



February 2025

Editor: Kevan Nason, N4XL

Thank you to our group leadership:

President – Ed, K3DNE

Vice President - Dave, WN4AFP

Treasurer – Scott, KG9V

Secretary – Kevan, N4XL

Web Master – Frank, KG4IGC

SFCG Webpage: swampfoxcontestgroup.com

Welcome KD4D

Please welcome Mark KD4D to the Swamp Fox Contest Group. Mark comes to SFCG with a plethora of contesting experience! Mark has returned to SC after 40 years. He most recently lived in MD and (like SFCG members; K4RLC, WA2BCK, K2SX and myself) is a member of PVRC. Mark often operates from his home station, frequently from the W3LPL multi-op super-station in MD, NR4M multi in VA, VP2VMM, IR7T (2022 IARU) and others. Mark now lives in Clemson and states his favorite mode is CW and favorite contests are WAE and CQ 160 CW. I'm looking forward to what Mark's plans are for a station and contest operating in SC.

Mark: Welcome to SFCG!

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Ed K3DN

Editor's Note: Mark is an exceptional contester Some examples... His WRTC 2022 qualification rating was #5 in the U.S. He and his partner KE3X placed 12th of 58 in the actual WRTC event. Although he only put 28 hours into the 2014 CQWW SSB DX contest, he still placed 3rd in the

U.S. and 7th World. And Mark placed 1st U.S. and 4th World in the 2023 CQ 160 contest. Welcome Mark.

Welcome KS4VJ

Please welcome new member Vikki KS4VJ. Vikki is the XYL of SFCG member Dave KE4EA. She was first licensed in the late 60's as WN9BEA but over time, kids and life happened and her license lapsed. In the fall of 2015 she and Dave decided to re-license and enjoy our hobby in retirement and she now holds an Extra. In retirement, she keeps very busy raising and selling african violets, mostly on eBay. Vikki and Dave live in Spartanburg, have 4 kids, 12 grandkids and one Havanese (Shelby but sometimes they refer to as K9DOG). She's a member of Greer ARC, SCDXA and NCDX & Contest Club. Like Dave, she's also a VE. Her Station: IC7610, IC-7200, FTdx-1200 (she won in 2016 at the W4DXCC Convention). Dave's QRZ page states the antennas include: an Endfedz EF-Quad for 40, 20, 15, and 10 meters up about 50 feet. Also running an 80 M endfed half wave. There is a 60 foot tower and SteppIR beam waiting to go up soon. Vikki enjoys QSO parties, operating FT8 and FT4 and is looking to become active on RTTY in the near future! Vikki: Welcome to the Swamp Fox Contest Group!

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Ed K3DNE

Contest Tips:

SFCG Member Tips	
Tip	From
If during a domestic contest the bands are too long to reach a multiplier only a state or two away you can try to snag them using backscatter. That usually happens by bouncing your high band signal off a faraway mountain range like the Rockies or the mountains down in South America. For examples, I remember successfully using this on 10 meters to work stations in New England, Canada, and Maryland pointing west; and K4BAI in Georgia while he was working South American stations. Ideal conditions for success are the other station is calling CQ, they are not getting answers so your very weak signal doesn't have to fight stronger stations, and the bands are quiet enough that you can be heard above the QRN. Don't waste too much time trying though. Remember... Rate is King.	N4XL

