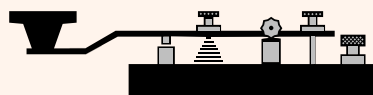


# NAQCC NEWS



ISSUE 293 • NOVEMBER 2022



## KEY CLICKS

### • **IN THIS ISSUE**

The Prez Sez prizes will be awarded soon; Rich KC3MIO files the 18th anniversary report; N3A op soapbox; Don VE3DQN looks back at the first year of the popular new QSO Party Challenge; A new Letter Challenge is in the cards; Harry NV7K is getting it done without so many radios; October Anniversary Sprint results; Mark W8EWH takes a new retro portable QRP CW rig for a spin in the park; Awards; Net reports and new times; Three outing reports from our chapters (plus a last-chance offer for PA members); Polls; and more.

### • **>150,000 MILES PER WATT!**

Dave K8BYP #11325 continues his experiments with resonant antennas, dead bands, and insanely low power. See page 6.

### • **STAN WB2LQF #4740 SK**

We're sad to report the passing of frequent Sprint participant and newsletter contributor *Stan WB2LQF*.

### • **MASTODON.RADIO**

If you're looking for a friendlier alternative to 'the bird site': "*Mastodon.Radio is a community space for the Amateur (Ham) Radio community. It's entirely funded by its users. Come join us and talk radio, technology, and more!*"

### • **YOUR ARTICLE NEEDED!**

Please take a few minutes to tell us about your latest excursion, that thing you built, your favorite rig, or something funny. As long as it relates to QRP CW. Send it to Paul KD2MX: [kd2mx@arrl.net](mailto:kd2mx@arrl.net)

### • **UPDATE YOUR MEMBER INFO**

Any time you change your QTH, email, or callsign, you can update your member info with a simple online form. First, check your information at <http://naqcc.info/memberlist.php> to make sure the rest of the fields are correct and then fill out the member update form here: [http://naqcc.info/member\\_updates.html](http://naqcc.info/member_updates.html)

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# THE PREZ SEZ...

## GREETING FELLOW NAQCC MEMBERS,

IF YOU USE THE CHALLENGE APP, PLEASE NOTE THE CHANGE IN THE URL:

<http://naqcc.wb5rvz.org>

I sent out two separate messages this past month, but it seems a few didn't "get the message." The App is working fine.

TIME CHANGE OCCURED ON NOVEMBER 6th.....adjust your clocks back an hour!

This month the 18th Anniversary Prizes will be awarded – the rules were simple – for a 1st Tier Sprint prize (Prizes 1, 2 and 3), you need to be an NAQCC member, you needed to submit a valid log for the Oct Sprint, and you need to have 9 participation points as of September 30th. Points are acquired for monthly participation in Sprints and Word Challenges from Jan to Sept. Once those 3 prizes are awarded, the remaining folks go back into the pool of Oct Sprinters for the remaining prizes 4 thru 10.

The 3 challenge prizes are awarded to those who are NAQCC members and submit at least a completed word in the October Challenge. All prize awards are selected by a random number generator and once a prize is won by a member, they are no longer eligible for a prize. Prizes and winners will be listed on the Prize Page [http://naqcc.info/prize\\_drawing\\_18th\\_anniv.html](http://naqcc.info/prize_drawing_18th_anniv.html)

Our Newsletter Editor Brent WT4U is always looking for submissions for the Newsletter. Send Editor Paul K2DMX an e-mail if you have something to submit or need more information - [kd2mx@arri.net](mailto:kd2mx@arri.net)

## NOVEMBER NAQCC ACTIVITIES:

- **Monthly Sprint** – Thursday, November 17, 2022, 0130-0330Z- (That's the evening of Wednesday, November 16, 2022 for us here in North America). <http://naqcc.info/contests.html>
- **November 2022 Monthly Challenge** – The Playing Card Map Challenge - <http://naqcc.info/challenges/challenges202211.html>
- **Our Weekly Nets** - [http://naqcc.info/cw\\_nets.html](http://naqcc.info/cw_nets.html)

Hope to see you in the Sprints! Stay safe and get radio-active! AND HAVE FUN!

**72/73!**  
**Steve Szabo WB4OMM #5913**  
**NAQCC President**



***A little bit of QRP on a wire goes a long way!***



# 18<sup>TH</sup> ANNIVERSARY REPORT

BY RICH KC3MIO #9942

Our NAQCC 18th Anniversary is over, the logs have been collected and I am writing to recap the results. I think things went smoother this year, but there is still room for improvement.

Twenty-seven ops volunteered to put out our N3A call from nine continental regions and

Puerto Rico. Some ops were unable to get on the air and a few were unsuccessful due to limited operations, and in the end, 22 operators submitted logs, with logged contacts ranging from 3 to 91.

N3A/# STATISTICS FOR 2022 AND THE PAST FIVE YEARS						
Year	2017	2018	2019	2020	2021	2022
Total QSOs	1718	957	515	825	772	768
# of Operators	37	35	27	42	24	22
Avg QSOs/Op	46.4	27.3	19.1	19.6	32.2	34.9
US States	49	46	43	45	45	42
VE Provinces	4	7	2	6	4	2
DX (non W, VE)	15	21	4	15	8	19

NA3/# QSOs by Band - 2022										
Band	160	80	60	40	30	20	17	15	12	10
# QSOs	6	33	0	430	32	224	18	13	3	9
% of total	0.8	4.3	0	56	4.2	29.2	2.3	1.7	0.4	1.2
NA3/# QSOs by Band - 2021										
# QSOs	3	69	0	460	39	196	3	2	0	0
% of total	0.4	8.9	0	59.6	5.1	25.4	0.4	0.3	0	0

Compared to last year, there was a continuing shift to 20 meters and above this year (35% of the QSOs), versus 26% last year. The only band with no contacts was 60 meters.

This year was a mixed bag with QSOs and Operators down, but the QSOs per op were higher than all but one of the last six years. We worked all states except ND, AK, HI, ID, NV,

OR, RI, and MT and we only worked two Canadian provinces: ON and AB. The number of DX contacts was up to the highest number in five years. The countries worked were Italy, Poland, Germany, New Zealand, Lithuania, Belgium, Portugal, Spain, Croatia, Bosnia and Herzegovina, Cuba, England, France, Hungary, Bulgaria and Ireland.

## QSOs VERSUS TIME ON THE AIR

How did our ops do during their time on the air? I downloaded the spotter database, which collected scheduled operations according to call signs, frequencies, and times, and used Excel for some analysis.

What I found was that our N3A ops scheduled almost 212 hours of operation during the week. Of course, actual operations were likely less than scheduled times, but that represented 9.6 hours per operator. With 768 QSOs, that worked out to about 3.6 contacts per hour, which seems like a low yield for our efforts.

