



March 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](http://swampfoxcontestgroup.com)

### Welcome John W4IX

Please welcome John W4IX to the Swamp Fox Contest Group! John has returned to SC and now resides in Wellford. He's been involved with contesting since 1977, actually before he became a Novice via the influence of his dad. He was referred to SFCG by WN4AFP, N4IQ and others at the KB4DX multi-op station where he's now operated in several contests. John has op'd with several big multi's including N4TO in FL, NQ4I in GA, W0RIC in AZ, ND7K in AZ and now at KB4DX in Fort Mill, SC. The SFCG membership application asks: What contests do you most enjoy or prefer... John's answer was "ALL! We'll have to wait to hear from John about any station plans he has at his QTH in SC. Last weekend he op'd with the KB4DX team helping rack up almost 9M points in ARRL DX CW! John: Welcome to SFCG!

73

Ed K3DNE

## Welcome Stuart NV4T

Please welcome Stuart NV4T to the Swamp Fox Contest Group! I worked Stuart in the SC QSO Party last Saturday and sent him an email about SFCG and within hours his membership application appeared in my inbox! Stuart resides in the Spartanburg area. His indoctrination to the world of radio began when he was just 5 years old! The Milwaukee car dealer that his father bought a Firebird from asked Stuart to record audio for a radio commercial they were putting together. He became interested in radio after that early experience and later worked at his college radio station! He obtained his Tech license in 1997 and upgraded to General and then to Extra last spring. He recently started participating in contesting including the CQ WW DX SSB last October and Stuart states on his QRZ page that he enjoys contest weekends immensely. His station consists of a FT-710 and an EFHW wire. He's an avid POTA hunter and has done some activations with a FT-891. He has put learning CW on his to-do list for the future!

Stuart: Welcome to the Swamp Fox Contest Group!  
73,  
Ed K3DNE

## Welcome Craig W8CS

Please welcome Craig W8CS to the Swamp Fox Contest Group! Craig holds an Extra ticket and resides in Greenville - he was referred to SFCG by N4IQ.

Craig's ham career dates back to 1976 as a young teenager (WN8ACM) and he influenced his dad to obtain his license as well - AB8P (SK). He upgraded to Extra at the age of 16 and his ham career was a springboard to his professional career obtaining two degrees in electronics. Craig took some time off from the hobby due to work, family and travel and is now back into the hobby and enjoys contesting citing ARRL DX, CQWW, SS and FD as favorites. His roots are in CW!

Please check out his QRZ.com page for some interesting pics of Craig as a young-op and a photo of his station.

Craig: Welcome to the Swamp Fox Contest Group!

73  
Ed K3DNE

## Contest Tips:

SFCG Member Tips	
Tip	From
I'll throw down the gauntlet -- the single most important skill in contesting is touch-typing. If you can't type quickly (w/o looking at the keyboard), you are at a disadvantage. My dad learned to touch-type when he was in his early 40s. Obviously you also want a keyboard that works well.	AA5JF
Most of us use N1MM and see the advantages of its functionality. However, there are many contest loggers out there. For those who don't want to take the time to learn N1MM, N3FJP is an excellent contest logger which makes it easy to log contacts and submit/upload scores.	K3DNE
VHF Contesting. When on digital and signal strengths are > 10dB, check out SSB and CW. It is a lot faster making QSO's on SSB/CW than FT8 or even FT4.	K3DNE
As for VHF+ contesting - it is a different entity. Much lower rates - ya sometimes, during dead band condx, gotta work for every QSO! Scheduling QSO's is allowed, the use of chat pages are allowed and used (ON4KST) and I think SLACK (?) to schedule QSO's. Moving stations to other bands is common on SSB/CW and doable on FT8 but a little clumsy. Just worked a station on groundwave on 6m? Move them to 2m, etc. Checking the SSB/CW portions of the bands periodically taking a break from digital should be done routinely - often at the top and bottom of the hour. Don't get discouraged with slow rates and QSO #'s. Set goals to add to WAS/VUCC awards and just like HF, keep BIC	K3DNE
Read and reread the contest rules and practice with your logging program	W7WZ
You don't have to run up a big score all the time. The State QSO Party challenge is a great example. There is an award for working all the approved state QSO parties. If you other things to do that weekend, get on and get a minimum of 2 contacts, submit the and do what needs to be done.	KZ3P
You don't have to have 1500 watts to play. I worked Hawaii, Kansas. and Ohio last weekend with <100 watts. I managed 13 contacts with Hawaii. (that was every station I heard).	KZ3P
The older I get, the more important ergonomics become. As someone has already mentioned, BIC is a key to a good score which means not skimping on the 'saddle'. Get one with arm rests. Have your elbow where you can swivel your arm on the rest and quickly reach your radios. Have your radios near eye level and nearby. Don't put the radio on a higher shelf even if it is mostly CAT controlled.	N4IQ
If you have my kind of eye sight, which is BAD (but, hey, I can still see daylight), get plenty of monitor acreage and increase the magnification. Change the fonts to large and bold in N1MM skins. Use the upper right hand arrow in N1MM to make the window text larger. Color code important buttons. Don't position your monitors where you are constantly looking up. Place them at eye level or where you are looking downward.	N4IQ

