# Results of the 2023 CQWW WPX RTTY Contest

# BY CHRIS TATE,\* N6WM AND ED MUNS,# WØYK

n February 2023, RTTY contesters from around the world got on the air to celebrate a solid Cycle 25, with great upper band conditions, and the 20-meter band starting to change a bit. Thanks to it being winter, the low bands were not terrible so some great scores came in. Additionally, travel to DX locations seems to be getting more regular post pandemic, so there were lots of good prefixes from island locations and traveled-to destinations have stabilized and seem to be returning to normal.

This year we got an extensive amount of material from competitors and participants and we are grateful for that. We can only showcase some, so we appreciate all who submitted pictures and stories, and if we don't cover yours this goround, there will be future opportunities, so keep the information coming!

This article we will showcase a few different types of efforts from around the world. You don't have to be a big gun to enjoy this contest! As always, comprehensive results are displayed in the included line scores, so be sure to check them out.

### Alex, SA2SAA/7S2A - Sweden

Taking on a QRP effort can be quite a challenge for both sides of the QSO. Doing so from under the aurora adds an entirely new dynamic to the situation, as was the case for Alex Gromme, SA2SAA/7S2A who took on the challenge despite the well-lit auroral night in Sweden (Photo A). Alex passed on some of the pros and cons of this in the following statement:

"Good openings with Oceania and Asia at different times of the day, NA always present at night via Aurora-E, unfortu-



Photo A: So beautiful – it's definitely something nice to look at during any radio blackouts. (Photo credit Alex Gromme, SA2SA)

nately no reflection for Pacific via North Pole at night as it happened to me out of contest... in any case a good opportunity to work new countries for my DXCC-DIGI run and Challenge."

## Ali, HZ1ITT - Saudi Arabia

Ali, HZ1ITT was pleased to be on the air from the Kingdom of Saudi Arabia (Photo B). And we were pleased he was QRV. It's always good to get the HZ prefix in the log.

# John, N4MMR – USA (FL)

John Black, N4MMR, was pleased to get some interesting DX in the log during his low-power effort in the contest (Photo C):

"I was excited to land some RTTY contacts for the first time, including LX1HD (Luxembourg), 9A5D (Croatia), XE1YL



Photo B: Ali, HZ1ITT, and his nice shack in Saudi Arabia.



Photo C: N4MMR at his Florida QTH.

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(Mexico), CM6AW (Cuba), HA3DX (Hungary), and CJ2X (Québec)."

John spends lots of time optimizing his low-power setup and has become a very enthusiastic RTTY operator!

# Oleh, I2/UY2ZA - Italy

TM3Z (F4DSK).

....6.546.037

DF1MM.

.868,968

Oleh Pohorilyi, UY2ZA, was operating from Italy as I2/UY2ZA after leaving the conflict in Ukraine, along with his family. He built a small transceiver to get on the air with 4 watts, and put up a dipole at 4 meters (13 feet). Despite

these limited operating conditions, he managed to get quite a few QSOs in the log. We all wish Oleh and displaced operators like him the best.

A few additional soapbox comments from operators enjoying WPX RTTY:

# MW9W(GWØKRL)

What a fantastic weekend! Of course, things didn't go to plan as I went down with "man-flu" two days before the contest. Still dosed up on meds, it wasn't too bad and at least it didn't matter that I'd almost lost my voice!

