

# Results of the 2020 CQWW RTTY DX Contest

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**S**ix months into the worldwide pandemic with DX location travel restricted globally, remote operating innovation to keep DX and Multi operation QRV, new players and alternative operating locations were the theme of the 34<sup>th</sup> annual CQ World Wide RTTY DX contest.

In September 2019, I think it's safe to say there was no way we could have predicted where we would be as September 2020 approached and we realized we were in the clutches of the worst pandemic in over a century, completely changing the landscape of worldwide DX contests. Many contest DXpeditions to very familiar prefix areas were scuttled, including mine! This left some operators scrambling to make their home stations ready for the contest, looking for safe in-country locations, or — even worse — cancelling operations completely.

However, the pandemic did not deter the contest innovation and spirit of hams worldwide. There was a different effect that the pandemic had on our contest community as well. New operators to RTTY, as well as some more prolific contestants now homebound and spending more time on the radio, chose to take on the 2020 CQWW RTTY DX (as well as other radiosport events). This safe and "socially distant" activity presented an opportunity and a chance to dip their toes into the largest RTTY contest in the world, resulting in an astoundingly large 3,655 submitted logs, approximately 550 more logs than last year.

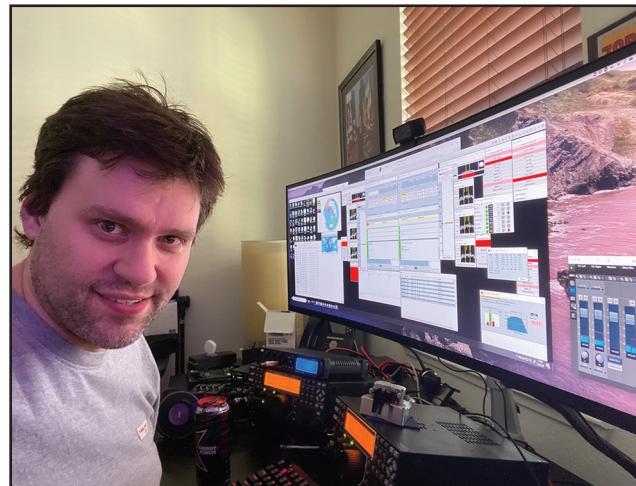
The prevalence of remote operating grew more and more sophisticated over the last decade, but it really rose to the occasion this year. As broadband connections have become more prevalent worldwide, transceivers and control systems designed with remote operating in mind have become more common. Remote operating was put on center stage to keep the CQWW RTTY contest fun and interesting for all involved, presenting opportunities to

some that would not necessarily have been there had the pandemic not occurred. This affected many of the competitive categories. There is lots to see here, so let's dive in!

## Single Operator High Power

**SOHP All Band:** Both the DX / World and U.S. categories were won by operators who hail from the west coast of the

U.S., and in fact, were both physically in the U.S. west coast, even though their stations were elsewhere. The World trophy and DX title was won by ZF1A with Bill Fehring, W9KKN, remotely piloting the Cayman Island superstation in Zone 8. Bill is part of a group of contestants who have been investing heavily in ZF1A improvements. In addition, he has been immersed leveraging his techni-



*Bill, W9KKN, at his impressive socially distant remote-control point in the Silicon Valley, driving ZF1A on Grand Cayman Island.*



*Alfredo, W3PC, had to rebuild his station after hurricane damage in Puerto Rico and placed third in the low-power category and made his comeback with this setup.*

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cal skills working with remote stations at his U.S. operating locations. And from an operating perspective, he has been rapidly rising in the RTTY contesting ranks as a highly capable SO2R operator. Bill strategically put all the pieces together, with ZF1EJ's blessing, to go QRV from ZF1A remote SO2R as one of the few Caribbean multipliers and achieving the world title, besting second place PZ5RA by over 1.5 million points. SO9I was in third place from Poland. In the U.S. competition, RTTY veteran Jeff Stai, WK6I, driving Tom's, K5RC, mighty Comstock Memorial Station in Western Nevada, bested Jeff, AC0C, in a fairly tight race to win the U.S. trophy. Randy Thompson, K5ZD, was right up there with them and achieved the third place position.

**SOHP 80m:** Jan, OK2ZW, operating as OL9A, had a commanding win establishing a 144k point margin over second-place station Lukasz, SQ7CL. Neal, K4EA, was the sole U.S. station in the top 10 and secured the third-place position overall.

**SOHP 40m:** CR6T (op. Antonio, CT1ESV) secured the first-place win with over a half million points, with F6AGM (op. Michel, FM5CD) in second place from France almost hitting that mark, and Manuel, EA8ZS, providing a little eastern Atlantic island action taking third. Jason, WK9U, was the sole U.S. station in the top 10, securing the first place U.S. position.

**SOHP 20m:** Tadej, S52X, took first place with a bit over 668k points in this often-busy single-band category. He was able to clear a solid lead over second place Dragan, YU1CN, and Luis, DK4EE, taking third from the DA2C contest station. Peter, KU2M, settled into the first place U.S. position, and fifth overall.

**SOHP 15m:** Fifteen meters was still a productive band and Eugenio, CV7S, was the victor, with well over 600k points. Jorge, LU5VV, took second with a solid 1.5 million points and Tine, S50A, slid into third. Barry, KW4I, was in sixth place overall, securing the U.S. win.

**SOHP 10m:** Ten meters was not quite all there during this contest, and there were only four entrants, but Diego, LU8ADX, persisted to take first place overall, and Chuck, W5PR, powered through to take first place in the U.S.

### Single Operator Low Power

**SOLP All Band:** Ash, 3V8SS, was able to secure the low-power world trophy from Tunisia with over 2 million points. He has some interesting thoughts and

said, "I would say it's been a long time since my last RTTY operation. In the back of my mind, I was comparing RTTY to CW and expecting to somehow have the same QSO count. This year [2020] I wanted to give it another chance and I found RTTY operation really fun! It's not a machine-only mode like FT8 or requiring continuous concentration like CW. It's something in between that requires a very convenient and 'desired' level of operator's intervention in order

to maximize your score." We think he did great. Wanderley, PW2L, managed a great score, high enough to pull into second place from Brazil. Alfredo, WP3C, kept Puerto Rico up in the box after rebuilding his station from Hurricane Maria's wrath and placing third overall and top for North America.

**SOLP 80m:** There was a tight race here as Yuri, DF1MM, edged out Robin, DO2XX, for first place and Juraj, OM3ZWA, was not far behind in third.