Speaking of eye sight, I always have two set of spectacles handy. One in case I lay down the first pair and can't find them. I always wash them before the contest with Dawn detergent to get the greasy finger prints off. I keep a bottle of Liquid Tears handy. I also have four lamps within my contesting work space. Each one has a different purpose. So be sure you have lighting that enhances your contesting experience.	N4IQ
Off times are important in most contests. I schedule them and put off and on alarms in my iPhone. I recently forgot to put a NAQP on time alarm in my phone and I came back too early. I lost almost a half hour of operating time. No.... I did not look on the INFO screen when I came back. I should have.	N4IQ
Murphy is alive and well. Be ready when he strikes. Have your wires, cables, coax labeled. Know what Com Ports are assigned where and their functions. Know your sound card codec allocations. The more complicated your station (ie SO2R, multiple modes, remote switching) the more important this is. I have one large three ring binder dedicated just for this information. When Murphy appears, this is often the first place I look. Don't waste time trying to figure out com ports.	N4IQ
Murphy is less likely to visit if you don't give him a reason to. At least the weekend before a major effort I visually check my station. I start at the rig's antenna jack and go all the way to the antennas. I put full power on each antenna on each band. I look for branches that might catch the yagi. I set up my logger's Fkey messages and test those out too. I review the list of corrective actions I wrote after the last contest. That gives me time to fix any issues well before the starting gun goes off.	N4XL
It's said you can't store up sleep, but I took the advice of many winners and ensure I get at least two good night's rest before a 48 hour contest. It is very noticeable if I don't.	N4XL
As a beginning contesteer I naturally tried coffee and soda drinks to stay awake longer. I'm not a fan of energy drinks, but I tried them too. Then I read that after the caffeine wears off your body crashes. Thinking back, I realized that was happening to me too. I have since found that, for me, taking two vitamin B complex pills fights off the sleepy stick carrying gremlins without my having significant aftereffects. I now avoid the drinks and keep some vitamin B pills at the operating station for that hard 4 to 7 AM time period.	N4XL

### Highlights From The Reflector:

- John K4FT decided to join Herschel KA2G in having problems with his 160 meter antenna. John wrote, "160 antenna broke in storm that came through today, Work to do."
- We're sorry to hear Phil NI7R's shack is downsizing. Phil wrote, "I will be moving into a senior living facility about the end of the month. I will have a small apartment on the fourth

floor with a sunroom facing north where I plan to put my ham radio. My antennas will be very limited." Do what you can, Phil.

- The Contest Team at KB4DX has been steadily improving. John W7WZ's shack is being upgraded, issues corrected, and talented operators are sharing the chairs. Great to see the scores climbing team!
- Bob KZ3P is both enjoying and fighting his TS890. "Does anyone in the group have a detailed procedure to get N1MM to send CW (using the f keys) to a Kenwood TS-890. I tried to use the setup listed in the N1MM other documents but I can't seem to make them work. N1MM keeps telling me that there is no CW port in the configure file. any help will be greatly appreciated." I was once told half the fun of contesting is getting everything to work. How's your fun factor, Bob?
- Herschel KA2G asked, "Does SCQP allow county line? Asking because I am in Aiken County but only 2 miles from Lexington County." QP Guru Dave WN4AFP gave a longish answer worth reading should you be sitting on a county line, but here's the SCQP part.

Regarding the SCQP rules... "County-line" contacts must be logged as separate contacts." Logged refers to how the contact appears in the actually log. You cannot enter the two counties in one log entry."

The county line/point topic can be a bit confusing. Different contests and county hunting award sponsors have different rules on county-line operation.

I am attaching a document compiled by the SQP Challenge Group which includes the county line definition for the QPs. If the rules don't define a county-line, then it's the literal definition. You are operating literally only the line car in both counties. Mobiles and portable station do this regularly.

- Dave WN4AFP had us all excited about working the Vatican. Too bad T77C isn't over in Europe. I'll bet most everyone has mistaken where a call sign is from before. I know I have.
- Everyone had a great time in the SCQP.
- It's good to have new testers like Matthew W1MRC saying things like "I believe this will be my 1st year participating, so yes, please share strategies and tips from years past." Us Old Timers need to periodically throw out tidbits we think are so basic that everyone should know them. No, everyone doesn't know them.
- People have started sharing DX alerts on the Contesting Reflector. Nothing wrong with that at all, but I might suggest it be kept to rare DX. Some members have stopped receiving immediate reflector posts because there are too many emails being sent. If people are only getting daily summaries then you might not get a quick response should you need help figuring things out.

- Dennis K2SX shared pictures of K2LE's tower that was destroyed by ice.
- Everyone enjoyed the ARRL DX SSB contest. Great scores from many SFCG members.
- Several people were having problems with the K3LR cluster. It's best to have three or four identified before a contest so you have a ready list to go to.
- Dr. Jim K2ZZ started a thread about bearings to US states from SC. It expanded to where to international bearings too. It morphed into a short thread about characteristics for choosing a yagi.
- Bill N1UZ is looking to sell his Elecraft KPA 500 and KAT 500.
- Dennis K2SX is trying to have us all move. He keeps posting Superstation and DX Ham locations that have come up for sale. Come to think of it, Dennis moved out of South Carolina. Hmm... What do you have against South Carolina, Dennis?
- Bob W1RPG started a thread about the best method for driving ground rods.
- Herschel KA2G is learning there isn't any such thing as an inexpensive and easy to install tower. Hang in there, Herschel. It's worth it in the end.

