

2023 World Wide Digi DX Contest

26 August - 27 August

The World Wide Digi DX Contest turned five years old in 2023 and although overall participation was down a bit, it was the best ever as far as propagation goes. If you missed the contest, you missed a good time.

The solar flux stayed consistent throughout the contest at 139 (20 points higher than last year). The A index floated between 5 and 7 and the K index started at 1, briefly went to 3 and settled back to 2, making for very good high band conditions.

Twelve category records fell after this year's contest. New records were set in all six of the 10-meter and 15-meter single band categories as well as in the 20-meter low power (IN3VVK) and QRP (SV1DZB) categories. Better high band conditions also helped in the setting of new records in SOABLP (ZL3IO) and SOABQRP (EE7R). New records were also established in Multi-Two (K6MTU) and Multi-Multi (ZW5B).

1416 logs were submitted containing 239,124 QSOs. There were 977 logs in the all-band categories and 358 logs in the single-band categories. There were 49 checklogs. Checklogs are always important as they assist in log checking. So even if you get into the contest for a casual effort, please always submit your log. That goes for any contest.

SOAB High Power

After taking a year off, Lew, W7EW, won the SOABHP category for the third time in four years. Lew dominated with 865,678 points on 1487 QSOs. His 209 multiplier total was the lowest of the top four competitors but his points-per-QSO average (2.79) was the highest among the top seven. Where he really excelled was his total QSOs and QSO points (4142) while using 2BSIQ (2 bands synchronized interleaved QSOs). He had 300 QSOs more than second place finisher Bud, AA3B. Fifteen meters was the money band for Lew who had this to say "10 was marginal, 15 was stellar and didn't quit until midnight local time". Bet that was fun!

Lew also employed a new "rule" for this year to go along with rule #1 – BIC (butt in chair) "You are not winning if you aren't operating" and rule #2 – "Act loud but have a clean signal". New rule #3 is "Understand your mode and know propagation. FT8 hears better than FT4. This Digi-Wigi contest is all about working DX which means hearing them well enough to make a QSO during the first interactions. I did not make or attempt any FT4 QSOs during this contest."



Lew, W7EW, 1st Place Single Operator All Band High Power

Bud, AA3B, came in second. He had 657,306 points on 1186 QSOs. His strength was in multipliers where he had the highest among any single operator at 234. Bud's log was nearly 75% FT8. Here are Bud's comments "I employed the full planning process that I use for other major contests. This includes reviewing previous logs (mine and competitors), setting goals, using VOACP to predict propagation, creating an hourly operating plan and generating hourly QSO targets; all these served me well. I started off the contest using FT4 but became frustrated with all the repeats resulting in greater emphasis on FT8. I spent a fair amount of time operating in the "typical" FTx sub-bands which always seemed to be active. "



Bud, AA3B, 2nd place Single Operator All Band High Power

Boyan, LZ8E, had only one less QSO than Bud and finished 3rd with 630,282 points. Boyan's log consisted of 70% FT8. Boyan was boosted by activity to the east "Good conditions on high bands and amazing activity from Far East and Asia. 364 QSO's with YB, JA, BY compared to 208 USA contacts." Last year's winner, Tyler, K3MM, was a close 4th with 602,405 points and 1252 QSOs. Taka, JH4UTP, rounded out the top five with 415,214 points.



Boyan, LZ8E, 3rd Place Single Operator All Band High Power

SOAB Low Power

In his first-ever WW Digi Contest, Holger, ZL3IO, overpowered the competition by using his Oceania QTH location advantage to win the SOABLP category with 652,834 points on 721 QSOs and achieve a new category record. His total score was third highest among all single operators behind only W7EW and AA3B. Holger's five points-per-QSO average was the winning formula. In addition, his score reduction was a mere 1.4% after log-checking. Having a big antenna farm helped too. (Check it out on QRZ.COM.) Holger had this to say about band conditions "15m short path into Europe was wide open until 11 pm local time and their signals boosted to levels like a local station after 9 pm." It also didn't hurt that the band was open. He also commented "I like the distance-based points as this gives us down under a chance to be competitive."



Holger,

ZL3IO, 1st Place Single Operator All Band Low Power

In what might be arguably one of the most impressive result of the contest is that of Steven, N8HRZ, who finished 2nd with 521,380 points on 1328 QSOs from Ohio. His QSO total was second highest among all single operators behind only W7EW. Then there's this, as Steven explains "22 long hours of search and pounce (S&P). Did not call CQ once". Could this S&P strategy be a secret to success? It certainly worked for Steven.

After winning SOABLP the past two years, Ron, WV4P, finished third with 407,442 points on 936 QSOs from Tennessee. Dave, KA6BIM, was fourth for the second year in a row, with 374,940 points on 813 QSOs from Oregon. Close behind in 5th place was Ricardo, CT3KN, with 359,936 points.



Dave,

KA6BIM, 4th Place Single Operator All Band Low Power

SOAB QRP

Kiko, EC7KW, signing as EE7R, obliterated the competition in the single operator all band QRP category and his score of 154,513 points is a new category record. He managed 448 QSOs and 149 multipliers. It's obvious he concentrated on DX because his 2.3 points-per-QSO was a half point higher than 2nd place finisher N4FUR. Kiko's only comment was "is very difficult in the category". Yes, Kiko, but you certainly made it look easy.