	2023 M	PX RTTY TOP WORL	O SCORES	
	2023 W	PARITY TOP WORL	J SCORES	
SINGLE OPERATOR	IQ6AN (IK6VXO)4,184,129	KZØUS (W7RY)646,99	0 MULTI-OP	K3AK215,433
HIGH POWER	EF7N (EA7KHB)2,716,049	KV2U (K2YG)618,78		G5ROB
All Band	CR5O (CT7AJL)2,614,108	SP5ØUUU (SP2UUU)406,56		OM1HMI132,475
P49X (WØYK)9,180,792	KU2M2,524,608	EA1GT (EA1GT/QRP)386,49		F4IVC129,090
OK7W8,876,820	SP2R2,075,948	KO1H356,40		
AA3B8,024,898	VE3MGY2,020,150	EA3F285,9		CLASSIC
UW1M (UR5MW)8,013,706	V31MA1,808,256		WW4LL3,057,244	HIGH POWER
SN7Q (SP7GIQ)7,803,612	N4SS (W5MX)1,799,352	28 MHz	DAØBCC2,710,350	PJ2T (WI9WI)2,889,831
AK1W (K5ZD)6,330,405	MW9W (GWØKRL)1,669,393	7S2A (SA2SAA)229,35		YT3D2,566,256
KF3P (K3MM)6,112,690	00.1411-	EA9E222,78	2 2411	KI6DY2,406,552
S53M (S51FB)5,612,922	28 MHz	CB3R131,72		IZ2FOS2,347,884
ACØC	EA8AH1,047,888 T77CX (IK4DCX)1,045,296	YO8WW75,79 N8URE48,43	_ 141007	N1RM2,191,196 OZ5W (SM5SIC)1,848,174
EE4Y (EA4GOY)5,240,620	SO25UM (SQ9UM)608,688	IZ2JPN43,1	07.07 1	W3LL1,777,937
28 MHz	PU1JSV566,605	WE6EZ41,20		EU8U1,777,937
PV2K (PY2KNK)2,205,096	JH6WHN485,804	WD9FTZ34,96	Q	EW4A1,166,316
V55Y (V51WH)2,013,736	CO8NDZ432,972	CM3EFM33,8	0 MULTI-OP	R5AN1,023,984
DMØA (DK3DM)1,754,294	CE1WGM395,616	VE3BFU25,00	0 TWO-TRANSMITTER	, , , , , ,
Z35T1,560,698	CX2AQ385,612		All Band	LOW POWER
9N7AA (S53R)1,337,856	IT9RZU315,576	21 MHz	CR3DX22,747,902	VA1XH1,301,916
WD6T (@N6RO)1,319,094	K5QR296,102	UA3QJJ201,18	8 ED1R12,552,932	LA5LJA930,225
KZ7X (K6LL)1,301,016		HG3IPA (HA3JB)148,76	A K9C110,810,878	VE3DZ912,576
D4L (IK2NCJ)1,260,522	21 MHz	CO2AJ119,28	DP7D10,698,840	GØFGI856,575
K4WI1,207,980 YT1X1,186,740	JA6GCE584,910	SP4NKJ118,40		IW1CBG779,145
11171,100,740	ED7B (EC7ZR)546,270	KD9MS83,69	2 NCODY 5.701.110	I3PXN760,320
21 MHz	NG1R (W1QK)545,606 G9F (G4BVY)533,280	DJ3HW80,96	U C37N 4377 373	IK1RGK726,225 YO9BCM667,550
SN2M (SP2XF)2,212,028	IK5AMB422,688	TIØRC (TI2YO)74,25	O KT7E 2 700 221	IW1PNJ639,276
MD7C (M5RIC)1,687,770	MWØCRI421,124	NØUR74,10	U ΙΔ10/0/K 237/13//	DL5KUD614,560
EF5K (EA5DF)1,641,384	WA1FCN320,540	LY5G73,5	3	DE01(0D14,000
HG1S (HA1DAE)1,606,451	YL2CI310,620	HF2ØLVK67,39	MULTI-OP	TRIBANDER/WIRES
HG5D (HA8QZ)1,601,782	E77EA290,088	44.841.1-	MULTI-TRANSMITTER	HIGH POWER
NJ4U (K4EA)1,543,668	EE7R258,093	<b>14 MHz</b> SFØA (SMØLPO)286,12		9A2ZI4,071,354
A65DR (G7SLP)1,448,208			00.404.004	DK8ZZ3,783,013
CV7S (CX7SS)1,101,388 SV2BXA1,083,712	14 MHz	YU1NR59,13 ON3PAT35,62		MM9I (GMØOPS)3,337,873
M5W (MØHMJ)1,039,326	SV2AEL1,110,970	EA7JTP28,29		N3QE3,260,544
141344 (1416) 11416)	DL4FN653,705	TI2BSH26,10	1,555,000	NF3R3,172,580
14 MHz	IW2MXY574,002	OQ4B (ON4BHQ)22,98		ZW2N (PY2MNL)3,030,035
IQ1RY (IZ1LBG)2,191,680	SP8N	YO4BEW21,00		DP8M (DL6NDW)2,422,511
YT3X2,077,682	IW9FDD390,368 PY2NY376,292	OK7N9,03	9 OZ4GM2,465,528	K9OM2,082,417 AE1P1,979,364
IT9BLB1,679,690	PD2PKM338,661	LY4BF7,50		DL6JZ1,827,628
HG2DX1,016,178	HA4WQ287,352	9A5HZ5,04	4 JA6ZPR1,128,190	52002,527,520
EA1B898,986	M5P (M5BIR)272,349		NW6P323,609	LOW POWER
YO4FPF455,455	YT7E265,088	7 MHz		EF7N (EA7KHB)2,716,049
4Z5FI371,490		SP4LO147,42		CR5O (CT7AJL)2,614,108
DH6BH253,300 HB9DOS76,475	7 MHz	I2/UY2ZA (UY2ZA)62,97		VE3MGY2,020,150
UA3MCH73,428	S51CK1,694,712	MM7BWK41,04		MW9W (GWØKRL)1,669,393
0A0W01170,420	EA3CI1,574,816	GM1J (MMØBQI)36,86		OK2WY1,486,446
7 MHz	IT9RJE1,556,160	SP6EIY29,92		UZ1WW1,485,200
S52X3,333,024	SP4TKR1,156,400 LZ7X (LZ1UQ)1,077,668	YD3AMT1 BH5HGI		PG7M1,395,390 R7MM1,245,176
KK9A2,375,712	E7ØY971,740	2.101101	DC6O2,522,919	AH2O1,122,990
G8X (G4FJK)2,312,024	OK2RU833,272	3.5 MHz	IQ8QX46,500	VE2BVV1,117,464
IV3ZXQ2,090,952	I3PXN760,320	UT3N (UT3NK)159,69		122311
W3LL1,777,937	OM3ZWA672,010	SP3EMA119,18		YOUTH
7S9A (SA6FOL)1,452,680 YQ6A (YO6BHN)1,053,360	IW1PNJ639,276	M9N (G7WHI)59,78		HIGH POWER
LZ5K881,250		YL3FW41,60	O HIGH POWER	DM7XX4,571,248
K8IA689,724	3.5 MHz	PAØAWH5,1		IU1LCU1,190,601
9A6KX666,687	S51W553,280	EE2A (EA2SN)3,4	EI6IKB999,440	OE9SEV34,485
	EW7B494,648	JA5NSR	1007 VIVI	LOW DOWED
3.5 MHz	IK4RVG469,386		M9B (MØLKW)411,720	LOW POWER
HA1TJ1,314,588	OM5KM394,000 OK2HBR302,900	MULTI-OP	W3FR225,280	DJ4MX1,605,065 BD4VGZ726,652
S53X957,110		SINGLE-TRANSMITTER	EF5T (EA5JDN)199,136	
				K5TRP 224 264
I1WXY447,672	IW2HUS249,536	HIGH POWER	KC3TAU174,563	K5TRP224,264 DK1YH124,898
I1WXY447,672 IZ3SQW343,916		HIGH POWER All Band	KC3TAU174,563 KD2UBH151,466	K5TRP224,264 DK1YH124,898 EA2ESK68,134
I1WXY447,672 IZ3SQW343,916 DH8WR241,774	IW2HUS249,536 E79D212,658	HIGH POWER All Band IQ4FC11,821,95	KC3TAU	DK1YH124,898
I1WXY447,672 IZ3SQW343,916 DH8WR241,774 OL7P (OK1CRM)230,880	IW2HUS249,536 E79D212,658 OK2VV161,424	HIGH POWER All Band IQ4FC11,821,99 9A5D6,384,93	KC3TAU	DK1YH
11WXY	IW2HUS	HIGH POWER All Band IQ4FC	KC3TAU 174,563 KD2UBH 151,466 0 KO6M 97,152 0 N3AML 32,994	DK1YH
11WXY	IW2HUS     249,536       E79D     212,658       OK2VV     161,424       HA3GO     143,040       G6N (GØGDU)     100,500	HIGH POWER All Band IQ4FC	KC3TAU 174,563 KD2UBH 151,466 0 KO6M 97,152 0 N3AML 32,994 8 2 <b>LOW POWER</b>	DK1YH       124,898         EA2ESK       68,134         EI8KW       67,850         BH2SWB       57,771         DQ5M (DK6SP)       47,994         JQ7AXT       31,200
11WXY	IW2HUS	HIGH POWER All Band IQ4FC	KC3TAU	DK1YH
11WXY     447,672       IZ3SQW     343,916       DH8WR     241,774       0.TP (OK1CRM)     230,880       IV3RYP     198,740       IV3VBM     166,348       LZ33E (LZ5XQ)     161,624       M2E (GØRPM)     42,570	W2HUS	HIGH POWER All Band IQ4FC 11,821,94 9A5D 6,384,93 LZ5R 5,927,5 ND3D 5,388,43 S51A 5,389,2	KC3TAU 174,563 KD2UBH 151,466 KO6M 97,152 N3AML 32,994  LOW POWER F4ITQ 573,447 KC1RET 560,986	DK1YH       .124,898         EA2ESK       .68,134         EI8KW       .67,850         BH2SWB       .57,771         DQ5M (DK6SP)       .47,994         JQ7AXT       .31,200
11WXY	IW2HUS 249,536 E79D 212,658 OK2VV 161,424 HA3GO 143,040 G6N (GØGDU) 100,500 QRP All Band	HIGH POWER All Band IQ4FC	KC3TAU 174,563 KD2UBH 151,466 KO6M 97,152 N3AML 32,994  LOW POWER F4ITQ 573,447 KC1RET 560,986 IUØRBE 523,973 ED4J (EA4HKF) 428,496	DK1YH       .124,898         EA2ESK       .68,134         EI8KW       .67,850         BH2SWB       .57,771         DQ5M (DK6SP)       .47,994         JQ7AXT       .31,200

DD5VL.

OK70 .....

## G1N (GØURR)

"WOW! What a contest this was. My best-ever entry, with the SFI over 200. Ten and fifteen were incredible. Antennas were a Spiderbeam at 8 meters, my 40-meter phased verticals and a new 80-meter vertical over multiple radials. Great fun, loved it. Thanks to everyone that called me and to the organizers for putting it on."

# KZ7X(K6LL)

IV3RYP

IV3VBM

IW2HUS ...

198 740

166,348

.249.536

"Conditions were great, with solar flux about 215 and K index 2 or less. It was lots of fun."

#### AJ6V

"Conditions were very good. With the high solar flux index,

Europe was stronger on 15 meters than on 20, and Japan was stronger on 10 than on 15. We haven't seen conditions like that for a long time."

lan Capon, MW9W/GWØKRL in Wales, (Photo D), also shared his excitement over this year's WPX RTTY contest:

"Conditions from here seemed really good and I think for the first time my station 'felt loud.' I have been practicing using SO2V for a while but this year everything worked perfectly and I felt it really helped my score. It was also nice to have all 5 bands with propagation... even more fun!"

From Japan, JH4WBY didn't send any comments, but he did share a photo (Photo E). He looks happy!

YO8OLY...