<p>If you have any doubt you copied their call wrong it is better not to log them than take a chance. In every contest I can think of right now, not only will you lose both the points from that contact, but you will also be penalized extra points for being wrong. In many contests you can get away with guessing at the exchange because there isn't a penalty for making a wrong guess on that. Yes, you still lose the points for a guess, but you would have lost those points anyway if you simply didn't log them because you weren't sure. Read the rules before every contest, even if you've done it 10 times, and be sure to pay particular attention to the section on penalties.</p>	<p>N4XL</p>
<p>I have observed many "second tier" (and others down through the neophyte ranks of) contesters think that there is some set of winning "tricks" that the "first tier" contesters use to beat them, and if only someone would let them in on these terrific secrets, they would be first rate contesters themselves. These people are setting themselves up for disappointment, because I'm going to let them in on the biggest secret of all: "There are no secrets!" It turns out, as with most things in life, that skill and hard work pay the most reliable dividends in the long run.</p>	<p>N5KO (From a 1996 reflector post)</p>
<p>Treat digital (FT* modes) contests the same way you would SSB or CW. If you're doing S&P, don't spend a lot of time on one station, even if it is a rare mult. I will generally call twice and move on. The nice thing about WSJT-X is it will pick up where you left off if the station replies a couple cycles later.</p>	<p>KA2G</p>
<p>If you use N3FJP, be aware of the setting to block contest duplicates. Unless it has changed, that will cause stations to not show up in the spot list if you've worked them on another band.</p>	<p>KA2G</p>
<p>What I did early in my contest career was analyze logs.</p> <ul style="list-style-type: none"> - First I analyzed my last year's log, then I did that with DL's or EU's that beat me or were close behind me. I wanted to learn what they did differently from me. - I made plans on which band I must go at which time, according to the above analysis or where I expect bands to open. - I made a break plan when the best time is to take a nap, or eat and don't lose too many points. From EU it was avoid breaks during US openings. From USA East coast it's the other way around I guess. <p>I don't do these plannings anymore as I'm not contesting to compete for a top place recently. I just do whatever is fun, it aligns with some of my learnings like sit down and run 10m Pile ups during an EU opening, it's way more fun than trying to fight a frequency on 40m.</p>	<p>NU4E</p>
<p>A couple good sources for contest tips and tricks, focusing on the N3FJP software suite - https://www.n3fjp.com/help/tips.html and https://www.n3fjp.com/help/contestsoftwareoperatingtips.html</p>	<p>KA2G</p>
<p>Self-spotting is allowed in all ARRL contests now. Especially important to self-spot while running on SSB, but also important on CW because lots of clusters don't carry RBN spots.</p>	<p>N3QE (via K2SX)</p>

<i>(Regarding the ARRL DX contest)</i> If you get a US/VE caller just work the guy to get him out of the way. You might friendly remind him there's lots of DX on the band to work.	N3QE (via K2SX)
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- Enter a lot of contests. Even if for only an hour.
 - “Practice makes perfect.” The more you experience, the more different techniques you try, the more you type, the more you adjust your radio to eliminate QRM, the more you copy code, the more you [whatever]. When in a competitive effort the *less* you must think about how to do those basic things the more efficient and accurate you become and the higher your scores will be.
 - More time in contests helps you recognize other call signs. That helps you pull people out when copying is hard or more easily recognize a busted spot from the skimmers.
 - The more your call is on the air the more people will know your call and they can pull you out of the mess easier.

Highlights From The Reflector:

- Herschel KA2G has been wrestling with high SWR whenever he raises power, even as low as 5 watts, on his 160 meter antenna. He also asked the group opinions on mast vertical spacing for his new 6 meter yagi.
- Don't tell any women, especially on Valentines Day, but Bill N1UZ apparently has little trouble figuring out how important his radios are to his life. (Post was titled “73”.)
- Bob W1RPG thanked Scott N2OG about the SFCG during an NAQP which resulted in our gaining a new member. Thanks for joining Bob, and thank you Scott for spreading the word.
- The subject of good contesting headsets comes up now and then and was again raised by Bob W1RPG. As usual, this sparked many comments.
- On a general note, while looking over our Groups.io page today to fill out his section I realized we consistently have one of the most active club/group reflectors I've visited. That is great! I'm particularly glad to see questions from people about stuff us older contesters take for granted – and that those reach out for help are not being made to feel bad about asking anything. Thank you everyone for creating a positive and welcoming atmosphere.
- A lot of chatter about the SQP Challenge Competition. Dave WN4AFP also talked about it at our annual meeting. Jump on board and enter state QP's. Don't forget to enter your log results on 3830 like I did.
- Bob KZ3P doesn't need QP encouragement. He showed us his award for participating in 47 of 47 QP's in 2024. He also showed his 1st place SCQP SOHP plaque. Great job Bob!