William, N4FUR, located in Florida, moved up to second place from fourth place last year. He improved in every aspect. His score of 88,854 was a 40% improvement and he increased his multipliers by 31%. It was his multiplier total that made the difference over 3rd place finisher Huub, PA3EOU, as they were separated by only 20 QSOs and nearly identical points-per-QSO. William had 118 multipliers to Huub's 101. Mel, YV6BXN, finished 4th with 54,400 points and Dave, WA3LXD, was 5th with 51,522 points.



Mel, YV6BXN, 4th Place Single Operator All Band QRP

Single Op Single Band 10 Meters

Ten-meter single operator single band logs nearly doubled over last year with 70 submitted. In the high power category, Luciano, PY5KD, operating remotely this year, was a repeat winner and won in a landslide over the rest of the field. His score of 169,193 points on 572 QSOs was 100k more than his winning score last year. Remarkably, after log-checking, his score reduction was a only 1.2%. Second place went to Chuck, W5PR, with 49,662 points and 263 QSOs from Texas. Milos, S53X, finished 3rd with 244 contacts and 35,464 points. Vassilis, SV1AZL, was 4th and Martin, G2M (G0HDB), placed 5th.



Luciano, PY5KD, 1st Place Single Operator Single Band 10M High Power



Chuck, W5PR, 2nd Place Single Operator Single Band 10M High Power



Vassilis, SV1AZL, 4th Place Single Operator Single Band 10M High Power (Liza pictured)



Martin, G2M (G0HDB), 5th Place Single Operator Single Band 10M High Power

In the 10-meter low power category, Dominik, 3D2USU, moved up from second last year to win this year and he tripled the category record score. He had 51,277 points on 277 contacts and his score reduction was a mere 1.1%.

Only 103 points separated 2nd and 3rd places with Willy, CE1WGM, edging out last year's 2nd place finisher YL Halina, SQ6H. Willy had 37,000 points on 254 contacts compared to Halina's 36,897 points on 277 contacts. Despite more contacts and multipliers, Halina was unable to overcome Willy's 3.64 points-per-QSO rate.

In her first WW Digi Contest, Natalia, LU4DJB, operating as AZ1D placed 4th with 31,746 points. Fifth place went to John, IK4LZH, with 28,208 points. In all, the top 9 finishers in the category surpassed the old record.



Natalia, AZ1D (LU4DJB), 4th place Single Operator Single Band 10M Low Power

The 10-meter QRP category was won by Yuri, UT1IC, with 17,457 points on 186 contacts. Tosi, JA6VZB, was 2nd with 11,544 points on 137 QSOs. Ismail, TA1BM, was 3rd, Marcello, PY2MLO, was 4th and Viktor, SP8IDX, was 5th.



Ismail, TA1BM, 3rd Place Single Operator Single Band 10M QRP



Medina, PY2MLO, 4th Place Single Operator Single Band 10M QRP



Victor, SP8IDX, 5th Place Single Operator Single Band 10M QRP

Single Op Single Band 15 Meters

Eugenio, CX7SS, repeated as winner of the 15-meter high power category with a new category record of 140,460 points on 533 QSOs. Eugenio explained that he had more time to prepare for this year's contest and therefore was able to top his previous year score by more than 22k points while averaging nearly 4.4 points per QSO.



Eugenio, CX7SS, 1st Place Single Operator Single Band 15M High Power

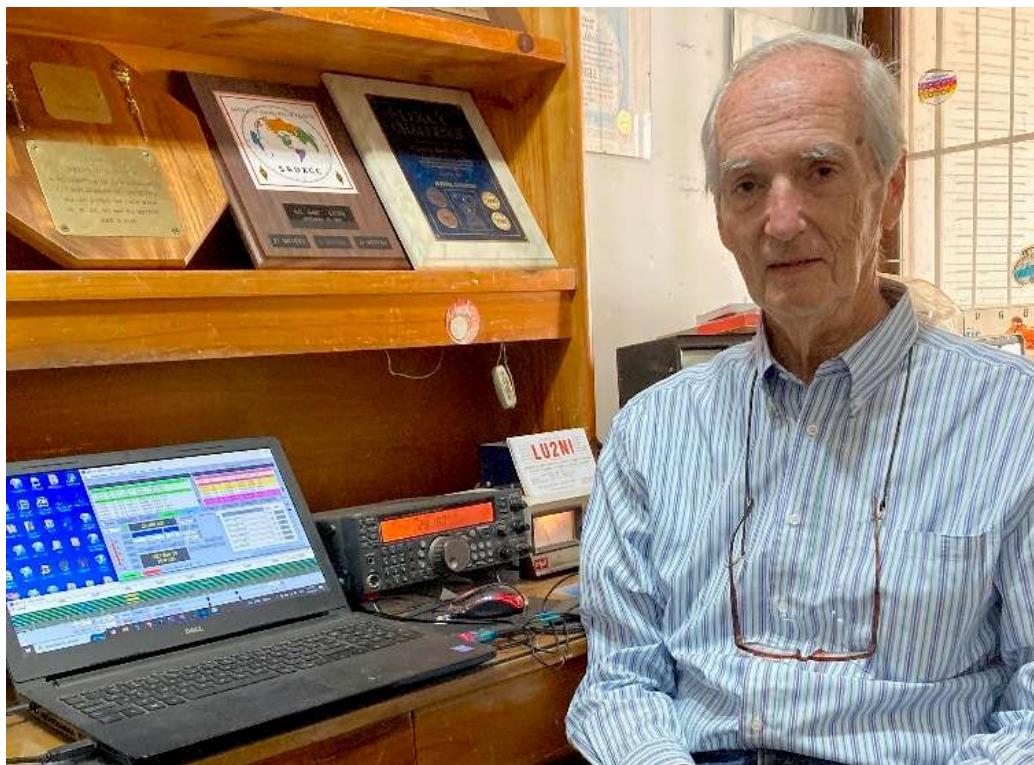
In 2nd place was Pete, SG5Z (SM5GMZ) with 65,270 points and 455 QSOs. 3rd was Nori, JH0WJF, with 51,450 points on 397 QSOs. John, PY2GTA, was 4th and Luciano, PY3LZ, was 5th.