## 2020 CQWW RTTY TROPHY WINNERS AND DONORS

### SINGLE OPERATOR HIGH POWER

**World:** Sponsored by Yankee Clipper Contest Club, Winner: **ZF1A** (op: Bill Fehring, W9KKN)

**Europe:** Sponsored by ARI – Italian Radioamateur Association in memory of Franco Fanti, I4LCF, Winner: **SO9I** (op: Przemyslaw Balcerzak, SQ9ORQ)

**North America:** Sponsored by Dick Wilson, K6LRN & Carolyn Wilson, K6TKD, Winner: **Robby Robertson, HP3SS**

**USA:** Sponsored by Kevin Rowett, K6TD, Winner: **W7RN** (op: Jeff Stai, WK6I)

**USA – 7th Call Area:** Sponsored by Hank Lonberg, KR7X, Winner: Tom Whitted, N7GP

### SINGLE OPERATOR LOW POWER

**World:** Sponsored by Rich Cady, N1XF, Winner: **3V8SS** (op: Ashraf Chaabane, KF5EYY)

**Europe:** Sponsored by Jeff Demers, N1SNB, Winner: **OK6T** (op: Martin Bohadlo, OK1WCF)

**USA:** Sponsored by Kevin Rowett, K6TD, Winner: **Rich Cady, N1XF**

### SINGLE OPERATOR QRP

**World:** Sponsored by Kevin der Kinderen, N4TT, Winner: **Douglas Zwiebel, KR2Q**

**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: Sergey Rebrov, 5B4AMM)

**Europe:** Sponsored by Dimitri Cosson, F4DSK, Winner: **IQ2CJ** (op: Gabry Iuliani, IT9RGY)

**North America:** Sponsored by John Webster, NN1SS, Winner: **Not Awarded**

**USA:** Sponsored by Bud Govenale, W3LL, Winner: **Rick Davenport, K1KG**

**Asia:** Sponsored by Lakshman "Lucky" Bijanki, VU2LBW, Winner: **Masa Okano, JH4UYB**

**South America High Score All Power:** Sponsored by Pat Moyer, W3RGA, Winner & New LP Continental Record: **P40P** (op: Robert Wood, W5AJ)

### SINGLE OPERATOR ASSISTED LOW POWER

**World:** Sponsored by Jim Barron, WB5AAA, Winner: **CR6K** (op: Filipe Lopes, CT1ILT)

**Europe:** Sponsored by Pat Moyer, W3RGA, Winner: **TM3Z** (op: Dimitri Cosson, F4DSK)

### SINGLE OPERATOR SINGLE BAND

**World 21 MHz High Power:** Sponsored by Steve "Sid" Caesar, NH7C, Winner: **CV7S** (op: Eugenio De Marino, CX7SS)

**North America 14 MHz All Power:** Sponsored by Patrick W. Soileau, ND5C, Winner & New LP Continental Record: **Amed Santana Gonzalez, CO2AME**

**World 7 MHz High Power:** Sponsored by John Webster, NN1SS, Winner: **CR6T** (op: Antonio Rui Sousa Santos, CT1ESV)

**Europe 7 MHz Low Power:** Sponsored by John Webster, NN1SS, Winner: **G8X** (op: Tim Hugill, G4FJK)

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

**World:** Sponsored by PL259 Contest Club courtesy of K6TD, Winner: **LZ5R** (ops: K1LZ, LU8EOT, LU9ESD, LZ3HI, LZ3ND, LZ5DB)

**Africa All Power:** Sponsored by Bavarian Contest Club, Winner: **ET3AA** (ops: Ephrem Ensermu & K4ZW)

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

**World:** Sponsored by Kaz Uztics, YL1ZF, LY4ZF, ES5ZF, Winner: **IT9BLB** (ops: I8UZA, IT9BLB, IT9MBZ, IT9VDQ, IT9ZMX)

**USA:** Sponsored by 599 DX Association, Winner: **W1QK** (ops: W1QK, NG1R)

### MULTI-OPERTATOR, MULTI-TWO

**World:** Sponsored by Ed Muns, WØYK, Winner: **IQ9UI** (ops: IT9EQQ, IK1HJS, IU1GNA, IZ8JFL, IT9LIZ, IT9AUH, IT9JOB, IT9GNJ, IT9DQP)

**USA:** Sponsored by John Lockhart, WØDC, Winner: **W4RN** (ops: AA5AU, KU1CW, W4RN, W3UL, WS7I)

### MULTI-OPERATOR, MULTI-TRANSMITTER

**World:** Sponsored by Mike Trowbridge, KA4RRU, Winner: **9A1A** (ops: 9A5W, 9A9A, 9A7R, 9A8A, 9A7PP, 9A7ROR, 9A5AEU, 9A5GTX)

**North America:** Sponsored by Kevin Rowett, K6TD, Winner: **4A50CRN** (ops: XE1AY, XE2AA, XE2AD, XE2AMZ, XE2AU, XE2B, XE2N)

**USA:** Sponsored by Brian Moran, N9ADG, Winner: **K1SFA @ K1TTT** (ops: W3MLJ, K1SFA, W1TO, K2IW, W0AAE, K1MK, K1NZ, K1TTT)

**USA – Zone 3 High Score:** Sponsored by Livermore Amateur Radio Group Endeavors (K6LRG), Winner: **N6WM** (ops: N6WM, WD6T, K6AW, K3EST, N6RO)

### CLUB COMPETITION

**World:** Sponsored by Potomac Valley Radio Club, Winner: **Italian 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.)*