I'm guessing that most of us did a lot of "CQ N3A/#" and with five watts at most, it's hard to get the world's attention (I know that some ops were using the search & pounce approach). Spotting is very helpful and hitching your efforts to Parks on the Air, turbocharges your efforts. I had two successful POTA activations during which I made

10 and 12 contacts, respectively, in 40 minutes. I don't know how many of our ops did POTA activations, but at least a few did. There may be techniques that we can use to increase the efficiency of our celebration and gain more contacts. I continue to learn in my second year organizing the anniversary and have some ideas for next year.

I think we had fun and will do even better next year. I believe that next year's Anniversary will run from 10/7 to 10/14. I hope to get more operators and fill in sprint ops for all regions.

Here is the list of N3A who made at least one QSO during our anniversary celebration. We thank all of you on behalf of the Club for the time and effort you put into our special event (including the chore of logging and reporting). Calls in **bold** were the special event operators who were active during the sprint.

Section	Operators
N3A/1	K1RID
N3A/2	<b>N2JF</b> , WB2SMK, K2PHD
N3A/3	K3WWP, <b>KC3MIO</b>
N3A/4	<b>K4KBL</b> , <b>KC5F</b> , <b>K4BAI</b> , W4CMG, W4SLV, AC6ZM, KI4DEF, KN4OK
N3A/5	<b>N5GW</b>
N3A/6	None
N3A/7	<b>N7CQR</b>
N3A/8	<b>N8XMS</b> , K8NGW, W3IQ
N3A/9	KC9IL
N3A/0	<b>W0EJ</b> , W0ITT





## N3A OPERATOR SOAPBOX

**N3A/2 N2JJF:** Had a lot of fun activating N3A/2 but did not have many contacts after spotting myself. Got most of my contacts searching around QRP watering holes. Worked quite a few POTA stations. Looking forward to next year and big thank you to Rich for organizing everything and keeping us all up to date.

**N3A/0 W0EJ:** Tnx for letting me participate again this year, count me in for 2023

**N3A/1 K1RID:** Great fun again this year!

**N3A/4 KC5F:** I thought it was slow, but it's the best of the three years I've done it. I was hoping to have as many QSOs as in the Sprint, but came up short one - 36 vs 37. If I could have operated in the first 72 hours it probably would have been better, as the 4th call area is not as much in demand after the start. Maybe next year! But I had lots of nice QSOs, exactly half with non-members. Thanks, all! 72/73 - KC5F

**N3A/8 W3IQ:** Band Condx not very good and then on Wednesday CWT on top of me. Other than that (Great Fun!!!)

**N3A/4 W4LSV:** QSO's were few for the number of hours on the air.

**N3A/4 W4CMG:** Great event, wish I could have spent more time and had better results. Slow going for the most part, with many of the stations in the north and north central US.

**N3A/4 KI4DEF:** Not very many contacts (13 in 7.5 hrs), but lots of fun! Band condx varied from very good to poor. Most contacts were with members--including several who were N3A/n ops using their own call (once N3A/5 to N3A/4)--but a few non-members who were curious about the Special Event and NAQCC, all but one QRP. Maybe one or two of them will join! Mostly short exchanges, but one longer chat. Thanks to all for the QSOs, and to those who took the time to put N3A on the bands! Hope to hear you again next year!

**N3A/9 KC9IL:** All in all, a fun time again this year. I noticed I had better luck lower in the CW sub-band, closer to where the action is. This was especially true on 20 meters. Maybe folks just don't tune up that high (14.060). Or maybe people weren't using the spotting page. My experience was roughly half the contacts were with NAQCC members and the other half not. This was regardless of where in the band I was.

**N3A/4 KN4OK:** Conditions were great, but very few replies :(

**N3A/0 W0ITT:** Limited on operating time. Good fun, thanks for the QSOs.

**N3A/8 K8NGW:** Poor conditions with lots of atmospheric QRN (S8-S9+) each night. I did however, have a Reverse Beacon Network window open while working and verified my signal was covering the eastern half of the US. As in years past, the 160 CW operators continue to be very few and far between!

# QRPP SUCCESS

BY DAVE K8BYP #11325

I worked 150+ straight line miles on 40 CW during absolutely DEAD band conditions (poor but no noise!) two weeks ago on 1.01 mW average power.

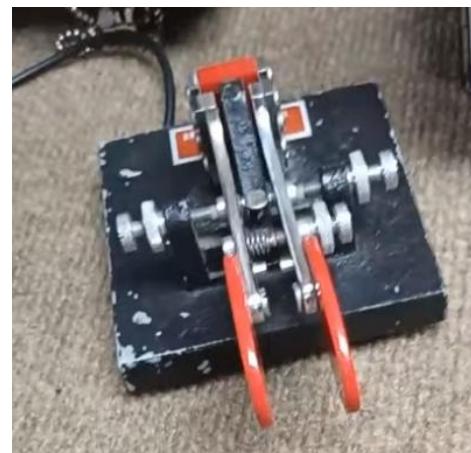
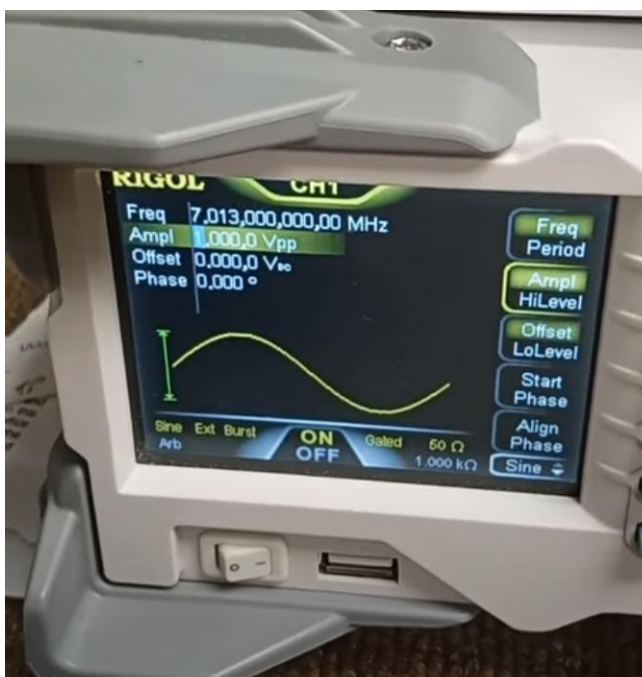
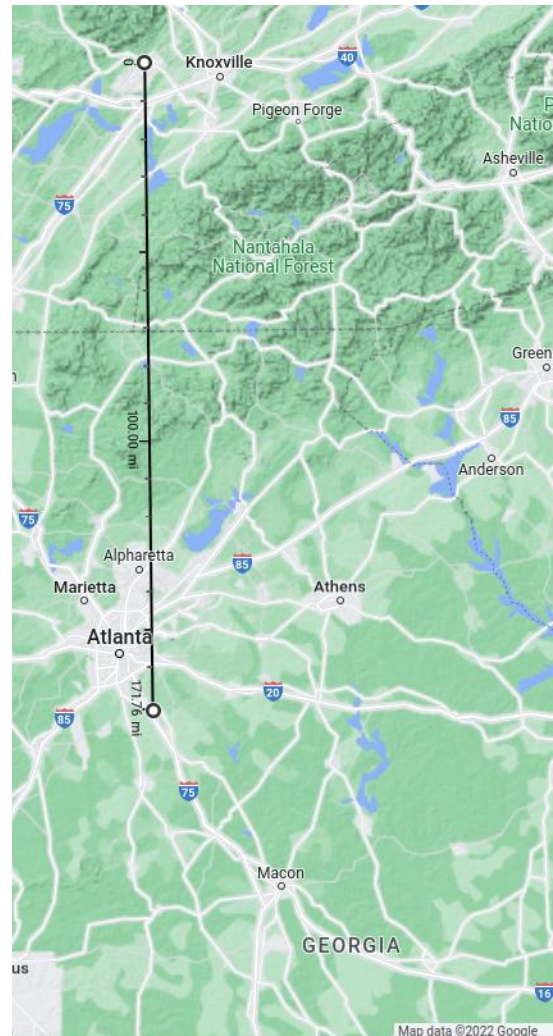
1.01 mW Q5 signal, 500 mV PP voltage. Heard but poor copy below that.