Luciano,

PY3LX, 5th Place Single Operator Single Band 15M High Power

The 15-meter low power category had two of the closest finishes in the contest with 1st Place winner Carlos, LU2NI, coming out ahead of 2nd place finisher Victor, TI1I, by only 21 points. Despite Victor having 100 QSOs more than Carlos, and nearly identical multipliers and QSO points, Victor could not overcome Carlos' 4.0 point-per-QSO rate (Victor had 3.17). This was Carlos' second WW Digi Contest and he decided on a single band entry due to antenna problems on the other bands.



Carlos, LU2NI, 1st Place Single Operator Single Band 15M Low Power



Victor, TI1I, 2nd Place Single Operator Single Band 15M Low Power

Third place went to Tine, S50A. Finishing 4th was Francisco, PU2UAF.

In the 15-meter QRP category, Stefano, IZ3HVR, won with 23,040 points on 240 contacts “Activity on 15m was almost around the clock both in FT8 and FT4.” Matt, OZ6OM, was 2nd with 13,244 points and Adam, SP4LO, was 3rd with 7,582 points and 134 QSOs. Wang, BG6VBM, was 4th and Yuri, UR0IM, was 5th.



Stefano, IV3NVR, 1st Place Single Operator Single Band 15M QRP



Adam, SP4LO, 3rd Place Single Operator Single Band 15M QRP

Single Op Single Band 20 Meters

Daniel, VK4AFU, won the 20-meter high power category with a convincing win over the rest of the field. He managed 456 QSOs and 132,780 points. Daniel didn't think conditions on 20 were all that great. This is what he had to say "This contest was the most interesting. Band conditions were not so good but did stay up all night".



Daniel, VK4AFU, 1st Place Single Operator Single Band 20M High Power

In second place was Giuseppe, KE8FT, in California with 51,576 points and 325 QSOs. Franco, HB9OAB, was in 3rd place.

Tom, N3MWQ, in Delaware proved that you don't need a big yagi on 20 meters to do well. He used 300 watts to a dipole to take 4th place. Taka, JR4VEV, was fifth.



Tom, N3MWQ, 4th Place Single Operator Single Band 20M High Power

Paolo, IN3VVK, won the 20-meter low power category. He made 575 contacts and scored 93,730 points using a homebrew yagi from his QTH 1600m above sea level in northeast Italy. This seems like another good strategy – get your antenna as high above sea level as possible.

Second place went to Minor, T11E, with 81,380 points on 530 QSOs followed by Ivan, LZ2INP, in third. Fabio, PY2TC, was 4th.



Fabio, PY2TC, 4th Place Single Operator Single Band 20M Low Power

Mike, K7STO, in Washington state was 5th. Mike says this is the first time he spent 24 hours in the chair “I must say after 20 hours I fell asleep and woke up about two hours later. It took a few minutes to remember what I was doing on the radio.” Don’t feel alone Mike, it happens to the best of us.



Mike, K7STO, 5th Place Single Operator Single Band 20M Low Power

Manos, SV1DZB, moved up from 3rd place in 2022 to win the 20-meter QRP category. He nearly quadrupled his score from last year with 12,639 points on 251 QSOs. Hugo, EA4HWT, was 2nd with 8,370 points and 181 QSOs. Joshua, N9GQA, relied heavily on DX contacts to grab 3rd with 67 contacts and 4,825 points but had a 2.88 points-per-QSO average which was one point higher than anyone else in the category. He was using a SteppIR DB18E yagi at 75'. Stephen, N8URE, repeated in 4th with 4,669 points and John, KO1H, rounded out the top five with 1,960 points.