## TOP SCORES

<b>WORLD SINGLE OPERATOR HIGH POWER ALL BAND</b>	RM3F (UA4LCQ) ..... 356,000 S50XX ..... 248,824	IU3LYJ ..... 99,176 SV3SPD ..... 58,561	<b>7 MHz</b> WA1FCN ..... 137,214 W3RGA ..... 85,360 AB1J ..... 63,494	<b>7 MHz</b> CR6T (CT1ESV) ..... 574,330 F6AGM (FM5CD) ..... 486,956 Z35T ..... 327,841	<b>14 MHz</b> YU1NR ..... 71,811 9A3ZI ..... 58,879 IZ2JPN ..... 25,900
<b>28 MHz</b>	IR9K (IT9ATF) ..... 245,120 UR6EA ..... 244,660 UZ1WW ..... 168,036	<b>7 MHz</b> RG9A ..... 770,743 IC8SQS ..... 558,800 EV1R ..... 548,262 GODWV ..... 540,120 S53WD ..... 489,440	<b>3.5 MHz</b> K2DFC ..... 14,694	<b>3.5 MHz</b> OL9A (OK2ZAW) ..... 230,160 SQ7CL ..... 86,346 LZ5XQ ..... 47,509	<b>7 MHz</b> IW9GTD ..... 43,792 E77T ..... 42,103 SP6EY ..... 25,795
<b>21 MHz</b>	OK1M (OK1WMR) ..... 98,040 M7W (G3TBK) ..... 90,300 LY5W ..... 83,250	<b>3.5 MHz</b> ON4CT ..... 666,377 H13T ..... 557,960 N0NGO ..... 516,258 T12OY ..... 513,918 LW3DC ..... 494,680	<b>CLASSIC SINGLE OPERATOR HIGH POWER</b> KR2Q ..... 271,656 W6OU (WBQZA) ..... 52,326 N7RCS ..... 26,496 K3HW ..... 12,240 *W4ER ..... 7,200	<b>CLASSIC SINGLE OPERATOR LOW POWER</b> WE6EZ ..... 17,459	<b>LOW POWER ALL BAND</b> OK6T (OK1WCF) ..... 1,034,742 LY9Y ..... 711,450 4U1A (HB9RB) ..... 676,170 ON4CT ..... 666,377 ON5GQ ..... 516,258
<b>14 MHz</b>	S52X ..... 668,028 YU1UN ..... 534,681 DA2C (DK4EE) ..... 427,869	<b>21 MHz</b> H2X (5B4ALX) ..... 13,932 IZ8EDL ..... 4,448 JR1NKN ..... 4,100	<b>14 MHz</b> W7RN (WK6) ..... 1,310,556 AC0C ..... 1,298,484 KS2D ..... 1,276,899 N0UR ..... 752,184 N7GP ..... 715,836	<b>14 MHz</b> KH6KG/W5 ..... 9,880	<b>28 MHz</b> EA3NO ..... 3,700 CT7AIX ..... 1,476 F6IRG ..... 1,449
<b>7 MHz</b>	CV7S (CX7SS) ..... 390,590 LU5VV ..... 168,960 S50A ..... 130,063	<b>3.5 MHz</b> YU1NR ..... 71,811 9A3ZI ..... 58,879 IZ2JPN ..... 25,900	<b>UNITED STATES SINGLE OPERATOR HIGH POWER ALL BAND</b> W7RN (WK6) ..... 1,310,556 AC0C ..... 1,298,484 KS2D ..... 1,276,899 N0UR ..... 752,184 N7GP ..... 715,836	<b>SINGLE OPERATOR QRP ASSISTED ALL BAND</b> K2VG ..... 165,624 KC2WUF ..... 37,506 N0UR ..... 37,120	<b>21 MHz</b> IZ7UMS ..... 14,219 UT1U (UT2UZ) ..... 12,376 EA1BDX ..... 9,850
<b>3.5 MHz</b>	OL9A (OK2ZAW) ..... 230,160 SQ7CL ..... 86,346 K4EA ..... 77,805	<b>7 MHz</b> IW9GTD ..... 43,792 E77T ..... 42,103 CO8RPC ..... 30,668	<b>28 MHz</b> W5PR ..... 6,664	<b>MULTI-OPERATOR SINGLE TRANSMITTER HIGH POWER</b> NV9L ..... 1,882,540 WW4LL ..... 1,775,670 AD4ES ..... 1,331,890 K3AJ ..... 1,193,452 N7TY ..... 1,139,684	<b>21 MHz</b> IK5AMB ..... 194,610 G15NI (MIOSA) ..... 193,635 UR2Y (US0YW) ..... 187,648
<b>28 MHz</b>	CA5GRF ..... 16,714 PY1NX ..... 8,673 CE5AUC ..... 5,754	<b>3.5 MHz</b> Z35Z ..... 19,796 LY5G ..... 13,338 YL3FW ..... 11,349	<b>14 MHz</b> KU2M ..... 363,237 N8BQJ ..... 152,781 W0YK ..... 141,752	<b>MULTI-OPERATOR SINGLE TRANSMITTER LOW POWER</b> W1OK ..... 469,405 W4IPC ..... 407,500 K9IG ..... 113,856	<b>14 MHz</b> G8X (G4JK) ..... 218,246 GØURR ..... 150,768 IW1PNJ ..... 132,294
<b>21 MHz</b>	PY2UD ..... 174,216 ZV2C (PY2CX) ..... 155,320 EA8LG ..... 122,760	<b>21 MHz</b> ZW2T (PY2RK) ..... 24,282 G5N (GØSBN) ..... 1,540	<b>14 MHz</b> K4EA ..... 77,805 K2ZW ..... 19,008 NOOK ..... 11,403	<b>MULTI-OPERATOR TWO TRANSMITTER</b> W4RN ..... 1,646,596 NJ3I ..... 1,570,350 NR4L ..... 1,476,754 W0LSD ..... 1,369,915 W0NN ..... 1,275,120	<b>21 MHz</b> DF1MM ..... 76,824 DO2XX ..... 75,768 OM3ZWA ..... 73,062
<b>14 MHz</b>	PY2NY ..... 328,614 CO2AME ..... 284,961 J69DS ..... 234,112	<b>14 MHz</b> SFOA (SMØLPO) ..... 32,980 A92AA ..... 7,072	<b>7 MHz</b> WK9U ..... 86,884 NB2P ..... 81,892 K6OK ..... 52,962	<b>ASSISTED HIGH POWER ALL BAND</b> I02CJ (IT9RGY) ..... 3,501,834 SN7Q (SP7GIQ) ..... 3,153,390 SN7Q (SP7GIQ) ..... 2,321,800 EA2ESZ ..... 2,140,320	<b>21 MHz</b> LZ5R ..... 4,209,574 IQ6AN ..... 4,133,660 OK5Z ..... 3,313,968 ED7N ..... 3,196,066 S50W ..... 2,919,400
<b>7 MHz</b>	G8X (G4JK) ..... 218,246 GØURR ..... 150,768 IW1PNJ ..... 132,294	<b>7 MHz</b> OK2AP ..... 27,403 JG1LFR ..... 8,424 G5Q (G3SVL) ..... 5,889	<b>21 MHz</b> K4EA ..... 77,805 K2ZW ..... 19,008 NOOK ..... 11,403	<b>MULTI-OPERATOR MULTI-TRANSMITTER</b> N11XF ..... 754,172 AA2MF ..... 687,216 W6SX ..... 497,328 KD9MS ..... 452,364 W3LL ..... 312,026	<b>21 MHz</b> S53X ..... 11,844 IV3ZXQ ..... 8,806
<b>3.5 MHz</b>	DF1MM ..... 76,824 DO2XX ..... 75,768 OM3ZWA ..... 73,062	<b>3.5 MHz</b> UW8SM ..... 30,726 Y08WW ..... 17,450 M5A (G3WVG) ..... 12,690	<b>14 MHz</b> K6GHA ..... 50,880 W4LC ..... 37,260 AA7UN ..... 27,142	<b>ROOKIE SINGLE OPERATOR HIGH POWER All Band</b> K6KM ..... 166,320 AA5H ..... 69,488	<b>28 MHz</b> IT9BLB ..... 2,832,214 9A7T ..... 1,334,664 IQ3RK ..... 1,254,836 ES9C ..... 1,018,536 UW7W ..... 540,150
<b>ASSISTED HIGH POWER ALL BAND</b>	P3X (5B4AMM) ..... 3,763,800 I02CJ (IT9RGY) ..... 3,501,834 SN7Q (SP7GIQ) ..... 3,153,390 K1G ..... 2,953,860 AA3B ..... 2,953,080	<b>MULTI-OPERATOR SINGLE TRANSMITTER HIGH POWER</b> LZ5R ..... 4,209,574 IO6AN ..... 4,133,660 OK5Z ..... 3,313,968 ED7N ..... 3,196,066 S50W ..... 2,919,400	<b>7 MHz</b> AC4G ..... 59,600 K9WX ..... 51,992 W3AFAE ..... 35,010	<b>ROOKIE SINGLE OPERATOR LOW POWER</b> W0AAE ..... 15,826 KN4RFK ..... 14,850 KE8JIT ..... 14,193 KD2SS ..... 11,932 AC1JR ..... 8,712	<b>21 MHz</b> HG1S (HA1DAE) ..... 95,188 T70A ..... 69,069 SV2BXA ..... 35,836
<b>28 MHz</b>	S53X ..... 11,844 IV3ZXQ ..... 8,806 N6SS ..... 1,932	<b>21 MHz</b> IT9BLB ..... 2,832,214 9A7T ..... 1,334,664 IQ3RK ..... 1,254,836 ES9C ..... 1,018,536 UW7W ..... 540,150	<b>14 MHz</b> K5QR ..... 6,120	<b>CLASSIC SINGLE OPERATOR HIGH POWER</b> W4CB (W2RU) ..... 485,460 NU4E ..... 475,520 AJ6V ..... 410,220 AC9KW ..... 370,468 W19WI ..... 347,565	<b>14 MHz</b> I01RY (I21LBG) ..... 793,122 9A5D (9A3ID) ..... 788,640 OM7M (OM5ZW) ..... 748,911
<b>21 MHz</b>	CE1KV ..... 219,120 HG1S (HA1DAE) ..... 95,188 PY1GO ..... 86,800	<b>MULTI-OPERATOR SINGLE TRANSMITTER LOW POWER</b> N6SS ..... 1,932	<b>28 MHz</b> N6SS ..... 1,932	<b>CLASSIC SINGLE OPERATOR LOW POWER</b> W0AAE ..... 15,826 KN4RFK ..... 14,850 KE8JIT ..... 14,193 KD2SS ..... 11,932 AC1JR ..... 8,712	<b>21 MHz</b> OM2VL ..... 609,696 G3TFX ..... 521,550 HF9M (SG9UM) ..... 444,960
<b>14 MHz</b>	ED8W (EA8DO) ..... 817,128 IO1RY (I21LBG) ..... 793,122 9A5D (9A3ID) ..... 788,640	<b>MULTI-OPERATOR TWO TRANSMITTER</b> I0QUL ..... 5,660,800 ED1R ..... 4,916,108 IO4FA ..... 3,099,720 OE2E ..... 3,017,385 IQ3KU ..... 2,980,395	<b>7 MHz</b> K7AR ..... 96,380	<b>3.5 MHz</b> I24ZZB ..... 213,555 HA1TJ ..... 189,711 DL3BQA ..... 143,256	<b>21 MHz</b> IT9BLB ..... 2,832,214 9A7T ..... 1,334,664 IQ3RK ..... 1,254,836 ES9C ..... 1,018,536 UW7W ..... 540,150
<b>7 MHz</b>	OM2VL ..... 609,696 G3TFX ..... 521,550 HF9M (SG9UM) ..... 444,960	<b>MULTI-OPERATOR MULTI-TRANSMITTER</b> N7AT (K8IA) ..... 216,920 W0GJ ..... 120,615 K9OM ..... 86,676	<b>21 MHz</b> K5QR ..... 6,120	<b>ROOKIE SINGLE OPERATOR HIGH POWER ALL BAND</b> OM2VL ..... 609,696 G3TFX ..... 521,550 HF9M (SG9UM) ..... 444,960	<b>21 MHz</b> IT9BLB ..... 2,832,214 9A7T ..... 1,334,664 IQ3RK ..... 1,254,836 ES9C ..... 1,018,536 UW7W ..... 540,150
<b>3.5 MHz</b>	I24ZZB ..... 213,555 HA1TJ ..... 189,711 DL3BQA ..... 143,256	<b>MULTI-OPERATOR SINGLE TRANSMITTER HIGH POWER</b> I0QUL ..... 5,660,800 ED1R ..... 4,916,108 IO4FA ..... 3,099,720 OE2E ..... 3,017,385 IQ3KU ..... 2,980,395	<b>14 MHz</b> KY7M ..... 245,328 W91LY ..... 122,400	<b>ROOKIE SINGLE OPERATOR LOW POWER</b> W0AAE ..... 15,826 KN4RFK ..... 14,850 KE8JIT ..... 14,193 KD2SS ..... 11,932 AC1JR ..... 8,712	<b>21 MHz</b> IT9BLB ..... 2,832,214 9A7T ..... 1,334,664 IQ3RK ..... 1,254,836 ES9C ..... 1,018,536 UW7W ..... 540,150
<b>ASSISTED LOW POWER ALL BAND</b>	CR6K (CT1ILT) ..... 3,208,130 P4OP (W5AJ) ..... 3,101,205 TM3Z (F4DSK) ..... 2,685,484 EA4GOY ..... 1,535,882 W9SN ..... 1,034,900	<b>ASSISTED HIGH POWER ALL BAND</b> N6WW ..... 1,602,300	<b>28 MHz</b> N6SS ..... 1,932	<b>CLASSIC SINGLE OPERATOR HIGH POWER</b> W4CB (W2RU) ..... 485,460 NU4E ..... 475,520 AJ6V ..... 410,220 AC9KW ..... 370,468 W19WI ..... 347,565	<b>21 MHz</b> ED7O (EA7EU) ..... 83,694 EB3CW ..... 45,435 IKOPEA ..... 9,964
<b>28 MHz</b>	PY2KC ..... 2,704	<b>MULTI-OPERATOR MULTI-TRANSMITTER</b> 9A1A ..... 2,906,800 S21 ..... 2,329,155 U22I ..... 1,984,750 I3VRD ..... 1,473,357 PI4CC ..... 295,120	<b>21 MHz</b> N7AT (K8IA) ..... 216,920 W0GJ ..... 120,615 K9OM ..... 86,676	<b>3.5 MHz</b> I24ZZB ..... 213,555 HA1TJ ..... 189,711 DL3BQA ..... 143,256	<b>21 MHz</b> OM2VL ..... 609,696 G3TFX ..... 521,550 HF9M (SG9UM) ..... 444,960
<b>21 MHz</b>	PY2OT ..... 175,525 CE3BN ..... 119,568 ED7O (EA7EU) ..... 83,694	<b>ROOKIE SINGLE OPERATOR HIGH POWER ALL BAND</b> 9A1A ..... 2,906,800 S21 ..... 2,329,155 U22I ..... 1,984,750 I3VRD ..... 1,473,357 PI4CC ..... 295,120	<b>21 MHz</b> K7BV ..... 21,609 W3OA ..... 16,646	<b>CLASSIC SINGLE OPERATOR HIGH POWER</b> IR9K (IT9ATF) ..... 245,120 UR6EA ..... 244,660 UZ1WW ..... 168,036	<b>21 MHz</b> I24ZZB ..... 213,555 HA1TJ ..... 189,711 DL3BQA ..... 143,256
<b>14 MHz</b>	CN8KD ..... 544,726	<b>ROOKIE SINGLE OPERATOR LOW POWER</b> HC7AE ..... 265,788 9M2TDX ..... 247,296 YC1RKT ..... 179,137	<b>14 MHz</b> WB4OMM ..... 49,131 K4MM ..... 44,732 W7VO ..... 29,260	<b>CLASSIC SINGLE OPERATOR LOW POWER</b> I24ZZB ..... 213,555 HA1TJ ..... 189,711 DL3BQA ..... 143,256	<b>21 MHz</b> S52X ..... 668,028 YU1UN ..... 534,681 DA2C (DK4EE) ..... 427,869

