

Results of the 2023 CQ World Wide WPX SSB Contest

BY BUD TRENCH,* AA3B

“Lots of fun even with some funky band conditions. Great to see a phenomenal opening of 10 meters!” – KB3TB

“Organized mayhem! Had a great time. Can’t wait until next year” – N5BLY

“Excellent contest, many poor signals but great operators” – K4CGY

I operated CQ WPX SSB from Antigua for the first time this year. When I arrived on 21 March, I found band conditions to be fantastic and the station needed minimal repairs, so I was psyched! And then, a G4 (severe) geomagnetic storm hit on 24 March, profoundly degrading the HF bands. When the contest started, my rates fell short of my goals. After a bit of a panic, I settled down and made the best of the hand I was dealt. Fortunately, conditions improved, rates steadily increased, and I had a fantastic time overall.

The G4 storm was not a deterrent to participation as a record 7,735 logs were received, surpassing the previous peak set at the height of the COVID19 pandemic in 2020. As shown in Figure 1,



Jean-Pierre, P43A was #1 in the World on 15M!

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| Metric | Continent | | | | | | | 2022 |
|---|-----------|---------|-----------|---------|---------|---------|-----------|-----------|
| | AF | AS | EU | NA | OC | SA | ALL | |
| Logs | 55 | 908 | 3,384 | 2,342 | 601 | 445 | 7,735 | 6,213 |
| Operators | 78 | 1,122 | 4,112 | 2,646 | 730 | 539 | 9,227 | 7,199 |
| DXCC | 21 | 30 | 60 | 26 | 13 | 16 | 166 | 145 |
| Prefixes | 36 | 276 | 864 | 571 | 118 | 143 | 2,008 | 1,704 |
| Reported QSOs By Band (Post Log Checking) | | | | | | | | |
| 160M | 178 | 130 | 14,811 | 2,524 | 31 | 5 | 17,679 | 12,904 |
| 80M | 1,471 | 3,544 | 120,009 | 28,724 | 576 | 738 | 155,062 | 134,508 |
| 40M | 5,710 | 19,917 | 213,740 | 114,953 | 32,352 | 9,352 | 396,024 | 402,874 |
| 20M | 9,562 | 37,027 | 310,980 | 177,799 | 17,163 | 24,274 | 576,805 | 578,641 |
| 15M | 16,089 | 75,042 | 259,784 | 235,900 | 31,074 | 42,309 | 660,198 | 621,395 |
| 10M | 31,737 | 92,475 | 195,081 | 209,226 | 37,970 | 130,898 | 697,387 | 236,200 |
| All | 64,747 | 228,135 | 1,114,405 | 769,126 | 119,166 | 207,576 | 2,503,155 | 1,986,522 |
| Average Productivity | | | | | | | | |
| QSOs/Log | 1,177 | 251 | 329 | 328 | 198 | 466 | 324 | 320 |
| QSOs/Opr | 830 | 203 | 271 | 291 | 163 | 385 | 271 | 276 |

Figure 1. 2023 Activity Level Summary by Continent



Jaime, NS3T, was #6 in the USA in the Single Op, All Band, Low Power category. Note that there is no microphone – all SSB QSOs were made using recorded voice files.

there was a growth of more than 1,500 logs processed as compared to last year. Over 2.5 million QSOs were validated based on logs received from 166 DXCC entities. Ten meters was the most productive band accounting for 28% of all QSOs.

Single Operator Highlights

Single operator entries grew by over 1,300 as compared to 2022, and Figure 2 shows the breakdown of Single Operator category selections by continent. Low Power is clearly the category of choice and saw a participation growth of nearly 35% compared to last year. The most popular single band selection was 10M likely due to the progress of Cycle 25.

A study of Figure 3, showing operating times by power levels for the Single Op All Band categories, reveals that

| Category | Continent | | | | | | All | Average per Entry | | All 2022 |
|-------------------------------------|-----------|-----|-------|-------|-----|-----|-------|-------------------|-----------------|----------|
| | AF | AS | EU | NA | OC | SA | | Op Time (Hours) | Score Reduction | |
| Single Op High Power Entries | | | | | | | | | | |
| All Band | 16 | 155 | 654 | 739 | 90 | 40 | 1,694 | 12 | 8% | 1,476 |
| Single Band | 6 | 97 | 296 | 114 | 46 | 52 | 611 | 12 | 9% | 511 |
| Single Op Low Power Entries | | | | | | | | | | |
| All Band | 15 | 290 | 1,346 | 1,074 | 184 | 100 | 3,009 | 10 | 11% | 2,299 |
| Single Band | 12 | 223 | 499 | 188 | 213 | 197 | 1,332 | 9 | 12% | 1,102 |
| QRP Entries | | | | | | | | | | |
| All Band | 1 | 12 | 68 | 34 | 11 | 6 | 132 | 10 | 10% | 105 |
| Single Band | 0 | 38 | 86 | 29 | 22 | 11 | 186 | 7 | 12% | 151 |

Figure 2. Single Operator Participants by Continent

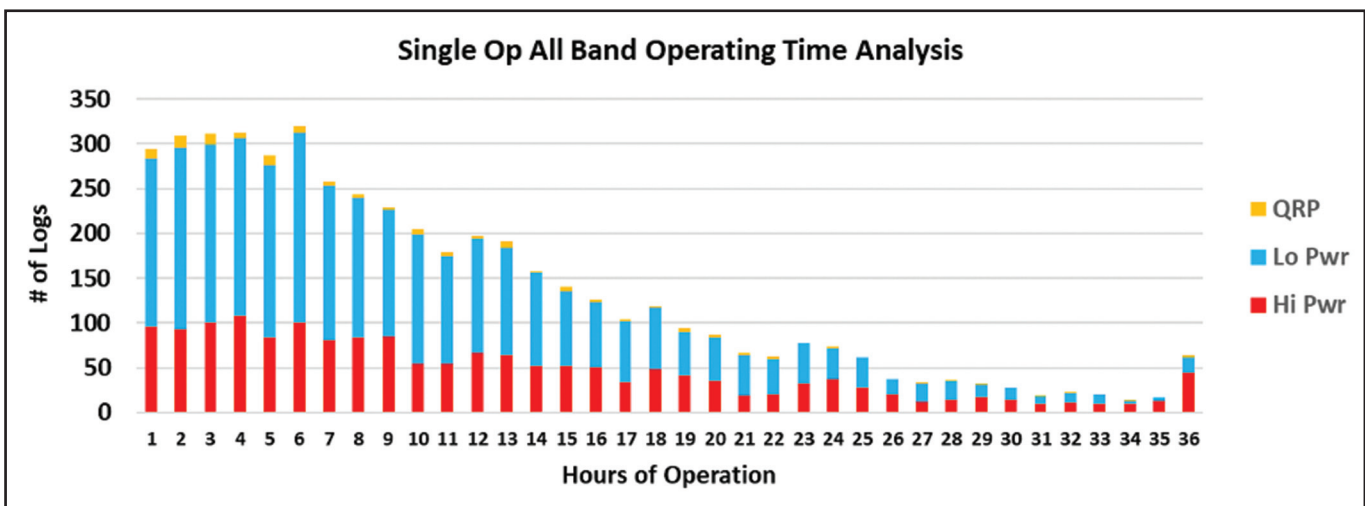


Figure 3. Single Op All Band Operating Time Histogram

about 70% of the operators exited after 12 hours and 90% by 24 hours. There were 64 All Banders that lasted the full 36 hours along with 12 Single Banders. Overall, average operating times were down slightly in most single operator categories as compared to 2022.

The top Single Op score in the World was achieved by D4Z (E77DX) who held off last year's winner PJ4K (N6KT). D4Z's multiplier total was the discriminator, which more than offset the QSO points advantage achieved by PJ4K. KQ2M was way out in front of all the other Single Ops from the USA.