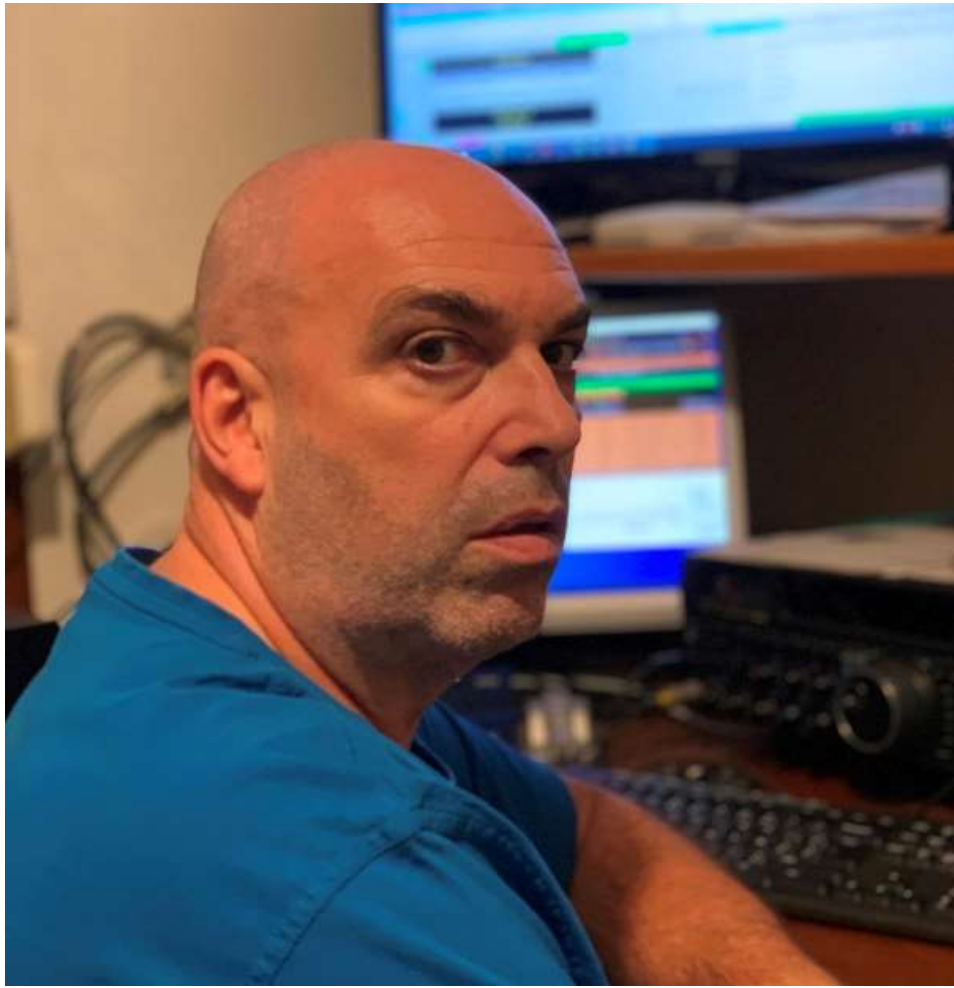
Manos, SV1DZB, 1st Place Single Operator Single Band 20M QRP



Joshua, N9GQA, 3rd Place Single Operator Single Band 20M QRP

Single Op Single Band 40 Meters

Dick, K9OM, overwhelmed the rest of the field in the 40-meter high power category with 70,089 points on 553 QSOs. Neal, K4EA, was 2nd with 268 contacts and 28,530 points. There was nearly a dead heat for 3rd with Wim, ON5LW, edging out Adam, W3PAX, with 18,632 points compared to 18,278 points for Adam. David, AD4TJ, repeated in 5th place with 13,736 points



Wim, ON5LW, 3rd Place Single Operator Single Band 40M High Power

In 40-meter low power, Yoshi, JE7KJG, improved from his 2nd place finish last year and was Japan's only category winner 24,672 points on 177 QSOs. In 2nd place was Jerzy, SN8Z (SP8KP), with 20,832 on 262 contacts. In 3rd was Stuart, ZL3ART, who relied on his 4.12 points-per-QSO average to snag third place with 12,478 points on 89 QSOs.

Good friends Brian, K9TI, and Tom, WA8ZNC, duked it out for 4th and 5th places. They kept track of each other on contestingonlinescore.com. Brian was forced to operate from his home station while his contest station was going through upgrades. Despite that, Brian came out in 4th with 11,187 points while Tom ended with 9,204 points for 5th. Tom said "One of the most fun contests I have had in a long time".



Yoshi, JE7KJG, 1st Place Single Operator Single Band 40M Low Power



Brian, K9TI, 4th Place Single Operator Single Band 40M Low Power



Tom, WA8ZNC, 5th Place Single Operator Single Band 40M Low Power

There were only 8 entries in 40-meter QRP and the top two finishers were very close. Marko, 9A4AA, beat out Yudi, YF7RDM, for the top spot with 1,664 points compared to Yudi's 1,566 points. Mune, JH3DMQ, was 3rd with 952 points.



Yudi,

YF7RDM, 2nd Place Single Operator Single Band 40M QRP



Gabriel, EA3AKA, 5th Place Single Operator Single Band 40M QRP

Single Op Single Band 80 Meters

There were only 4 entries in the 80-meter high power category. Dmytro, UT3N (UT3NK), won the category with 4,700 points followed by Iztok, S52D, with 3,660 points. Sergey, UT3UA, was 3rd with 2,375. Tomas, OL6Q (OK1DWQ), finished 4th.



Dmytro, UT3N (UT3NK), 1st Place Single Operator Single Band 80M High Power



Tomas, OL6Q (OK1DWQ) with son, 4th Place Single Operator Single Band 80M High Power

There were 5 entries in 80-meter low power category where Stepan, RA1M, came in 1st place. Nicola, VA2VT, was 2nd and Pawel, SQ9PPT, was 3rd.



Nicolas, VA2VT, 2nd Place Single Operator Single Band 80M Low Power



Gun, YD3BWK, 5th Place Single Operator Single Band 80M Low Power

There were no entries in 80-meter QRP.

