SINGLE OPERATOR ALL BAND										SINGLE OPERATOR ALL BAND									
Station	80	40	20	15	10	Station	80	40	20	15	10								
P49X	121/8/19/33	669/20/59/49	844/24/65/53	1001/20/63/51	751/19/41/49	K5ZD	284/13/38/48	642/18/63/50	1142/28/80/50	916/24/78/44	118/17/30/19								
LZ5R	324/10/45/15	563/21/65/38	1232/30/72/46	1016/28/74/51	171/20/43/12	W7TRN	233/8/9/46	592/22/43/53	744/21/52/52	837/26/58/51	326/14/18/41								
K5ZD	284/13/38/48	642/18/63/50	1142/28/80/50	916/24/78/44	118/17/30/19	KØZR	206/7/20/47	548/21/64/49	796/22/67/44	413/22/69/33	109/15/23/19								
PW2L	6/4/2/5	234/16/43/34	489/20/53/46	877/22/66/47	825/19/67/47	KU1CW	61/9/9/28	439/25/59/50	287/23/43/44	495/25/52/50	92/17/21/29								
LN8W	299/8/45/9	577/21/67/36	669/27/67/45	504/25/69/40	66/16/35/0	W7YAQ	99/6/5/36	233/22/32/42	324/22/48/48	393/26/61/41	170/15/24/37								
SINGLE OPERATOR ASSISTED ALL BAND										SINGLE OPERATOR ASSISTED ALL BAND									
P3X	298/9/52/7	502/28/82/33	940/30/97/44	1176/29/90/47	341/22/56/8	AA3B	351/15/52/51	861/24/84/55	1113/30/93/54	855/27/88/49	195/19/44/25								
AA3B	351/15/52/51	861/24/84/55	1113/30/93/54	855/27/88/49	195/19/44/25	K1LZ	373/14/53/47	705/24/80/50	922/31/95/51	790/28/90/50	166/18/47/30								
I24BOY	311/11/57/147	95/31/98/47	898/31/92/55	791/33/96/51	197/27/64/24	K3MM	279/12/41/46	603/25/83/50	665/29/87/52	492/28/82/44	178/19/46/31								
K1LZ	373/14/53/47	705/24/80/50	922/31/95/51	790/28/90/50	166/18/47/30	N3QE	264/12/41/47	618/22/73/54	612/23/79/55	406/25/80/30	83/17/28/21								
SN7Q	367/13/54/20	699/28/90/45	856/31/88/48	737/33/100/46	147/25/55/5	KØMD	170/11/21/43	433/17/51/52	754/26/76/51	478/24/73/22	106/17/29/15								
MULTI-OPERATOR SINGLE TRANSMITTER										MULTI-OPERATOR SINGLE TRANSMITTER									
IQ4FC	231/14/57/19	877/31/100/51	960/34/104/55	843/33/105/55	185/27/73/17	NV9L	148/10/28/36	427/23/70/48	746/29/82/51	805/26/82/42	176/22/43/33								
OK5Z	276/14/58/21	771/30/100/51	719/32/99/51	826/34/108/53	118/27/68/20	K3AJ	179/11/29/43	435/24/75/49	747/26/81/48	539/27/87/43	89/19/30/18								
SP8R	216/12/55/8	565/28/92/43	786/34/101/51	816/32/112/51	138/26/67/8	WA7AN	172/11/13/49	590/27/67/54	623/30/82/55	681/27/83/58	121/19/35/40								
*KP2B	51/9/10/29	442/21/68/52	619/28/80/54	672/27/84/58	733/18/55/50	K5RZA	118/10/10/42	469/25/69/53	614/29/75/54	801/26/80/54	84/21/44/32								
SZ1A	190/12/54/7	818/28/94/40	684/29/96/40	615/31/94/39	190/27/59/15	AG4TT	152/10/24/41	448/19/60/50	872/23/78/49	335/25/76/33	104/17/46/13								
MULTI-OPERATOR TWO TRANSMITTER										MULTI-OPERATOR TWO TRANSMITTER									
CR3DX	348/13/51/38	1219/28/89/54	1548/32/93/52	1895/32/101/57	1005/25/80/47	K9CT	387/16/42/54	1024/28/86/55	1424/30/94/56	1203/33/99/54	240/21/45/44								
K9CT	387/16/42/54	1024/28/86/55	1424/30/94/56	1203/33/99/54	240/21/45/44	NJ4P	304/14/31/53	829/26/82/53	945/29/87/55	1097/29/97/55	406/23/65/36								
EC2DX	369/13/56/24	1008/29/88/49	1175/30/94/54	1051/32/91/52	239/21/50/24	KT7E	135/6/5/41	525/25/52/49	664/26/63/50	717/27/65/49	329/13/22/39								
NJ4P	304/14/31/53	829/26/82/53	945/29/87/55	1097/29/97/55	406/23/65/36	K7BTW	255/9/8/50	564/26/48/51	717/27/58/54	686/23/67/50	258/12/20/37								
IQ9RG	297/12/53/15	769/29/94/50	1103/32/89/50	1123/32/90/54	204/28/62/19	NA4DA	37/8/10/19	370/18/59/50	562/23/69/48	789/23/67/46	193/18/42/16								
MULTI-OPERATOR MULTI-TRANSMITTER										MULTI-OPERATOR MULTI-TRANSMITTER									
CR3W	427/12/54/30	1104/30/96/54	1456/30/94/53	1638/33/101/57	746/29/80/39	K1SFA	423/16/51/51	926/24/79/55	1311/30/93/53	926/29/98/55	379/19/41/45								
9A1A	827/15/63/22	1515/31/102/49	1606/36/108/54	1255/34/108/54	368/25/71/15	N6WM	366/11/14/54	761/28/66/54	805/30/76/52	1078/28/81/56	426/19/30/42								
K1SFA	423/16/51/51	926/24/79/55	1311/30/93/53	926/29/98/55	379/19/41/45	W3GH	333/11/35/48	915/22/72/54	858/25/78/49	415/21/67/33	159/13/22/28								
DM4X	448/10/55/19	697/28/92/42	867/32/97/52	355/30/75/44	248/26/62/20														
N6WM	366/11/14/54	761/28/66/54	805/30/76/52	1078/28/81/56	426/19/30/42														