The transmitter was a Rigol Arbitrary Waveform Generator to a 40 M dipole fed with 75 ohm LMR-400 with a L network to match the TX to the line.

My experiments are in high efficiency and directional antennas—using dipoles and verticals which are usually not very directional.

CQ is publishing the Test Equipment QSO article in their next issue, I assume.

QRPP test video: <https://m.youtube.com/watch?v=KkoeGXluGbY>



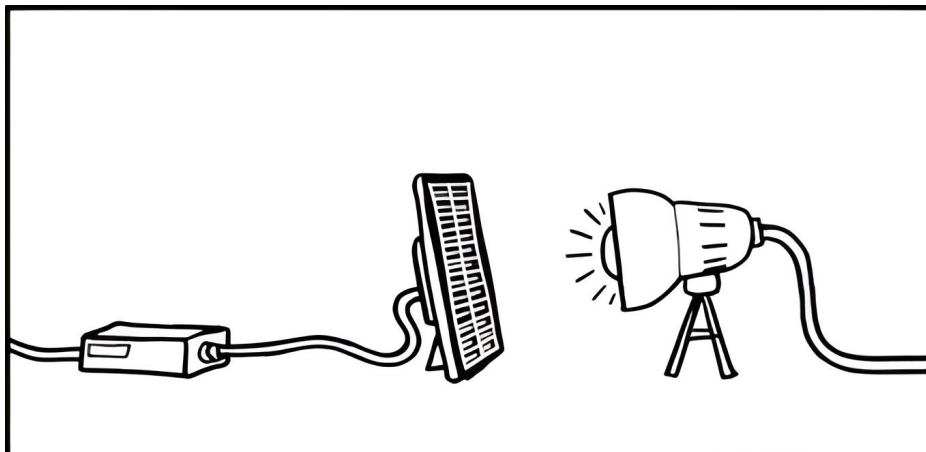
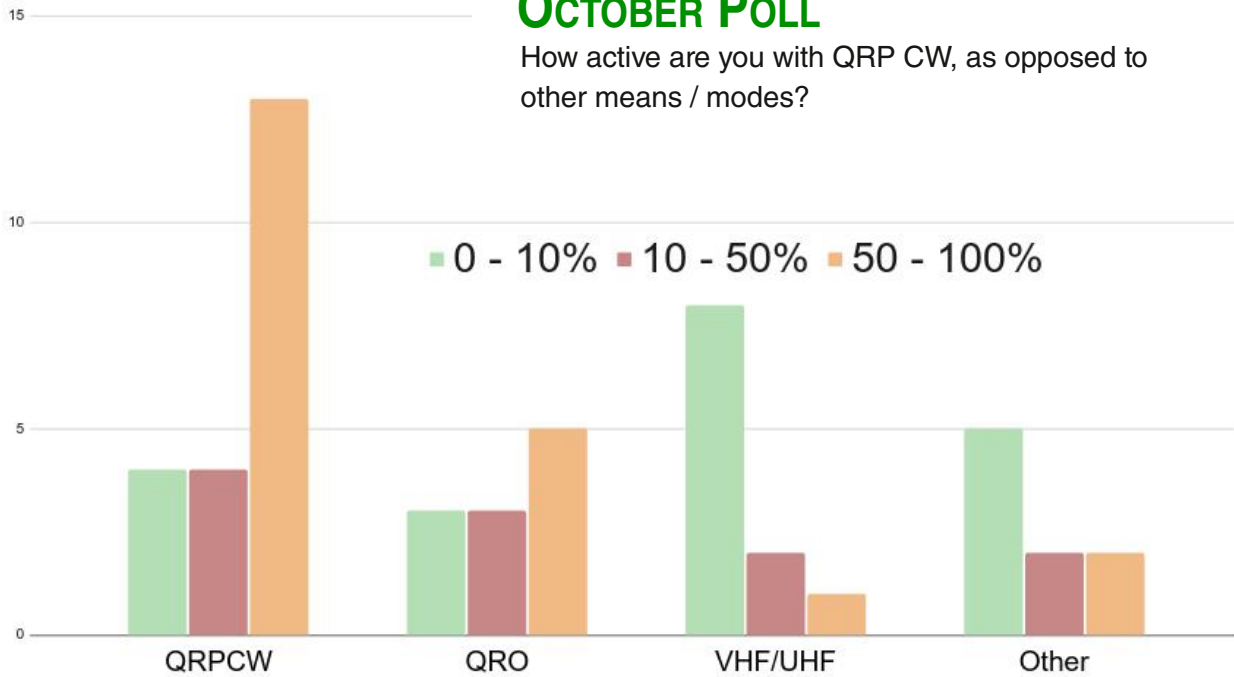
# MEMBER POLL

## NOVEMBER POLL

Did you take part in our 18th Anniversary Celebration? Let us know at [http://naqcc.info/poll\\_new.html](http://naqcc.info/poll_new.html)

## OCTOBER POLL

How active are you with QRP CW, as opposed to other means / modes?



xkcd.com

ENERGY TIP: INCREASE THE SECURITY OF YOUR HOME POWER SUPPLY BY INSTALLING AN AIR GAP.

# NAQCC STATE QSO PARTY RESULTS, REVIEW, AND REFLECTIONS

BY DON VE3DQN #5846

A year ago I submitted to the NAQCC Newsletter an article on the State QSO Party (SQP) Challenge and the fun I had in participating [http://naqcc.info/newsletter/newsletter\\_281.pdf](http://naqcc.info/newsletter/newsletter_281.pdf). In conclusion I suggested that the SQP Challenge would provide a friendly little competition among us NAQCCers, at least insofar as we operate CW and QRP for our Challenge scores. After a month or two I thought that might be as far as the suggestion goes.