Single Op Single Band 160 Meters

Trey, N5KO, was the lone entrant in the 160-meter high power category. In the low power category, Art, N3AAA, repeated as winner. He came out on top over Toshi, JJ1WWL, in 2nd, and Panga, ER3KAZ (ER3PM) in 3rd. There were no 160-meter QRP entries.



Panga, ER3KAZ (ER3PM), 3rd Place Single Operator Single Band 160M Low Power

Multi-Single High Power

There was close competition in the Multi-Single High Power category where OK1KSL (OK1AHJ, OK1DIN, OK1FAK, OK1IVE, OK3PJ and OK5MCA) moved up from 3rd place last year to win the category by a slim margin (about 7.5k points) over K9YY (K9YY & KG9OV). The difference was QSO points as OK1KSL only had 15 more QSOs and 8 less multipliers than the second place team. The points-per-QSO for the winners was 2.32 compared to 2.20 for K9YY. OK1KSL had 304,972 points on 805 QSOs compared to 297,540 points on 790 QSOs for K9YY.

It was actually close for all of the the top five as they were separated by only 60k points and 13 multipliers. In 3rd was last year winning team NV9L (NV9L & WB9Z) with 268,785 points. In a very close finish for 4th was NA5NN (W5UE, K2FF, N5YT, KI5ZYU and KJ5AEI) in 4th with 241,898. DA0RR (DG6YID & DF8XC) was 5th with 240,476 points.



OK1KSL 1st Place Multi-Single High Power (left to right) Jaroslav OK1AHJ, Ivo OK1IVE, Petr OK3PJ, Pavel OK1DIN, Svoimir OK1FAK)



K9YY 2nd Place Multi-Single High Power Ron K9YY & Tony KG9OV

Multi-Single Low Power

The Multi-Single Low Power category was dominated by European stations. Coming out on top was OE1XTU (OE1GAQ, OE4MQW, and OE1KDK) from the Vienna University of Technology. Team leader Gerald, OE1GAQ, said they really enjoy multi-operating the digital modes so they can discuss strategy while operating (something that is obviously difficult to do running SSB or CW). They scored 199,938 points on 696 QSOs.

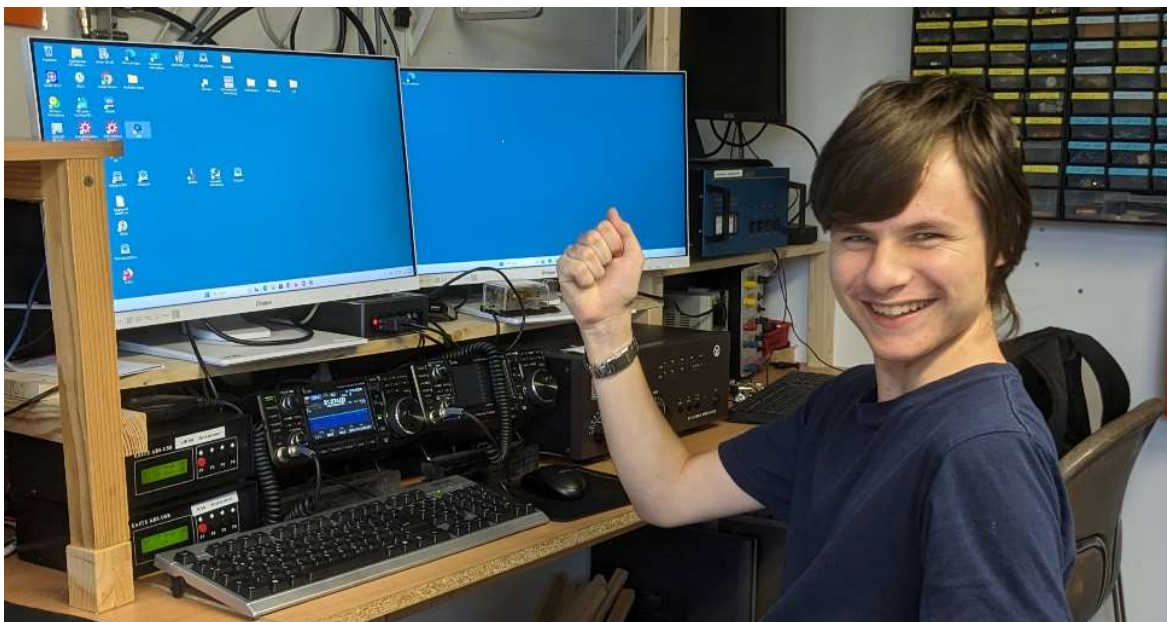
In 2nd place was HB9OK (HB9OCR & HB9OBD). They made 616 contacts and scored 129,024 points using a very basic setup of an Icom IC-7300, a tribander, and a dipole for the low bands. Third place went to DN5MT (DN5MT & DF9VI) with 95,800 points and 408 contacts. G6RST (2E0HES, M0V VX, G0IEY, M7XAP, G7SQC, G0WEJ, M7DGH, M0XUE, M3DCJ and G8IQL) finished 4th despite admitting they were quite “inexperienced” and this being their first WW Digi Contest. Rounding out the top five was OK1RDU (OK1HRD & OK1DC).