- Alan W4ANT brought HamDash to our attention. It is a real time contest scoreboard for N3FJP.
- There was very good participation and chatter about the NAQP SSB. Thanks all for making it a successful showing for the SFCG. And thanks to you Ed K3DNE for honchoing the effort.
- Dave WB5NHL has let area clubs know All Electronics has been reincarnated. It was a great place to purchase ham related, and other, electronic parts.
- Ed K3DNE's enthusiasm for VHF/UHF contesting is waning. At least it is right after a FT NAQP effort followed by Sunday football games. Huh. Sounds like he's having the opposite reaction to radio than Bill N1UZ is.
- Word of advice... Don't get up groggy in the morning, accidentally turn the volume fully up, and then click on the audio link Herschel KA2G gave us in post #29531.
- John K4QQG was wondering if a TV can be used as a monitor. Replies ranged from 'Not a good idea' to 'Yes, if you are careful in selecting one to use.'
- A lot of chatter about our Annual Meeting. As a result of both online and meeting discussions, a By-Law change was made switching from only allowing SFCG contest entries from SC for ARRL contests to using the ARRL's 250 mile circle.
- It is good to see Ted K7OM frequently posting his scores.
- Several suggestions were made as to where when Ed WB4HRL mentioned he needed someone to work on his amplifier.
- Dave WN4AFP shared a "Getting Started with N1MM+ for QSO parties" pdf. It starts out with setting up N1MM.
- Several members are using N3FJP and it was discussed in several posts. It would be good to see people share more N3FJP tips like Alan W4ANT has started doing. Keep in mind that any program has advantages and disadvantages, N3FJP and N1MM both included, so despite many in our group being slanted toward N1MM you may find N3FJP, or another logging program, fits your operating style and needs better. Whatever you choose to use please post your impressions and tips to the reflector so others can benefit from your experiences.
- In the spirit above, certainly not to bash N3FJP, Dave WN4AFP is a head honcho for the State QSO Party program (not just for SFCG efforts). Dave noted "One of issues we're facing in the QP contesting world is that N3FJP isn't adding the new QPs to his SW. Canadian Prairies and Quebec have yet to be added. There's another that isn't on there yet... duh can't remember what it is... N1MM+ is loaded with far more contests than FJP... I would definitely changeover... I used N3FJP for 5 years before I saw the light. I heard about N1MM+....but I was reluctant to change. I'm glad that I did! You will be very pleased!"

- Gil KS4YX got in on the RTTY action. He posted, "I had a good time playing in the XE RTTY contest this weekend. I see where Ted K4OM did too."
- There was a Triple QSO Party weekend that generated much member activity and posts. Rules, software settings, entering scores, etc. were discussed. In a related post about K1IP's incredible mobile/portable station Kevan N4XL shared how he prepares to track mobile stations before a state QP.
- Matt NU4E is enjoying his new shack. He shared a certificate for the 2024 CQWW DX SSB contest SOABHP(A) category where he placed 1st US, 2nd NA and 9th World. It's always a good day when you receive something like that. To put it in a clearer perspective, there were 1,383 entries worldwide in that highly competitive category and Matt was 9th. Van N4VGE felt inspired and shared his goal is to be #1 in Asia from VU4 in 2026. Go for it Van!
- John W7WZ shared the certificate for KB4DX in the 2024 CQWW DX SSB contest. Their team placed #1 US 4th Call area and #5 US in the Multi-Two category. The station and team is developing nicely, John!
- Kevan N4XL shared there was an update to 2Tone letting it now copy RTTY using just one tone of a RTTY signal. Wow! I haven't operated in but a couple RTTY contests but I can see the advantage that could bring when the bands are crowded.
- Frank KG4IGC needs to take a trip to Home Depot and buy a new pair of hard-shelled ear protection to go with his ear plugs. He'll need double hearing protection when he fires up his new to him retro model 28 Teletype machine courtesy of Dave NJ4F. Chip KB1QU seemed a bit jealous and is again thinking about reviving his model 15 that he's carted with him inside three different moving vans.
- Dennis K2SX shared some great ARRL DX CW operating secrets from the PVRC. I'm going to store them in my computer's Ham folder for future reference. There are some great tips in there.