## Not On the Standard Frequency? Move for a Net?

By Kevan Nason N4XL

Ed K3DNE started the reflector topic SCQP Musings shortly after, you guessed it, the South Carolina QSO Party. He brought up two points. One has been discussed many times over the years, the other is fairly new.

Although no one "owns" a frequency most contesters respect nets and general rag chew QSO. Many paragraphs can be spent on this, but I'll highlight some common viewpoints shared over the years on several reflector posts. Aside from it being a respectful and neighborly thing to do, it is the contest community's best interest to minimize conflict avoid interfering with non-contest QSO's and move for established nets. You can't please all the people, but you can please some of them. Try to take the high road and not further aggravate other people. After all, contesting isn't a life or death matter where it's okay to blast through and completed the Q no matter what the cost. Jim N2ZZ wrote, "I do respect nets, because for some hams, that's all they have or want to do." Jim also said, "Interestingly, if you get on 3915 at any time of the day and ask it it's in use, you will generally get a reply that it is "in use". There is a group that feels this is "their frequency" but allows the SCSSB net to use it for that one hour a day, because they asked nicely."

I want to share this experience concerning moving just because someone asks you too. It bothered me when I, a 100-watt station using a 40 meter vertical and having adjusted my transmitter to avoid splatter, was asked to move by a station in England who claimed I was causing interference. He said he was talking with some stateside stations "just above you" like he does every night. I had tuned across that QSO seconds before starting my CQ and knew exactly where they were. He sounded shocked and angry when I replied, "I'm 3 KHz below you. Can you turn on your filter?" I stayed where I was.

Ed also mentioned being told 3 times he was off frequency while operating on 1846.9 KHz. I've been told that myself a couple times in the last year or two. This generated some discussion on our SFCG reflector. Andy AA5JF wrote, "Maybe it originates from CB or 2m FM, but I would make the argument that outside of SSB contests, the HF phone bands are treated as if they are channelized by the most dominant users: nets, DXpeditions, and POTA operators. Nets certainly wouldn't operate at 7.187.8, and most dxpeditions choose a round frequency." I saved my thoughts on the matter for this article, but went looking online for verification of them.

Of course, I have to start by risking the wrath of newer Hams by saying it appears some simply do not understand how frequency selection on the HF Amateur Radio bands works. It isn't their fault. I believe Andy's thoughts above are correct and that our service's trend to pushing people through licensing classes in a day actually promotes such misunderstandings. They naturally want what they are used to as it supports their preferred way of operating. There are good reasons not to operate on 1 KHz "channels", such as avoiding QRM during contests, but people saying we are off frequency don't operate that way so they do not see the advantage of being on 1846.0 KHz as Ed was.

Here are some comments from other internet sources...

### **Observations by the Editor:**

- Long ago I learned some Windows default settings for devices have a Power Management option that lets Windows put those devices to sleep in order to save power. Not all, but some of our station equipment wouldn't work when we expected it to because unknown to us it had been automatically powered down. The advice was to use Device Manager in Windows and uncheck the box for each device allowing that to happen. It is also fairly well known that if you unplug the USB cable for a piece of equipment from your computer Windows might assign it a different port number when you plug it back in. That can play havoc with all the carefully

setup software you are using. What I didn't know was some USB hubs inside a computer can be put to sleep too, so anything that is plugged into those sleeping hubs won't work either. The following string of posts comes from the microHAM reflector. It specifically deals with microHAM equipment, but it seems obvious other devices can be affected too. Note that Joe mentions Windows will change these settings back to their default state when Windows performs an update.

Bill NY9H:

win 10 22H2 OS ....

unplug usb cable /// re insert AND MAYBE THE PORTS COME BACK...

SOMETIMES little window pops up saying "usb device not recognized"....

I have changed out cable ...looking for a cause././

but now it is working fine ??

Joe W4TV:

Typical Windows Power Saving behavior.

Device Manager -> USB Controllers ... double click each "Generic USB hub", "USB Root hub", "eXtensible Host Controller", and "USB4 Root Router" ... select the Power Management tab and \*uncheck\* "Allow the computer to run off this device to save power". Note: Windows will re-enable power saving on updates.

A better way to prevent Windows from suspending devices is to use the Control Panel -> Power Options applet -> select the "High Performance" plan -> Change plan Settings -> Change Advanced power settings -> select USB Settings -> Select USB Selective Suspend -> Set Selective Suspend to Disabled and \*APPLY\* the change.

While there you can also disable "Hybrid Sleep" (fast boot), set Wireless adapter for Maximum Performance, and disable turning off the hard disk (particularly if you have a solid state disk [SSD]).