OE1TXU (Manfred OE4MQW, Gerald OE1GAQ and Dieter OE1KDK), 1st Place Multi-Operator Single Transmitter Low Power



HB9OK (Marco, HB9OCR shown), 2nd Place Multi-Operator Multi-Transmitter Low Power



DN5MT (17-year old team member DN5MT shown), 3rd Place Multi-Operator Single Transmitter Low Power



Some of the G6RST team members, 4th Place Single Operator Single Transmitter Low Power

Multi-Two

Many contest stations are operated remotely these days. Such is the case of the K6MTU team (NN6U, ND2T, K6UFO, W0YK and K6TD) in California who took top honors in the Multi-2 category in a close race with BY1RX (BH3DHE, BG6BHA, BD1KV, BI1NJK, BH3QBY, BA1AJ, BD1GO and BD1RX). BY1RX had 134 more QSOs and nearly 300 more QSO points, but the difference was multipliers. K6MTU had 29 more multipliers. The final score for K6MTU was 492,156 points on 975 contacts compared to 468,936 points on 1109 contacts for

BY1RX. Both teams surpassed the old category record and had nearly identical points-per-QSO averages of 2.58 and 2.53 respectively. BY1TX team member Niu Yong, BH3DHE, said they were disappointed after they saw the raw scores after the contest, but vowed to come back next year.

Following in 3rd place was WA3EKL (WA3EKL, KB3VQC, and N3DPB) with 192,360 points. Fourth was E2K (E25CRF, HS1BJP, HS2AQG, HS2SXE and HS4OFE) with 75,294 points.

Fifth place went to IQ4RA (IU4QTF & IK4ICZ) with 24,633 points. Team leader Martino, IU4QTF, had to convince Roberto, IK4ICZ, to operate the contest with him. Roberto wasn't so sure at first saying "Mmmm a contest...I don't like contests, any contests", then after the event, he changed his opinion into "Wow that was fun, can we do it again next year?" Yes, Roberto, you sure can do it again next year and we all hope you do.



BY1RX (Front: BD1RX Shujiang Zhang, BD1GO Qinyong Bao, BA1AJ Yongjian Sheng. Back: BG6BHA Ying Yuan, BD1KA Gang Xu), 2nd Place Multi-Operator Two Transmitters



IQ4RA (IK4ICZ left and IU4QTF right), 5th Place Multi-Operator Two Transmitters

Multi-Multi

ZW5B (PY5CC, PY2NDX, PY5KD, PU2XDX, PY5XT, PY5GU, PY5EG, PY5RF, PY5HSD and PU2DXD) won the Multi-Multi category for the 5th year in a row. Taking advantage of premium high band conditions, they smashed their previous category record, set last year, by over 1.3M points. They ended up with 3,616,089 points on 2666 QSOs. Finishing 2nd for the third year in a row was K1SFA (K1TTT, K1NZ, K1SFA, WA2BOT, WT5A, K1MK, WT2P, N0GJW, K2IW and W1TO) who had their highest score ever of 1,155,708 points and 1975 contacts. Third place went to NF3R (NF3R & KA3G), who moved up from 4th place last year. 7I6O (YB6RMT, YB6UAK, YB6UAF, YB6HPE, YB6HSK, YC6HRI and YC6IOV) was fourth and 9M8J (9M8HAZ, 9M8WIN, 9M8LIW, 9W8ZZK, 9W8MIQ, 9W8BAT and 9W8VYY) was fifth.



K1SFA (Khrystyne, K1SFA) 2nd Place Multi-Operator Multi-Transmitter



9M8J (Left-to-Right behind: 9W8MIQ, 9W8BAT, 9W8VYY, 9W8ZZK front: 9M8WIN (team leader), 9M8LJW, 9M8HAZ), 5th Place Multi-Operator Multi-Transmitter

Final

With 25 different categories, is there room for more? Next year, the contest will include an Explorer category. Explorer is a category where entrants can experiment and “explore” new contest techniques not covered by the rules. The contest activity is a test bed for operating not allowed by current rules. As an example, it’s an opportunity for a single operator to operate multiple radios on different bands in what could be considered a single operator, unlimited or multi-transmitter operation. Digital mode contesting allows for these types of

techniques easier than CW or SSB. More information on this Explorer category will be included in the 2024 rules.

Thanks to all the plaque sponsors. This year we have 24 categories with plaque winners. Plaques for WW DIGI DX Contest are usually sent to winners within a month after official results are posted. There is a list of plaques and their sponsors in WW DIGI page. A number of categories of the contest are not covered by plaque sponsors yet. If anybody would like to sponsor a plaque (plaques are very nice - picture of it is on WW DIGI Plaques page at <https://ww-digi.com/plaques>). Please contact plaques@ww-digi.com if you are interested in sponsoring a plaque. Sponsorship fee for plaques is \$65.

It seems FT4/FT8 digital contesting is still catching on. If you look at the FT frequencies on any given day, you will find them jam-packed with signals. So far this has not translated into larger numbers in the WW Digi DX Contest, but perhaps it's due to people not knowing about the contest. Look for there to be more of an effort to increase participation next year. You can help by promoting the contesting through your local club. Thanks to everyone for making the 2023 WW Digi DX Contest another success. See you next year.