# BAND-BY-BAND BREAKDOWN—TOP ALL BAND SCORES

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

## WORLD

### TOP SINGLE OPERATOR ALL BAND

Station	80	40	20	15	10	Station	80	40	20	15	10
ZF1A	361/12/35/48	1190/23/67/54	1252/21/60/57	506/18/37/50	14/5/6/1	W7RN	325/11/11/50	765/24/34/55	1042/25/55/56	99/13/19/16	3/1/1/1
PZ5RA	156/10/34/33	400/15/47/51	669/16/56/48	532/19/53/42	27/8/11/1	AC0C	437/11/19/52	756/21/49/55	834/22/67/51	101/11/17/18	1/1/1/1
*3V8SS	224/8/41/13	445/14/54/17	942/17/64/32	212/19/45/2	151/6/25/0	K5ZD	226/10/31/39	400/15/46/45	841/23/68/47	71/13/21/9	6/4/4/2
SO9I	466/10/52/6	788/22/82/22	701/26/83/40	139/13/43/0	14/3/7/0	*N1IXF	172/9/19/38	458/17/53/46	474/18/62/44	30/8/11/3	4/2/2/2
*PW2L	114/2/7	345/16/48/43	509/19/50/51	566/19/53/44	81/10/21/17	WX8C/O	181/7/9/39	435/16/38/50	610/21/66/49	50/11/16/7	9/3/4/1