- K4LEO became a silent key awhile back. I knew Ed and had tried to befriend him a couple times over the years, but he was always a bit private. While going to a yard sale my wife and I stumbled upon an auction. It was Ed's estate. Several of us

wondered why we hadn't heard Ed in quite some time. Now I know. The auction was for the house and contents. Ed had no close family and the distant cousin heir didn't want any but a very few possessions and the money the estate would bring. As I stood in his shack looking at his radio history, I was bothered that the many decades of his radio enjoyment and ARES commitment was ending with a group of (mostly) strangers bidding on the equipment none of his family wanted. It bothered me that I was the only Ham looking to buy things for personal use rather than buying with the sole purpose of reselling. They had no idea what things were let alone know what it was worth. My wife says if I write how little I ended up paying for things it will sound like I'm bragging about the deal I scored but now, two days later, I am still strongly bothered that after years of saving to buy quality equipment what you and I have to look forward to, unless we do some serious pre-death planning, is relatives willing to throw away our treasures and strangers who aren't willing to pay \$50 dollars for a table having upwards of \$1,000 (current used pricing) worth of perfectly good ham equipment that many of us would very much like to own and use in our shacks. I couldn't help but be reminded of my Physical Therapist asking me a few weeks back, "What's Ham radio?" The auctioneers walked into Ed's shack, looked around at the desks of equipment and they decided to sell it a desk at a time. Some equipment was sold off individually, but for the most part things were sold off in lots. I bought the lots that a couple things I wanted, but I am hoping people won't put me in the same category of those uncaring resellers when I get around to selling the things I don't need.

Part of the reason I was so struck by the day was because of what else from the estate was auctioned off. Lieutenant Ed did two tours in Vietnam. He never married. You could tell from his possessions he wasn't satisfied to sit and vegetate. His interests ranged from art and scholarship to guns, camping, and emergency preparedness. Things like his bug out bag and huge basic med kit were auctioned. Dozens of guns and thousands of rounds of ammunition. One entire room was a library. A drafting table. Clay pottery, both traditional and modern. Recording studio equipment and low power AM radio transmitters for local neighborhood use. Several Stetson hats and brand name cowboy boots. His neighbor said Ed loved to work in his yard, but she also mentioned while planting he would arrange the plants and trees as a kind of perimeter around where he worked. What affected me the most was Ed had taught himself to paint. Besides easels, brushes and paints, they auctioned 5 paintings that depicted what was unmistakably Vietnamese or Montagnard hooches in jungle clearings. Sitting at the auction watching his life pass by my eyes I finally understood his desire for privacy was based on his wartime

experiences. I'm sorry I never got to know Ed more than casually. Judging by his eclectic taste he was a very interesting person. I would have liked to hear his philosophical and life stories. I would like to have thanked him for the obviously deep personal sacrifices he made in his youth.

I will be reminded of Ed every time I look at or use the radio equipment I keep but will now also think how sad it is that others so little cherish the things we valued during our lives.

I intend to begin downsizing and either sell or give away things I am unlikely to ever need again.

- Things have not been running smoothly here at my QTH. A neighbor has repeatedly accused me of "attacking" him with RF causing interference to his over the air television. This has been going on since last summer. He was somewhat cooperative at first, but his unwillingness to consider any cause for his problem other than my big and obvious antenna has prevented me from figuring out what the real problem is. I won't put details here but believe me when I say he is unwilling to accept any other possibility than it being my fault. According to him, everything I say is a lie and he is unwilling to let me prove I cannot be the cause by showing him my equipment is off and the antennas are disconnected while he is receiving interference. Things have deteriorated to the point that I believe I was physically threatened with the possibility of stepping into a bear trap or being shot during my morning walk with the dog. Why only believe? Because like many threats people receive in life the words were about what might happen and, after telling me he was in the Army where they believe in "One Shot, One Kill" he told me how well he shoots his scoped rifle. There comes a time when you must accept it's best to stop trying to work with someone. The Deputy Sherriff looked over my documentation, took my statement, and said you just can't reason with some people. He advised me to give the neighbor a documented no trespass or contact notice, to install security cameras, and to explore a restraining order. I have been busy doing that. The restraining order has to wait for a second threat before it can be issued so that wasn't done. We intend to install a privacy fence.

## 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 the last newsletter. (NOTE: These often come from a user requesting a change or fix to a problem.)
  - Changed WIPE so that received number is empty, not 0. (Many) (Coded by N2IC)
  - Digital Setup: Corrected an issue where setting up macro's for TinyFSK modem would not work all the time (Coded by N2AMG)
  - Busted Spot Feature: Added two options to the Telnet window, Filters tab. "Remove Busted Spots" and "Enable Two Character Callsign Errors". Software is used to identify busted spots on the same frequency and remove them from the spot table. The busted spot may arrive first or second. Enabling the two character callsign option will consider callsigns with two character errors for analysis. The code trains to the contest spots and purges the history after 60 hours. Spots removed are logged in the LogError.txt file. (Coded by K3CT)
  - Busted Spot Feature: Experimental version improvement, modified the CW mode training/learning. When a callsign is blacklisted apply that to the busted spot logic. (Coded by K3CT)
  - Repeat Time by Mode: Correct the saving and recall of the user programmable repeat time by mode. (Coded by K3CT)
- David AD4TJ asked about logging the same station on different bands in VHF/UHF contests. Jeff W2FU gave him an interesting answer.

I can't find info on this scenario. I had it at one time, but lost it.