132,475

129 090

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	2023 WI	PX RTTY TOP EUROPE	SCURES	
SINGLE OPERATOR	LZ33E (LZ5XQ)161,624	OK2VV161,424	9A5D6,384,930	IU3QEU113,022
HIGH POWER	M2E (GØRPM)42,570	HA3GO143,040 G6N (GØGDU)100,500	LZ5R5,927,548	HA1NR103,626
All Band	LOW POWER	G6N (GØGDO)100,500	S51A5,369,270 TMØR5.276,502	CLASSIC
OK7W8,876,820 UW1M (UR5MW)8,013,706	All Band	QRP	HG7T5,100,113	HIGH POWER
SN7Q (SP7GIQ)7,803,612	TM3Z (F4DSK)6,546,037	All Band	DP6A4,772,598	YT3D2,566,256
S53M (S51FB)5,612,922	IQ6AN (IK6VXO)4,184,129	DK7HA1,422,660	OH2HAN4,656,762	IZ2FOS2,347,884
EE4Y (EA4GOY)5,240,620	EF7N (EA7KHB)2,716,049	RM5F1,053,763	OK7O4,375,764	OZ5W (SM5SIC)1,848,174
DM7XX4,571,248	CR5O (CT7AJL)2,614,108	ON6NL941,952	OK1KSL4,015,304	EU8U1,550,910
9A2ZI4,071,354	SP2R2,075,948	DF1MM868,968		EW4A1,166,316
US2YW3,827,281	MW9W (GWØKRL)1,669,393	SP5ØUUU (SP2UUU)406,560	MULTI-OP	R5AN1,023,984
DK8ZZ3,783,013	DJ4MX1,605,065	EA1GT (EA1GT/QRP)386,496	SINGLE-TRANSMITTER	DB1WA940,043
MM9I (GMØOPS)3,337,873	OK2WY1,486,446 UZ1WW1,485,200	EA3F285,975 OK4GP272,952	LOW POWER	DF8QB804,063
00 MU-	RA3Y1,484,964	IZ8JFL228,589	All Band	LX1NO794,555 IT9ODQ735,902
<b>28 MHz</b> DMØA (DK3DM)1,754,294	10.01	YU1RH223,139	IT9RBW6,652,387	1190DQ735,902
Z35T1,560,698	28 MHz	1011111220,100	DAØBCC2,710,350	LOW POWER
YT1X1,186,740	T77CX (IK4DCX)1,045,296	28 MHz	DQ4W2,512,890	LA5LJA930,225
DL3BQA1,137,648	SO25UM (SQ9UM)608,688	7S2A (SA2SAA)229,356	ES7A2,279,892 9A7T2,070,852	GØFGI856,575
HA1SN1,112,127	IT9RZU315,576	YO8WW75,795	Z66BCC2,048,704	IW1CBG779,145
LY5W1,090,440	UF5A253,453	IZ2JPN43,152	8S8ØAA1,611,435	I3PXN760,320
SP8K635,390	SV1JG251,624	OM7PY7,923	OL1Z1,561,377	IK1RGK726,225
RG4A460,736	UR5LAM233,448	EA4DUT4,704	ED3D1,088,481	YO9BCM667,550
S57DX445,195	GUØSUP204,314	PA2REH2,464	IQ2DN981,950	IW1PNJ639,276
J42R (SV2HXV)395,975	IT9MRM195,569 SV3EXU154,963	GW5P (GWØEGH)2,100 DL5SFC1,725		DL5KUD614,560
	R2XM151,863	DO4ADH435	MULTI-OP	IW2CDH537,758
21 MHz	112XW101,000	DO4AD11400	TWO-TRANSMITTER	EA5HKZ492,898
SN2M (SP2XF)2,212,028	21 MHz	21 MHz	All Band	TRIBANDER/WIRES
MD7C (M5RIC)1,687,770	ED7B (EC7ZR)546,270	UA3QJJ201,188	ED1R12,552,932	HIGH POWER
EF5K (EA5DF)1,641,384	G9F (G4BVY)533,280	HG3IPA (HA3JB)148,764	DP7D10,698,840	9A2ZI
HG1S (HA1DAE)1,606,451 HG5D (HA8QZ)1,601,782	IK5AMB422,688	SP4NKJ118,405	DQ2C9,426,468	DK8ZZ3,783,013
SV2BXA1,083,712	MWØCRI421,124	DJ3HW80,960	C37N4,377,272	MM9I (GMØOPS)3,337,873
M5W (MØHMJ)1,039,326	YL2CI310,620	LY5G73,513	LA1ØØK2,374,344	DP8M (DL6NDW)2,422,511
SN5X920,138	E77EA290,088	HF2ØLVK67,392	ES5G993,711	DL6JZ1,827,628
SV3SCW904,916	EE7R258,093 LZ2JA254,330	YO3DAC51,538 UR2Y (USØYW)45,552	OL7K331,299	Z35T1,560,698
LZ4AE881,280	MØBLF234,635	IZ2QKG8,296		EI6LA1,430,000
			MULTI-OP	YO3RU1,311,987
14 MHz	LY2PAD178,688	UT7AA1,632	MULTI-OP MULTI-TRANSMITTER	S5ØRY (S53K)1,303,447
IQ1RY (IZ1LBG)2,191,680		UT7AA1,632	MULTI-TRANSMITTER All Band	
IQ1RY (IZ1LBG)2,191,680 YT3X2,077,682	LY2PAD178,688	UT7AA1,632 <b>14 MHz</b> SFØA (SMØLPO)286,124	MULTI-TRANSMITTER	S5ØRY (S53K)1,303,447 DK5MB1,183,336
IQ1RY (IZ1LBG)2,191,680 YT3X2,077,682 IT9BLB1,679,690	LY2PAD178,688  14 MHz  SV2AEL1,110,970 DL4FN653,705	UT7AA	MULTI-TRANSMITTER All Band 9A1A20,431,824 DP9A13,979,736	\$5ØRY (\$53K)1,303,447 DK5MB1,183,336 LOW POWER
IQ1RY (IZ1LBG)2,191,680 YT3X2,077,682 IT9BLB1,679,690 HG2DX1,016,178	LY2PAD	UT7AA	MULTI-TRANSMITTER All Band  9A1A	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)2,191,680 YT3X2,077,682 IT9BLB1,679,690 HG2DX1,016,178 EA1B898,986	LY2PAD	UT7AA	MULTI-TRANSMITTER       All Band     9A1A	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)2,191,680 YT3X2,077,682 IT9BLB1,679,690 HG2DX1,016,178 EA1B889,986 YO4FPF455,455	LY2PAD       14 MHz       SV2AEL     1,110,970       DL4FN     .653,705       IW2MXY     .574,002       SP8N     .401,319       IW9FDD     .390,368	UT7AA	MULTI-TRANSMITTER All Band  9A1A	\$5ØRY (\$53K)
O1RY (IZ1LBG)	LY2PAD	UT7AA	MULTI-TRANSMITTER All Band       9A1A     20,431,824       DP9A     13,979,736       DG4UF     4,426,311       DQ9Y     3,941,613       OZ4GM     2,465,528	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)2,191,680 YT3X2,077,682 IT9BLB1,679,690 HG2DX1,016,178 EA1B889,986 YO4FPF455,455	LY2PAD	UT7AA	MULTI-TRANSMITTER All Band 9A1A	\$5ØRY (\$53K)
Q1RY (IZ1LBG)	LY2PAD	UT7AA	MULTI-TRANSMITTER All Band  9A1A	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD.     178,688       14 MHz       SV2AEL     1,110,970       DL4FN     653,705       IW2MXY     574,002       SP8N     401,319       IW9FDD     390,368       PD2PKM     338,661       HA4WQ     287,352       M5P (M5BIR)     272,349       YT7E     265,088	UT7AA     1,632       14 MHz       SFØA (SMØLPO)     286,124       YU1NR     .59,130       ON3PAT     35,620       EA7JTP     28,290       OQ4B (ON4BHQ)     22,989       YO4BEW     21,008       OK7N     9,039       LY4BF     7,503	MULTI-TRANSMITTER All Band 9A1A. 20,431,824 DP9A. 13,979,736 DG4UF 4,426,311 DQ9Y. 3,941,613 OZ4GM. 2,465,528  MULTI-OP MULTI-DISTRIBUTED HIGH POWER	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD	UT7AA       14 MHz       SFØA (SMØLPO)     286,124       YU1NR     .59,130       ON3PAT     35,620       EA7JTP     28,290       OQ4B (ON4BHQ)     .22,989       YO4BEW     .21,008       OK7N     9,039       LY4BF     .7,503       9A5HZ     .5,044       DL7EDU     .1,450	MULTI-TRANSMITTER All Band 9A1A	\$5ØRY (\$53K)
OLARY (IZ1LBG)	LY2PAD	UT7AA	MULTI-TRANSMITTER All Band  9A1A	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD	UT7AA	MULTI-TRANSMITTER All Band 9A1A. 20,431,824 DP9A. 13,979,736 DG4UF 4,426,311 DQ9Y 3,941,613 OZ4GM. 2,465,528  MULTI-OP MULTI-DISTRIBUTED HIGH POWER All Band IQ3ME 5,405,472 DC6O 2,522,919	\$50RY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD	UT7AA	MULTI-TRANSMITTER All Band  9A1A	\$5ØRY (\$53K)
OLARY (IZ1LBG)	LY2PAD	UT7AA	MULTI-TRANSMITTER All Band  9A1A	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD.     178,688       14 MHz       SV2AEL     1,110,970       DL4FN     .653,705       IW2MXY     .574,002       SP8N     .401,319       IW9FDD     .399,368       PD2PKM     .338,661       HA4WQ     .287,352       M5P (M5BIR)     .272,349       YT7E     .265,088       DL3KVR     .247,422       7 MHz       S51CK     .1,694,712       EA3CI     .1,574,816       IT9RJE     .1,556,160       SP4TKR     .1,156,400	UT7AA	MULTI-TRANSMITTER All Band  9A1A. 20,431,824 DP9A. 13,979,736 DG4UF 4,426,311 DQ9Y 3,941,613 OZ4GM. 2,465,528  MULTI-OP MULTI-DISTRIBUTED HIGH POWER All Band  IQ3ME 5,405,472 DC6O 2,522,919 IQ8QX 46,500  ROOKIE	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD	UT7AA	MULTI-TRANSMITTER All Band  9A1A	\$5ØRY (\$53K)