P4ØL (W6LD) dominated the Single Op Low Power category to earn his second consecutive win. AC1U (N1UR) was #1 in the USA and #4 overall.

One of the closest races in the contest was between 5B/HA5PP and ZY6G (PY6GOE) for the top spot in the Single Op QRP category. The finish order was determined by logging accuracy with 5B/HA5PP on top. K3WW achieved his third consecutive QRP victory in the USA.

Ten meter results were thrilling as compared to last year. The winning Single Band 10M score from PT5J (PP5JR) was nearly 3X the top score from 2022, while KW7MM Single Band 10M score was nearly 10X the top USA

score from 2022. The first place USA Low Power score on 10M was achieved by a portable operation conducted by K4TMC. P43A reported many dupes due to bad spots of his call as P4ØA and P4XA while on the journey to the top



Kris, YL3JA, set a new world record in the Low Power Youth Overlay and submitted a log with impressive accuracy!

| 2023 Category | Continent | | | | | | | Average per Entry | | All 2022 |
|---|-----------|----|-----|-----|----|----|-----|-------------------|-----------------|----------|
| | AF | AS | EU | NA | OC | SA | All | Op Time (Hours) | Score Reduction | |
| High Power Overlay Entries | | | | | | | | | | |
| TB-Wires | 3 | 26 | 91 | 100 | 17 | 14 | 251 | 14 | 8% | 238 |
| Classic | 3 | 20 | 64 | 66 | 13 | 5 | 171 | 12 | 8% | 162 |
| Rookie | 0 | 4 | 19 | 10 | 2 | 1 | 36 | 16 | 10% | 29 |
| Youth | 0 | 2 | 6 | 3 | 0 | 0 | 11 | 13 | 9% | 9 |
| Low Power Overlay Entries (Includes QRP) | | | | | | | | | | |
| TB-Wires | 2 | 43 | 202 | 93 | 29 | 26 | 395 | 12 | 10% | 332 |
| Classic | 5 | 75 | 280 | 146 | 45 | 26 | 577 | 10 | 11% | 336 |
| Rookie | 1 | 26 | 116 | 81 | 30 | 13 | 267 | 9 | 13% | 35 |
| Youth | 0 | 14 | 34 | 8 | 2 | 0 | 58 | 6 | 9% | 30 |

Figure 4. Single Op Overlay Participation Summary

| 2023 Category | Continent | | | | | | | Average per Entry | | All 2022 |
|-------------------|-----------|----|----|----|----|----|-----|-------------------|-----------------|----------|
| | AF | AS | EU | NA | OC | SA | All | Op Time (Hours) | Score Reduction | |
| Multi-Single HP | 1 | 24 | 81 | 25 | 9 | 16 | 156 | 31 | 11% | 107 |
| Multi-Single LP | 0 | 25 | 45 | 26 | 8 | 10 | 114 | 20 | 11% | 71 |
| Multi-Two | 2 | 8 | 34 | 23 | 3 | 3 | 73 | 33 | 10% | 45 |
| Multi-Multi | 1 | 3 | 9 | 12 | 2 | 2 | 29 | 37 | 11% | 29 |
| Multi-Distributed | 0 | 1 | 8 | 4 | 2 | 1 | 16 | 32 | 10% | 16 |

Figure 5. Multi-Operator Participation Summary

score for 15M. Congratulations to WIØWA (WØEWD) on a second consecutive USA 20M category victory. Two of the top single band scores in the USA came from the same station - K3JO @ K1LZ and K1LZ were the USA winners on 15M and 40M respectively.

Fun with Overlays

The Classic Overlay is for Single Operators using one radio, without QSO finding assistance, and the score is based on the first 24 hours of on-times. This was the most selected Overlay in 2023 as shown in Figure 4 and was up by 109 par-

ticipants (17%) from last year. There were 56 Classic Overlay participants that made it to the 24 hour operating time limit. PJ4R (KK9A) won the High Power Classic Overlay for the second year in a row. WK5T (N2IC) was the USA winner and #4 in the World. The Low Power Classic Overlay victory belongs to ZF2VE (W1VE); N8II was tops in the USA.

The Single Operator Tribander – Wires (TB-Wires) Overlay is for participants with antennas that meet the following requirements: a single feedline for the single antenna used on 20M / 15M / 10M and single element antennas for 160M, 80M and 40M. Separate receive antennas are not permitted.