First radio is interfaced, 2nd radio is not. 2nd radio is dedicated to FM contacts on 2, 223, and 446. I make a contact with a 2 meter FM station, and want to move him to the other 2 bands. What is the step for entering his call without having to type it in each time? I know it is something simple I am missing. Thanks in advance!

David AD4TJ

=====

Jeff W2FU:

{POPPREVNEEDEDQ} Recalls the previous call & grid/exchange and places them in the entry window textboxes

{POPPREVNEEDEDQ} Cycles through the QSOs recently logged and places the call, grid/exchange in the entry window. Useful in VHF contests where you are moving one or more stations from band to band. The currently popped QSO is highlighted in the log window.

{POPNEXTNEEDEDQ} Operates the same as {POPPREVNEEDEDQ} but in the other direction

{POPNEXTNEEDEDQ} See {POPPREVNEEDEDQ}

I place these macros in F9 and F10. I also used the N1MM Keymapper tool to place these two macros in the numeric pad 4(left) and 6(right) as those keys are really close just to the right of <enter> key on the keyboards I use.

- Setting up digital engines in N1MM. Rick N2AMG of the N1MM Development Team gives this advice on the N1MM Reflector:

When using any of the digital engines in N1MM do not select any rig control means in the digital engine. Get your radio working in N1MM first once the radio is configured correctly in N1MM Then start adding in the digital windows. All of the digital engines have their frequencies sent to them by the radio control in N1MM. Once you have the radio working in N1MM then you will need to set a port for the digital interface you are using unless PTT comes from your radio.

I don't have your radio but when I am using my 7300 I set the radio to USB-D In the port setup for the 7300 I select

PTT via Radio Command and I let the radio handle everything. I then load Fldigi and since I have everything configured in Fldigi when Fldigi opens up the frequency is displayed across the waterfall and if I press TX I am sending a signa

- There are literally tens of thousands (or more) of software App and driver combinations that can be found on individual computers. It's therefore not surprising that even though software developers do their best, sometimes installing an update will result in N1MM (or something else on the computer) not working. Give the Development Team a break. Problems are a universal software development problem and not limited to N1MM. After beating your head on the desk multiple times when "fix" after "fix" fails, you might try rolling back to the previous N1MM version that worked. Go to the webpage <https://n1mmwp.hamdocs.com/mmfiles/categories/programlatestupdate/>

Download that N1MM Logger+ Update (they helpfully give the release date) and install it. Things should be back to normal. If not, the problem you are having isn't likely to be N1MM's fault.

- It's safe to say everyone has trouble at least once figuring out how to play back .wav files in N1MM. Here's a question on the N1MM reflector from N7EPD and the reply from Development Team member K3CT.

Background information: I've read when preparing to play a wav file, Windows looks at the sample rate the wav file was recorded in and adjusts itself to process that rate. If wav files are strung together at different rates Windows pauses in between files to reset itself before playing the next file. N1MM's concatenate feature tells Windows to look at all the files in the group before starting the job and figure out what it must do to play them all back. That way there isn't any noticeable pause between audio files. With concatenate selected that advance look happens whether the group consists of a single or multiple files. By using concatenate when stringing wav files together (such as when using ESM or two wav files in a single Fkey message) your on-air messages flow together as they naturally would when you speak the information rather than putting a noticeable pause between each sentence.

N7EPD: All of my WAV files are 44.1 KHz sample rate as far as I know recorded through Audacity over the years including voicing letters files. Today I tried re-recording a couple of my files through the N1MM record on the fly feature through my K4 (just learned how to make a good audio level recording today) and they worked great. Well worked great until I was in run with simple voicing and I had to correct a call. The voicing played the corrected call and then stopped at the new TU message with an error that the sample rate was not the same; it was 8 KHz from the logger record. If it works great with usual ESM: voice the call (all 44.1), send the exchange file (44.1) and then TU file (now 8 khz) but "crashes" after a corrected call when sending the TU file is something wrong with the logger or do I need to go through ALL of my files and resample them at 8 KHz so they will all be compatible if making new recordings on the fly?

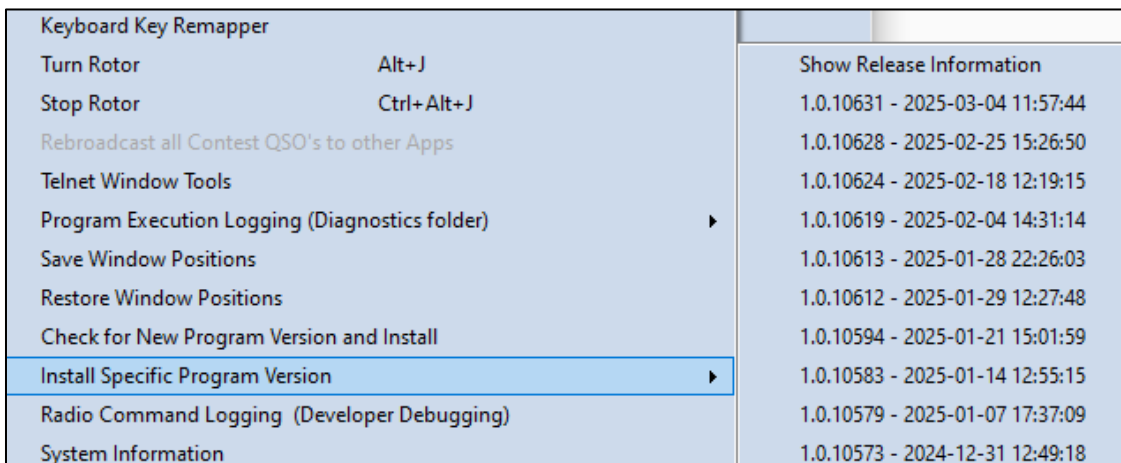
K3CT: You must have the concatenate feature enabled. When this feature is turned off, the wave player stops and starts between each file and can accommodate different sample rate and bit depth files.