## GETTING THE WORD OUT

Our intrepid NAQCC Newsletter editor Brent WT4U picked up the ball and ran with it. In the February 2022 issue ([http://naqcc.info/newsletter/newsletter\\_284.pdf](http://naqcc.info/newsletter/newsletter_284.pdf)) he proposed exactly how we could organize that friendly competition, and he took on the “challenge” of tracking and reporting each month which NAQCCers have participated in the SQPs, what their scores are, which award level they're currently at, and, given the same rate of participation, what their score might be by the end of the SQP season.

## OUTSTANDING RESULTS

Here are the results, folks [drum roll]: **47 members made 12,733 QSOs in 47 SQP events**, with 18 qualifying for awards from Bronze to Platinum.

Alan KR4AE was top scorer among us, and Mike W7LG was not that far behind him. Once KR4AE was out of the gate

with his impressive QSO rate, and especially after his incredible performance in the GaSP (his home state) in April, we figured there was no catching him. W7LG's QSO rate wasn't quite as high, but at times I wondered if his multiplier (having participated in 45 of the 47 possible SQPs) might tip the scale in his favor.

## FRIENDLY COMPETITION

Brent WT4U and I had our own friendly competition for 3rd place, one month he might have the edge, the next month I'd pull ahead...barely. Again, it was his skill in gaining multipliers (45 to my 42) that catapulted him into third.

Member	Mult	QSOs	Score	Award
Alan KR4AE, #5847	37	1,674	61,938	Platinum
Mike W7LG, #10391	45	1,111	49,995	Platinum
Brent WT4U, #9019	45	615	27,675	Platinum
Don VE3DQN, #5846	42	650	27,300	Platinum
Dave AB9BZ, #9309	41	531	21,771	Gold
Rick KY0Q, #9647	28	481	13,468	Gold
Anthony K8ZT, #412	31	374	11,594	Gold
Bob N2EIM, #10373	21	385	8,085	Silver
Dale WC7S, #272	12	578	6,936	Silver
Will NQ2W, #4839	9	694	6,246	Silver
John W2QL, #8914	17	222	3,774	Bronze
David K6FA, #10626	2	479	958	Bronze
David N6AN, #10749	1	880	880	Bronze
Mark NX1K, #1949	2	400	800	Bronze
Kevin KE3V, #855	5	148	740	Bronze
Mark WA2NYY, #6388	2	320	640	Bronze
Dave W7UUU, #8459	2	317	634	Bronze
Don KI4MZC, #10922	7	80	560	Bronze



Really though, all of us were winners. Whatever gets us to the shack for 30 minutes or a few hours on a weekend to operate QRP CW is a winning formula. State (and province) QSO parties draw just the right amount of participation to give space for weak signals: not so much that we always lose out to the “top guns” signals and not so few that we might not score in the short time we have to operate.

**TAKEAWAYS**

Here are a few thoughts as I experienced doing the SQP Challenge this year with fellow NAQCC members rather than just by myself.

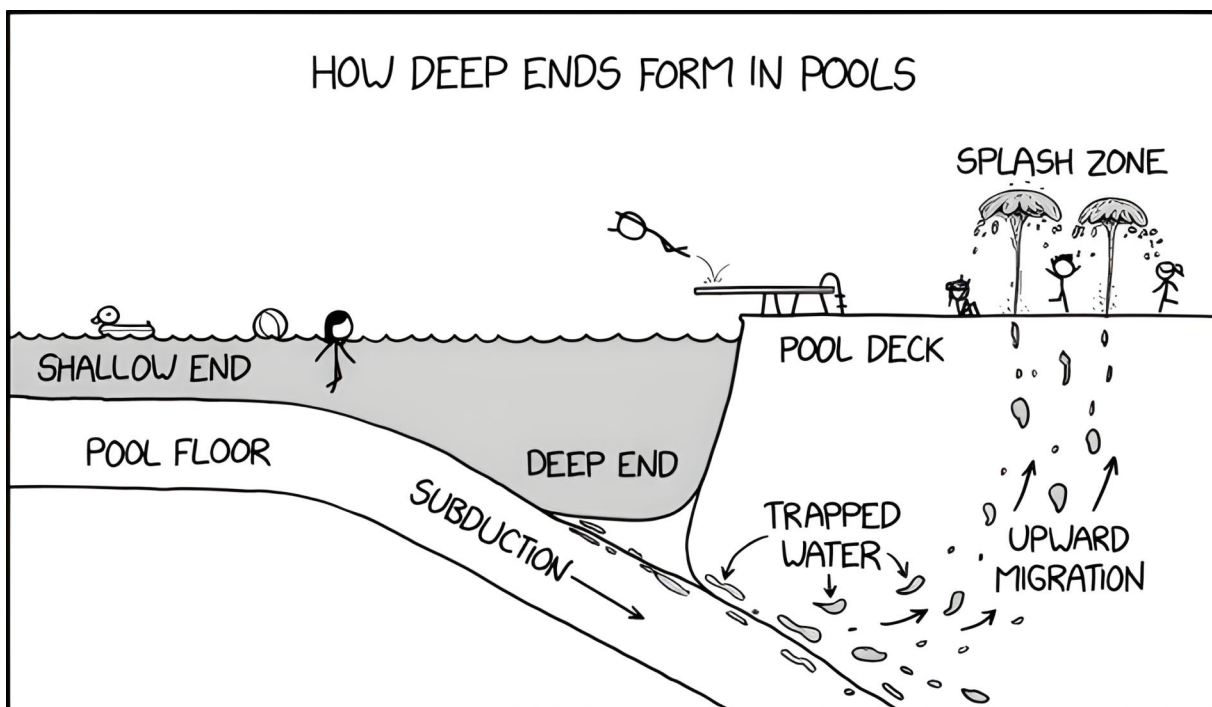
- It was encouraging to see the group of NAQCC participants growing with each month. 47 participants by the end of the SQP season is an impressive total.
- Brent WT4U's feature on the SQP Challenge in each month's Newsletter was BIG factor in keeping up interest. Kudos to Brent!
- It was fun to see the “NAQCC” as the partici-

pating club that folks posted on [3830scores.com](https://3830scores.com).

- I was more motivated to get on the air at least to snag 2 Q's in order to gain the multiplier factor, knowing that Brent for sure wouldn't miss that multiplier :-)
- Aiming for the Platinum level SQP Challenge award was an incentive for me. As I don't spend lots of time in a weekend contest, through the year I frequently did the math to see if I was on target.
- A highlight for me was snagging a QSO in the HiQP at 0530h local time. I wouldn't have gotten up that early if it weren't for the SQP Challenge.
- I'd like to add a Soapbox line to next year's reporting. I'm not sure how, but being the social creature I am, I'd love to hear the stories and tips of other NAQCCers during the year.

See you in the SQP Challenge 2023!

–Don VE3DQN #5846



# NAQCC CHALLENGE

BY GARY K1YAN #2365

## THIS MONTH'S LETTER CHALLENGE: PLAYING CARD MAPS

If you were in the military, you know that there can be boring hours with little to do. If you were a WWII prisoner of war this was most of your daily life. To help them through the many slow hours and help meet their daily needs, the Red Cross distributed special Christmas parcels. One item in the package was a deck of playing cards. This was a pretty innocent item that received little attention from prison guards, or was it?