Phonetics

By Kevan N4XL

The RSBG Technical Groups.io had a thread started by Simon G0ZEN who wanted to know why so many people mistakes the Zulu in his call for Juliet. Andy G4JNT suggested "... the emphasis heard may well be the 'ulu' part of the word. The sound of which is common to both." Marcus G0IJZ pointed out that for many DX operators English is a foreign language so sounds differently in their countries tongue. Marcus said, "Don't use Zanzibar because it's spelled with an 's' in German (Sansibar)." Alan G0TLK said, "Vowels are easier to recognise under weak signal conditions. In my callsign they often confuse

Tango with Echo and again confuse Kilo as the O sounds stronger. When I remember I use Tommy and Kilowatt to get around it!" Bruce M0PUS added others have unique problems and ended with good advice to all of us. "I have a condition known as APD (Audio Processing Disorder). This can cause me to mistake a word or a phrase for a different one. (This can cause lots of amusement, but I can get frustrated when folks insist that I'm deaf and insist on shouting - which doesn't help). Nonetheless, I rarely have difficulty in "decoding" clearly spoken NATO phonetics, but I do have problems with the likes of "Mexico", "Peter" etc. So I'm for sticking to NATO and speaking clearly and unhurriedly WITHOUT RUNNING WORDS TOGETHER". Jeff G8HUL says many of us aren't following the rules, "The International Code of Signals and ITU Radio Regs says that Juliet should be said with emphasis on both the first and last syllables: JEW lee ETT." Andy tells us to disregard agreed upon standardization, "I have been known to use 'Jellied Newts Tails'. But it was only with fellow UK stations"

My favorite response is from Peter G3SMT. He gives us a list of commonly used alternative words for the Phonetic Alphabet in various languages.

Phonetic Alphabet

Letter	NATO & International	British Forces 1952	RAF 1942-43	Telecom B	British A or International	NY Police	French	German	Italian	Spanish
A	Alfa	Abel	Apple	Alfred	Amsterdam	Adam	Anatole	Anton	Ancona	Antonio
B	Bravo	Baker	Beer	Benjamin	Baltimore	Boy	Berthe	Berta	Bologna	Barcelona
C	Charlie	Charlie	Charlie	Charles	Casablanca	Charlie	Célestin	Cásar	Como	Carmen
D	Delta	Dog	Dog	David	Denmark	David	Désiré	Dora	Domodossola	Dolores
E	Echo	Easy	Edward	Edward	Edison	Edward	Eugène	Emil	Empoli	Enrique
F	Foxtrot	Fox	Freddy	Frederick	Florida	Frank	François	Friedrich	Firenze	Francia
G	Golf	George	George	George	Gallipoli	George	Gaston	Gustav	Genova	Gerona
H	Hotel	How	Harry	Harry	Havana	Henry	Henri	Heinrich	Hotel	Historia
I	India	Item	In	Isaac	Italia	Ida	Irma	Ida	Imola	Inés
J	Juliet	Jig	Jug/Johnny	Jack	Jerusalem	John	Joseph	Julius	I lunga	José
K	Kilo	King	King	King	Kilogram	King	Kléber	Kaufmann	Kursaal	Kilo
L	Lima	Love	Love	London	Liverpool	Lincoln	Louis	Ludwig	Livorno	Lorenzo
M	Mike	Mike	Mother	Mary	Madagascar	Mary	Marcel	Martha	Milano	Madrid
N	November	Nan	Nuts	Nellie	New York	Nora	Nicolas	Nordpol	Napoli	Navarra
O	Oscar	Oboe	Orange	Oliver	Oslo	Ocean	Oscar	Otto	Otranto	Oviédo
P	Papa	Peter	Peter	Peter	Paris	Peter	Pierre	Paula	Padova	Paris
Q	Quebec	Queen	Queen	Queen	Quebec	Queen	Quintal	Quelle	Quarto	Querido
R	Romeo	Roger	Roger/Robert	Robert	Roma	Robert	Raoul	Richard	Roma	Ramón
S	Sierra	Sugar	Suga	Samuel	Santiago	Sam	Suzanne	Samuel	Savona	Sábado
T	Tango	Tare	Tommy	Tommy	Tripoli	Tom	Thérèse	Theodor	Torino	Tarragona
U	Uniform	Uncle	Uncle	Uncle	Uppsala	Union	Ursule	Ulrich	Udine	Ulises
V	Victor	Victor	Vic	Victor	Valencia	Victor	Victor	Viktor	Venezia	Valencia
W	Whisky	William	William	William	Washington	William	William	Wilhelm	Washington	Washington
X	X-ray	X-Ray	X-ray	X-ray	Xantippe	X-ray	Xavier	Xanthippe	Ics	Xíquena
Y	Yankee	Yoke	Yoke/Yorker	Yellow	Yokohama	Young	Yvonne	Ypsilon	York	Yegua
Z	Zulu	Zebra	Zebra	Zebra	Zürich	Zebra	Zoé	Zeppelin	Zara	Zaragoza