### SINGLE OPERATOR ASSISTED ALL BAND

Station	80	40	20	15	10	Station	80	40	20	15	10
P3X	379/10/53/13	952/24/83/33	1429/29/97/45	166/13/42/0	5/3/5/0	K1G	431/17/50/52	932/24/84/55	1106/28/96/54	126/17/33/21	16/5/4/6
IQ2CJ	588/17/64/27	965/29/97/40	1093/31/96/50	170/15/63/0	31/7/18/0	AA3B	525/15/47/54	962/22/79/54	1091/24/90/50	162/14/28/27	18/5/6/5
*CR6K	321/16/57/30	708/21/81/37	1193/26/97/54	290/17/56/18	111/8/22/1	K9CT	417/16/37/53	663/25/64/53	1011/25/95/52	132/15/26/20	9/3/3/3
SN7Q	638/16/64/27	809/27/92/23	1079/30/92/46	143/17/53/0	38/8/19/0	K6DTT/1	268/14/46/48	612/19/68/49	768/22/76/46	111/13/27/14	4/3/4/1
*P4OP	220/11/32/44	544/17/64/51	727/23/73/53	572/17/44/49	38/8/8/11	N3QE	406/13/40/52	706/18/62/53	762/21/81/48	29/10/14/6	1/1/1/1

### MULTI-OPERATOR SINGLE TRANSMITTER

Station	80	40	20	15	10	Station	80	40	20	15	10
LZ5R	503/16/62/27	1074/29/95/43	1314/32/102/48	245/23/73/0	80/7/21/0	NV9L	371/14/34/51	512/22/56/51	1028/28/89/50	81/17/26/21	11/6/5/3
IQ6AN	486/13/59/27	1022/29/96/50	1333/30/98/52	189/21/69/5	39/8/23/0	WW4LL	243/13/38/41	631/22/71/49	1173/27/93/52	19/10/18/1	0/0/0/0
OK5Z	359/14/61/19	852/30/99/40	1058/34/110/50	108/21/72/1	43/8/29/0	AD4ES	166/8/12/42	760/20/55/53	1000/21/61/55	85/12/25/7	0/0/0/0
ED7N	251/14/54/25	962/26/87/42	965/28/94/49	332/21/73/19	27/6/19/0	K3AJ	295/10/31/44	598/19/57/47	506/23/79/39	61/10/17/8	6/2/3/0
S50W	391/14/58/14	729/29/98/34	1024/31/100/48	161/22/67/4	30/8/23/0	N7TY	254/11/12/51	736/24/48/53	716/25/67/55	67/15/24/9	6/4/4/1

### MULTI-OPERATOR TWO TRANSMITTER

Station	80	40	20	15	10	Station	80	40	20	15	10
IQ9UI	665/17/66/36	1070/25/90/41	1601/32/104/50	614/26/78/9	195/7/29/0	W4RN	274/11/27/47	661/21/74/51	776/23/88/47	83/10/19/12	5/2/2/0
ED1R	512/16/57/25	1218/23/83/43	1440/27/89/51	580/19/65/12	244/7/30/1	NJ3I	314/14/38/48	576/21/61/51	820/23/85/40	82/12/23/12	7/3/4/0
IQ4FA	465/13/56/19	1149/27/92/43	902/29/93/46	187/16/58/0	55/7/21/0	NR4L	327/14/27/50	752/22/58/54	736/24/85/52	115/17/27/22	38/6/6/2
OE2E	537/13/56/17	1059/25/93/36	810/30/95/48	185/14/59/0	40/7/22/0	W0LSD	414/14/16/51	811/22/47/52	783/23/73/52	123/11/21/18	16/6/5/4
IQ3KU	459/9/53/11	1066/27/92/39	976/30/91/46	208/15/61/1	36/4/16/0	NA5NN	315/10/21/48	753/20/56/54	780/23/67/52	100/15/19/17	17/5/5/2

### MULTI-OPERATOR MULTI-TRANSMITTER

Station	80	40	20	15	10	Station	80	40	20	15	10
9A1A	1053/20/72/26	1761/31/101/46	1421/32/106/52	452/24/78/7	120/8/37/0	K1SFA	503/17/54/53	1026/22/71/53	1298/27/94/52	194/16/30/28	66/8/8/16
K1SFA	503/17/54/53	1026/22/71/53	1298/27/94/52	194/16/30/28	66/8/16	N6WM	404/17/21/49	821/28/51/52	820/28/60/55	205/16/25/21	18/5/4/4
SX2I	619/12/54/11	942/22/76/22	989/23/74/31	243/16/46/0	27/6/12/0	KA4RRU	477/11/27/50	674/16/50/55	872/23/73/51	102/13/19/14	16/4/5/2
UZ2I	470/12/53/4	796/27/89/13	940/28/93/27	135/22/51/0	3/3/3/0	W3GH	515/14/31/52	751/20/58/52	880/23/72/45	66/11/18/8	6/2/3/0
N6WM	404/17/21/49	821/28/51/52	820/28/60/55	205/16/25/21	18/5/4/4	NE3F	141/9/18/34	308/14/35/47	371/20/62/30	59/14/20/8	2/1/2/0



Dimitri, TM3Z, has a nice antenna farm, allowing him to place third in the world in the SOSB low power assisted category.

## EUROPE

### SINGLE OPERATOR ALL BAND

Station	80	40	20	15	10
SO9I	466/10/52/6	788/22/82/22	701/26/83/40	139/13/43/0	14/3/7/0
EMØI	333/12/52/3	782/23/77/8	1013/25/75/31	113/9/27/0	21/3/10/0
OGØR	410/8/45/1	566/21/66/4	787/27/78/40	194/7/34/0	14/3/10/0
*OK6T	416/11/51/6	451/19/69/18	340/23/76/22	157/15/44/0	0/0/0/0
IT9VCE	212/10/40/13	383/8/44/0	766/21/61/36	70/8/20/0	49/3/11/0

### SINGLE OPERATOR ASSISTED ALL BAND

IQ2CJ	588/17/64/27	965/29/97/40	1093/31/96/50	170/15/63/0	31/7/18/0
*CR6K	321/16/57/30	708/21/81/37	1193/26/97/54	290/17/56/18	111/8/22/1
SN7Q	638/16/64/27	809/27/92/23	1079/30/92/46	143/17/53/0	38/8/19/0
*TM3Z	634/14/57/25	955/26/90/38	664/27/94/46	116/13/49/0	44/8/22/0
UW1M	344/13/54/5	954/27/85/20	1218/30/88/25	205/19/43/0	20/4/11/0