OLARY (IZ1LBG)	LY2PAD	UT7AA	MULTI-TRANSMITTER All Band 9A1A. 20,431,824 DP9A. 13,979,736 DG4UF 4,426,311 DQ9Y 3,941,613 OZ4GM. 2,465,528  MULTI-OP MULTI-DISTRIBUTED HIGH POWER All Band IQ3ME 5,405,472 DC6O 2,522,919 IQ8QX 46,500  ROOKIE HIGH POWER EIGIKB 999,440 IUØPVM 762,354	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD	UT7AA	MULTI-TRANSMITTER All Band 9A1A	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD.     178,688       14 MHz       SV2AEL     1,110,970       DL4FN     .653,705       IW2MXY     .574,002       SP8N     .401,319       IW9FDD     .399,368       PD2PKM     .338,661       HA4WQ     .287,352       M5P (M5BIR)     .272,349       YT7E     .265,088       DL3KVR     .247,422       7 MHz       S51CK     1,694,712       EA3CI     1,574,816       IT9RJE     1,556,160       SP4TKR     1,156,400       LZ7X (LZ1UQ)     1,077,668       E7ØY     .971,740       OK2RU     .833,272	UT7AA	MULTI-TRANSMITTER All Band 9A1A. 20,431,824 DP9A. 13,979,736 DG4UF 4,426,311 DQ9Y 3,941,613 OZ4GM. 2,465,528  MULTI-OP MULTI-DISTRIBUTED HIGH POWER All Band IQ3ME 5,405,472 DC6O 2,522,919 IQ8QX 46,500  ROOKIE HIGH POWER EIGIKB 999,440 IUØPVM 762,354	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD.     178,688       14 MHz       SV2AEL     1,110,970       DL4FN     .653,705       IW2MXY     .574,002       SP8N     .401,319       IW9FDD     .390,368       PD2PKM     .338,661       HA4WQ     .287,352       M5P (M5BIR)     .272,349       YTFE     .265,088       DL3KVR     .247,422       7 MHz       S51CK     1,694,712       EA3CI     1,574,816       IT9RJE     1,556,160       SP4TKR     1,156,400       LZ7X (LZ1UQ)     1,077,668       E70Y     .971,740       OK2RU     .833,272       I3PXN     .760,320	UT7AA	MULTI-TRANSMITTER All Band  9A1A. 20,431,824 DP9A. 13,979,736 DG4UF 4,426,311 DQ9Y 3,941,613 OZ4GM. 2,465,528  MULTI-OP MULTI-DISTRIBUTED HIGH POWER All Band  IQ3ME 5,405,472 DC6O 2,522,919 IQ8QX 46,500  ROOKIE HIGH POWER HIGH POWER  EIGIKB 999,440 IUOPVM 762,354 M9B (MOLKW) 411,720 EF5T (EASJDN) 199,136	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD.     178,688       14 MHz       SV2AEL     1,110,970       DL4FN     .653,705       IW2MXY     .574,002       SP8N     .401,319       IW9FDD     .390,368       PD2PKM     .338,661       HA4WQ     .287,352       M5P (M5BIR)     .272,349       YTFE     .265,088       DL3KVR     .247,422       7 MHz       S51CK     1,694,712       EA3CI     1,574,816       IT9RJE     1,556,160       SP4TKR     1,156,400       LZ7X (LZ1UQ)     1,077,668       E70Y     .971,740       OK2RU     .833,272       I3PXN     .760,320       OM3ZWA     .672,010       IW1PNJ     .639,276	UT7AA	MULTI-TRANSMITTER All Band 9A1A. 20,431,824 DP9A. 13,979,736 DG4UF 4,426,311 DQ9Y. 3,941,613 OZ4GM. 2,465,528  MULTI-OP MULTI-OP MULTI-DISTRIBUTED HIGH POWER All Band IQ3ME 5,405,472 DC6O 2,522,919 IQ8QX 46,500  ROOKIE HIGH POWER EIGIKB 999,440 IUØPVM 762,354 M9B (MØLKW) 411,720 EF5T (EASJDN) 199,136	\$5ØRY (\$53K)
OLRY (IZ1LBG)	LY2PAD.     178,688       14 MHz       SV2AEL     1,110,970       DL4FN     653,705       IW2MXY     574,002       SP8N     401,319       IW9FDD     390,368       PD2PKM     338,661       HA4WQ     287,352       M5P (M5BIR)     272,349       YT7E     265,088       DL3KVR     247,422       7 MHz       S51CK     1,694,712       EA3CI     1,574,816       IT9RJE     1,556,160       SP4TKR     1,156,400       LZ7X (LZ1UQ)     1,077,668       E70Y     971,740       OK2RU     833,272       I3PXN     760,320       OM3ZWA     672,010       IW1PNJ     639,276	UT7AA	MULTI-TRANSMITTER All Band  9A1A	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD.     178,688       14 MHz       SV2AEL     1,110,970       DL4FN     .653,705       IW2MXY     .574,002       SP8N     .401,319       IW9FDD     .399,368       PD2PKM     .338,661       HA4WQ     .287,352       M5P (M5BIR)     .272,349       YT7E     .265,088       DL3KVR     .247,422       7 MHz       S51CK     1,694,712       EA3CI     1,574,816       IT9RJE     1,556,160       SP4TKR     1,156,400       LZ7X (LZ1UQ)     1,077,668       E70Y     .971,740       OK2RU     .833,272       I3PXN     .760,320       OM3ZWA     .672,010       IW1PNJ     .639,276       3.5 MHz       S51W     .553,280	UT7AA	MULTI-TRANSMITTER All Band 9A1A. 20,431,824 DP9A. 13,979,736 DG4UF 4,426,311 DQ9Y 3,941,613 OZ4GM. 2,465,528  MULTI-OP MULTI-DISTRIBUTED HIGH POWER All Band IQ3ME 5,405,472 DC6O 2,522,919 IQ8QX 46,500  ROOKIE HIGH POWER HIGH POWER EIGIKB 999,440 IUØPVM 762,354 M9B (MØLKW) 411,720 EF5T (EASJDN) 199,136  LOW POWER FAITO 573,447 IUØRBE 523,973	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD.     178,688       14 MHz       SV2AEL     1,110,970       DL4FN     .653,705       IW2MXY     .574,002       SPBN     .401,319       IW9FDD     .399,368       PD2PKM     .338,661       HA4WQ     .287,352       M5P (M5BIR)     .272,349       YTFE     .265,088       DL3KVR     .247,422       7 MHz       S51CK     1,694,712       EA3CI     1,574,816       IT9RJE     1,556,160       SP4TKR     1,156,400       LZ7X (LZ1UQ)     1,077,668       E7OY     .971,740       OK2RU     .833,272       I3PXN     .760,320       OM3ZWA     .672,010       IW1PNJ     .639,276       S51W     .553,280       EW7B     .494,648	UT7AA     1,632       14 MHz     SFØA (SMØLPO)     286,124       YU1NR     59,130     35,620       EA7JTP     28,290     22,989       YO4BEW     21,008     0K7N     9,039       LY4BF     7,503     9A5HZ     5,044       DL7EDU     1,450       7 MHz     SP4LO     147,420       I2/UY2ZA (UY2ZA)     62,976     MM7BWK     41,040       GM1J (MMØBQI)     36,860     SP6EIY     29,920       3.5 MHz     UT3N (UT3NK)     159,698       SP3EMA     119,184       M9N (G7WHI)     59,780       YL3FW     41,600       PAØAWH     5,112       EE2A (EA2SN)     3,472	MULTI-TRANSMITTER All Band 9A1A. 20,431,824 DP9A. 13,979,736 DG4UF 4,426,311 DQ9Y. 3,941,613 OZ4GM. 2,465,528  MULTI-OP MULTI-DISTRIBUTED HIGH POWER All Band IQ3ME 5,405,472 DC6O 2,522,919 IQ8QX 46,500  ROOKIE HIGH POWER EIGIKB 999,440 IUØPVM 762,354 M9B (MØLKW) 411,720 EF5T (EASJDN) 199,136  LOW POWER F4ITQ 573,447 IUØRBE 523,973 ED4J (EA4HKF) 428,496	\$5ØRY (\$53K)
OLARY (IZ1LBG)	178,688   14 MHz   SV2AEL	UT7AA     1,632       14 MHz       SFØA (SMØLPO)     286,124       YU1NR     59,130       ON3PAT     35,620       EA7JTP     28,290       OQ4B (ON4BHQ)     22,989       YO4BEW     21,008       OK7N     9,039       LY4BF     7,503       9A5HZ     5,044       DL7EDU     1,450       7 MHz       SP4LO     147,420       12/UV2ZA (UY2ZA)     62,976       MM7BWK     41,040       GM1J (MMØBQI)     36,860       SP6EIY     29,920       3.5 MHz       UT3N (UT3NK)     159,698       SP3EMA     119,184       M9N (G7WHI)     59,780       VL3FW     41,600       PAØAWH     5,112       EE2A (EA2SN)     3,472	MULTI-TRANSMITTER All Band 9A1A	\$5ØRY (\$53K)
IQ1RY (IZ1LBG)	LY2PAD.     178,688       14 MHz       SV2AEL     1,110,970       DL4FN     .653,705       IW2MXY     .574,002       SPBN     .401,319       IW9FDD     .399,368       PD2PKM     .338,661       HA4WQ     .287,352       M5P (M5BIR)     .272,349       YTFE     .265,088       DL3KVR     .247,422       7 MHz       S51CK     1,694,712       EA3CI     1,574,816       IT9RJE     1,556,160       SP4TKR     1,156,400       LZ7X (LZ1UQ)     1,077,668       E7OY     .971,740       OK2RU     .833,272       I3PXN     .760,320       OM3ZWA     .672,010       IW1PNJ     .639,276       S51W     .553,280       EW7B     .494,648	UT7AA     1,632       14 MHz     SFØA (SMØLPO)     286,124       YU1NR     59,130     35,620       EA7JTP     28,290     22,989       YO4BEW     21,008     0K7N     9,039       LY4BF     7,503     9A5HZ     5,044       DL7EDU     1,450       7 MHz     SP4LO     147,420       I2/UY2ZA (UY2ZA)     62,976     MM7BWK     41,040       GM1J (MMØBQI)     36,860     SP6EIY     29,920       3.5 MHz     UT3N (UT3NK)     159,698       SP3EMA     119,184       M9N (G7WHI)     59,780       YL3FW     41,600       PAØAWH     5,112       EE2A (EA2SN)     3,472	MULTI-TRANSMITTER All Band 9A1A. 20,431,824 DP9A. 13,979,736 DG4UF 4,426,311 DQ9Y. 3,941,613 OZ4GM. 2,465,528  MULTI-OP MULTI-DISTRIBUTED HIGH POWER All Band IQ3ME 5,405,472 DC6O 2,522,919 IQ8QX 46,500  ROOKIE HIGH POWER EIGIKB 999,440 IUØPVM 762,354 M9B (MØLKW) 411,720 EF5T (EASJDN) 199,136  LOW POWER F4ITQ 573,447 IUØRBE 523,973 ED4J (EA4HKF) 428,496	\$5ØRY (\$53K)