2023 CQWW WPX SSB TOP SCORES

| | | | | | | | |
|-------------------------------|--|---------------------------------|--|-------------------------------|--|-----------------------------|--|
| WORLD | | 14 MHz | | LOW POWER | | 3.7 MHz | |
| SINGLE OPERATOR | | YV4EK1,110,032 | | UT4UBZ312 | | W3BGN.....442,656 | |
| HIGH POWER | | YU5M1,100,610 | | DO4HZ286 | | ND8DX.....342,090 | |
| All Band | | S52OT948,330 | | MULTI-OP | | K7STO6,431 | |
| D4Z (E77DX)29,854,668 | | UT3EV832,038 | | SINGLE-TRANSMITTER | | K9PY3,486 | |
| PJ4K (N6KT)27,568,088 | | PY2NY715,616 | | HIGH POWER | | 1.8 MHz | |
| CR3DX (OM3GI)26,099,616 | | 7 MHz | | All Band | | WF2W70,632 | |
| 8P5A (W2SC)24,670,996 | | YT7A (YT7BA)1,518,075 | | P33W40,316,976 | | K5UR43,776 | |
| V26K (AA3B)18,272,265 | | IT9EWR844,845 | | UP2L25,587,564 | | K2KW1,485 | |
| 28 MHz | | E7ØY803,984 | | LZ5R23,513,475 | | LOW POWER | |
| PT5J (PP5JR)18,778,994 | | HZ1TL600,010 | | ZF1A21,853,128 | | All Band | |
| PV2G (PT2IC)12,398,582 | | HA8LLK559,702 | | J68HZ17,702,548 | | AC1U (N1UR)4,353,687 | |
| CQ3W (DF7EE)10,392,928 | | 3.7 MHz | | MULTI-OP | | W1RCR3,915,054 | |
| EF8BBM (EA4BQ)9,138,765 | | DR2T (DO1ABW)816,871 | | SINGLE-TRANSMITTER | | N8II1,656,645 | |
| 4X6FR6,278,610 | | IZ4REF461,890 | | LOW POWER | | N3AAA1,446,597 | |
| 21 MHz | | PCØØT (PA2TMS)447,966 | | All Band | | WZ8T1,201,248 | |
| P43A12,056,712 | | 9A1AR428,868 | | NP3X10,357,434 | | 28 MHz | |
| FY5KE (F5UII)10,265,807 | | YO8PS343,530 | | VP5P9,778,728 | | K4TMC447,678 | |
| DF7A (DL2ARD)8,013,789 | | 1.8 MHz | | ED7B5,408,308 | | K9KE344,715 | |
| IY3A (IZ3EYZ)6,053,232 | | YT8A131,016 | | PR1T4,956,685 | | NA4W (K4WI)147,322 | |
| SO9I (SQ9ORQ)6,040,122 | | UA7K64,059 | | LW1F4,897,479 | | N3GB1,354,473 | |
| 14 MHz | | SQ1NXW17,195 | | MULTI-OP | | WA3RH/W4114,648 | |
| IB9T (IU3BTY)5,843,404 | | OK2BRQ16,720 | | TWO-TRANSMITTER | | 21 MHz | |
| YT3X4,725,783 | | SP6LUV7,502 | | All Band | | NG1R (W1QK)594,561 | |
| CQ8Q (PT2FM)4,185,550 | | QRP | | ES9UKR36,746,300 | | KA4RRU545,310 | |
| S57DX3,575,236 | | All Band | | PX2A33,937,725 | | N3ZA130,980 | |
| E74A3,395,770 | | 5B/HA5PP (HA5PP)1,114,206 | | WP4X33,516,900 | | KØEA105,711 | |
| 7 MHz | | ZY6G (PY6GOE)1,086,206 | | CR6K30,927,879 | | NU5DE (N5KF)90,250 | |
| ED5R (EA5Z)7,996,128 | | ES6RW846,304 | | TM6M28,429,640 | | 14 MHz | |
| SN3A (SP3GEM)5,731,180 | | LY9A643,456 | | MULTI-OP | | NY6DX223,779 | |
| IB8A (I8QLS)5,530,214 | | K3WW572,300 | | MULTI-TRANSMITTER | | W5CSM150,335 | |
| HK1T4,445,476 | | 28 MHz | | All Band | | W1K126,594 | |
| K1LZ3,896,800 | | EE3O (EA3O)229,080 | | CN3A93,720,960 | | W3RFX61,440 | |
| 3.7 MHz | | UZ7M (UT9MZ)160,080 | | NH7T39,108,440 | | AC1MT10,224 | |
| 4L5O2,421,760 | | PU2TWZ124,650 | | PJ2T35,630,408 | | 7 MHz | |
| 4L2M1,687,560 | | W5GAI74,580 | | LZ9W33,492,160 | | N8BV75,524 | |
| HA1TJ1,413,184 | | VE7DX60,192 | | 9A5ØP33,163,955 | | KA1IS25,160 | |
| EE7L1,261,638 | | 21 MHz | | MULTI-OP | | K7BWC19,125 | |
| DQ2C (DL2SAX)1,186,339 | | UN4L738,924 | | MULTI-DISTRIBUTED | | K4FT2,093 | |
| 1.8 MHz | | HG1S (HA1DAE)248,040 | | HIGH POWER | | AJ3M1,160 | |
| S56X267,380 | | K3ØØ192,576 | | All Band | | 3.7 MHz | |
| WF2W70,632 | | SY1AEA156,782 | | IQ4FA21,249,657 | | NM2R111,888 | |
| IK1PMR51,910 | | TA2IB122,003 | | WW4LL12,009,679 | | KW4SW39,308 | |
| K5UR43,776 | | 14 MHz | | NC1CC5,757,350 | | WZ6ZZ33,880 | |
| 9A2KD39,130 | | LY5G166,216 | | OE2S4,930,409 | | N2WF26,529 | |
| LOW POWER | | YV6BXN90,508 | | MX4Y3,276,350 | | W6RKC60 | |
| All Band | | YO8RC53,196 | | ROOKIE | | 21 MHz | |
| P4ØL (W6LD)15,141,360 | | YØ9XC25,239 | | HIGH POWER | | K3JO (@K1LZ)5,422,980 | |
| TA3NE5,370,000 | | YU1NR23,680 | | All Band | | N7RQ2,579,475 | |
| ZF2VE (W1VE)4,895,838 | | 7 MHz | | DL3ON3,944,272 | | AD6WL1,503,936 | |
| AC1U (N1UR)4,353,687 | | E77Y (E77CV)137,936 | | PP5KW3,760,569 | | WR5J (K7ZQ)1,049,950 | |
| W1RCR3,915,054 | | OK6ØK97,416 | | ON7FT1,466,135 | | NF7E954,515 | |
| 28 MHz | | OU2V (OZ1FJB)58,032 | | VE3GJP837,151 | | 14 MHz | |
| PY2UD4,994,210 | | SØ55K (SP5FKW)49,926 | | KH6KW779,553 | | WIØWA (WØEWD) | |
| ZV2HAM (PY2EX)2,952,418 | | HA3GC49,769 | | LOW POWER | | @WØEWD)1,674,992 | |
| TO1Q (F1ULQ)2,302,785 | | 3.7 MHz | | D44PM1,311,684 | | N5JJ751,752 | |
| ZM4T (ZL3IO)1,994,709 | | OL4W112,312 | | ED4J (EA4HKF)690,640 | | WW4L54,120 | |
| LS7H (LU1HHT)1,958,859 | | OMØA (OMØAAO)89,870 | | M7DGO636,000 | | W8GOC31,720 | |
| 21 MHz | | GW8C (MØWLY)18,216 | | VE3RGO571,095 | | W3IK11,620 | |
| PR2E (PY2WH)1,087,488 | | OH1LEG920 | | VA3ØOL548,080 | | 7 MHz | |
| EA3CX1,059,656 | | JA2MWV24 | | CLASSIC | | K1LZ3,896,800 | |
| CT7BJG (DL6IAK)999,297 | | 1.8 MHz | | HIGH POWER | | W6KW256,880 | |
| V55Y (V51WH)911,232 | | HA1TI17,088 | | PJ4R (KK9A)12,614,900 | | AF8C52,050 | |
| CT3QI819,819 | | YØ8WW779 | | EB8AH (EA8RM)10,454,016 | | W3PAX47,422 | |
| | | UR5FEO364 | | ED8M (EA8DIG)7,882,960 | | N9LR32,032 | |
| | | | | WK5T (N2IC)7,641,940 | | | |
| | | | | UA9MA5,743,348 | | | |

Entries increased by 80 (14%) from 2022. This High Power Overlay also had a repeat winner – CT3KN. N3QE led all USA participants for the fourth time. Low power TB-Wires Overlay winners were HZ1TT (World) and N3AAA (USA).

Great news - the Rookie Overlay saw a growth of 54 entries (22%) as compared to 2022! The Rookie Overlay is intended to attract new contestants licensed under three years. Of the 303 Rookies this year, 92 were in their final year of eligibility, 107 in Year 2 and 104 in Year 1. The High Power Youth Overlay results were very close with DL3ON finishing just ahead of PP5KW with the discriminator being

the extra operating time expended by DL3ON. The best High Power Rookie Overlay score in the continental USA came from W3FR. D44PM moved up from #4 last year to #1 this year in the Low Power Rookie Overlay, and KFØIDT was #1 in the USA.

The Youth Overlay targets operators aged 25 or younger. This overlay also enjoyed growth of 23% over last year. The 69 Youth Overlay participants ranged in age from 8 to 25 years with an average of 18.4. SO9I (SQ9ORQ), age 25, had a peak rate of 174 QSOs / hour as part of his winning High Power Youth Overlay effort. LY7K, age 25, winner of

14 MHz

| | |
|--------|-------|
| N7SVI | 1,408 |
| K4CUZ | 684 |
| K9TR | 480 |
| W9GPB | 110 |
| K16PIE | 1 |

7 MHz

| | |
|-------|-------|
| N8URE | 3,034 |
| KO3T | 2,964 |
| KZ3W | 1,650 |
| K3RWN | 510 |

MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band

| | |
|------|------------|
| KT5J | 14,048,040 |
| WV4U | 6,013,232 |
| KY7M | 5,608,022 |
| N4RV | 4,485,416 |
| ND3D | 4,322,760 |

MULTI-OP SINGLE-TRANSMITTER LOW POWER All Band

| | |
|--------|-----------|
| NV9L | 2,704,650 |
| WA1F | 1,536,360 |
| AD3PA | 1,336,323 |
| KM4WPR | 192,512 |
| KØUK | 179,928 |

MULTI-OP TWO-TRANSMITTER All Band

| | |
|-------|------------|
| WR3Z | 10,819,683 |
| WD6T | 10,074,433 |
| KU1CW | 9,441,670 |
| N7DX | 8,342,838 |
| NI4W | 8,037,510 |

MULTI-OP MULTI-TRANSMITTER All Band

| | |
|--------|------------|
| ND7K | 28,009,023 |
| WX3B | 20,945,100 |
| NR6O | 13,285,272 |
| NE1C | 12,714,111 |
| KB3VQC | 995,112 |