When you check the concatenate feature box, the code checks all files in the letters directory.

I am aware of that it takes a long time to complete when there are a large number of files in the directory (40k or more). Some users think the program is frozen.

44.1 kHz sample rate, 22 kHz Nyquist, is really over-kill for a 3 kHz audio channel. Audacity can be used to resample your existing files. Select one of the Logger+ Audio recording rates so sample rate conversion doesn't need to be performed when playing the file.

- SO2R Ops. If you missed the change here's a post from Mike VE9AA, "As of a few months ago there are actually now TWO AMQ (Available,Mults,Q's) windows available to the SO2R op." I haven't tried it yet so don't ask me the details. That was in a thread about using Alt+A and Shift+Alt+A to grab spots from the M&Q window. Be aware that in a follow on post John K3CT wrote, "An Entry window needs focus to use the Alt+A keystroke." If I get around to using that I will probably create a Stream Deck button to handle pulling things in. I can see myself Running on R1, pushing a button to shift focus to R2 and pull the next mult into the Entry Window, then shift focus back to R2. Maybe an If-Then to sense what window has focus and not shift back to R1 if R2 had focus to start with? Hmmm...
- On the N1MM reflector Mike VE9AA wrote and included this image from N1MM's Tools menu,  
if you didn't know/weren't aware, it's super duper easy to roll back version #'s in a few seconds. It's now built right into the program. The Dev's did this so guys could help identify WHEN certain problems crept into the code. Within a couple minutes, (if this is a version issue, you could ID it yourself.)



## Upcoming Contests:

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

## SFOTA Current Leaderboard:

Mar-18-2025						
Current Leaderboard						
2025 OVERALL STANDINGS						
CALL	Contests	CW QSO'S	SSB QSO'S	DIGITAL QSO'S	RTTY QSO'S	TOTAL QSO'S
1) WB4HRL	93	5047	412	0	520	5979
2) WN4AFP	41	3368	1381	37	0	4786
3) KE4EA	57	3997	749	15	0	4761
4) K3DNE	13	777	3727	65	0	4569
5) N4IQ	16	3325	251	0	0	3576
6) K4QQG	13	0	2427	1	802	3230
7) K4FT	32	2729	200	0	136	3065
8) KG4IGC	5	570	438	0	1085	2093
9) W4ANT	27	810	1200	2	0	2012
10) KZ3P	14	691	855	18	414	1978
11) KD4S	22	1259	49	16	461	1785
12) AA5JF	3	1394	352	0	0	1746
13) K7OM	7	449	0	0	952	1401
14) KS4YX	20	358	40	221	580	1199
15) KB1QU	3	612	0	0	376	988
16) KA2G	10	0	895	0	0	895
17) WA4LDU	19	156	229	158	338	881
18) KK4MRG	17	0	789	18	27	834
19) N4QI	16	477	132	0	67	676
20) W1RPG	6	0	623	0	6	629
21) N4XL	5	578	2	0	0	580
22) NI7R	2	550	0	0	0	550
23) AA4SD	5	325	0	0	0	325
24) N1UZ	3	88	0	0	215	303
25) K2SX	6	227	0	0	0	227
26) KS4VJ	4	0	42	49	0	91

2025 INDIVIDUAL MODE STANDINGS							
CALL	CW QSO'S	CALL	SSB QSO'S	CALL	DIGITAL QSO'S	CALL	RTTY QSO'S
WB4HRL	5047	K3DNE	3727	KS4YX	221	KG4IGC	1085
KE4EA	3997	K4QQG	2427	WA4LDU	158	K7OM	952
WN4AFP	3368	WN4AFP	1381	K3DNE	65	K4QQG	802
N4IQ	3325	W4ANT	1200	KS4VJ	49	KS4YX	580
K4FT	2729	KA2G	895	WN4AFP	37	WB4HRL	520
AA5JF	1394	KZ3P	855	KK4MRG	18	KD4S	461
KD4S	1259	KK4MRG	789	KZ3P	18	KZ3P	414
W4ANT	810	KE4EA	749	KD4S	16	KB1QU	376
K3DNE	777	W1RPG	623	KE4EA	15	WA4LDU	338
KZ3P	691	KG4IGC	438	W4ANT	2	N1UZ	215
KB1QU	612	WB4HRL	412	K4QQG	1	K4FT	136
N4XL	578	AA5JF	352			N4QI	67
KG4IGC	570	N4IQ	251			KK4MRG	27
NI7R	550	WA4LDU	229			W1RPG	6
N4QI	477	K4FT	200				
K7OM	449	N4QI	132				
KS4YX	358	KD4S	49				
AA4SD	325	KS4VJ	42				
K2SX	227	KS4YX	40				
WA4LDU	156	N4XL	2				
N1UZ	88						