### MULTI-OPERATOR SINGLE TRANSMITTER

LZ5R	503/16/62/27	1074/29/95/43	1314/32/102/48	245/23/73/0	80/7/21/0
IQ6AN	486/13/59/27	1022/29/96/50	1333/30/98/52	189/21/69/5	39/8/23/0
OK5Z	359/14/61/19	852/30/99/40	1058/34/110/50	108/21/72/1	43/8/29/0
ED7N	251/14/54/25	962/26/87/42	965/28/94/49	332/21/73/19	27/6/19/0
S50W	391/14/58/14	729/29/98/34	1024/31/100/48	161/22/67/4	30/8/23/0

### MULTI-OPERATOR TWO TRANSMITTER

IQ9UI	665/17/66/36	1070/25/90/41	1601/32/104/50	614/26/78/9	195/7/29/0
ED1R	512/16/57/25	1218/23/83/43	1440/27/89/51	580/19/65/12	244/7/30/1
IQ4FA	465/13/56/19	1149/27/92/43	902/29/93/46	187/16/58/0	55/7/21/0
OE2E	537/13/56/17	1059/25/93/36	810/30/95/48	185/14/59/0	40/7/22/0
IQ3KU	459/9/53/11	1066/27/92/39	976/30/91/46	208/15/61/1	36/4/16/0

### MULTI-OPERATOR MULTI-TRANSMITTER

9A1A	1053/20/72/26	1761/31/101/46	1421/32/106/52	452/24/78/7	120/8/37/0
SX2I	619/12/54/11	942/22/76/22	989/23/74/31	243/16/46/0	27/6/12/0
UZ2I	470/12/53/4	796/27/89/13	940/28/93/27	135/22/51/0	3/3/3/0
I3VRD	300/10/47/8	708/20/71/25	582/24/73/43	184/12/46/0	17/5/9/0
PI4CC	243/8/43/3	201/14/48/7	152/15/24/34	35/8/13/0	0/0/0/0

\*Low Power

**SOLP 40m:** Top honors were won by G8X (op. Tim, G4FJK) with a solid lead over second place Robb, GØURR, who was operating from a campsite in North Devon.

**SOLP 20m:** Vitor, PY2NY, won first place with a nice 40k point lead over Amed, CO2AME, who came out on top of a Caribbean battle for second place with a new continental record over Frans, J69DS, who finished third.

**SOLP 15M:** Two stations in Brazil took top honors on 15 meters with Guilherme, PY2UD, winning over ZV2C (op. Mauricio, PY2CX) and Juan, EA8LG, slipping into third.

**SOLP 10M:** As is often the case with stations in that part of the world, even with limited 10-meter propagation, Cesar CA5RGF, managed to put 16k points on the band with nearly double the score of second-place Soni, PY1NX, and Claudio, CE5AUC, from southern Chile finishing third.

### Single Operator High Power Assisted

In one of the closer high-power races, there was a three-way European battle for top honors in this category. P3X (op. Sergey, 5B4AMM) was on top, producing over 3.7 million points. He edged out IQ2CJ (op. Gabry, IT9RGY) who took second with SN7Q (op. Krzysztof, SP7GIQ) in third. In the U.S. title race, there was a nail-biter as Rick, KI1G, was able to best Bud, AA3B, by a little over 700 points!

### QRP

Dime, Z35Z, took top honors on 80 meters; Domenico, IW9GTD, stood on top of 40 meters, besting Edin, E77T. Ratko, YU1NR, won the 20-meter QRP category. Alex,

## CLUB SCORES

### UNITED STATES

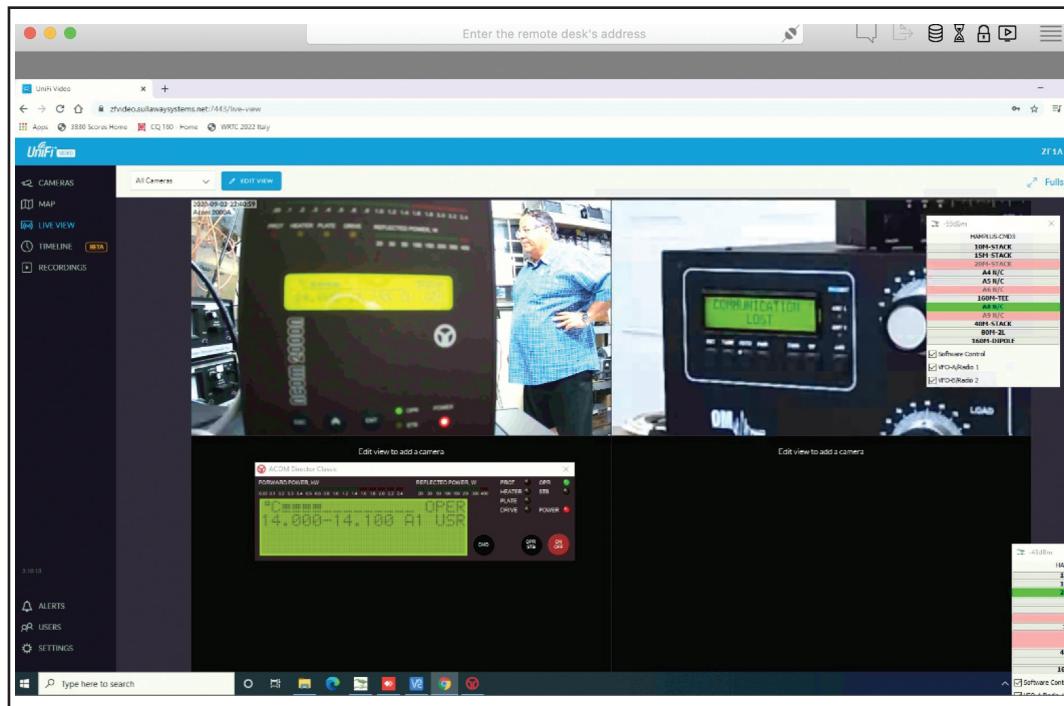
Club	# Entrants	Score
POTOMAC VALLEY RADIO CLUB	76	18,731,298
FRANKFORD RADIO CLUB	39	14,127,370
SOCIETY OF MIDWEST CONTESTERS	61	12,811,043
NORTHERN CALIFORNIA CONTEST CLUB	36	10,931,867
YANKEE CLIPPER CONTEST CLUB	33	8,451,808
ARIZONA OUTLAWS CONTEST CLUB	35	5,244,094
FLORIDA CONTEST GROUP	17	4,330,242
WILLAMETTE VALLEY DX CLUB	22	3,986,369
CTRI CONTEST GROUP	5	3,379,033
MINNESOTA WIRELESS ASSN	41	2,945,035
CENTRAL TEXAS DX AND CONTEST CLUB	6	2,842,794
TENNESSEE CONTEST GROUP	17	2,638,780
CAROLINA DX ASSOCIATION	10	1,957,675
GRAND MESA CONTESTERS OF COLORADO	7	1,872,317
DEEP DIXIE CONTEST CLUB	5	1,825,303
WESTERN WASHINGTON DX CLUB	20	1,734,786
DFW CONTEST GROUP	15	1,636,752
AARDVARK WIRELESS GROUP	7	1,612,291
KANSAS CITY CONTEST CLUB	6	1,596,974
SWAMP FOX CONTEST GROUP	8	1,497,080
NE MARYLAND AMATEUR RADIO CONTEST SOCIETY	9	1,418,912
KENTUCKY CONTEST GROUP	7	790,171
SOUTHERN CALIFORNIA CONTEST CLUB	14	713,921
NORTH COAST CONTESTERS	5	610,401
SPOKANE DX ASSOCIATION	8	495,502
ALABAMA CONTEST GROUP	8	440,450
NIAGARA FRONTIER RADIOSPORT	6	379,936
NEW PROVIDENCE ARC	4	377,484
SOUTH EAST CONTEST CLUB	6	322,926
MAD RIVER RADIO CLUB	4	287,904
ORDER OF BOILED OWLS OF NEW YORK	4	221,157
METRO DX CLUB	4	182,631
MOTHER LODE DX/CONTEST CLUB	6	135,108
SOUTH JERSEY RADIO ASSOCIATION	4	72,151