RBN Tips

By Kevan N4XL

- The RBN only works with CW, RTTY, and PSK, but it does a good job of letting people know where you are calling CQ when on those modes. Here's a couple tips to help it pick your call out amongst all the clutter on the bands. These tips come from the RBN team and are available at <https://www.reversebeacon.net/pages/How+to+get+spotted+by+the+RBN+44>
 - You must use one of the key-words to be picked up. Any one of the following must be in your "CQ".
 - TEST or CQ
 - FD, SS, NA and UP also work in the appropriate settings
 - Repeat your call at least twice. There are rules on the webpage above about how it works for unusual calls where you might need three, but all of us in the SFCG have standard calls so twice is enough. Sometimes single letters in the suffix might confuse it but they work hard at keeping up with such things. For example, the RBN recognizes K2L if you're using it during the 13 Colonies event.
 - Some things to watch out for...
 - CW Skimmer is pretty forgiving, but to be optimally copied by the RBN, particularly in QRM and QRN, make sure your CW is good.
 - Avoid using half-spaces right before or right after your callsign.
 - Taking CWTs as an example, TK and TW prefixes are all too common, because Skimmer may copy the T in CWT and run it together with the real callsign. (Editor's Note: I often see EK3LR too. That happens because the last dit of the R is sometimes incorrectly seen as the beginning of the callsign. A good contester will develop their call recognition skills and immediately notices such things because K3LR is a well-known call and EK3LR isn't. EK3 is a call assigned in Armenia which is extremely rare which should make you suspicious the RBN is reporting the call incorrectly. That is just one example. It is fairly common to see other calls reported incorrectly by the RBN due to similar issues. DON'T TRUST SPOTS. ALWAYS verify the call before you log it.)
 - It is also common to see more than one station spotted on the same frequency. Besides two people being on the same frequency at the same time, this can happen different ways. An easy one to understand is someone is using the format "TEST N4XL N4XL TEST". Immediately after they stop transmitting NU4E calls. Maybe a CW Skimmer didn't hear the first part of that and only heard "... N4XL TEST NU4E". Since it hears the key-word TEST followed immediately by NU4E, it spots NU4E instead of the N4XL. But next time it, or another skimmer, hears the full CQ and correctly spots N4XL. Again, always verify the call before logging it.
 - If you decide to QSY due to QRM you will need to move at least 300 Hz before the RBN will move you to the new frequency. Another time to remember that is if you

are doing antenna testing, as in switching back and forth between two antennas. Change your frequency by at least 300 Hz or you won't get the correct signal report for the new antenna.

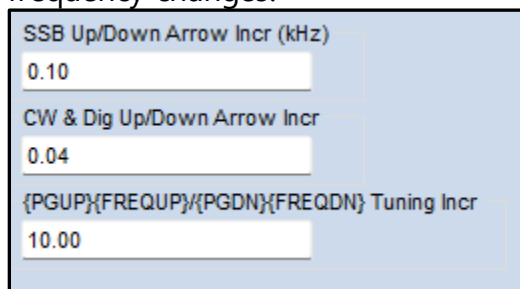
Observations by the Editor:

- The Amateur-repairs reflector had a thread about how to clean the case of a IC756 Pro-II. Answers included
 - WR7G: I just finished cleaning the top cover from a 756 today by putting it in the sink and used a sponge and dish soap.
 - Maxwell: Clean cabinet with a lightly damp cloth. Dry, then spray a little "Mr Sheen" furniture polish and use a very soft clean dry cloth to buff up. Has worked for me for years from everything from the old wooden TV cabinets (real furniture) to plastic stereos, CB's etc.
 - VE3TJD: If you can still find it, I've been using Endust for Electronics.
 - W0LEV: For a really nasty cleaning job, I've used WD-40. It's an excellent cleaner / solvent for age "baked on" greasy grime. And once complete, a three or four day outdoor soak in direct sun will evaporate it from the cleaned article. No, it doesn't damage electronics. I've used it a number of times on grimey vintage tube gear with excellent success.
 - KD7TWW: Simple green slightly diluted with water. Spray lightly, let it soak, wipe it down.
- I've been doing this for important sites, but I recently read somewhere someone else saying they too copy and save things from websites they think important or potentially useful in the future. Websites come and go. We're all getting older. When we die our websites go away. I'm glad I've saved some of this info because I occasionally find myself looking on the internet for something I once read only to discover the link to that website now leads to a 'page not found' screen. I'm grateful when I can sometimes find the info on my hard drive.