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All Band

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	2023 WPX F	RTTY TOP UNITED STA	TES SCORES	
	2020 WI XI	TITT TOT ONTILE OF	TEO OOOTIEO	
011101 = 00=0.4700	0.5141	NO00 ((00011A)	NIVODV 0.004.044	110.111
SINGLE OPERATOR	3.5 MHz	NG6O (K6GHA)152,096	NY6DX2,084,914	NG1M912,120
HIGH POWER	NA5NN (K2FF)7,344	W9AKS30,600	NC1CC1,160,382	AJ6V748,879
All Band		3.5 MHz	WB8SKP469,880	NØTA667,320
AA3B8,024,898	LOW POWER	WZ6ZZ84,280	AB7HP2,773	W4CQE597,702
AK1W (K5ZD)6,330,405	All Band	KEØL1,450		4U1WB (AJ3M)431,892
KF3P (K3MM)6,112,690	KU2M2,524,608	KLØL1,450	MULTI-OP	NN4NN (K3SV)274,052
ACØC5,285,436	N4SS (W5MX)1,799,352	QRP	TWO-TRANSMITTER	K7JQ266,751
AD4EB4,179,618	AH2O1,122,990	All Band	All Band	
WK1Q	W4RN1,122,987	KZØUS (W7RY)646,990	K9CT10.810.878	LOW POWER
(K1MK @K1TTT)3,966,795	N8CWU915,875	KV2U (K2YG)618,786	WV4P8,950,866	NG1R (W1QK)545,606
K7RL3,550,008	WB2JVO (K2AL)792,819	KO1H356,400	NCØDX5,701,110	K7DR320,120
KU1CW3,346,710	WA2DNI770,628	WU5K (K5NZ)248,685	KT7E3,709,321	N3CKI258,266
N3QE3,260,544	W3KB768,504	W6QU (W8QZA)115,415	K3CCR2,022,744	W2VTV226,380
NF3R3,172,580	AC5XK722,294	WQ6X67.144	1,000112,022,744	W1DYJ225,944
	KØRC696,496	K4SAA50,944	MULTI-OP	W3DQS220,158
28 MHz		AI9K40.800	MULTI-TRANSMITTER	WZ4M192,660
WD6T (@N6RO)1,319,094	28 MHz	KG2U16,380	All Band	W7TMT189,002
KZ7X (K6LL)1,301,016	K5QR296,102	AA8OY13,840	W3GH5.389.308	N7WLC182,850
K4WI1,207,980	WO4O254,040	7,700110,040	NW8S4,555,968	AF1R181,440
KZ5MM (W5PR)1,107,150	KF6RY (W6ZL)125,874	28 MHz	WA3EKL1,457,376	TRIBANDER/WIRES
NS1L (N6SS)641,348	N9VPV117,912	N8URE48,438	NW6P323.609	
W9ILY619,918	AB9YC115.913	WE6EZ41,208	144401323,009	HIGH POWER
WX6V337,120	WB1AEL73,350	WD9FTZ34,969	ROOKIE	N3QE3,260,544
WZ7ZR (W7ZR)321,195	NK5G62.208	KE6GLA10,906	HIGH POWER	NF3R3,172,580 K9OM2,082,417
KSØAA131,446	14-111.0	110141410		
	K7ULS58,368	N3MWQ2,774	WQDCT 1 008 807	
K7IU118,197	K7ULS58,368 N9LJX48,786	, and the second se	W9DCT1,008,807 W3FR 225,280	AE1P1,979,364
		21 MHz	W3FR225,280	AE1P1,979,364 AD5XD1,703,184
	N9LJX48,786	<b>21 MHz</b> KD9MS83,692	W3FR225,280 KC3TAU174,563	AE1P
K7IU118,197	N9LJX48,786	21 MHz	W3FR225,280 KC3TAU174,563 KD2UBH151,466	AE1P
K7IU118,197	N9LJX	<b>21 MHz</b> KD9MS83,692 NØUR74,108	W3FR225,280 KC3TAU174,563	AE1P
K7IU	N9LJX	21 MHz KD9MS83,692 NØUR74,108 MULTI-OP	W3FR	AE1P
K7IU	N9LJX	<b>21 MHz</b> KD9MS83,692 NØUR74,108	W3FR	AE1P
K7IU	N9LJX	21 MHz KD9MS	W3FR	AE1P
K7IU	N9LJX	21 MHz KD9MS	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 844,770
K7IU	N9LJX. 48,786 K4FT. 37,908  21 MHz  NG1R (W1CK) 545,606 WA1FCN 320,540 WNØL 132,009 KC7CM 75,144 N7DB 73,340	21 MHz KD9MS 83,692 NØUR 74,108  MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band ND3D 5,388,432	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 844,770  LOW POWER
K7IU	N9LJX	21 MHz KD9MS	W3FR	AE1P
K7IU	N9LJX	21 MHz KD9MS	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 844,770  LOW POWER AH2O 1,122,990 WB2JVO (K2AL) 792,819
K7IU	N9LJX	21 MHz KD9MS 83,692 NØUR 74,108  MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band ND3D 5,388,432 KS9R 3,185,820 WM7A 841,156 W4MLB 598,662	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 844,770  LOW POWER  AH2O 1,122,990 WB2JVO (K2AL) 792,819 AC5XK 722,294 N5SMQ 505,500 KW1X 436,800
K7IU       21 MHz       NJ4U (K4EA)     1,543,668       WV6I (N6WM)     360,836       WF6C (N6XI)     60,480       WQ3U     17,372       KFØIQ     779       14 MHz       W5TN     20,592       W3IK     11,560       W4SSF     1,908       W42PCN     930	N9LJX	21 MHz KD9MS 83,692 NØUR 74,108  MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band ND3D 5,388,432 KS9R 3,185,820 WM7A 841,156 W4MLB 598,662 AG6AU 389,991	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 844,770  LOW POWER AH2O 1,122,990 WB2JVO (K2AL) 792,819 AC5XK 722,294 NSSMQ 505,500 KW1X 436,800 WB8JUI 434,603
K7IU	N9LJX	21 MHz KD9MS 83,692 NØUR 74,108  MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band ND3D 5,388,432 KS9R 3,185,820 WM7A 841,156 W4MLB 598,662 AG6AU 389,991 KD9V 290,997	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 844,770  LOW POWER AH2O 1,122,990 WB2JVO (K2AL) 792,819 AC5XK 722,294 NSSMQ 505,500 KW1X 436,800 WB8JUI 434,603 KC2WUF 414,636
K7IU       21 MHz       NJ4U (K4EA)     1,543,668       WY6I (N6WM)     360,836       WF6C (N6XI)     60,480       WQ3U     17,372       KFØIQ     779       14 MHz       W5TN     20,592       W3IK     11,560       W4SSF     1,908       WA2PCN     930       AA5AU     819	N9LJX	21 MHz KD9MS 83,692 NØUR 74,108  MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band ND3D 5,388,432 KS9R 3,185,820 WM7A 841,156 W4MLB 598,662 AG6AU 389,991	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 844,770  LOW POWER  AH2O 1,122,990 WB2JVO (K2AL) 792,819 AC5XK 722,294 NSSMO 505,500 KW1X 436,800 WB8JUI 434,603 KC2WUF 414,636 KSRWN 330,620