MULTI-OP MULTI-DISTRIBUTED HIGH POWER All Band

| | |
|-------|------------|
| WW4LL | 12,009,679 |
| NC1CC | 5,757,350 |
| KQ7I | 1,614,906 |

ROOKIE HIGH POWER

| | |
|--------|---------|
| W3FR | 779,025 |
| KC3TAU | 603,402 |
| WB4DKU | 364,364 |
| W9DCT | 117,312 |
| K9MVG | 104,636 |

LOW POWER

| | |
|--------|---------|
| KFØIDT | 498,632 |
| W3POT | 355,752 |
| KFØHCN | 217,005 |
| N3BAS | 216,619 |
| KE8SIQ | 202,826 |

CLASSIC HIGH POWER

| | |
|-------------|-----------|
| WK5T (N2IC) | 7,641,940 |
| KU2M | 4,056,832 |
| N7RQ | 2,579,475 |
| WDØT | 1,838,060 |
| NF6A (K6XX) | 1,789,880 |

LOW POWER

| | |
|-------|-----------|
| N8II | 1,656,645 |
| NE8P | 942,714 |
| K5FUJ | 742,105 |
| N5YJZ | 693,056 |
| N7MZW | 523,200 |

TRIBANDER/WIRES HIGH POWER

| | |
|---------------|-----------|
| N3QE | 3,863,180 |
| AD5XD | 3,752,112 |
| K3DNE | 3,691,394 |
| KR4Z (N4OX) | 2,633,799 |
| W1AW/5 (K5TA) | 2,562,390 |

LOW POWER

| | |
|--------|-----------|
| N3AAA | 1,446,597 |
| K8ZM | 741,108 |
| KW1X | 555,370 |
| KG4IGC | 434,010 |
| N2YO | 427,728 |

YOUTH HIGH POWER

| | |
|--------|--------|
| W3MLJ | 21,375 |
| KN4LGM | 15,416 |

LOW POWER

| | |
|--------|--------|
| KC3UII | 70,840 |
| KM6VRX | 34,629 |
| W7MTH | 25,935 |
| KQ4AKR | 23,647 |
| K5TRP | 6,996 |

EUROPE SINGLE OPERATOR HIGH POWER All Band

| | |
|---------------|------------|
| E7DX (E7ØT) | 13,769,374 |
| LY4A | 10,766,866 |
| HG8R (HA8JV) | 10,603,200 |
| EB5A | 10,372,095 |
| OM7M (SP9LJD) | 9,179,412 |

28 MHz

| | |
|---------------|-----------|
| OL9Z | 2,991,230 |
| ES7A (ES7GM) | 2,880,548 |
| EE7P (EA7ATX) | 2,749,098 |
| IR9W | 2,639,879 |
| TMØT (F4HQZ) | 2,412,658 |

21 MHz

| | |
|---------------|-----------|
| DF7A (DL2ARD) | 8,013,789 |
| IY3A (IZ3EYZ) | 6,053,232 |
| SO9I (SQ9ORQ) | 6,040,122 |
| RW7K | 5,566,113 |
| CR6T (CT1ESV) | 5,508,594 |

14 MHz

| | |
|---------------|-----------|
| IB9T (IU3BTY) | 5,843,404 |
| YT3X | 4,725,783 |
| CQ8Q (PT2FM) | 4,185,550 |
| S57DX | 3,575,236 |
| E74A | 3,395,770 |

7 MHz

| | |
|-------------|-----------|
| ED5R (EA5Z) | 7,996,128 |
|-------------|-----------|

| | |
|---------------|-----------|
| SN3A (SP3GEM) | 5,731,180 |
| IB8A (8QLS) | 5,530,214 |
| YT1A | 3,552,354 |
| S51CK | 2,740,420 |

3.7 MHz

| | |
|---------------|-----------|
| HA1TJ | 1,413,184 |
| EE7L | 1,261,638 |
| DQ2C (DL2SAX) | 1,186,339 |
| SN9B (SQ9OB) | 1,047,861 |
| OL7P (OK1CRM) | 945,210 |

1.8 MHz

| | |
|--------|---------|
| S56X | 267,380 |
| IK1PMR | 51,910 |
| 9A2KD | 39,130 |
| YU1P | 8,520 |
| EW1OW | 8,192 |

LOW POWER All Band

| | |
|---------------|-----------|
| TM3Z (F4DSK) | 3,370,662 |
| SQ6H (SQ6PLH) | 2,632,760 |
| IU4FNO | 2,374,415 |
| S55X | 1,799,160 |
| 9A3B (9A1AA) | 1,783,944 |

28 MHz

| | |
|---------------|-----------|
| 9A9R | 1,355,383 |
| IT9BLB | 995,085 |
| ED2X (EA2LMI) | 917,568 |
| IJ2G (IU2IDU) | 662,451 |
| IK2YGZ | 660,303 |

21 MHz

| | |
|-----------------|-----------|
| EA3CX | 1,059,656 |
| CT7BJG (DL6IAK) | 999,297 |
| R3DCB | 551,955 |
| IT9FRX | 396,256 |
| IT9ATF | 367,004 |

14 MHz

| | |
|---------------|-----------|
| YU5M | 1,100,610 |
| S52OT | 948,330 |
| UT3EV | 832,038 |
| IR9Z (IT9VCE) | 637,182 |
| SP7Y | 623,220 |

7 MHz

| | |
|--------------|-----------|
| YT7A (YT7BA) | 1,518,075 |
| IT9EWR | 844,845 |
| E7ØY | 803,984 |
| HA8LLK | 559,702 |
| SP3AYA | 473,110 |

3.7 MHz

| | |
|----------------|---------|
| DR2T (DO1ABW) | 816,871 |
| I4REF | 461,890 |
| PCØØT (PA2TMS) | 447,966 |
| 9A1AR | 428,868 |
| YO8PS | 343,530 |

1.8 MHz

| | |
|--------|---------|
| YT8A | 131,016 |
| UA7K | 64,059 |
| SQ1NXW | 17,195 |
| OK2BRO | 16,720 |
| SP6LUV | 7,502 |

QRP All Band

| | |
|---------------|---------|
| ES6RW | 846,304 |
| LY9A | 643,456 |
| OMØØR | 433,710 |
| HG6C (HA6IAM) | 273,774 |
| M15JYK | 218,990 |

28 MHz

| | |
|--------------|---------|
| EE3O (EA3O) | 229,080 |
| UZ7M (UT9MZ) | 160,080 |
| IZ1ANK | 57,260 |
| YU7ZZ | 53,040 |
| I2ZKPE | 50,820 |

21 MHz

| | |
|---------------|---------|
| HG1S (HA1DAE) | 248,040 |
| SY1AEA | 156,782 |
| IZ3NVR | 121,506 |
| LY2OU | 83,809 |
| HG3C | 51,653 |

14 MHz

| | |
|--------|---------|
| LY5G | 166,216 |
| YO8RC | 53,196 |
| YO9XC | 25,239 |
| YU1NR | 23,680 |
| GWØVSW | 22,820 |

7 MHz

| | |
|----------------|---------|
| E77Y (E77CV) | 137,936 |
| OK6OK | 97,416 |
| OÙ2V (OZ1FJB) | 58,032 |
| SO55K (SP5FKW) | 49,926 |
| HA3GC | 49,769 |

3.7 MHz

| | |
|----------------|---------|
| OL4W | 112,312 |
| OMØA (OMØAAO) | 89,870 |
| GW8C (MØWLY) | 18,216 |
| OH1LEG | 920 |
| E74FRS (E74MK) | 6 |