YT3D.* Alex, KU1CW, was hot on the tail of YT3D claiming the first-place spot in the U.S. Dirk, ON4CT, takes top low-power honors in a very tight race with the HH2AA remote station operated by Alan, K6DTT.

Rookie

A big high-power score out of Irish rookie Rafal, EI6LA, who had been licensed just shy of a year before the contest, was enough to win this overlay. In North America, basically a four-way race was won by Erik, KD2UBH, in New York, who returned to ham radio in 2020. In the low-power arena, Steve, K3AK, managed to best second place Sebastian, KI2D, by almost double the score. Great job to all the Rookies and welcome to CQWW RTTY contesting.

Youth

It's fantastic that we offer a category for younger operators to enjoy some competitive radiosport. There was a solid battle for first place, which was won by Ivan, 9A2ZI. But Robert, DM7XX, did a great job keeping pace and put up a good fight and secured second place in an exciting race.

Explorer Category

The new Explorer category had a couple of entries. This category recognizes innovation in station design, operating strategies, and technology and was put in place to allow experimentation in a contest environment. The most common application has been a distributed multi-op in which several contestants get together from their home stations to produce a multi-op effort.

The three-person team at VE2CQ was able to do this very effectively and produce a respectable score of over a mega-

(*YT3D is the winner of this category, in accordance with CQ policy following Russia's invasion of Ukraine.)