K7IU       21 MHz       NJ4U (K4EA)     1,543,668       WV6I (N6WM)     360,836       WF6C (N6XI)     60,480       WQ3U     17,372       KFØIQ     779       14 MHz       W5TN     20,592       W3IK     11,560       W4SSF     1,908       W4SSF     930       AA5AU     819       7 MHz	N9LJX	21 MHz KD9MS 83,692 NØUR 74,108  MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band ND3D 5,388,432 KS9R 3,185,820 WM7A 841,156 W4MLB 598,662 AG6AU 389,991 KD9V 290,997 AK2S 238,810	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 1,122,990 WB2JVO (K2AL) 792,819 AC5XK 722,294 N5SMQ 505,500 KW1X 436,800 WB8JUI 434,603 KC2WUF 4114,636 K3RWN 330,620 WG1J,703,180
K7IU       21 MHz       NJ4U (K4EA)     1,543,668       WV6I (N6WM)     360,836       WF6C (N6XI)     60,480       WQ3U     17,372       KFØIQ     779       14 MHz       W5TN     20,592       W3IK     11,560       W4SSF     1,908       WA2PCN     930       AA5AU     819       7 MHz       KK9A     2,375,712	N9LJX	21 MHz KD9MS 83,692 NØUR 74,108  MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band ND3D 5,388,432 KS9R 3,185,820 WM7A 841,156 W4MLB 598,662 WM7A 389,991 KD9V 290,997 AK2S 238,810  MULTI-OP	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 844,770  LOW POWER  AH2O 1,122,990 WB2JVO (K2AL) 792,819 AC5XK 722,294 N5SMO 505,500 KW1X 436,800 WB8JUI 434,603 KC2WUF 414,636 KSRWN 330,620
X7 IMHz         NJ4U (Κ4ΕΑ)       1,543,668         WV6I (N6WM)       360,836         WF6C (N6XI)       60,480         WQ3U       17,372         KFØIQ       779         14 MHz         WSTN       20,592         W3IK       11,560         W4SSF       1,908         WA2PCN       930         AA5AU       819         7 MHz         KK9A       2,375,712         W3L       1,777,937	N9LJX	21 MHz KD9MS 83,692 NØUR 74,108  MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band ND3D 5,388,432 KS9R 3,185,820 WM7A 841,156 W4MLB 598,662 AG6AU 389,991 KD9V 290,997 AK2S 238,810  MULTI-OP SINGLE-TRANSMITTER	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 844,770  LOW POWER  AH2O 1,122,990 WB2JVO (K2AL) 792,819 AC5XK 722,294 N5SMO 505,500 KW1X 436,800 WB8JUI 434,603 KC2WUF 414,636 KSRWN 330,620 WG1V 328,042 NN5T 303,784
K7IU       21 MHz       NJ4U (K4EA)     1,543,668       WV6I (N6WM)     360,836       WF6C (N6XI)     60,480       WQ3U     17,372       KFØIQ     779       14 MHz       WSTN     20,592       W3K     11,560       W4SSF     1,908       WA2PCN     930       AA5AU     819       7 MHz       KK9A     2,375,712       W3LL     1,777,937       K8IA     689,724	N9LJX.       48,786         K4FT.       37,908         21 MHz         NG1R (W1QK)       545,606         WA1FCN       320,540         WNOL       132,009         KC7CM.       75,144         N7DB.       73,340         14 MHz         W4LC       111,776         K8VT       94,815         N1GDD       22,672         N8GU       2,184         AC2IK       2,016         WØADL       1,144         WA1YGT       204         K3TW       156	21 MHz KD9MS 83,692 NØUR 74,108  MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band ND3D 5,388,432 KS9R 3,185,820 WM7A 841,156 W4MLB 598,662 AG6AU 389,991 KD9V 290,997 AK2S 238,810  MULTI-OP SINGLE-TRANSMITTER LOW POWER	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 844,770  LOW POWER  AH2O 1,122,990 WB2JVO (K2AL) 792,819 AC5XK 722,294 N5SMQ 505,500 KW1X 436,800 WB8JUI 434,603 KC2WUF 414,636 K3RWN 330,620 WG1V 328,042 NNST 303,784
K7IU	N9LJX	21 MHz KD9MS 83,692 NØUR 74,108  MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band ND3D 5,388,432 KS9R 3,185,820 WM7A 841,156 W4MLB 598,662 W4MLB 598,662 AG6AU 389,991 KD9V 290,997 AK2S 238,810  MULTI-OP SINGLE-TRANSMITTER LOW POWER All Band	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 844,770  LOW POWER AH2O 1,122,990 WB2JVO (K2AL) 792,819 AC5XK 722,294 NSSMQ 505,500 KW1X 436,800 WB8JUI 434,603 KC2WUF 414,636 K3RWN 330,620 WG1V 328,042 NNST 303,784  YOUTH LOW POWER
K7IU       21 MHz       NJ4U (K4EA)     1,543,668       WV6I (N6WM)     360,836       WF6C (N6XI)     60,480       WQ3U     17,372       KFØIQ     779       14 MHz       WSTN     20,592       W3K     11,560       W4SSF     1,908       WA2PCN     930       AA5AU     819       7 MHz       KK9A     2,375,712       W3LL     1,777,937       K8IA     689,724	N9LJX.       48,786         K4FT.       37,908         21 MHz         NG1R (W1QK)       545,606         WA1FCN       320,540         WNOL       132,009         KC7CM.       75,144         N7DB.       73,340         14 MHz         W4LC       111,776         K8VT       94,815         N1GDD       22,672         N8GU       2,184         AC2IK       2,016         WØADL       1,144         WA1YGT       204         K3TW       156	21 MHz KD9MS 83,692 NØUR 74,108  MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band ND3D 5,388,432 KS9R 3,185,820 WM7A 841,156 W4MLB 598,662 AG6AU 389,991 KD9V 290,997 AK2S 238,810  MULTI-OP SINGLE-TRANSMITTER LOW POWER	W3FR	AE1P 1,979,364 AD5XD 1,703,184 KZ7X (K6LL) 1,301,016 N6ZFO 964,429 W1HS 943,056 WX2NJ (K2RET) 887,880 W6SX 844,770  LOW POWER  AH2O 1,122,990 WB2JVO (K2AL) 792,819 AC5XK 722,294 N5SMQ 505,500 KW1X 436,800 WB8JUI 434,603 KC2WUF 414,636 K3RWN 330,620 WG1V 328,042 NNST 303,784