### DX

ITALIAN CONTEST CLUB	67	31,993,447
BAVARIAN CONTEST CLUB	97	27,437,043
EA CONTEST CLUB	30	20,458,132
UKRAINIAN CONTEST CLUB	54	16,736,393
INTEREST GROUP RTTY	23	12,642,765
CROATIAN CONTEST CLUB	8	9,437,984
RHEIN RUHR DX ASSOCIATION	40	6,446,330
CONTEST CLUB ONTARIO	27	6,355,933
VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB	7	6,146,294
SLOVENIA CONTEST CLUB	11	5,961,915
ARAUCARIA DX GROUP	21	5,504,685
CONTEST CLUB SERBIA	8	3,855,052
LATVIAN CONTEST CLUB	6	3,566,231
HA-DX-CLUB	6	3,397,197
YB LAND DX CLUB	48	3,208,904
ARIPA DX TEAM	4	3,167,719
CONTEST CLUB FINLAND	12	2,939,073
CHILTERN DX CLUB	13	2,606,104
BELARUS CONTEST CLUB	7	2,183,127
RTTY CONTESTERS OF JAPAN	9	2,023,648
LU CONTEST GROUP	19	1,999,320
RUSSIAN CONTEST CLUB	14	1,817,391
CZECH CONTEST CLUB	4	1,745,868
SP DX CLUB	19	1,693,276
5NNDXCC	13	1,556,691
SOUTH URAL CONTEST CLUB	4	1,431,180
LA CONTEST CLUB	4	1,304,921
RIO DX GROUP	20	1,229,011
KRIVBASS	4	1,179,498
RIVER PO DX TEAM	4	1,081,847
GUARA DX GROUP	5	1,042,333
CONTEST GROUP DU QUEBEC	7	1,042,094
ORCA DX AND CONTEST CLUB	9	1,005,974
RADIOCLUBUL RADU BRATU	4	953,026
VK CONTEST CLUB	10	892,028
RUSSIAN CW CLUB	4	878,094
MAUI AMATEUR RADIO CLUB	4	838,940
CLIPPERTON DX CLUB	4	673,127
SIAM DX GROUP	6	596,872
YB6_DXC	8	586,127
599 CONTEST CLUB	4	536,034
THRACIAN ROSE CLUB	7	506,309
CABREUVADX	8	477,158
SK5AA VASTERAS RADIKLUBB	4	435,355
RUSSIAN DIGITAL RADIO CLUB	12	426,417
CROWS CONTEST TEAM	4	337,259
YBDXC	9	327,442
DANISH DX GROUP	5	317,601
CDR GROUP	9	269,122
RU-QRP CLUB	5	262,555
VOLYN CONTEST GROUP	4	204,146
TORBAY ARS	5	202,534
RADIO CLUB VENEZOLANO CARACAS	4	193,938
NEWBURY AND DISTRICT ARS	4	175,922
CHILEAN PACIFIC DX GROUP	4	175,355
GIPANIS CONTEST GROUP	4	149,170
POLISH RADIOVIDEOGRAPHY CLUB	4	101,681
RADIO CLUB ETERNAUTAS	5	88,326
ARCK	4	68,289
KEYMEN'S CLUB OF JAPAN	4	32,167
452 DX CLUB	4	2,091

Club scores with 4 or more entries.

**ZF1EJ** provided a live video feed while he competed in the 2020 CQWW RTTY DX Contest.



### New Records during the 2020 Contest

Category	World	Continent	USA
SOHP80		A65DR	
SOLP20		CO2AME	
SOQRP40		KH6KG/W5	KH6KG/W5
Assisted HP 20		ZL3TE	
Assisted HP 80		PY7XC	
Assisted LP ALL		WW2R	
Assisted LP 20		P40P	
Assisted LP 40		CW4MAX	
Assisted QRP all		PU8YPL	WA1FCN
Assisted QRP 40		JA6CGE	
		JG1LFR	
		YC8FXI	

Table 1

### TOP SCORES IN VERY ACTIVE ZONES

Zone 3	Zone 14	Zone 20
W7RN (WK6I) ..... 1,310,556	HB9TOC ..... 864,904	4Z5LY ..... 536,703
N7GP ..... 715,836	LC3A (LB8IB) ..... 841,536	4Z5KU ..... 505,529
W7YAQ ..... 585,183	*ON4CT ..... 666,377	Y03RU ..... 386,484
KK6P (W7IV) ..... 511,065	CR6T (CT1ESV) ..... 574,330	SV6JHA ..... 341,130
VE7KW ..... 413,367	GØDWV ..... 540,120	*TA7I ..... 323,736

Zone 4	Zone 15	Zone 25
AC0C ..... 1,298,484	SO9I (SQ9ORQ) ..... 1,804,099	*JI1RXQ ..... 285,426
WX8C/Ø ..... 752,184	OGØR (OH2PM) ..... 1,447,552	*JS1OYN ..... 272,845
AC4CA ..... 500,214	*OK6T (OK1WCF) ..... 1,034,742	JH3AIU ..... 243,810
*VE3PJ ..... 465,360	IT9VCE ..... 871,475	JA7ACM ..... 201,634
*KD9MS ..... 452,364	*LY9Y ..... 711,450	JA8TR ..... 177,940

Zone 5	Zone 16	*Low Power
K5ZD ..... 1,276,899	EMØI (UT2IZ) ..... 1,668,145	
*N1IXF ..... 754,172	EV1R ..... 548,262	
*AA2MF ..... 687,216	UR7GO ..... 496,584	
VE2GSO ..... 645,321	RW4W ..... 474,708	
*WS6X ..... 497,328	*UT5EPP ..... 458,328	

5B4ALX, operating as H2X, stood with a wide win on 15 meters. Boris, E78AX, took the 10-meter QRP prize.

**SOAB QRP:** Doug, KR2Q, a prolific QRP competitor with his first ever QRP RTTY entry, secured an amazing result, winning the contest with over a quarter million points. Sergey, UX2MF, was able to maintain a slim margin over HG6C (op. Gulyas HA6IAM) to take second.

### Single Operator Single Band

**SOSB(A) high power 80:** Michele, IZ4ZZB, was the clear winner with over 200k points, followed by Felber, HA1TJ, taking second.