If you were able to escape from a camp your problem was only partly solved. It was likely that you didn't have much of an idea where you were or how to get to friendly territory.

The U.S. Playing Card Company, a huge player in the card business, with brands like Bicycle, Bee and Aviator, joined forces with American and British intelligence to provide a tool for escaped prisoners. Dunk that deck of cards from the Red Cross into some water and you could peel the cards apart to reveal parts of a map. Lay out the cards in order and the parts formed a complete map.



This clever idea is believed to have helped at least 32 people escape from the prison at Colditz Castle and motivated over 300 other escape attempts. The only two known surviving decks are at the International Spy Museum in Washington, D.C. Bicycle published a commemorative map deck which may still be available through various sources for you collector types.




**WORDS**

- U S PLAYING CARD COMPANY
- RED CROSS SPECIAL CHRISTMAS PARCEL
- BICYCLE BEE AND AVIATOR
- HIDDEN ESCAPE MAP

**CHALLENGE TRACKER:**

A	B	C	D	E	G	H	I	L	M	N	O	P	R	S	T	U	V	Y

X Every time you work a new station this month, mark off the lowest box under each letter of the call to track your progress and see what letters you still need. You can download a printable version of this month's tracker at: [http://naqcc.info/challenge\\_tracker.pdf](http://naqcc.info/challenge_tracker.pdf)



Entering the Challenges earns you participation points so you're eligible for the best prizes in the annual anniversary drawings.

**SUBMITTING YOUR ENTRY**

The easiest way is to use the great tool hosted by Robby WB5RVZ. Create an account, choose this month's challenge, and paste in all the eligible calls you worked. It will apply the letters, tell you what you're missing, and fill out the email for you. <http://naqcc.wb5rvz.org> **new link!**

If you want to do it by hand, or got some but not all of the words and want to pick up a participation point, send an email to

Subject: (your call) NAQCC (month year) Challenge

Body: your call:  
 word1 - call1 call2 call3  
 word2 - call1 call2 call3

**RULES:**

Just make ALL the words from calls of stations you work subject to the General Challenge Rules. (Any spaces in the phrases should be ignored. For example the challenge phrase "INVERTED V ANTENNA" should be treated as if it is the single word "INVERTEDVANTENNA.")

Each letter in a callsign you work during the month can be used twice to complete the challenge words. Complete rules, information, and a helpful tutorial on how to organize your work for an alphabet challenge along with detailed general rules and submission instructions can be found at [http://naqcc.info/challenges\\_rules.html](http://naqcc.info/challenges_rules.html)



## NEXT MONTH'S CHALLENGE

Get an extraordinary return on your investment in next month's December Ponzi Scheme Challenge.  
<http://naqcc.info/challenges/challenges202212.html>

## LAST MONTH'S CHALLENGES

The deadline for submissions for the McElroy letter challenge is still a few days away. You can see what has been submitted so far at <http://www.naqcc.info/challenges/challenges202210.html> and final results will be posted on that page shortly after the 10th of the month.

## CHALLENGE HONOR ROLL

We honor the following members for their outstanding participation over the years in our monthly challenges. Exact counts can be seen at [http://naqcc.info/challenges\\_schedule.html](http://naqcc.info/challenges_schedule.html).

Number of Challenges	Members
25+	KU4A N1JI K9OSC KD0V KA5PVB N4OW KB1M WY3H WY7N AC2C VE3HUR DK1VD KI4IO N1LU KD2MX
50+	VE3FUJ WI5H NF1U WA2FBN AK3X W3IQ KJ4R VE3DQN G3JFS AH6AX N9SE WB4OMM
75+	PA0XAW PA9CW
100+	K1IEE
125+	K1YAN
150+	W2JEK K3WWP N8XMS

### CHALLENGE SOAPBOX SAMPLER

**KC5F:** Good timing for 10m to open up to Europe and South America! Even with an 80m EFHW, 5w was enough for plenty of 10m DX. US and Canada on 40m, 30m and 20m filled in the rest. Lots of fun, as usual!

**N8RVE:** Great Challenge again, and was able to meet some great hams, thanks again for these challenges.

**PA9CW:** I activated this weekend three parks in PA-land. And made over 140 QRP/CW QSO's. So I made enough QSO's for this challenge. 73 and CU in the next one. PA9CW 73/44 - Tonnie

**K4NE:** My operating time was spread out this month, so I ran the Challenge all the way to the end before I finished. My high point was working KQ4BOU for my last letter and his first QSO!

**Don't forget the new link to submit: <http://naqcc.wb5rvz.org>**



# Downsizing

BY HARRY NV7K #3327

I am getting of an age where downsizing my long ham operation is advisable. I am mostly a QRP person but have a few skeds that I need 100 watts for. I am an avid kit builder and really enjoy making a contact with the finished product now and then.

I have been using an Elecraft K3 and a Yaesu FT817 for going on 20 years. My downsizing plan included selling those two rigs off and acquiring an Elecraft KX3 xcvr and an Elecraft KXPA100 amplifier.

I was able to get the amp right away but waited six months while the xcvr was still not available. So I revised my plan and purchased an ICOM IC705. I'm now collecting items to get the two mated up and hope to be on the air in the near future. Hope to hear you!



## N3A OPERATOR SOAPBOX (CONTINUED)

**N3A/2 K2PHD:** Band conditions were rather poor at my QTH, and my operating time was limited but I still managed a few contacts.

**N3A/8 W3IQ:** Conditions at my time slot were not very good. Did enjoy the contacts I worked though.

**N3A/4 AC6ZM:** KP4 was damaged during the hurricane so that station did not make any contacts. Last minute business travel interrupted more significant participation but did manage to get on and make a few QSOs. It was nice to work a few DX.

**N3A/3 K3WWP:** Conditions were rather poor, but as always, a portable op (Kittanning Community Park) with Mike KC2EGL is a lot of fun. Good weather, fresh air, a good friend, and ham radio is a great combination. Mike and I do this every year for Anniversary Week on Columbus Day.

**N3A/8 N8XMS:** I had an absolute blast operating N3A/8! I had 60 QSOs (26 in the sprint) on all seven bands from 10 through 40 meters, using my Elecraft KX3 and HyGain AV640 vertical. About a third of the people that I worked were non-members and at least a couple of them said that they were going to look into joining the NAQCC. It was especially fun to work some DX on 10 and 12 meters, bands that I don't get on very often. 73, Paul N8XMS

# NAQCC SPRINT

## NOVEMBER SPRINT

Our Sprint this month will be on Thursday, November 17 0130-0330 Z. That's the evening of Wednesday, November 16th in North America. Complete information at <http://naqcc.info/sprint/sprint202211.html>.