1.8 MHz

| | |
|--------|--------|
| HA1TI | 17,088 |
| YO8WW | 779 |
| UR5FEO | 364 |
| UT4UBZ | 312 |

MULTI-OP SINGLE-TRANSMITTER HIGH POWER All Band

| | |
|------|------------|
| LZ5R | 23,513,475 |
| SP8R | 16,212,222 |
| IR6T | 16,160,808 |
| 9A7A | 16,025,310 |
| IB9A | 13,801,808 |

MULTI-OP SINGLE-TRANSMITTER LOW POWER All Band

| | |
|-------|-----------|
| ED7B | 5,408,308 |
| 9A23Y | 3,523,181 |
| ZB2BU | 2,398,312 |
| 9A9J | 2,336,156 |
| LZ8A | 2,067,989 |

MULTI-OP TWO-TRANSMITTER All Band

| | |
|--------|------------|
| ES9UKR | 36,746,300 |
| CR6K | 30,927,879 |
| TM6M | 28,429,640 |
| RU1A | 28,139,600 |
| EI23M | 26,975,888 |

MULTI-OP MULTI-TRANSMITTER All Band

| | |
|-------|------------|
| LZ9W | 33,492,160 |
| 9A5ØP | 33,163,955 |

| | |
|------|------------|
| YT5A | 28,282,584 |
| OT5A | 17,628,450 |
| SK6D | 3,585,688 |

MULTI-OP MULTI-DISTRIBUTED HIGH POWER All Band

| | |
|--------|------------|
| IQ4FA | 21,249,657 |
| OE2S | 4,930,409 |
| MX4Y | 3,276,350 |
| EA4URE | 2,630,484 |
| PA6AA | 2,428,075 |

ROOKIE HIGH POWER

| | |
|--------|-----------|
| DL3ON | 3,944,272 |
| ON7FT | 1,466,135 |
| 9A5TW | 661,181 |
| DD5VL | 354,320 |
| HA5MIG | 348,210 |

LOW POWER

| | |
|---------------|---------|
| ED4J (EA4HKF) | 690,640 |
| MI7DGO | 636,000 |
| SN3J (SP3DAT) | 498,235 |
| OH8RX | 406,296 |
| LZ8GT | 296,100 |

CLASSIC HIGH POWER

| | |
|---------------|-----------|
| IO4T (IK4VET) | 4,838,778 |
| EA3CI | 2,886,464 |
| M4T | 2,800,554 |
| PA4VHF | 2,039,016 |
| EA5KB | 1,028,160 |

LOW POWER

| | |
|--------------|-----------|
| 9A3B (9A1AA) | 1,783,944 |
| IK8UND | 596,359 |
| EW1M | 459,648 |
| F4WDL | 394,918 |
| RL4F | 390,528 |

TRIBANDER/WIRES HIGH POWER

| | |
|---------------|-----------|
| DK8ZZ | 5,329,730 |
| IK3UNA | 4,598,506 |
| IB3M | 4,299,009 |
| OH8K (OH8KXK) | 3,300,654 |
| EW4A | 1,724,378 |

LOW POWER

| | |
|--------|-----------|
| IU4FNO | 2,374,415 |
| RG5A | 1,538,510 |
| 9A9R | 1,355,383 |
| SP3H | 1,179,900 |
| DO4OD | 1,154,636 |

YOUTH HIGH POWER

| | |
|---------------|-----------|
| SO9I (SQ9ORQ) | 6,040,122 |
| YL3JA | 3,389,568 |
| SM5D | 176,415 |
| 9A/TAYLY | 65,514 |
| DM7XX | 20,825 |
| 9A/S54UNC | 322 |

LOW POWER

| | |
|---------------|-----------|
| LY7K | 1,220,102 |
| R3DCB | 551,955 |
| SP3LM | 109,816 |
| EA2ETK | 88,110 |
| SN3G (SP3GTP) | 62,868 |

| Highest QSO Points/QSO by Stations Operating 36 or More Hours | | | | | | | | | | | | | | |
|---|--------|------|---------|------|---------|------|------------|------|--------|------|---------|------|------------|------|
| Category | Africa | | Asia | | Europe | | N. America | | USA | | Oceania | | S. America | |
| Single Op AB HP | CR3DX | 3.44 | C4W | 3.34 | E7DX | 2.91 | VC3T | 3.21 | KA6BIM | 2.67 | VJ4T | 2.84 | PJ4K | 3.29 |
| Single Op AB LP | - | - | TA3NE | 3.47 | TM3Z | 2.30 | HQ2E | 2.49 | N1NQD | 2.34 | YB9ELS | 2.64 | P40L | 3.24 |
| Single Op AB QRP | - | - | JH7UJU | 2.65 | ES6RW | 1.92 | - | - | - | - | - | - | - | - |
| Single Op SB HP | - | - | - | - | ED5R | 3.63 | - | - | - | - | - | - | P43A | 2.90 |
| Single Op SB LP | - | - | - | - | YU5M | 1.33 | - | - | - | - | - | - | - | - |
| Multi-Single HP | - | - | UP2L | 3.25 | IR6T | 2.75 | ZF1A | 2.65 | WO2T | 2.57 | VK4A | 2.86 | PW7T | 2.77 |
| Multi-Single LP | - | - | TC100TC | 3.29 | DK65ERD | 2.37 | VC2W | 2.94 | AD3PA | 2.34 | DX1EVM | 2.11 | LW1F | 2.76 |
| Multi-Two | 9G4X | 2.85 | JH8YOH | 2.79 | TM6M | 2.58 | KL7RA | 2.81 | AG3I | 2.23 | VJ4K | 2.96 | PX2A | 2.95 |
| Multi-Multi | CN3A | 3.52 | AT3K | 2.73 | LZ9W | 2.33 | CY0S | 2.74 | WX3B | 2.37 | NH7T | 3.42 | PJ2T | 3.31 |
| Multi-Distributed | - | - | 9M2A | 2.63 | IQ4FA | 2.24 | WV4LL | 1.96 | WV4LL | 1.96 | - | - | - | - |

| Highest Mults Worked/Total Mults (%) for Stations Operating 36 or More Hours | | | | | | | | | | | | | | |
|--|--------|-----|---------|-----|--------|-----|------------|-----|-------|-----|---------|-----|------------|-----|
| Category | Africa | | Asia | | Europe | | N. America | | USA | | Oceania | | S. America | |
| Single Op AB HP | D4Z | 49% | C4W | 37% | E7DX | 43% | 8P5A | 46% | KQ2M | 41% | VJ4T | 38% | PJ4K | 44% |
| Single Op AB LP | - | - | TA3NE | 25% | TM3Z | 32% | W1RCR | 31% | W1RCR | 31% | YB9ELS | 17% | P40L | 36% |
| Single Op AB QRP | - | - | JH7UJU | 7% | ES6RW | 17% | - | - | - | - | - | - | - | - |
| Single Op SB HP | - | - | - | - | IB9T | 40% | - | - | - | - | - | - | PT5J | 49% |
| Single Op SB LP | - | - | - | - | YU5M | 22% | - | - | - | - | - | - | - | - |
| Multi-Single HP | - | - | P33W | 57% | LZ5R | 54% | ZF1A | 46% | KT5J | 46% | VK4A | 41% | ZP5AA | 42% |
| Multi-Single LP | - | - | TC100TC | 23% | ED7B | 35% | NP3X | 38% | NV9L | 25% | DX1EVM | 9% | PR1T | 31% |
| Multi-Two | 9G4X | 38% | JH8YOH | 31% | ES9UKR | 60% | WP4X | 52% | WR3Z | 40% | VJ4K | 44% | PX2A | 55% |
| Multi-Multi | CN3A | 65% | B7P | 41% | 9A50P | 58% | ND7K | 54% | ND7K | 54% | NH7T | 47% | PJ2T | 47% |
| Multi-Distributed | - | - | 9M2A | 21% | IQ4FA | 51% | WV4LL | 44% | WV4LL | 44% | - | - | - | - |

Figure 6. QSO point and Multiplier Capture Performance Benchmarks

the Low Power Youth Overlay, submitted one of the most accurate logs of any Single Op participant. W1KBN (KF0LNO), age 19, and KC3UII, age 15, were the USA High Power and Low Power Youth Overlay winners respectively.