CLUB SCORES

UNITED STATES

Club	# Entrants	Score
Potomac Valley Radio Club.....	.62	24,121,156
Yankee Clipper Contest Club .....	.29	22,496,076
Frankford Radio Club.....	.37	19,119,816
Northern California Contest Club.....	.29	15,613,242
Society Of Midwest Contesters.....	.35	15,578,655
Minnesota Wireless Assn. ....	.53	12,714,316
Willamette Valley DX Club.....	.17	8,551,821
Arizona Outlaws Contest Club.....	.24	7,990,305
Florida Contest Group .....	.8	3,429,125
DFW Contest Group .....	.12	3,165,798
Skyview Radio Society .....	.5	3,076,755
Tennessee Contest Group.....	.14	2,675,532
Central Texas DX And Contest Club .....	.4	2,571,698
Northeast Maryland Amateur Radio Contest Society .....	.12	1,838,940
Swamp Fox Contest Group .....	.7	1,663,949
South East Contest Club .....	.11	1,633,683
Kentucky Contest Group.....	.8	1,488,829
CTR Contest Group .....	.4	1,316,414
Alabama Contest Group .....	.9	1,269,823
Niagara Frontier Radiosport .....	.8	1,160,871
Grand Mesa Contesters Of Colorado .....	.7	1,155,617
Hudson Valley Contesters And DXers .....	.4	1,113,773
Spokane DX Association .....	.6	1,093,741
Southern California Contest Club .....	.11	1,022,347
Carolina DX Association .....	.5	650,517
Metro DX Club .....	.4	467,992
Western Washington DX Club .....	.7	444,111
Mad River Radio Club.....	.4	217,988
North Coast Contesters .....	.4	128,946

DX

Bavarian Contest Club.....	.101	51,493,817
Italian Contest Club .....	.95	42,108,139
Interest Group RTTY .....	.28	22,522,975
Rhein Ruhr DX Association .....	.44	20,309,680
Croatian Contest Club .....	.11	17,194,385
EA Contest Club .....	.25	12,915,638
Ukrainian Contest Club .....	.9	12,213,605
Araucaria DX Group .....	.17	12,147,380
Contest Club Ontario .....	.19	8,776,317
Contest Club Finland .....	.7	7,686,794
Contest Club Serbia .....	.8	4,285,352
Radio Amateur Association Of Western Greece .....	.4	4,073,622
Slovenia Contest Club .....	.9	4,060,486
Clipperton DX Club .....	.6	3,870,359
RTTY Contesters Of Japan .....	.13	3,764,755
YB-Land Dxing Passion Is .....	.89	3,424,405
LA Contest Club .....	.5	3,398,988
599 Contest Club .....	.6	3,045,441
Okayama DX Club .....	.6	2,476,692
Belarus Contest Club .....	.4	2,307,147
Siam DX Group .....	.5	2,172,540
Cabreua DX .....	.11	1,909,141
Rio DX Group .....	.15	1,685,092
SP DX Club .....	.13	1,637,901
Latvian Contest Club .....	.4	1,564,614
5NNDXCC .....	.17	1,555,932
LU Contest Group .....	.10	1,511,558
Thracian Rose Club .....	.10	1,391,874
GMDX Group .....	.4	1,309,644
Orca DX And Contest Club .....	.7	1,175,454
Russian Contest Club .....	.4	1,028,306
Danish DX Group .....	.6	964,838
Czech Contest Club .....	.5	958,654
VK Contest Club .....	.6	948,484
Russian Digital Radio Club .....	.10	929,061
SK5AA Vasteras Radioklubb .....	.4	907,346
Contest Club Belgium .....	.8	730,521
YB Land DX Club .....	.12	575,324
Radioclubul Radu Bratu .....	.4	552,536
7A DX-Contest Club .....	.13	336,182
World Wide Young Contesters .....	.4	308,236
Grupo DXXE .....	.5	184,933
ARCK .....	.4	178,555
YB6 DX Community .....	.4	173,042
CDR Group .....	.4	90,827
Oldhouseradioclub .....	.6	60,739
Radio Club Eternautas .....	.4	60,422
Orari Lokal Kediri .....	.4	32,673

Club scores with **4 or more** entries.

*Low Power

point. We would love to hear more from operators producing efforts in the category. It keeps things fresh and interesting. The full explorer rules can be found at the main CQWW contest website <<https://cqww.com/explorer.htm>>.

Plaque Sponsorship

Plaque sponsorship is a great way to recognize local or zone competitions and efforts. Rich, N1IXF, can be very helpful in assisting your selection of a plaque to sponsor. The entire CQWW RTTY management team appreciates these invaluable sponsorship opportunities. Look at the plaque winners tables, and if there is a category or region you would like to sponsor, let us know or contact N1IXF directly <n1ixf@att.net>.