### RULES

Complete sprint rules and instructions on how to submit your log can be found at [http://naqcc.info/sprint\\_rules.html](http://naqcc.info/sprint_rules.html). On that page you will also find information about the different computer loggers that are supported for our sprints. The membership data files for those supported loggers can be downloaded at <http://naqcc.info/contests.html>. **Please be sure to always get the latest membership data for your logger about a day before the Sprint.** A complete schedule for our upcoming sprints can be found at [http://naqcc.info/sprint\\_sked.html](http://naqcc.info/sprint_sked.html).

## OCTOBER ANNIVERSARY SPRINT RESULTS:

Complete Sprint results, including all of the soapbox comments, can be found at <http://www.naqcc.info/sprint/sprint202210.html>. High scores can be seen in the tables on the next page.

We would especially like to welcome our first-time regular sprint loggers and hope that they will return to participate often: KO4WFP, N4CLY, W5WJN, W1TM, KM4JEG, & W3IPA

October Sprint				
	Current Month	Previous Month	All-Time Record	Record Date
Logs	110	101	217	4/17
Participants	163	151	269	2/13
Total QSOs	1724	1687	3154	4/17
Hour 1 QSOs	954	912	1704	4/17
Hour 2 QSOs	770	775	1450	4/17
20m QSOs	130	367	1232	8/13
40m QSOs	1395	1261	2203	4/17
80m QSOs	199	59	1417	2/13
Avg QSOs/Station	15.7	16.7	19.3	9/11

SWA STRAIGHT KEY CATEGORY			
Division	1st	2nd	3rd
W1	K1MZM	AC1KV	KN1H
W2	KA2KGP	W2SH	KN2G
W3	KD3CA	N3A/3	AK3X
W4	K4NE	KC5F	W4NLT
W5	N5ZN	KG5HCF	KD5MMM
W6	-	-	-
W7	N7KM	KJ7KDB	-
W8	N8BB	N3A/8	W8GG
W9	WB9HFK	K9NUD	K9QEW
W0	N3A/0	N0TA	AD0YM
Canada	VE2KZW	VA3NU	-
DX	-	-	-

SWA BUG CATEGORY			
Division	1st	2nd	3rd
W1	WB1GYZ	-	-
W2	WA2FBN	-	-
W3	NN3E	K3WWP	-
W4	KY4ID	WD4CFN	KJ4R
W5	-	-	-
W6	-	-	-
W7	-	-	-
W8	K8NGW	-	-
W9	-	-	-
W0	KD0V	-	-
Canada	VE3HUR	-	-
DX	-	-	-

SWA KEYER/KEYBOARD CATEGORY			
Division	1st	2nd	3rd
W1	W1ZU	KB1M	K1IX
W2	W2ITT	N3A/2	WA1GWH
W3	KC3RN	AC5XK	W3IPA
W4	N3A/4	K4KBL	WB4IT
W5	N3A/5	KA6J	-
W6	-	-	-
W7	KF7Z	N3A/7	-
W8	WI8J	WA8SAN	NG8S
W9	NN9K	KY0Q	N3A/9
W0	W1TM	KC2MJT	-
Canada	VE3DQN	-	-
DX	DK1VD	-	-

GAIN CATEGORY			
KEY	1st	2nd	3rd
SK	NQ2W	N4JAW	-
BUG	-	-	-
K/K	WB4OMM	-	-

FIRST-TIME ENTRANT HIGH SCORE			
Key Type	1st	2nd	3rd
SK	KO4WFP	N4CLY	-
BUG	W5WJN	-	-
K/K	W1TM	KM4JEG	W3IPA

N3A/# ANNIVERSARY OPERATORS			
Key Type	1st	2nd	3rd
SK	N3A/0 (W0EJ)	N3A/8 (N8XMS)	N3A/3 (KC3MIO)
BUG	-	-	-
K/K	N3A/9 (K9DRP)	N3A/5 (N5GW)	N3A/4 (K4BAI)

## SPRINT HONOR ROLL

We honor the following members for their outstanding participation over the years in our regular sprints. Exact counts can be seen at [http://naqcc.info/sprint\\_dates.html](http://naqcc.info/sprint_dates.html).

Number of Sprints	Members
50+	WB1GYZ KF7WNS KJ4R KC7DM AA0W N7QR KB0ETU NN0SS K2YGM AA7CU VE3GNU WD4OHD K4KBL N8QY WY3H K6CSL W5UAA AB8FJ WK6L KC2EGL K2HT KE9DR NN9K K1IX K4ORD K5GQ N1JI W4HH KB4QQJ KB9ILT WA2NYY AA5LH N8HWW
75+	N8LA KQ1P K4NVJ KD3CA K9EYT K9OSC VE3FUJ WD0K WB4OMM N8BB KB1M N2CN WA1GWH K6MGO VE3DQN NF5U WA2FBN WB9HFK N8APO WI5H NQ2W
100+	K1IEE K4KRW W4DUK AA9L AK3X KD2MX NO2D N5GW NA4O KN1H WB8ENE KA9FQG N4MJ
125+	K2CWM K4JPN KD0V N4FI N2ESE KE5YUM WX4RM WA8SAN WG8Y N0TA
150+	W9CC K4BAI N8XMS NF8M K3RLL KU4A
175+	W2JEK W2SH W8GG
200+	K3WWP KA2KGP

### SPRINT SOAPBOX SAMPLER

**WB4OMM** - Well, Hurricane Ian got my OCF wire in the trees (I was able to take it down just as the rain/wind bands started), but have not had time to get it back in the air - so I was limited to using my 3 EL beam on 20M. Made 5 good Qs, then called until 45 mins into the Sprint and the band went, "bye bye." Did snag N3A/0.....thanks!!! 72/73 to all, hope you had fun in this year's Anniversary Sprint! Steve

**WD4CFN** - Thanks for the Q's and for deciphering my bug fist! It was a fun event.

**KM4JEG** - 1st Sprint...I apologize to all for my fat fingers but it was fun

**VE2KZW** - My first sprint since July. First time using the PAR EndFedZ. Local noise on 40m but things went really well. Rig: KX2 and Begali Spark. Thanks to all and 73, Robert

**N8BB** - Have been away for too long and wanted to make an honest effort out of this one. Started and mostly stayed on 40 meters throughout and called cq for the whole event. What a blast I had. Stats showed 54 contacts and if I figure right that's one Q every 2 minutes or thereabouts. Thanks to all the hams out there new and old that participated. Made this one a great event and one I will enjoy to say I was in. Elecraft K3 5 watts to a dipole.

**KY4ID** - Great fun and FB ops as always. Highlights were getting 3 of the Special Event stations, K3OIL (11244, welcome!), and finally getting DK1VD in the log. That last one was tough! Lots of repeats. I move that we increase the point value of DX stations. Ha! Thanks for all the QSOs and fun. See you next time. 73, Burton, KY4ID



# AN AFTERNOON POTA ACTIVATION WITH THE PENNTEK TR-45L

BY MARK W8EWH #9622

I have a hard time resisting new QRP radios, and I have an equally hard time resisting getting outdoors when late October brings 70F (21C) temps to Michigan. Days like these are especially sweet given we saw the first snow here last week (no accumulation – but still...). For me there was no better way to enjoy this unexpected weather gift than with an early afternoon POTA activation with my newest QRP radio, the Penntek TR-45L.