The Return of the Multi-Ops

Figure 5 shows the breakdown of Multi-Op participation by continent. Activity was up likely due to waning COVID19 concerns. The 60% increases in Multi-Single Low Power and Multi-Two entries is particularly noteworthy.

After missing 3 years, P33W returned to dominant the Multi-Single High Power category. KT5J is making progress in recovering from a recent ice storm damage as evident by from the top USA Multi-Single High Power score. NP3X was the winner of the Multi-Single Low Power category, falling just short of breaking the North America record. NV9L using wires and vertical antennas did mostly search and pounce to secure the top Multi-Single Low power position in the USA. A team of Ukrainian operators received special permission to travel to Estonia and powered ES9UKR to a “memorable and phenomenal” victory in the Multi-Two category. The Multi-Two winner in the USA was WR3Z, back in action after a nine year absence. Congratulations

| Best 10, No Reduction | | Best 10, Single Op, >1000 QSOs | | |
|-----------------------|------|--------------------------------|-------|-----------|
| Call | QSOs | Call | QSOs | Reduction |
| HB9EXQ | 261 | EA3CI | 1,734 | 1.4% |
| ED3Z | 202 | N3FJP | 1,088 | 1.4% |
| KK6ZIZ | 194 | KR4Z (N40X) | 1,565 | 1.6% |
| DF2RG | 183 | VC3T (VE3DZ) | 2,618 | 2.5% |
| DG3NAB | 180 | PA9M | 1,426 | 2.5% |
| N1WRK | 177 | OL0W (OK1DSZ) | 1,058 | 2.5% |
| OU2V (OZ1FJB) | 168 | N0GN | 1,307 | 2.6% |
| WQ5L | 155 | RG5A | 1,276 | 2.6% |
| ON7TG | 154 | LY7K | 1,122 | 2.7% |
| L33M (LU3MAM) | 153 | V26K (AA3B) | 5,162 | 2.8% |

| Best Youth, >500 QSOs | | | Best Rookie, >500 QSOs | | |
|-----------------------|-------|-----------|------------------------|------|-----------|
| Call | QSOs | Reduction | Call | QSOs | Reduction |
| LY7K | 1,110 | 2.7% | KF0IDT | 937 | 3.5% |

| Best Multi-Op by Category, >500 QSOs | | | |
|--------------------------------------|------|-------|-----------|
| Category | Call | QSOs | Reduction |
| Multi-Single HP | W1FM | 1,022 | 1.6% |
| Multi-Single LP | VC2W | 1,519 | 3.3% |
| Multi-2 | DG1E | 774 | 0.5% |
| Multi-Multi | NH7T | 8,293 | 5.6% |
| Multi-Distributed | OE2S | 1,021 | 5.2% |

Figure 7. Exemplary Log Accuracy



Przemek, SO9I (SQ9ORQ), had a peak rate of 174 QSOs / hour as part of his winning Single Operator, High Power Youth Overlay effort!

to the CN3A team who achieved the second highest Multi-Multi score ever recorded, and to ND7K for an impressive Multi-Multi stateside victory. IQ4FA repeated as the Multi-Distributed category, and WW4LL's first outing in the Multi-Distributed category resulted in a second place overall finish and USA victory.

Performance Benchmarks

How do competitive operators maximize their scores in the WPX contests? It often boils down to selecting bands, on-times and operating techniques that maximize QSO point production from multiplier-rich regions. Figure 6 provides



Merzuke operating remotely in her first CQ WPX SSB Contest as 9A/TA7YLY, achieved 4th place in the Single Operator High Power Youth Overlay, and set the record for Croatia. Then she activated YM7KK, achieved 12th place in the Single Operator Low Power Youth Overlay, and set the record for Turkey!



The IQ4FA Team Won the Multi-Distributed Category for the Second Year in a Row! Front to back: IN3IDQ, IU4NIZ, IU4AZC, IU4CSS, IZ4AKO, IZ4UEZ

| Single Op HP Peak Rates | | Single Op LP Peak Rates | | Single Op QRP Peak Rates | |
|-------------------------|------|-------------------------|------|--------------------------|------|
| Call | Rate | Call | Rate | Call | Rate |
| 8P5A (W2SC) | 295 | P40L (W6LD) | 224 | 5B/HA5PP | 98 |
| PJ4K (N6KT) | 271 | ZF2VE (W1VE) | 208 | ZY6G (PY6GOE) | 87 |
| D4Z (E77DX) | 261 | C06LC | 192 | UN4L | 85 |
| KP2M (NN3W) | 249 | PJ7AA (AA9A) | 188 | OL4W | 79 |
| EB8AH (EA8RM) | 247 | TI2JS | 158 | WP4KEY | 72 |

| Youth Overlay Peak Rates | |
|--------------------------|------|
| Call | Rate |
| S09I (SQ9ORQ) | 174 |

| Rookie Overlay Peak Rates | |
|---------------------------|------|
| Call | Rate |
| ON7FT | 144 |

| Multi-Op by Category Peak Rates | | |
|---------------------------------|-------|------|
| Category | Call | Rate |
| Multi-Single HP | P33W | 260 |
| Multi-Single LP | ZB2BU | 193 |
| Multi-2 | PX2A | 434 |
| Multi-Multi | PJ2T | 595 |
| Multi-Distributed | WW4LL | 401 |

Figure 8. Peak 60 Minute Rates

benchmarks for QSO point and multiplier productivity for stations that operated 36 or more hours. The highest QSO points / QSO ratio was 3.63 achieved by ED5R (EA5Z) operating exclusively on 40M using high power, followed by 3.52 produced by the CN3A Multi-Multi team. Log checking indicated that there were 2915 valid multipliers; two thirds of them were logged by CN3A and half by D4Z (E77DX). This seems to suggest that increased multiplier capture remains an opportunity for all.

Log accuracy can be a competitive discriminator and the calls listed Figure 7 were the accuracy role models. Particularly impressive was the Multi-2 effort by DG1E. This five-operator team's log had one incorrect call, one incorrect exchange and no "not in log" penalties out of 774 QSOs. That is operating excellence! Also, congratulations to LY7K and KFØIDT for outperforming many of their more experienced and senior peers. The top three most busted calls were 9A5ØP, ES9UKR and IQ4FA.

Congratulations to the new record holders shown in Figure 9, which includes two new world records and 15 new continental records. PT5J (PP5JR) is now the owner of the Single Op High Power 10M world record, and one must wonder what will happen here as Cycle 25 progresses. The other new world record was set by LY7K (age 25) in the

2023 CQWW WPX SSB PLAQUE WINNERS AND DONORS

SINGLE OPERATOR ALL BAND

WORLD - High Power: Tom Georgens, W2SC Plaque. **Won by:** D4Z operated by Emir Memic, E77DX
WORLD - Low Power: Caribbean Contesting Consortium Plaque. **Won by:** P40L operated by John A Fore, W6LD

USA - High Power: Alabama Contest Group Plaque. **Won by:** Robert L Shohet, KQ2M
USA - Low Power: Terry Zivney, N4TZ Plaque. **Won by:** AC1U operated by Ed Sawyer, N1UR

USA - QRP: Doug Zwiebel, KR2Q Plaque. **Won by:** Charles D Fulp Jr, K3WW
USA Zone 3 - High Power: Adrian Ciuperca, KO8SCA Plaque.