# 2023 CQWW RTTY WPX BAND-BY-BAND BREAKDOWN — TOP ALL BAND SCORES

Number groups indicate: QSOs / Prefixes on each band

# WORLD SINGLE OPERATOR ALL BAND

# USA TOP SINGLE OPERATOR ALL BAND

	WORLD SINGLE OPERATOR ALL BAND					USA TOP	SINGLE OF	PERATOR	ALL BAND		
Station	80	40	20	15	10	Station	80	40	20	15	10
K7RL	96/18	334/122	313/121	783/291	654/196	K7RL	96/18	334/122	313/121	783/291	654/196
PJ2T	0/0	301/211	233/56	468/138	449/166	N6AR	54/23	437/245	337/116	273/99	382/184
N6AR	54/23	437/245	337/116	273/99	382/184	KI6DY	121/37	376/226	402/118	277/93	338/117
*CR50	7/7	323/121	208/67	415/161	641/267	N1RM	47/17	530/310	350/99	144/45	218/85
YT3D	187/120	363/152	181/64	167/74	365/206	AE1P	154/104	281/74	434/169	262/121	261/119
WORLD MULTI-OPERATOR SINGLE TRANSMITTER				US	A MULTI-O	PERATOR	SINGLE T	RANSMITT	ER		
IQ4FC	273/92	936/430	864/177	584/176	783/175	ND3D	171/58	684/322	540/150	463/137	397/145
*IT9RBW	145/58	957/405	305/114	465/155	360/157	KS9R	172/63	590/275	449/81	335/106	317/135
9A5D	284/79	631/241	575/200	480/201	393/149	*WW4LL	70/15	687/377	374/97	317/133	228/96
LZ5R	221/71	770/371	276/62	414/160	440/150	*KA4RRU	164/56	505/262	183/46	308/126	376/155
ND3D	171/58	684/322	540/150	463/137	397/145	*NY6DX	94/41	383/238	160/72	197/119	336/219
W	ORLD MULT	TI-OPERAT	OR TWO T	RANSMIT	ΓER	U	SA MULTI-	OPERATO	R TWO TR	ANSMITTE	R
CR3DX	307/67	1129/325	1229/240	1296/246	1418/271	K9CT	348/70	858/279	817/205	1028/250	838/250
ED1R	330/121	926/281	943/205	1111/245	682/205	WV4P	344/74	770/299	659/117	859/224	899/288
K9CT	348/70	858/279	817/205	1028/250	838/250	NCØDX	231/28	614/213	575/129	821/294	736/206
DP7D	516/175	852/290	452/110	776/211	696/231	KT7E	117/24	493/161	341/99	759/269	599/184
DQ2C	569/212	851/272	526/127	553/186	520/174	K3CCR	100/33	295/177	326/178	297/133	203/101
WORLD MULTI-OPERATOR MULTI-TRANSMITTER				US	SA MULTI-C	PERATOR	R MULTI-TF	RANSMITTE	≣R		
9A1A	774/206	1355/321	1195/219	1124/225	852/197	W3GH	276/42	781/273	626/210	555/192	408/117
DP9A	598/154	1165/344	909/207	848/202	662/154	NW8S	288/82	577/210	568/150	626/204	364/132
W3GH	276/42	781/273	626/210	555/192	408/117	WA3EKL	141/60	256/167	214/111	211/112	194/114
NW8S	288/82	577/210	568/150	626/204	364/132	NW6P	1/1	27/14	62/45	221/125	246/156
DG4UF	330/123	625/251	387/124	394/165	235/108						

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Photo D: MW9W/GW0KRL manning up his station in Wales.

# **Club Competition**

CQ WPX RTTY in unique in its club competition as it is not combined with the CW and SSB versions but rather has a standalone club competition. We encourage you to get involved with your local contest club if you have not already. The key to a good club score is member participation, the more logs the better. This was demonstrated by the Potomac Valley Radio Club (PVRC) this year, with nearly double the logs of U.S. second-place Frankford Radio Club (FRC). A similar pattern was observed in Europe with the Bavarian Contest Club's win. Power in numbers. Congrats to both of these powerhouse contest clubs for their victory.

# **EUROPE TOP SINGLE OPERATOR ALL BAND**

Station	80	40	20	15	10
*CR5O	7/7	323/121	208/67	415/161	641/267
YT3D	187/120	363/152	181/64	167/74	365/206
IZ2FOS	175/125	335/137	219/81	226/107	273/138
TF1AM	90/16	315/139	164/84	372/154	610/187
I4LCK	98/29	207/99	262/134	375/189	331/175
EUR	OPE MULT	I-OPERATO	OR SINGLE	TRANSMI	TTER
IQ4FC	273/92	936/430	864/177	584/176	783/175
*IT9RBW	145/58	957/405	305/114	465/155	360/157
9A5D	284/79	631/241	575/200	480/201	393/149
LZ5R	221/71	770/371	276/62	414/160	440/150
S51A	367/113	572/284	310/136	410/168	306/129
EUI	ROPE MUL	TI-OPERA	TOR TWO	TRANSMIT	TER
ED1R	330/121	926/281	943/205	1111/245	682/205
DP7D	516/175	852/290	452/110	776/211	696/231
DQ2C	569/212	851/272	526/127	553/186	520/174
C37N	102/54	603/235	550/169	457/153	288/108
LA1ØØK	74/8	352/190	404/116	563/209	179/65
EUR	OPE MULT	I-OPERAT	OR MULTI-	TRANSMIT	TER
9A1A	774/206	1355/321	1195/219	1124/225	852/197
DP9A	598/154	1165/344	909/207	848/202	662/154
DG4UF	330/123	625/251	387/124	394/165	235/108
DQ9Y	260/143	599/269	257/91	279/151	189/113
OZ4GM	340/153	403/118	240/127		110/61

# 2023 WPX RTTY CLUB SCORES

2023 WPX RTTY CL	UB SCORES	
USA		
Club	# Entrants	Score
POTOMAC VALLEY RADIO CLUB	66	41,805,515
FRANKFORD RADIO CLUB YANKEE CLIPPER CONTEST CLUB	37 30	32,155,470 27,210,381
NORTHERN CALIFORNIA CONTEST CLUB	37	25,728,469
SOCIETY OF MIDWEST CONTESTERS	41	24,582,996
WILLAMETTE VALLEY DX CLUB ARIZONA OUTLAWS CONTEST CLUB	19 22	10,526,508 9,048,324
KANSAS CITY CONTEST CLUB	5	9,038,419
MINNESOTA WIRELESS ASSN	18	6,490,499
SKYVIEW RADIO SOCIETY	5	5,755,684
SOUTH EAST CONTEST CLUB FLORIDA CONTEST GROUP	7 16	5,571,452 5,300,402
TENNESSEE CONTEST GROUP	12	4,971,044
WESTERN WASHINGTON DX CLUB	12	4,792,417
NORTHEAST MARYLAND AMATEUR RADIO	40	4 500 445
CONTEST SOCIETY GRAND MESA CONTESTERS OF COLORADO	13 8	4,528,447 3,656,142
DFW CONTEST GROUP	12	3,116,210
ORDER OF BOILED OWLS OF NEW YORK	8	3,057,872
KENTUCKY CONTEST GROUP	4	3,008,768
SPOKANE DX ASSOCIATION BRISTOL (TN/VA) ARC	10 5	2,619,594
NIAGARA FRONTIER RADIOSPORT	7	2,411,067 2,006,089
ALABAMA CONTEST GROUP	5	1,765,968
CENTRAL TEXAS DX AND CONTEST CLUB	7	1,716,675
HUDSON VALLEY CONTESTERS AND DXERS	4	1,627,886
ROCHESTER (NY) DX ASSN NORTH COAST CONTESTERS	5 4	1,573,999 1,114,306
SWAMP FOX CONTEST GROUP	9	1,097,824
PORTAGE COUNTY AMATEUR RADIO SERVICE	4	583,196
CAROLINA DX ASSOCIATION	5	509,866
SOUTHERN CALIFORNIA CONTEST CLUB DUPAGE AMATEUR RADIO CLUB	7 4	482,774 59,494
DOT AGE AWATEOTT HADIO OLOB	7	55,454
DX	# <b>F</b>	
Club BAVARIAN CONTEST CLUB	# Entrants 113	<b>Score</b> 99,887,129
ITALIAN CONTEST CLUB	95	61,389,421
INTEREST GROUP RTTY	26	46,300,292
CROATIAN CONTEST CLUB	10	27,495,410
EA CONTEST CLUB UKRAINIAN CONTEST CLUB	20 32	21,596,600 19,626,600
SLOVENIA CONTEST CLUB	7	14,066,119
CONTEST CLUB ONTARIO	241	0,992,315
RHEIN RUHR DX ASSOCIATION	39	10,303,718
BELARUS CONTEST CLUB CONTEST CLUB FINLAND	9 6	7,745,759 7,696,295
ARAUCARIA DX GROUP	12	7,630,956
CONTEST CLUB SERBIA	6	6,458,582
CONTEST GROUP DU QUEBEC	5	6,104,314
ORCA DX AND CONTEST CLUB VK CONTEST CLUB	6 7	4,250,506 4,103,753
RIO DX GROUP	17	4,066,497
CHILTERN DX CLUB	6	3,868,868
5NNDXCC ARIPA DX TEAM	11	3,815,420
CATALONIA CONTEST CLUB	7 6	3,559,403 3,495,251
WORLD WIDE YOUNG CONTESTERS	5	2,754,756
SP DX CLUB	15	2,586,122
RTTY CONTESTERS OF JAPAN YB-LAND DXING PASSION IS	11	2,168,823
RUSSIAN CONTEST CLUB	76 5	2,024,876 1,720,921
THRACIAN ROSE CLUB	8	1,477,651
CZECH CONTEST CLUB	4	1,290,266
ARCK LU CONTEST GROUP	6	989,607
GMDX GROUP	7 6	879,036 844,428
RUSSIAN DIGITAL RADIO CLUB	4	841,267
DANISH DX GROUP	5	702,546
RDRC	5	632,151
LATVIAN CONTEST CLUB CABREUVADX	4 9	602,484 555,973
CLIPPERTON DX CLUB	4	526,718
CONTEST CLUB BELGIUM	7	377,434
YB LAND DX CLUB	7	318,943

310,018

91,904

33,273

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7A DX-CONTEST CLUB

RADIOFAROL DX GROUP

Club scores with 4 or more entries.