### 3830 Activity:

Contest	Call	Class	Pwr	Score
ARRLDX CW				
2/17/25	AA4SD	SOAB	LP	3,330
2/17/25	K3DNE	SOUAB	HP	167,376
2/17/25	K4FT	SOUSB10 Limited-Ant	LP	71,214
2/17/25	K7OM	SOAB	HP	123,039
2/18/25	KB1QU	SOAB	LP	127,596
2/17/25	KB4DX	M/2	HP	8,986,1 16
	(K2SX,N4IQ,AA5JF,WN4AFP,KB4DX,W4IX,@ W7WZ)			
2/17/25	KD4S	SOUAB Limited- Ant	HP	304,560
2/17/25	KE4EA	SOUAB Limited- Ant	LP	387,702
2/17/25	KG4IGC	SOUAB	LP	264,654
2/17/25	KZ3P	SOUAB	HP	143,220
2/16/25	N4QI	SOAB	LP	40,977
2/16/25	N4XL	SOUAB	LP	320,901
2/17/25	NI7R	SOUAB Limited- Ant	HP	191,475
2/17/25	NN4SS	SOAB	HP	502,578
2/17/25	W4ANT	SOUAB	HP	226,938
2/17/25	WB4HRL	SOUAB	LP	134,850
ARRLDX SSB				
3/3/25	AA4V	SOUAB	HP	311,751
3/4/25	AA4VT	SOUAB	HP	78,486
3/3/25	K3DNE	SOUAB	HP	2,279,9 88
3/2/25	K4FT	SOAB Limited- Ant	LP	120,000
3/3/25	K4QQG	SOAB Limited- Ant	HP	448,611
3/6/25	KB1QU	SOAB	HP	28,728
3/3/25	KE4EA	SOUAB Limited- Ant	LP	263,220
3/3/25	KG4IGC	SOUAB	LP	306,162
3/2/25	KK4MRG	SOAB Limited- Ant	LP	90,972

Contest	Call	Class	Pwr	Score
3/3/25	N2ZZ	SOAB	HP	18,900
3/3/25	NN4SS	SOAB	HP	85,668
3/2/25	NU4E	SOSB10	HP	50,568
3/3/25	NV4T	SOUAB	LP	24,750
3/3/25	W1MRC	SOAB Limited-Ant	LP	15,876
3/3/25	W1RPG	SOAB Limited-Ant	LP	110,040
3/4/25	W4ANT	SOAB	HP	306,876
3/3/25	WB4HRL	SOUAB	LP	63,600
3/3/25	WN4AFP	SOUAB Limited-Ant	LP	851,640
CQ160 SSB				
2/24/25	WA4LDU	Single Op	LP	7,168
IdQP				
3/10/25	AA5JF	SOABMixed	HP	480
3/9/25	K3DNE	SOABSSB	HP	4
3/10/25	K4FT	SOABCW	LP	280
3/9/25	KA2G	SOABSSB	HP	204
3/9/25	KB1QU	SOABMixed	HP	9
3/10/25	KD4S	SOABMixed	HP	180
3/13/25	KE4EA	SOABCW	LP	8
3/10/25	KZ3P	SOABMixed	LP	119
3/9/25	N2ZZ	SOABMixed	HP	207
3/9/25	N4QI	SOABMixed	LP	45
3/10/25	W4ANT	SOABSSB	LP	9
3/10/25	WA4LDU	SOABMixed	LP	54
3/10/25	WB4HRL	SOABMixed	LP	66
3/9/25	WN4AFP	SOABMixed	LP	1,811
NAQP RTTY February				
2/23/25	K7OM	Single Op	HP	22,826
2/23/25	KG4IGC	Single Op	LP	11,060
2/23/25	N1UZ	Single Op	LP	2,880
2/23/25	N3FR	Single Op	LP	69,784
2/24/25	WA4LDU	Single Op	LP	1,344
NCQP				