**SOSB(A) high power 40:** Lacie, OM2VL, did great with over a 600k score to take first, but Nigel, G3TXF, also did well, taking second place with over a half million points in the log.

**SOSB(A) high power 20:** The winner in this category was ED8W (op. Manuel, EA8DO) with over 800k, but IQ1RY (op. Filippo, IZ1LBG) was on his coattails in a tight race and took second over 9A5D (op. Ivo, 9A3ID).

**SOSB(A) high power 15:** A solid win from northern Chile as Pablo, CE1KV, was solidly ahead by more than 120k over the second-place finisher HG1S.

**SOSB(A) high power 10:** Not a lot of entrants in this one, but Milos, S53X, was able to put a few in the log to take the category with 11k points. Pres, N6SS, was able to make a small mark for the U.S. with a little under 2,000 points for the U.S. win.

**SOSB(A) low power:** There was a great horse race for top honors in this category as CR6K (op. Filipe, CT1ILT) was able to use EU proximity to his advantage to narrowly best Rob, P4ØP for the world win. Dimitry, TM3Z, was able to produce a nice score to take third. Steve, W9SN, was able to edge over 1 million points to take top U.S. honors.

**SOSB(A) low power 80m:** There were several stations very close to each other but OK1M (op. Michal, OK1WMR) was able to best M7W (op. Dave, G3TBK) by 8k to take top honors.

**SOSB(A) low power 40m:** IR9K (op. Raf, IT9ATF) narrowly beat Paul, UR6EA, for the win, but it was a very close race with less than a 1,000-point margin.

**SOSB(A) low power 20m:** Mohamed, CN8KD, was a clear winner from Morocco with over a half million points and more than 150k points ahead of second-place RM3F (op. Yuri, UA4LCQ).

**SOSB(A) low power 15m:** The 15-meter battle in this category happened in South America where Paulo, PY2QT, was able to best Juan, CE3BN, in Santiago, Chile.

**SOSB(A) low power 10m:** Not too many big scores in this category but Rodrigo, PY2KC, managed a couple thousand points.

**SOAB(A) QRP:** Nobuo, JA6GCE, had a notable score in the all-band category with nearly a quarter-million points and well above second place Santi, EA3O.

**SOSB(A) single band QRP Categories:** Andres, UW8SM, powered through to win 80 meters; Milan, OK2AP, topped 40 meters; SFØA (op. Mikael, SMØLPO) topped 20 meters from Sweden; ZW2T (op. Fabio, PY2RK) did well on 15; and there was only a single entry on 10 meters by JH3DMQ.

## Multi Op Competition

Despite being deep in pandemic restrictions, a number of multi-ops were still able to QRV, some traditionally and others via remote.

**Multi-Single One transmitter high power:** Despite various restrictions around the world, this category was well represented and had a tight race for first place between team LZ5R and team IQ6AN. LZ5R was able to narrowly stay ahead of the IQ6AN group to take first; both scored over 4 million points.

**Multi-Single One transmitter low power:** The team operating as IT9BLB was solidly on top with a 1.5-million-point lead over second-place 9A7T.

**Multi-Op two transmitter:** IQ9UI lead the pack by over 700k, besting ED1R; both stations had very respectable scores. IQ4FA took third but was in a tight race for the position with OE2E. IQ3KU wraps up the top five.

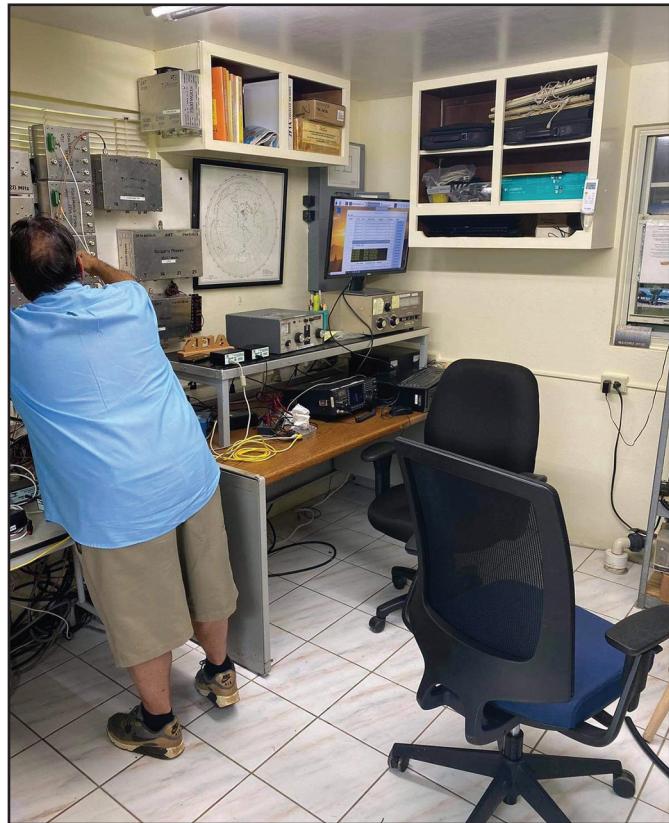
**Multi-Op multi-transmitter:** The winning team was 9A1A with over double the score of K1SFA in second worldwide and securing the U.S. win. SX2I, UZ2I, and N6WM on the west coast of the U.S. finished in third, fourth and fifth positions, respectively.

## Overlay Category

**Rookie high power:** We always like to recognize rookie performances, and Oihane, EA2ESZ, really produced a large score of 2 million points for the Rookie world title. Roberto, K6KM, was first in the U.S. from a very small city lot station in northern W6.

**Rookie low power:** Ricardo, HC7AE, in Ecuador had to battle it out with two Pacific stations (9M2TDX and YC1RKT) but came out on top.

**Classic high power:** Yuri, RG9A, takes the world in this category with W4CB (op. Bud, W2RU) taking top U.S. honors.



ZF1EJ is busy setting up his station for the 2020 running of the CQWW RTTY DX Contest.

**Classic low power:** The low-power classic win goes to Dirk, ON4CT, who bested Ted, HI3T, by 100k points.

## Club Competition

The inter club competition of this contest is always interesting and sometimes produces neck-and-neck races. In 2020, the club competition had an unusual outcome.

In the U.S. competition, the Potomac Valley Radio Club increased its winning streak for the ninth year with over a 4.5-million-point margin and 79 logs over second-place Frankford Radio Club with 39 logs. The Society of Midwest contesters took third place despite a great club showing and 61 logs. The Northern California Contest Club and Yankee Clipper Contest Club placed fourth and fifth to round out the top five, both with similar levels of participation.

The race for top DX honors, and indeed, the world, occurred in Europe where the Italian Contest Club was able to upset the seven-year winning streak of the Bavarian Contest Club by taking top honors with 30 fewer logs and a 4.5 million point winning margin. The EA Contest Club secured the third-place position, followed by the Ukrainian Contest Club in fourth with a good showing of logs, and Interest Group RTTY rounding out the top five.

## In Summary

On behalf of the entire CQWW RTTY DX management team, congratulations to all the sponsored plaque winners, and thanks to all who were able to get QRV in the CQWW RTTY DX contest in 2020. Although many plans were changed by the pandemic, in true ham contesting spirit there was very high participation and lots of fun to be had. We hope to see you all again in 2021.