N1MM+ Tips:

NOTE: Unless otherwise specified references to problems people are having, solutions, and tips come from the N1MMLoggerPlus Group.io reflector. A search there for items described should turn up the original posts and replies.

- Selected changes made since last newsletter. (NOTE: These often come from a user requesting a change or fix to a problem.)
 - Many tweaks were done to make the Dark background "skin" visually more useful.
 - Much work has been done with the Key Remapper. Several more corrections have been made. These include Elgato Stream Deck support improvements.
 - VT QSO Party CW point value was corrected at WN4AFP's recommendation.
- Changing frequency with the Up/Dn arrow key and Macros
 - You can change frequency using the Up/Down Arrow and the Page Up/Dn keys. Those keys do different things depending on if you are using a macro, or if you are Running or S&P.
 - In the Other tab in Configurer are fields to change how far the radio frequency changes.



The screenshot shows a configuration window with three input fields. The first field is labeled "SSB Up/Down Arrow Incr (kHz)" and contains the value "0.10". The second field is labeled "CW & Dig Up/Down Arrow Incr" and contains the value "0.04". The third field is labeled "{PGUP}{FREQU}{PGDN}{FREQDN} Tuning Incr" and contains the value "10.00".

- Up/Down Arrow
 - When S&P, changes radio frequency
 - When Run, changes RIT frequency
 - {CLEARRIT} Macro
 - Many use F1 as CQ, F3 as TU, and F12 as {Wipe}. Wipe is often used to clear the Entry and Exchange fields when a contact is attempted but not completed.
 - When running, you would normally want to reset your RIT to zero whenever you pressed F1, F3 or F12.
 - Placing {CLEARRIT} in each of those Fkey files accomplishes that automatically so you don't have to reach over and manually reset it.
 - Examples
 - F1 TU,CQ TEST N4XL{CLEARRIT}
 - F12 Wipe,{WIPE}{CLEARRIT}

- Page Up/Down- When in Transmit Mode changes CW speed
- Macros {PGUP} and {PGDN}- These macros work differently than simply pushing the Page Up/Down keys. When used in an Fkey file they cause frequency to change by the amount shown in Configurer. You might use these in contests where you must change frequency by "X" KHz before calling CQ again.
- General Information: It may appear that the Up Arrow, Down Arrow, Page Up or Page Down are not working when incrementing or decrementing the current frequency with these keys.
 - The VFO frequency will not change if the incremented/decremented amount is smaller than the frequency deltas supported by your rig. This is not always well documented by the manufacturer. Icom 751 rigs for example do support 10 Hz steps but only show 100 Hz steps on the display.
 - The keys mentioned above have to be set higher than the minimum step size supported by the radio.
 - It's easy to test if it is the keys are working. Check the frequency while pressing the keys mentioned above. If the frequency moves nothing has to be changed.
 - The default increment/decrement for CW is 10 Hz. If this doesn't work, try changing it to 100 Hz, under the Configurer, Other tab. This only applies to the keys that increment/decrement the current frequency

Upcoming Contests:

See the WA7BNM webpages <https://www.contestcalendar.com/contestcal.html>

SFOTA Current Leaderboard:

Feb-14-2025

Current Leaderboard

2025 OVERALL STANDINGS

CALL	Contests	CW QSO'S	SSB QSO'S	DIGITAL QSO'S	RTTY QSO'S	TOTAL QSO'S
1) WB4HRL	53	2575	131	0	520	3226
2) KE4EA	37	2516	243	15	0	2774
3) WN4AFP	30	1796	194	23	0	2013
4) K4QQG	9	0	1197	1	802	2000
5) N4IQ	9	1765	0	0	0	1765
6) K3DNE	6	460	838	65	0	1363
7) K4FT	15	1201	0	0	136	1337
8) KG4IGC	3	192	0	0	1085	1277
9) KS4YX	13	309	1	167	534	1011
10) KD4S	12	520	0	14	461	995
11) K7OM	5	170	0	0	750	920
12) KZ3P	7	304	130	18	414	866
13) W4ANT	16	298	409	2	0	709
14) WA4LDU	12	113	9	158	290	570
15) KB1QU	1	0	0	0	376	376
16) W1RPG	4	0	352	0	6	358
17) KA2G	4	0	339	0	0	339
18) AA4SD	4	288	0	0	0	288
19) N1UZ	2	88	0	0	135	223
20) NI7R	1	205	0	0	0	205
21) N4QI	5	96	15	0	67	178
22) N4XL	4	165	2	0	0	167
23) K2SX	3	149	0	0	0	149
24) KK4MRG	7	0	112	9	27	148
25) KS4VJ	3	0	42	17	0	59