Won by: KT7E operated by Andreas Ziemann, KE7AUB
USA Zone 3 - Low Power: Buz Reeves, K2GL Memorial by Willamette Valley DX Club Plaque.
Won by: David Cherba, WZ8T

USA Zone 4 - High Power: Jerry Rosalius, WB9Z and Val Hotzfeld, NV9L Plaque.
Won by: WK5T operated by Steve London, N2IC

USA Zone 4 - Low Power: Jerry Rosalius, WB9Z and Val Hotzfeld, NV9L Plaque. **Won by:** James J Reisert, AD1C
USA Zone 5 - High Power: Charles Wooten, NF4A Plaque. **Won by:** Roi Anders, K3RA**

EUROPE - High Power: David Siddall, K3ZJ Plaque. **Won by:** E7DX operated by Vlado Lesjak, E7ØT
EUROPE - Low Power: Richard DiDonna, NN3W Plaque. **Won by:** TM3Z operated by Dimitri Cosson, F4DSK
EUROPE - QRP: Walter Skudlarek, DJ6QT Memorial by Rhein-Ruhr DX Association Plaque.
Won by: Rein Kolk, ES6RW

AFRICA: Atilano Oms, PY5EG Plaque. **Won by:** CR3DX operated by Jozef Lang, OM3GI**

ASIA: Chris Terkla, N1XS Memorial by Yankee Clipper Contest Club Plaque.
Won by: UPØL operated by Vladimir Vinichenko, UN9LW

NORTH AMERICA* - High Power: Martin Huml, OL5Y Plaque. **Won by:** 8P5A operated by Tom Georgens, W2SC
NORTH AMERICA* - Low Power: Tim Shoppa, N3QE Plaque. **Won by:** ZF2VE operated by Gerry Hull, W1VE

SOUTH AMERICA: Andrew Faber, AE6Y Plaque. **Won by:** PJ4K operated by Rich Smith, N6KT
SOUTHERN CONE (CE CX LU) - Low Power: LU Contest Group Plaque.

Won by: CW3A operated by Carlos Martinez, CX5CBA
OCEANIA - High Power: Sid Caesar, NH7C Plaque. **Won by:** VJ4T operated by Ken Bawden, VK4QH

CANADA - High Power: Saskatchewan Contest Club Plaque. **Won by:** CF3A operated by Ron Vander Kraats, VE3AT
CANADA - Low Power: Paul Cassel, VE3SY Memorial by Contest Club Ontario Plaque.

Won by: VG2Z operated by Pierre Loranger, VA2CZ
JAPAN: Hamad Alnusif, 9K2HN Plaque. **Won by:** Masa Okano, JH4UYB

ASEAN (3W 9M 9V DU HS V85 XU XW XZ YB) - High Power: Siam DX Group Plaque.
Won by: E2A operated by Champ C Muangamphun, E21EIC

Southeast Asia (ASEAN + 4W, VU4) - Low Power: Pongsakorn E2ONGF and Tana E27EK Plaque.
Won by: E Sri Wahyuni, YB9ELS**

SINGLE OPERATOR, SINGLE BAND

WORLD - 28 MHz: Mamuka Kordzakhia, 4L2M Plaque. **Won by:** PT5J operated by Sergio Lima De Almeida, PP5JR
WORLD - 21 MHz: Stuart Santelmann, KC1F Memorial by W3UA/RA3AA Plaque.

Won by: Jeanpierre Lauwereys, P43A
WORLD - 14 MHz: Lynn Schriener, W5FO Memorial by N5RZ Plaque.
Won by: IB9T operated by Valerio Spagnolo, IU3BTY

USA - 28 MHz: Maurice Schietecatte, N4LZ Plaque. **Won by:** Lionel Mongin, KW7MM
USA - 21 MHz: Maurice Schietecatte, N4LZ Plaque. **Won by:** Velimir Deric, K3JO

USA - 14 MHz: Charles Wooten, NF4A Plaque. **Won by:** WIØWA operated by Mike Kelly, WØEWD
USA - 7 MHz: Yankee Clipper Contest Club Plaque. **Won by:** Krassimir Petkov, K1LZ

USA - 3.5 MHz: Bernie Welch, W8IMZ Memorial by W3ASW Plaque. **Won by:** Steven Sussman, W3BGN

| Category | Region | New Record | | Previous Record | | |
|-------------------------------|--------|---------------|------------|-----------------|------------|------|
| | | Call | Score | Call | Score | Year |
| Single Op High Power 10M | World | PT5J (PP5JR) | 18,766,160 | D4C (I24DPV) | 17,885,556 | 2014 |
| Youth Overlay Low Power | World | LY7K | 1,220,102 | KM4SII | 1,122,498 | 2022 |
| Classic Overlay High Power | AF | EB8AH (EA8RM) | 10,737,115 | CQ3W (DF7EE) | 8,396,544 | 2021 |
| Classic Overlay Low Power | AF | EA8TR | 1,325,038 | CT3IQ | 514,080 | 2022 |
| Multi-Distributed | AS | 9M2A | 2,510,848 | VR2CC | 1,941,192 | 2021 |
| Classic Overlay Low Power | AS | UP7L (UN6LN) | 1,773,551 | R9YU | 771,416 | 2021 |
| Youth Overlay High Power | AS | BG5VAR | 157,215 | JP7X00 | 170 | 2022 |
| Youth Overlay Low Power | AS | BU2GA | 1,113,396 | BX2AHP | 101,996 | 2022 |
| Multi-Distributed | EU | IQ4FA | 21,249,657 | IQ4FA | 14,669,700 | 2022 |
| Multi-Two | EU | ES9UKR | 36,714,728 | OL4A | 36,280,074 | 2014 |
| Youth Overlay High Power | EU | S09I (SQ9ORQ) | 6,040,122 | YT0C | 4,098,870 | 2022 |
| Youth Overlay Low Power | EU | LY7K | 1,220,102 | 9A2ZI | 834,815 | 2022 |
| Classic Overlay Low Power | NA | ZF2VE (W1VE) | 4,895,838 | WP3C (N2TTA) | 3,081,188 | 2021 |
| Multi-Multi | OC | NH7T | 39,067,070 | KH7R | 32,806,032 | 2002 |
| Classic Overlay Low Power | OC | KH6CJJ | 540,940 | YC5AKH | 383,019 | 2022 |
| Single Op High Power All Band | SA | PJ4K (N6KT) | 27,545,174 | PJ4K (N6KT) | 27,353,511 | 2022 |
| Classic Overlay High Power | SA | PJ4R (KK9A) | 12,614,900 | PJ4R (KK9A) | 9,967,888 | 2022 |

Figure 9. New World and Continental Records

EUROPE - 28 MHz: Chuck Dietz, W5PR Plaque. Won by: Rostislav Rimell, OL9Z
 EUROPE - 14 MHz: SJ2W Contest Team Plaque. Won by: Miodrag Jakovljevic, YT3X**
 EUROPE - 3.5 MHz: Ranko Boca, 4O3A Plaque. Won by: Felber Gyula, HA1TJ

SINGLE OPERATOR OVERLAYS

WORLD - Tribander/Single-Element: Tom Francis, W1TEF Memorial by Swamp Fox Contest Group Plaque.
 Won by: Ricardo Martins, CT3KN
 USA - Tribander/Single-Element Low Power: Angel Turpin, EA5Z Plaque. Won by: Art Collins, N3AAA
 EUROPE - Tribander/Single-Element: Val Edwards, W8KIC Memorial by K3LR Plaque. Won by: Zrinko Zibert, DK8ZZ
 WORLD - Rookie: Bud Trench, AA3B Plaque. Won by: Leon Hellmich, DL3ON
 USA - Rookie: G0CKV, OH1VR, OH2BH, OH2KI Plaque. Won by: Fred Roeper, W3FR
 EUROPE - Rookie: Ukrainian Contest Club Plaque. Won by: Jonas Coeckelberghs, ON7FT**
 WORLD - Youth: G0CKV, OH1VR, OH2BH, OH2KI Plaque.
 Won by: SO9I operated by Przemyslaw Balcerzak, SQ9ORQ
 EUROPE - Youth: Latvian Contest Club Plaque. Won by: Kristers Misa, YL3JA**