In Closing

On behalf of the CQWW RTTY contesting team, we would like to congratulate all winners and participants. With band conditions improving rapidly, and pandemic restrictions waning, the next running in September 2023 should prove another fun and interesting event for all.

73 and looking forward to working you in the next one.

— Chris, N6WM; Ed, WØYK; & Rich, N1IXF

(Scores on page 102)

The CQ Shortwave Propagation Handbook
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2022 CQWW RTTY TROPHY WINNERS AND DONORS

SINGLE OPERATOR HIGH POWER UNASSISTED

World: Sponsored by Yankee Clipper Contest Club, Winner: **P49X (op: Ed Muns, WØYK)**
Europe: Sponsored by ARI – Italian Radioamateur Association in memory of Franco Fanti, I4LCF, Winner: **LZ5R (op: Milen Dimov, LZ5DB) New Bulgaria & Zone 20 Record**
North America (All): Sponsored by Dick Wilson, K6LRN & Carolyn Wilson, K6TKD, Winner: **Randy Thompson, K5ZD**
USA: Sponsored by Kevin Rowett, K6TD, Winner: **W7RN (op: Jeff Stai, WK6I)**
USA – 7th Call Area: Sponsored by Hank Lonberg, KR7X, Winner: **Alex Tkatch, KU1CW**
South America: Sponsored by John Lockhart, WØDC, Winner: **PW2L (op: Wanderly Ferreira Gomes, PY2MNL)**
Asia: Sponsored by Hajime Kato, JO1RUR, Winner: **Masa Okano, JH4UYB**
Japan: Sponsored by Hajime Kato, JO1RUR, Winner: **Taisuke Kishi, JA1OVD**

SINGLE OPERATOR LOW POWER UNASSISTED

World: Sponsored by Rich Cady, N1XF, Winner: **Yuri Onipko, VE3DZ New Canada (Ontario) Record**
Europe: Sponsored by Jeff Demers, N1SNB, Winner: **CR5O (op: Helder Mendes, CT7AJL)**
USA: Sponsored by Scott Wright, KØMD, Winner: **Jim Lageson, NØUR**

SINGLE OPERATOR QRP UNASSISTED

World: Sponsored by Kevin der Kinderen, N4TT, Winner: **Dave Barr, K2YG**
USA/Canada/Mexico High Score: Sponsored by Kevin der Kinderen, N4TT, Winner: **W6QU (op: Bill Parker, W8QZA)**

SINGLE OPERATOR ASSISTED HIGH POWER

World: Sponsored by IGRY – Interest Group RTTY, Winner: **P3X (op: Sergiy Rebrov, 5B4AMM)**
Europe: Sponsored by Dimitri Cosson, F4DSK, Winner: **IZ4BOY (op: Gabry Iuliani, IT9RGY) New Italy Record**
North America (All): Sponsored by John Webster, NN1SS, Winner: **Bud Trench, AA3B**
USA: Sponsored by Bud Governale, W3LL, Winner: **K1LZ (op: Emmanuel Siebert, LU9ESD)**
Asia: Sponsored by Lakshman "Lucky" Bijanki, VU2LBW, Winner: **Harumi Kukita, JR4OZR**

SINGLE OPERATOR ASSISTED LOW POWER

World: Sponsored In Memory of Jim Barron, WB5AAA, Winner: **TM3Z (op: Dimitri Cosson, F4DSK)**
Europe: Sponsored by Pat Moyer, W3RGA, Winner: **Savvas Pavlidis, SV2AEL New Greece Record**
South America: Sponsored by Pat Moyer, W3RGA, Winner: **L73H (op: Luis Rogelio Galina, LU4HK)**