2025 INDIVIDUAL MODE STANDINGS

CALL	CW QSO'S	CALL	SSB QSO'S	CALL	DIGITAL QSO'S	CALL	RTTY QSO'S
WB4HRL	2575	K4QQG	1197	KS4YX	167	KG4IGC	1085
KE4EA	2516	K3DNE	838	WA4LDU	158	K4QQG	802
WN4AFP	1796	W4ANT	409	K3DNE	65	K7OM	750
N4IQ	1765	W1RPG	352	WN4AFP	23	KS4YX	534
K4FT	1201	KA2G	339	KZ3P	18	WB4HRL	520
KD4S	520	KE4EA	243	KS4VJ	17	KD4S	461
K3DNE	460	WN4AFP	194	KE4EA	15	KZ3P	414
KS4YX	309	WB4HRL	131	KD4S	14	KB1QU	376
KZ3P	304	KZ3P	130	KK4MRG	9	WA4LDU	290
W4ANT	298	KK4MRG	112	W4ANT	2	K4FT	136
AA4SD	288	KS4VJ	42	K4QQG	1	N1UZ	135
NI7R	205	N4QI	15			N4QI	67
KG4IGC	192	WA4LDU	9			KK4MRG	27
K7OM	170	N4XL	2			W1RPG	6
N4XL	165	KS4YX	1				
K2SX	149						
WA4LDU	113						
N4QI	96						
N1UZ	88						

3830 Activity:

Contest	Call	Class	Pwr	Score
1010WinSSB				
02/03/25	K4QQG	Single Op	HP	8
02/04/25	W4ANT	Single Op	HP	7
ARRL Jan VHF				
01/20/25	K3DNE	Single Op-All Modes	HP	2,600
01/20/25	KD4S	Single Op-All Modes	HP	126
01/20/25	WA4LDU	Single Op-All Modes	LP	3,655
BARTG Sprint				
01/26/25	K7OM	Single Op	HP	106,100
BC QSO				
02/02/25	AA5JF	Single OpMixed	HP	110
02/03/25	K3DNE	Single OpSSB	HP	8
02/03/25	K4FT	Single OpCW	LP	260
02/03/25	K4QQG	Single OpSSB	HP	288
02/03/25	KA2G	Single OpSSB	HP	32
02/02/25	KD4S	Single OpCW	HP	8
02/04/25	KE4EA	Single OpMixed	LP	1,074
02/01/25	KK4MRG	Single OpSSB	LP	8
02/03/25	KS4VJ	Single OpSSB	LP	200
02/03/25	KZ3P	Single OpMixed	HP	3,328
02/03/25	N2ZZ	Single OpMixed	HP	3,248
02/02/25	N4QI	Single OpMixed	LP	980
02/07/25	N4XL	Single OpCW	LP	396
02/10/25	W1MRC	Single OpSSB	LP	18
02/04/25	W4ANT	Single OpMixed	HP	5,928
02/03/25	WB4HRL	Single OpMixed	LP	3,286
02/02/25	WN4AFP	Single OpMixed	LP	1,560
CQ160 CW				
01/27/25	AA4V	Multi-Op	HP	155,376
	(W4GE,AA4VT,N4SF,@AA4V)			
01/26/25	KD4S	Single Op Assisted	HP	44,082
01/28/25	NN4SS	Single Op	HP	33,966
01/27/25	W7WZ	Single Op	HP	71,120
01/31/25	WN4AFP	Single Op	LP	168
HA DX				