Contest	Call	Class	Pwr	Score
2/24/25	AA5JF	SO Mixed	HP	4,978
2/23/25	K3DNE	SO SSB	HP	362
2/24/25	K4FT	SO CW	LP	9,878
2/24/25	K4QQG	SO SSB	HP	1,050
2/24/25	KA2G	SO SSB	HP	122
2/24/25	KD4S	SO Mixed	HP	147
2/24/25	KE4EA	SO Mixed	LP	967
2/23/25	KK4MRG	SO SSB	LP	570
2/23/25	KS4YX	SO Mixed	LP	5,852
2/24/25	KZ3P	SO Mixed	HP	1,722
2/24/25	N2ZZ	SO Mixed	HP	12,936
2/24/25	N4QI	SO Mixed	LP	2,800
2/24/25	W1MRC	SO SSB	LP	1,134
2/24/25	W4ANT	SO Mixed	LP	14,893
2/24/25	WA4LDU	SO Mixed	LP	1,549
2/24/25	WB4HRL	SO Mixed	LP	12,206
2/24/25	WN4AFP	SO Mixed	LP	8,209
OkQP				
3/10/25	AA5JF	SOABMixed	HP	8,778
3/9/25	K3DNE	SOABSSB	HP	60
3/10/25	K4FT	SOABCW	LP	12,276
3/9/25	KA2G	SOABSSB	HP	8
3/9/25	KB1QU	SOABMixed	HP	184
3/10/25	KD4S	SOABMixed	HP	5,247
3/13/25	KE4EA	SOABMixed	LP	564
3/10/25	KZ3P	SOABMixed	LP	2,064
3/9/25	N2ZZ	SOABMixed	HP	4,230
3/9/25	N4QI	SOABMixed	LP	108
3/10/25	NV4T	SOABSSB	LP	1,134
3/10/25	W4ANT	SOABMixed	HP	140
3/10/25	WA4LDU	SOABMixed	LP	1,628
3/10/25	WB4HRL	SOABMixed	LP	3,332
3/9/25	WN4AFP	SOABMixed	LP	18,872
SA10				
3/9/25	KK4MRG	SO SSB	LP	2,020
SCQP				
2/23/25	AA5JF	Cnty ExpedMixed	LP	373,186
2/23/25	K2OS	Single Op FixedCW	HP	187,968

Contest	Call	Class	Pwr	Score
2/23/25	K3DNE	Single Op FixedSSB	HP	635,440
2/23/25	K4FT	Single Op FixedCW	LP	323,346
2/23/25	K4QQG	Single Op FixedSSB	HP	212,544
2/23/25	KA2G	Single Op FixedSSB	HP	264,844
2/23/25	KD4S	Single Op FixedMixed	HP	87,244
2/24/25	KE4EA	Single Op FixedMixed	LP	20,960
2/23/25	KK4MRG	Single Op FixedMixed	LP	16,560
3/6/25	KS4VJ	Single Op FixedDig	LP	3,250
2/23/25	KS4YX	Single Op FixedMixed	LP	1,075
2/23/25	N2ZZ	Single Op FixedMixed	HP	52,272
2/23/25	N4QI	Single Op FixedMixed	LP	21,546
2/23/25	N4XL	Single Op FixedMixed	LP	148,956
2/23/25	NN4SS	Single Op FixedCW	HP	245,340
3/7/25	NV4T	Single Op FixedSSB	LP	74,760
2/23/25	W1MRC(N4NRW)	Cnty ExpedSSB	LP	20,972
2/24/25	W4ANT	Single Op FixedMixed	LP	181,944
2/24/25	WA4LDU	Single Op FixedMixed	LP	14,402
2/24/25	WB4HRL	Single Op FixedCW	LP	166,190
2/23/25	WW4SF(KZ3P)	Single Op FixedSSB	HP	362,976
2/23/25	WW4SF/GRWD(WW4SF,N4XL)	Single Op FixedMixed	LP	60,200
2/24/25	WW4SF/GVIL	M/M FixedMixed	HP	1,407,5 38
	(WW4SF,WN4AFP,@N4IQ)			
TBDC Spring				
3/10/25	K4FT	Single Op	LP	130
VaQP				

Contest	Call	Class	Pwr	Score
3/17/25	AA5JF	SOAB/MixedFixed	HP	2,998
3/15/25	K3DNE	SOAB/PhFixed	HP	24
3/16/25	K4FT	SOSB/CW/20Fixed	LP	180
3/16/25	K4QQG	SOAB/PhFixed	HP	1,560
3/16/25	KA2G	SOAB/PhFixed	HP	2,838
3/17/25	KD4S	SOAB/MixedFixed	HP	2,728
3/17/25	KE4EA	SOAB/MixedFixed	LP	8,262
3/16/25	KZ3P	SOAB/MixedFixed	LP	6,200
3/18/25	N4IQ	SOAB/MixedFixed	HP	15,290
3/17/25	N4QI	SOAB/MixedFixed	LP	3,136
3/16/25	NV4T	SOAB/PhFixed	LP	3,525
3/17/25	W1MRC	SOAB/PhFixed	LP	216
3/17/25	W1RPG	SOSB/Ph/40Fixed	LP	117
3/17/25	WB4HRL	SOAB/MixedFixed	LP	3,264
3/17/25	WN4AFP	SOAB/MixedFixed	HP	36,195
WiQP				
3/10/25	AA5JF	SO Fixed	HP	3,628
3/9/25	K3DNE	SO Fixed	HP	288
3/10/25	K4FT	SO Fixed	LP	8,892
3/9/25	KA2G	SO Fixed	HP	4
3/9/25	KB1QU	SO Fixed	HP	1,664
3/10/25	KD4S	SO Fixed	HP	576
3/14/25	KE4EA	SO Fixed	LP	2,412
3/10/25	KZ3P	SO Fixed	LP	588
3/10/25	N2ZZ	SO Fixed	HP	2,960
3/10/25	N4QI	SO Fixed	LP	548
3/10/25	NV4T	SO Fixed	LP	1,683
3/10/25	W4ANT	SO Fixed	HP	480
3/10/25	WA4LDU	SO Fixed	LP	408
3/10/25	WB4HRL	SO Fixed	LP	2,288
3/9/25	WN4AFP	SO Fixed	LP	180

=====

73 es QRT de N4XL