2023 Photo Gallery



Randy, K5ZD, placed 6th Single Operator All Band High Power



Arturo, LU6ETB, 6th Place Single Operator All Band Low Power



Marcus, DM8MH, 7th place Single Operator All Band Low Power



Masa, JH4UYB, 8th place Single Operator All Band Low Power



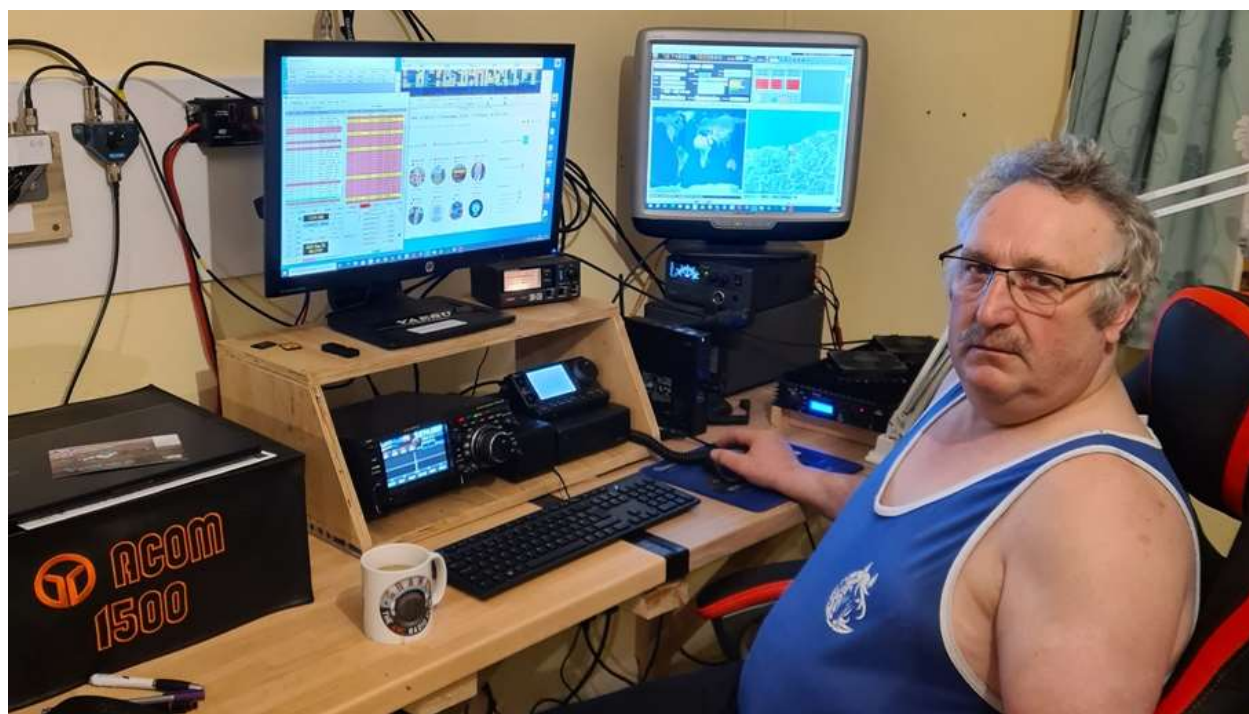
Gennady, UN7EG, 9th Place Single Operator All Band QRP



Nao, JG8TDZ, 6th Place Single Operator Single Band 10M High Power



Carlos, TI1T, 6th Place Single Operator Single Band 10M Low Power



Bobby, VP8WA, 8th Place Single Operator Single Band 10M Low Power



Andy, DF3IAL, 8th Place Single Operator Single Band 10M QRP



Daniel, PY2TDB, 9th Place Single Operator Single Band 10M QRP



Xin, BH3BFE, 7th Place Single Operator Single Band 15M High Power



Joel, VE6WQ, 9th Place Single Operator Single Band 15M High Power



Rio, YB9UA, 8th Place Single Operator Single Band 15M Low Power



Mike, 5P1KZX, 9th Place Single Operator Single Band 15M Low Power



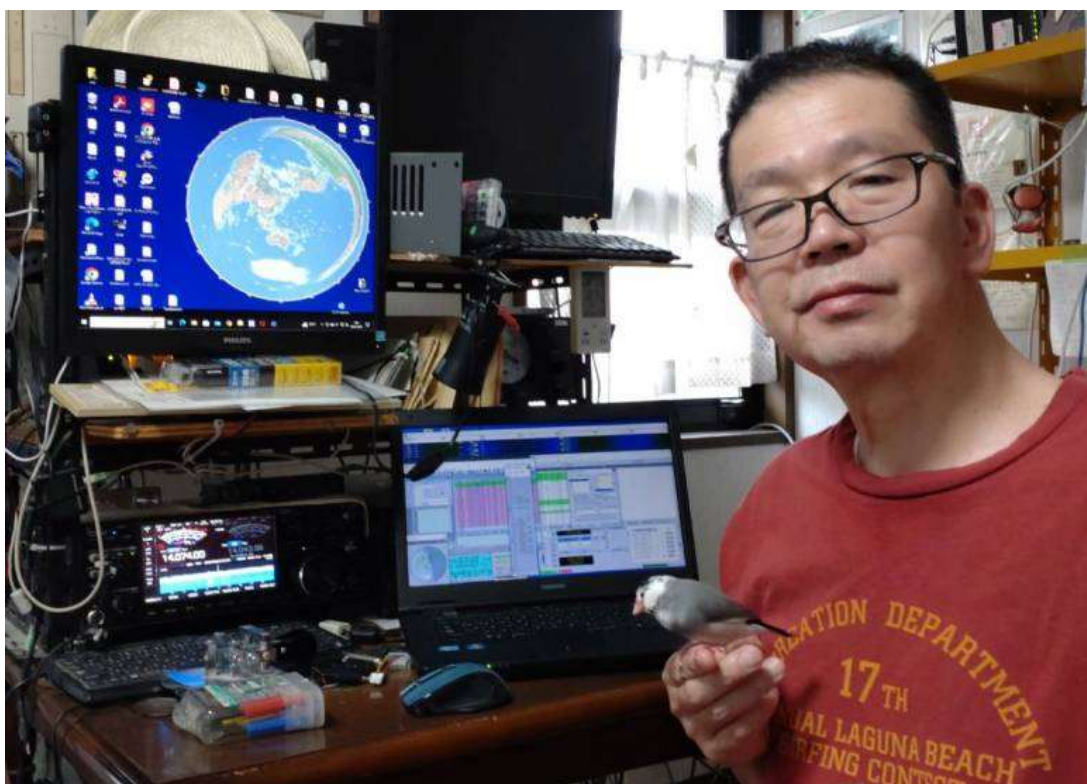
Suryanto, YC2XCD, 10th Place Single Operator Single Band 15M Low Power