SINGLE OPERATOR SINGLE BAND

World 28 MHz High Power: Sponsored by Shelley Parker, KØMKL, Winner: **Atsuo Sakuma, 5W1SA New Samoa & Zone 32 Record**
World 28 MHz Assisted High Power: Sponsored by Los Idóneos, Winner: **LT6M (op: Sebastian Galeazzi, LU8MHL)**
World 21 MHz High Power: Sponsored by Steve "Sid" Caesar, NH7C, Winner: **Laszlo Vegh, OM2VL New Slovakia Record**
World 21 MHz Assisted High Power: Sponsored by Los Idóneos, Winner: **HG1S (op: Zugo Tibor, HA1DAE) New Hungary Record**
World 14 MHz High Power: Sponsored by Standa Kostal, OK7W, Winner: **Victor Petcherkin, N8OO**
North America 14 MHz Low Power: Sponsored by Patrick W. Soileau, ND5C, Winner: **Amed Santana Gonzalez, CO2AME New NA & Zone 8 Record**
World 7 MHz High Power: Sponsored by John Webster, NN1SS, Winner: **Mamuka Kordzakhia, 4L2M New Georgia Record**
Europe 7 MHz Low Power: Sponsored by John Webster, NN1SS, Winner: **Martin Bohadlo, OK1WCF New Europe & Zone 15 Record**

OVERLAY CATEGORY

Rookie – Europe: Sponsored by Bavarian Contest Club, Winner: **Rafal Lukawiecki, EI6LA**
Youth – World: Sponsored by IARU Region 1 Youth Working Group, Winner: **Ivan Zivcic, 9A2ZI**
Youth – Europe: Sponsored by IARU Region 1 Youth Working Group, Winner: **Robert Stieber, DM7XX**
Youth – Africa: Sponsored by IARU Region 1 Youth Working Group, Winner: **No Entrant**
Youth – North America (All): Sponsored by Youth On The Air Camp Americas, Winner: **No Entrant**
Youth – South America: Sponsored by Tim Duffy, K3LR, Winner: **No Entrant**
Youth – Asia: Sponsored by Tim Duffy, K3LR, Winner: **Jian'ang Zhu, BD4VGZ**
Youth – Oceania: Sponsored by Tim Duffy, K3LR, Winner: **No Entrant**

MULTI-OPERATOR, SINGLE-TRANSMITTER HIGH POWER

World: Sponsored by PL259 Contest Club courtesy of K6TD, Winner: **IQ4FC (ops: I4EWH, I4IFL, IK4DCW, IK4HVR, IK4MGP, IK4MGX, IU4OMO, IW3FVZ, IW3GST, IZ4NIC)**
USA: Sponsored by Neal Campbell, K3NC, Winner: **NV9L (ops: NV9L, WB9Z) New W9 Record**

MULTI-OPERATOR, SINGLE-TRANSMITTER LOW POWER

USA: Sponsored by 599 DX Association, Winner: **NY6DX (ops: K2XR, NY6DX) New W2 Record**
Africa: Sponsored by Bavarian Contest Club, Winner: **EA8DED (ops: OH2PQ, OH9GIT, YL2KF, OH2BP)**

MULTI-OPERTATOR, MULTI-TWO

World: Sponsored by Ed Muns, WØYK, Winner: **CR3DX (ops: CT3EN, CT3DZ, IC8SQS, OM2KW, OM3RG, OM3RM) New Madeira Islands Record**

MULTI-OPERATOR, MULTI-TRANSMITTER

World: Sponsored by Mike Trowbridge, KA4RRU, Winner: **CR3W (ops: DK4QT, DJ7JC, DL6TK, DJ8NK, DF7EE, DM2RM, DJ9RR)**
USA: Sponsored by Brian Moran, N9ADG, Winner: **K1SFA @ K1TTT (ops: W1TO, K1SFA, WA2BOT, K2IW, K1MK, WT2P, K1NZ, K5TRP, KJØD, K1TTT)**
USA – Zone 3 High Score: Sponsored by Livermore Amateur Radio Group Endeavors (K6LRG), Winner: **N6WM @ N6RO (ops: N6WM, N6RO, K3EST, K6AW, DL9DRA, WU6P, KK6PXT) New W6 Record**

CLUB COMPETITION

World: Sponsored by Potomac Valley Radio Club, Winner: **Bavarian Contest Club**
USA: Sponsored by Northern California Contest Club, Winner: **Potomac Valley Radio Club**

(Plaque sponsors as of publication date. Additional plaques may be sponsored. NA plaques may now be sponsored as "All NA" (K, VE, & other) or "Non-K/VE NA")