MULTI-OPERATOR, SINGLE TRANSMITTER

WORLD: Latvian Contest Club Plaque. Won by: P33W operated by RA3AUU RW4WR LZ2HM 5B4AIE OG7F
 WORLD - Low Power: Mike Goode, N9NS Memorial by Hoosier DX and Contest Club Plaque.
 Won by: NP3X operated by WP3C EB7DX N2TTA WP3A
 USA: Steve Bolia, N8BJQ Plaque. Won by: KT5J operated by AI5A N5TJ K5TR
 USA - Low Power: Matt Tatro, NM1C Plaque. Won by: NV9L operated by NV9L WB9Z
 EUROPE: Tonno Vahnk, ES5TV Plaque. Won by: LZ5R operated by LU9ESD LZ1NK LZ1ZF LZ3ZZ
 LZ5DB YO7WC YO9WF

NORTH AMERICA*: Jerry Rosalius, WB9Z and Val Hotzfeld, NV9L Plaque.
 Won by: ZF1A operated by NN1C N2NT K5ZD
 ASEAN (3W 9M 9V DU HS V85 XU XV XZ YB): Uncle Fred Laun, K3ZO Memorial by E21E1C Plaque.
 Won by: 7A0C operated by YB0MZI YD0OVE YD0AUP YD0BIU YC0UI YC0OSU YC0BBJ

MULTI-OPERATOR, TWO-TRANSMITTER

WORLD: Ken Adams, K5KA Memorial Plaque. Won by: ES9UKR operated by ES2MC ES2RR ES5JR ES5MARI
 ES5QA ES5RY ES5TV ES6QC LY1FW RC5A UR0MC UR5ECW UR5YKO UR8UQ US0YW US2YW UW7LL UW8SM
 USA: Florida Contest Group Plaque. Won by: WR3Z operated by N3OC WR3Z W3IDT KC3VBZ
 EUROPE: Rich Strand, KL7RA Memorial Plaque. Won by: CR6K operated by CT1CJJ CT1ILT CT1HXB CT2IMG
 CT2HUU CT7AGE CT7ADQ F4EGZ**

MULTI-OPERATOR, MULTI-TRANSMITTER

WORLD: Sid Caesar, NH7C Plaque. Won by: CN3A operated by IK2SGC IK5AEQ IZ2ZOZ OK1GI OK1JKT OK1NP
 OK1RI OK1VVT OM1RI CN8WK
 USA: Dale Hoppe, K6UA Memorial by HP1XT Plaque. Won by: ND7K operated by KJ6JET K1AR N2NC N2NL NK7U
 K7ZO K6JO N6MJ KL9A W4IX W9KKN K16RRN K7ZS N6WIN

MULTI-OPERATOR, MULTI-DISTRIBUTED

WORLD: Atilano Oms, PY5EG Plaque. Won by: IQ4FA operated by IU4AZC IZ4AKO IZ4COW IZ4UEZ IU4NIZ IU4CSS
 IU4FBU IZ4ORO IK4LZH IU4ICT IU4NDY IK4RQF IK3AES I4AVG IK4SXH IU4OJU IZ4VUS IN3IDQ IU4AOY

CONTEST EXPEDITION

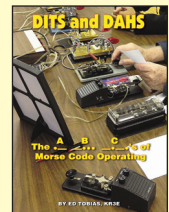
WORLD - Contest Expedition: Gail M. Sheehan, K2RED Plaque.
 Won by: CY0S operated by W2GD W0GJ N2TU K4LE K9CT W4DKS WA4DAN WW2DX

* Applies only to North American stations outside the USA and Canada
 ** Denotes awarded to runner-up in category

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BY ED TOBIAS, KR3E



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Single Op Low Power Youth Overlay. The oldest continental record to tumble was in the Multi-Multi category from Oceania; the NH7T team smashed the previous record set in 2002 by KH7R.

Opportunities for Improvement

Tools and techniques developed by the CQ WW Committee,

along with SDR reviews were used for rule compliance checks. These compliance checks demonstrated that the overwhelming majority of participants played by the rules. A small number of disciplinary actions were warranted for excessive unverifiable QSOs, using assistance in the Classic Overlay, improper power levels, self-spotting, out-of-band QSOs, excessive bandwidth, incomplete exchanges and intentional QRM.



The NH7T Team (left to right: N6CW, K7JA, N6TJ, KH6YY, KH7U and NH7T) smashed a 21-year-old Oceania continental record in the Multi-Multi category. It is sad to note that Chip, K7JA, passed away since this picture was taken – Chip will be deeply missed.



Vlatko, 9A9R - #9 in the Single Op Low Power Category and #6 in the Single Operator Low Power Tribander/Wires Overlay



Sandy, N7RQ – the Exterminator! Number 2 in the USA for the Single Operator, High Power, 15M category

It is likely that Cycle 25's progress will result in even better conditions next year, so strap in for a wild ride...

Participants are also reminded that logs must include valid received and transmitted serial numbers; logs lacking valid received or transmitted numbers are incomplete and are changed to checklogs. Reviews of these incomplete logs suggest that serial numbers are sometimes lost in the conversion of ADIF to Cabrillo 3.0 files. Participants experiencing difficulties with this conversion are encouraged to reach out to the CQ WPX Committee via the contact form available at <<https://www.cqwp.com/contact>>.

Final Thoughts

My thanks go to the CYØS Team as contest activity benefited from the presence of this major DX expedition. It is likely that operators chasing CYØS for DXCC credit also elected to spend time in the contest which was no doubt a factor in the record number of logs received this year.

I would like to acknowledge all the volunteers contributing to the administration of the 2023 CQ WPX SSB contest including 3V8SS, EA4KD, ES5TV, F6BEE, G6NHU, I2WIJ, K1AR, K1DG, K1EA, K5TR, K5ZD, KM3T, KR2Q, LA6VQ, LU5DX, N8BJQ, NM2O, OH6LI, PA3AAV, S5ØA, S5ØXX, WØYK, WA7BNM, and YO3JR. The success of the contest is directly attributable to this team's efforts.

It is likely that Cycle 25's progress will result in even better conditions next year, so strap in for a wild ride on 30 and 31 March 2024 for the next CQ WPX SSB.

(Scores on page 94)



Bill, K5FUV. Single Operator Classic Overlay #9 World, #3 USA



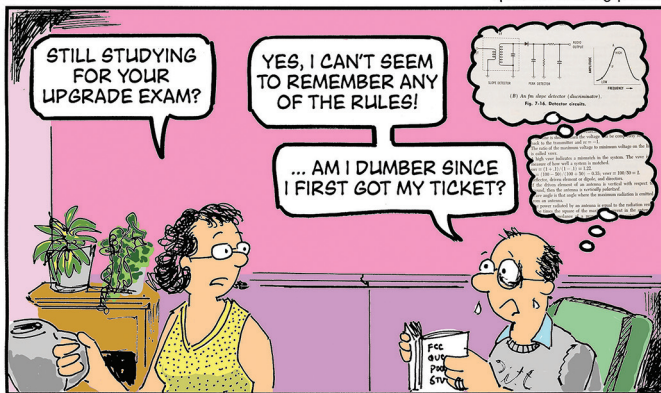
Anton, ED8M (EA8DIG). Single Operator High Power Classic Overlay #3



Ed, KD3NE. USA #2 in the Single Operator, High Power 15M category

SPURIOUS SIGNALS

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spuriouscomic.blogspot.com



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