Contest	Call	Class	Pwr	Score
01/20/25	WN4AFP	SOSB/15CW	LP	40
LABRE-Digi				
02/05/25	WA4LDU	SOAB	LP	780
MnQP				
02/02/25	AA5JF	Single OpMixed	HP	18,252
02/03/25	K3DNE	Single OpSSB	HP	704
02/03/25	K4FT	Single OpCW	LP	660
02/03/25	K4QQG	Single OpSSB	HP	1,260
02/02/25	KA2G	Single OpSSB	HP	72
02/01/25	KD4S	Single OpCW	HP	32
02/04/25	KE4EA	Single OpMixed	LP	384
02/01/25	KK4MRG	Single OpSSB	LP	286
02/03/25	KS4VJ	Single OpSSB	LP	600
02/02/25	KZ3P	Single OpMixed	HP	2,652
02/02/25	N2ZZ	Single OpMixed	HP	1,656
02/02/25	N4QI	Single OpMixed	LP	672
02/07/25	N4XL	Single OpMixed	LP	98
02/10/25	W1MRC	Single OpSSB	LP	162
02/02/25	W1RPG	Single OpSSB	LP	1,680
02/02/25	W4ANT	Single OpMixed	HP	6,474
02/03/25	WB4HRL	Single OpMixed	LP	672
02/02/25	WN4AFP	Single OpMixed	LP	24,960
NAQP SSB January				
01/19/25	K3DNE	Single Op Assisted	LP	180,630
01/19/25	K4QQG	Single Op Assisted	LP	52,910
01/19/25	KA2G	Single Op Assisted	LP	23,184
01/19/25	KE4EA	Single Op	LP	21,917
01/20/25	KZ3P	Single Op	LP	2,318
01/27/25	W1MRC	Single Op	LP	2,925
01/20/25	W1RPG	Single Op Assisted	LP	43,632
01/19/25	W4ANT	Single Op Assisted	LP	37,515
01/19/25	W7WZ	Single Op	LP	54,080
01/19/25	WB4HRL	Single Op Assisted	LP	5,757
01/19/25	WN4AFP	Single Op	LP	5,775
RTTY WPX				
02/09/25	K4QQG	SOAB TB-Wires	HP	186,690
02/11/25	K7OM	SOAB	HP	101,032

Contest	Call	Class	Pwr	Score
02/10/25	KB1QU	SOAB	LP	181,522
02/10/25	KD4S	SOAB TB-Wires	HP	81,087
02/09/25	KG4IGC	SOAB	LP	333,762
02/09/25	KK4MRG	SOAB TB-Wires	LP	567
02/10/25	KZ3P	SOAB	LP	27,772
02/10/25	WA4LDU	SOAB Classic TB-Wire	LP	23,290
02/10/25	WB4HRL	SOAB	LP	63,048
VtQP				
02/02/25	AA5JF	Single Op	HP	24
02/03/25	K3DNE	Single Op	HP	12
02/03/25	K4FT	Single Op	LP	105
02/03/25	K4QQG	Single Op	HP	45
02/03/25	KA2G	Single Op	HP	28
02/01/25	KD4S	Single Op	HP	28
02/05/25	KE4EA	Single Op	LP	1,350
02/02/25	KK4MRG	Single Op	LP	440
02/04/25	KS4VJ	Single Op	LP	756
02/02/25	KZ3P	Single Op	HP	615
02/03/25	N2ZZ	Single Op	HP	91
02/02/25	N4QI	Single Op	LP	297
02/07/25	N4XL	Single Op	LP	6
02/10/25	W1MRC	Single Op	LP	66
02/05/25	W1RPG	Single Op	LP	98
02/04/25	W4ANT	Single Op	HP	264
02/03/25	WB4HRL	Single Op	LP	486
02/03/25	WN4AFP	Single Op	LP	7,874
WFD				
01/26/25	AA4SD	1H	QRP	200
01/26/25	K4QQG	1H	LP	581
01/27/25	KK4MRG	1H	LP	19
01/26/25	KS4YX	1H	LP	1,890
01/27/25	W4ANT	1H	LP	55
01/27/25	WB4HRL	1H	LP	276
WRT Jan 17				
01/17/25	KS4YX	Single Op	LP	169
01/17/25	WA4LDU	Single Op	LP	42
WRT Jan 24				

Contest	Call	Class	Pwr	Score
01/24/25	KS4YX	Single Op	LP	272
XE RTTY				
02/03/25	K7OM	Single Op	HP	18,480
02/03/25	KS4YX	Single Op	LP	8,613

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