Stan, SP4NKJ, 7th Place Single Operator Single Band 15M QRP



Adam, W3TTT (left – with his father John AA1K), 8th Place SOSB 15M QRP



Mako, JF3PNQ, 6th Place Single Operator Single Band 20M High Power



Herman, S51NM, 7th Place Single Operator Single Band 20M High Power



Ruben, LV1E (LW6EQG), 6th Place Single Operator Single Band 20M Low Power



Rizal, YB6EN, 7th Place Single Operator Single Band 20M Low Power



Erwin, DH9DX/P, 7th Place Single Operator Single Band 20M QRP



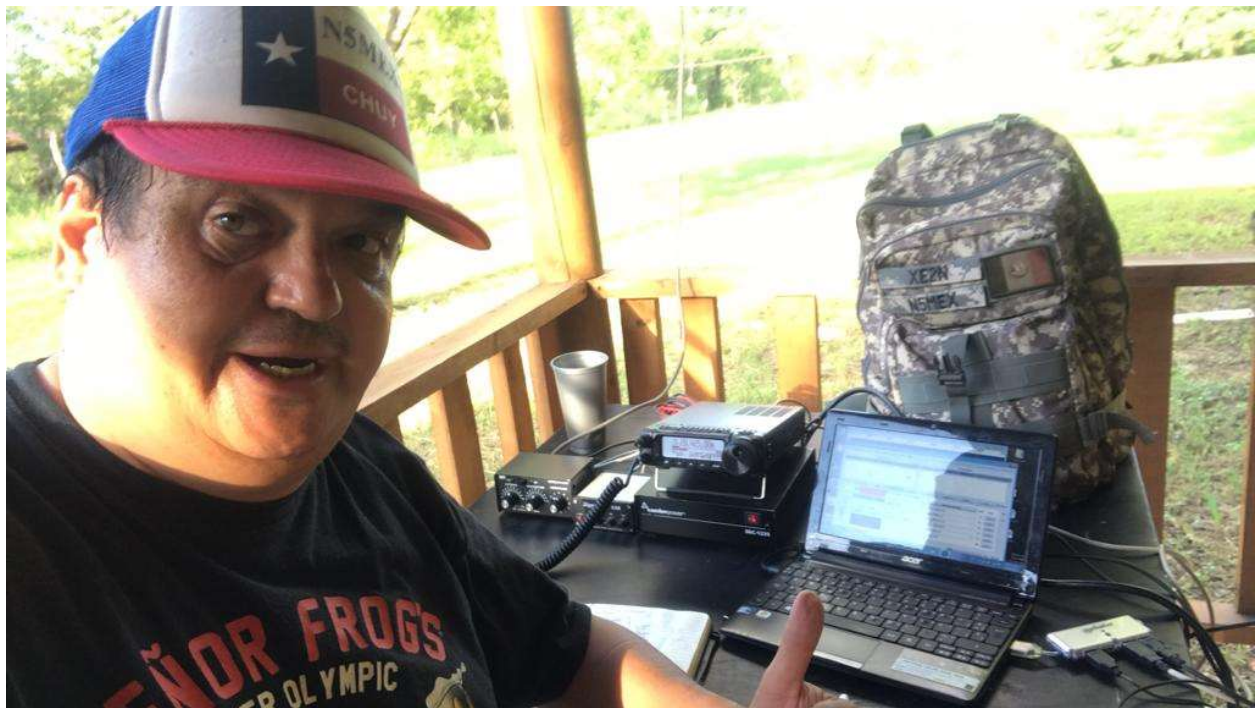
Ma Shuo, BH2VSQ, 9th Place Single Operator Single Band 20M QRP



Syamsu, YD8NEH, 7th Place Single Operator Single Band 40M Low Power



Tarmo, ES1TAR, 9th Place Single Operator Single Band 40M Low Power



4A2MAX team member XE2N, 10th Place Multi-Operator, Single Transmitter, Low Power



4A2MAX team member XE2OK, 10th Place Multi-Operator, Single Transmitter, Low Power



4A2MAX team member XE2T, 10th Place Multi-Operator, Single Transmitter, Low Power



4A2MAX team member XE2W, 10th Place Multi-Operator, Single Transmitter, Low Power