## 5 BANDS, 5 WATTS, & ALL CW

The TR-45L is the latest radio from WA3RNC, joining the TR-35 and TR-25 in his [online store](#). It's a 5-band, 5-watt CW transceiver covering the 80, 40-, 30-, 20- and 17-meter bands. That in and of itself is not particularly noteworthy. But when you look at this radio, you'll immediately see what makes it different.

The retro look for me is unlike anything I have seen in a modern QRP radio. It frankly looks like it was removed from an Apollo Command Module. From the front meter to every knob and switch, this radio just begs to be fiddled with. And each knob and switch serve a function that means no longer needing to dig through menu after menu to find where the narrow filter is switched in because of nearby QRM, or so I can slow down when my CQ POTA is responded to by a slower CW call. I speaker is located on the (left) side of the radio, a feature many smaller QRP radios don't have, though headphones can be used via a front mounted jack. The radio sounds great – I think the



radio's case provides a nice sound chamber. The TR-45L comes with a couple of options, neither of which I chose to add to my order. One is a built-in rechargeable battery (5200 mAh), and the other an antenna tuner. I have plenty of batteries, and normally use resonant antennas.

## POTA TEST

With the Monday late morning temperature approaching 70 I packed the car with radio gear, and my wife, and we headed out to Island Lake State Recreation Area (POTA K-3315) to activate this park with the TR-45L for the first time. My wife is not a ham but often comes with me to POTA activations. While I set up, activate, and then pack up, she enjoys the outdoors with a magazine and crossword puzzle, and sometimes, like today, a light lunch. Usually, once the activation is complete, we'll go for a hike on park trails.



Island Lake is about a 20-minute drive from my house. It's 4000 acres is a mix of open fields and hardwood forests surrounding Kent Lake and the Huron River. Today it was warm enough that someone was using a paddle board on the lake.

I have found a set of picnic shelters on elevated ground overlooking Kent Lake as a great place from which to activate. I worked North Pole Alaska from this location on 20M CW using my IC-705 with 10W into an EFHW last May.

### OPERATION

Once at the shelter I set up my EFHW (KM4ACK kit) in a sloped configuration using a conveniently located mature tree and my throw line. It was roughly in and East/West orientation. Over the preceding weekend, I added PowerPole connectors to the provided power cord, and programed both internal CW keyer memory slots. These are activated using either dit or dah paddle when I toggle Play using the provided switch. Of course, I did a little POTA hunting using the home antenna to familiarize myself with the TR-45L's operation. The learning curve is short with nothing hidden deep behind any menus.

With the radio and antenna ready to go, I set up HAMRS on my iPad, spotted myself on the POTA website, and started calling CQ POTA on 14.0615. Over the course of the next 35 minutes, I worked a total of 30 stations on 20M and 40M (most on 20M) at which point I basically ran out of hunters. Not bad for a weekday afternoon. I packed up and went on a couple mile hike with my wife.





The TR-45L is an absolute joy to use. I forgot to put it in CW Narrow mode at first, and when nearby QRM popped up, I was able to add this in with the throw of one switch. QRM gone. (Note, this setting—wide vs. narrow filtering— isn't retained after the power is shut off or the battery is disconnected.) It sounds wonderful. I used the side speaker the whole time as my wife doesn't seem to mind, although the

random guy who wandered in with a laptop to get some work done on a warm fall day decided to find somewhere else to work.

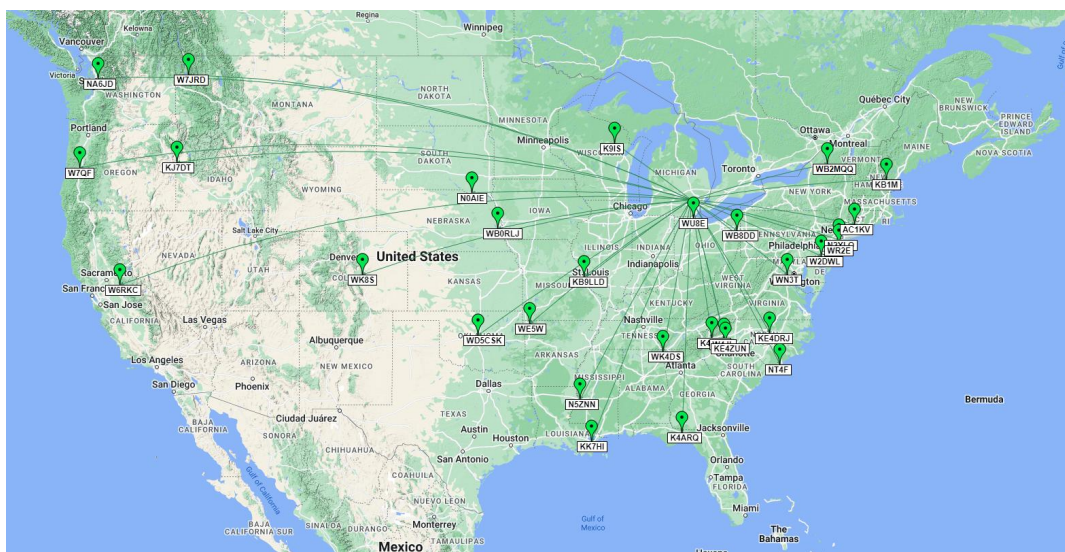
There are front mounted jacks for headphones, paddles and a straight key. Even a rear mounted jack for an external speaker. The built-in speaker can be turned off and on via a toggle switch. The



two CW memory slots are easy to fill using your paddle. The front meter can show power output or SWR based on toggle switch position, and you are alerted to high SWR via a front mounted red LED.

I waited a while to get this radio. Recent supply chain issues caused unexpected delays, but it's

available for order now in factory-built form and most definitely worth the wait. Kits will eventually be available. *Check out all the TR-45L details here.*



# NAQCC AWARDS

## FEATURED AWARD:

### WAS

It's just the classic WAS award with some modifications for QRP/CW.

### Time Frame For Qualifying QSOs:

January 1, 2004 0000Z through the present

### Basic Award Premise:

Contact all 50 or "Lower 48" USA states within the time frame using QRP, CW, and simple wire antennas.

### Categories:

A - 50 USA states.

B - 50 USA states 2X QRP

C - "Lower 48" USA states QRPp

### EQUIPMENT:

#### YOU:

Power: A,B - QRP; C - QRPp

Antenna: A,B,C - Simple Wire Antennas by NAQCC standards

#### HAM YOU WORK:

Power: A,C - Any; B - QRP

Antenna: A,B,C - Any

### QSOs:

Any type of QSO is permissible - rag chew, DX, contest, net, etc.