ORARI LOKAL KEDIRI

# 2023 WPX RTTY PLAQUE DONORS AND WINNERS

#### SINGLE-OPERATOR HIGH POWER

World: Jeff Blaine, ACØC. Won by: P49X (op. Ed Muns, W0YK)
North America: Marty Sullaway, NN1C. Won by: Kristoffer Kerce, AL2F
USA: Abroham Neal Software by K3NC. Won by: Bud Trench, AA3B
USA 7th Call Area: Hank Lonberg, KR7X in memory of Bob Wruble, W7GG.
Won by: Mitch Mason, K7RL

Europe: FlexRadio Systems. Won by: Stanislav Kostal, OK7W
Africa: Vlado Karamitrov, N3CZ. Won by: Manuel Angel Martin Brito, EA8DO
Asia: Mike Trowbridge, KA4RRU in memory of Steve Veader, N4DXS.
Won by: UP7L (op. Vladimir Dubinskiy, UN6LN)

#### SINGLE-OPERATOR LOW POWER

World: Gerry Treas, K8GT. Won by: TM3Z (op. Dimitri Cosson, F4DSK) North America: Wray Dudley, AB4SF. Won by: Marc Missalla, V31MA USA: Gerry Treas, K8GT. Won by: Peter Bizlewicz, KU2M Europe: FlexRadio Systems. Won by: IQ6AN (op. Andrea Tonci, IK6VXO) Oceania: Doug Faunt, N6TQS. Won by: Kent Carlson, KH6CJJ

#### SINGLE-OPERATOR QRP

USA: Jeff Blaine, ACØC. Won by: KZOUS (op. James Colville, W7RY) North America: FlexRadio Systems. Won by: Osmany Gonzlez Escobar, CO2OQ

#### SINGLE-OPERATOR SINGLE BAND

World 14 MHz: Steve "Sid" Caesar, NH7C. Won by: IQ1RY (op. Filippo Vairo, IZ1LBG)

World 14 MHz Low Power: Kenny Young, AB4GG. Won by: Savas Pavlidis, SV2AEL North America 21 MHz High Score: Doug Faunt, N6TQS. Won By: Alexei Joaquin Morejon Cohen, CO2XK

World 28 MHz: Steve Booklout, NR4M, and the "Goat Farm Gang". Won by: PV2K (op. Leonardo Zucon, PY2KNK)

#### **OVERLAY CATEGORY**

Rookie - Europe: Sponsored by Bavarian Contest Club, Won by: Mick Cahill, El6IKB

Photo E: JH4WBY enjoyed operating WPX SO2R from Japan.

# Summary

Congrats to all the participants and plaque winners. And please view the complete results in the line scores. Conditions were good for this contest, with Cycle 25 starting to reach full swing. RTTY contesting can be fun, fast-paced and exciting!

## Wall Hangings

Winning a plaque in a CQ WW contest is a great achievement, and often is one of the most coveted awards that one can hang on their shack wall. The opportunity to sponsor plaques is available, and can be great ways to establish regional excellence, or recognize a particular annual competition.

We would like to encourage you to review the plaques

#### MULTI-OPERATOR, SINGLE-TRANSMITTER HIGH POWER

World: Rich Cady, N1IXF. Won by: IQ4FC (ops. IK4DCW, IK4HVR, IK4MGP, IU4OMO, IU4BDX, IW4EGX, IZ4NIC)

USA: John Lockhart, W0DC. Won by: ND3D (ops. ND3D, K3AJ, N8IVN, K3WA, WT3K, W3MAM)

Europe: Billy, GM6DX. Won by: 9A5D (ops. 9A3AW, 9A3FRD, 9A3ID, 9A3SMS, 9A3VM, 9A5DU, 9A7Z)

#### MULTI-OPERATOR, SINGLE-TRANSMITTER LOW POWER

World: Ed Muns, WØYK. Won by: IT9RBW (ops. IT9RBW, IT9RGY, IZ2WFL) USA: FlexRadio Systems. Won by: WW4LL (ops. WW4LL, NN9DD, K4NV, W4BOG, K1ZZI) – New USA Record

#### MULTI-OPERATOR, MULTI-TWO

World: Steve Bookout, NR4M, and the "Goat Farm Gang". Won by: CR3DX (ops. CT3DZ, CT3EN, OM2KW, OM3RG, OM3RM)
USA: CTRI Contest Group in memory of Chris, KA1GEU (SK). Won by: K9CT (ops. K9WX, KM9SPL, KD9LSV, KT9L, WT2P, K9CT)
Europe: FlexRadio Systems. Won by: ED1R (ops. EA1V, EA1P, EA1TL, EC1KR, EA4AOC)

#### MULTI-OPERATOR, MULTI-TRANSMITTER

World: Steve Bookout, NR4M, and the "Goat Farm Gang". Won by: 9A1A (ops. 9A5W, 9A9A, 9A6A, 9A7C, 9A7R, 9A8A, 9A7PP, 9A7EU, 9A7AS, 9A3BOX) USA: BeLoud.US. Won by: W3GH (ops. KB3EYY, N3WMC, W3BUW, WC3O, AC3IE, NM3A, WQ3Q, K3WM, WA3GHW, KC3PXQ, WA3KFS, AC3Q, AC3GB, N2MA, K3STL, K3JAS, W3MLJ, AB3LS, AG3I, K3FAZ, AB3GY)

#### MULTI-OPERATOR, MULTI-TRANSMITTER DISTRIBUTED

Canada: FlexRadio Systems. Won by: CJ2X (ops. VE2CSM, VE2EBK, VE2FK, VE2NMB)

#### **CLUB COMPETITION**

World: Potomac Valley Radio Club. Won by: Bavarian Contest Club USA: Northern California Contest Club: Won by: Potomac Valley Radio Club

awarded in this competition and reach out to the management team if you would like to sponsor one in the future.

Thank you for all the stories and photos from around the world! Keep them coming as a picture speaks a thousand words, and really enhances our coverage of this major worldwide RTTY WPX competition.

Please keep that in mind as you participate in these contests. Pictures of operators or teams of operators are the best. Send us yours for a chance to get it published in *CQ* magazine!

That's all for this time...

On behalf of the entire CQ RTTY management team: Chris Tate, N6WM; Ed Muns, WØYK and Rich Cady, N1IXF.

(Scores on page 96)

# **TOP SCORES IN VERY ACTIVE ZONES**

101 0001120 111 11	
Zone 3	Zone 15
K7RL3,550,008	YT3D2,566,256
N7GP1,782,810	IZ2FOS2,347,884
NF6A934,570	I4LCK2,234,194
VA7ST896,104	*S51CK1,694,712
W6EU813,058	HG2DX1,016,178
Zone 4	Zone 16
KI6DY2,406,552	EU8U1,738,275
N7WY1,768,200	*RA3Y1,484,964
NXØI1,070,399	UX5IO1,339,737
ABØRX965,280	EW4A1,166,316
*N8CWU915,875	R5AN1,023,984
Zone 5	Zone 20
N6AR2,653,326	YO3VU1,346,080
N1RM2,191,196	YO3RU1,311,987
AE1P1,979,364	*LZ7X (LZ1UQ)1,077,668
VE2GSO1,978,470	*)/0011011
VE2G3O1,976,470	*YO6HSU736,568
W3LL1,772,880	*YO9BCM667,550
	*YO9BCM667,550
W3LL	*YO9BCM667,550
W3LL	*YO9BCM667,550 <b>Zone 25</b> JH7QXJ887,692
W3LL1,772,880	*YO9BCM
W3LL1,772,880  Zone 14  *CR5O (CT7AJL)2,614,108	*YO9BCM
V3LL1,772,880  Zone 14  *CR5O (CT7AJL)2,614,108 G1N (GØURR)2,147,850	*YO9BCM

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