Awards earn you participation points so you're eligible for the best prizes in the annual anniversary drawings.



**Dick Sylvan, W9CBT, #2062**, has been a QRP/CW operator for a long time. He is also a very accomplished ham radio cartoonist and his work has appeared previously in the K9YA Telegraph newsletter. His book "HI HI - A Collection of Ham Radio Cartoons" is available at [www.lulu.com](http://www.lulu.com).

### HAM QUIPS "Holy Ham Heaven Cemetary"



"Who Said You Cant Take It With You?"

# NAQCC NETS

We have a number of nets (QRS = slow speed, QRQ = higher speed) designed to help people build up their CW operating skills. Complete information about these nets can be found at [http://naqcc.info/cw\\_nets.html](http://naqcc.info/cw_nets.html). Questions should be directed to Net Manager Mark, W8EWH.

## NAQCC Net Schedule

Net	Local Time	UTC	Freq +/-	Primary NCS
East Texas QRS Net (ETN)	Monday 7pm CDT	Tuesday 0000 Z	7066 kHz Summer 3566 kHz Winter	Allen KA5TJS (TX)
Midwest QRS Net (MWN)	Monday 7:30 CDT	Tuesday 0030 Z	7031 kHz	Bob W0CC (KS)
Pacific Northwest 80m QRS Net (PNW80)	Thursday 7 PM PDT	Friday 0200 Z	3556.5 kHz	Stewart KE7LKW (WA)
Wyoming Daily QRS 80 Meter Net (WY80)	Inactive			Steve KE7UUJ (WY)

**Note: On the rare occasions that there is a conflict between one of our scheduled nets and one of our regular sprints, the sprint will take precedence.**

### UPDATED NET SCHEDULES STARTING THE WEEK OF NOV 7:

#### NAQCC East Texas QRS Net (ETN)

Monday evenings 7:00 PM **CST**, which is Tuesday **0100** UTC, on 7066 kHz +/- (Summer) or 3566 kHz +/- (Winter)

Main NCS - Allen KA5TJS (Texas)

#### NAQCC MIDWEST QRS Net (MWN)

Monday evenings 7:30 PM **CST**, which is Tuesday **0130** UTC, on 7031 kHz +/-

Main NCS - Bob W0CC (Kansas). Assisted by Dave AB9BZ

#### NAQCC Pacific Northwest QRS 80 Meter Net (PNW80)

Thursday evenings **5:00 PM PST**, which is Friday **0100** UTC on 3556.5 kHz +/-

Main NCS - Stewart KE7LKW (Washington State)



## NET CONTROL STATION REPORTS

### NAQCC MIDWEST QRS NET (MWN)

Monday evenings 7:30 PM CDT, which is Tuesday 0030 UTC, on 7031 kHz +/-  
Main NCS - Bob W0CC (Kansas) — Assisted by Dave AB9BZ

Oct 03 – QNI (4) W0CC, W0MJC, KC9TYS, N8AYD

All the Operators, Michael, Mark and Joel did GREAT Jobs! Joel, N8ATD, is new to CW!

Oct 10 – QNI (0) – A lot of QRM

Oct 17 – QNI (2) W0CC, W1TM

Air waves are quiet with easy reception. Next week!

Oct 24 – No Net

Oct 31 - QNI (3) W0CC, W1TM, KD9RFR

Quiet night with good signals. Tim, W1TM, was as good as in the past and Dave, new to QRP, was using his new home brew, with a great signal!

---

### NAQCC EAST TEXAS QRS NET (ETN)

Monday evenings 7PM CDT, which is Tuesday 0000 UTC,  
on 7066 kHz +/- (Summer) or 3566 kHz +/- (Winter)  
Main NCS - Allen KA5TJS (Texas)

Oct 4 – QNI (3) NCS KA5TJS, KE5YGA, N4NN

Good signals from the 2 ops tonight. 599/579 respectively. Had some digital QRM at the start but it quit thank goodness. Made one call up on 7.067 but no takers. Moved back to 7.066 and the QRM was gone.

Oct 11 – QNI (5) NCS KA5TJS, KE5YUM, KE5YGA, N4NN, AC5JS

The band was pretty good last night. YUM was 579 YGA 599 NN 589 and JS was 589 on check in but gone when I called him. We are a rag chew QRS net so it takes a while to get to the last guy on the list.

Oct 18 – QNI (3) NCS KA5TJS KE5YUM KE5YGA

YUM was lite tonight, 569 but pretty good copy. YGA was usual 599. Some QRM but we worked thru it.

Oct 25 – QNI (3) NCS KA5TJS KE5YGA N4NN

Had some QRM problems last night again. A digital station fired up on us and we moved up 1 and then has some SSB QRM up there. Fortunately, the signal levels were very good.

Oct 31 – No Net (Halloween)

## NAQCC PACIFIC NORTHWEST QRS 80 METER NET (PNW80)

Thursday evenings 7:00 PM PDT, which is Friday 0200 UTC on 3556.5 kHz +/-  
Main NCS - Stewart KE7LKW (Washington State)

Oct 07 – QNI (5) NCS KE7LKW, WB4SPB, AD7BP, K7JUV, NB6M

Oct 14 – QNI (7) NCS KE7LKW, KI7SJE, WB4SPB, N7TB, AD7BP, WB7WHG, W7ANM

Oct 21 – QNI (8) NCS KE7LKW, KI7SJE, WB4SPB, N7XV, AD7BP, WB7WHG, K7JUV, NB6M

Oct 28 – QNI (7) NCS KE7LKW, KI7SJE, WB4SPB, N7TB, KJ7DZ, NB6M, KC7CW



## N3A OPERATOR SOAPBOX (CONTINUED)

**N3A/3 KC3MIO:** Conditions were fair and steady during the sprint. I tried every band except for 160, 60 and 12 and was very pleased to make a few DX contacts. I made two contacts with Belgian stations on 10 meters after a friend texted me that 10 was open. I did two POTA activations and they netted me 11 and 12 contacts.

I checked my log and it looks like 40% of my contacts were with members (including N3A stations). Finally, below are two pictures from a POTA activation, putting out the N3A/3 call from Big Pocono State Park in northeast PA. It was in the lower 50s, breezy, at just under 2000’.

I wanted my XYL to take a picture of me operating, but she was in the car to keep warm. I finally had to go QRT because my hands were too cold. There were a lot of people around and I set my whip antenna in the bushes (to the left) so no one would touch it. Nobody asked me what I was doing.



# NAQCC CHAPTERS

The North American QRP CW Club currently has seven local chapters - Western Pennsylvania, West Florida, Illowa, Downeast Maine, Long Island, Florida, and Green Swamp WCF—but we would be more than happy to expand on that list. Chapters are more or less independent local gatherings organized by NAQCC members in a geographical area and subject to a list of guidelines from the NAQCC. They provide opportunities to have fun and to promote our parallel passions of QRP and CW. If you are interested in forming a local chapter please contact club president Steve WB4OMM.

If your chapter is planning a portable operation activity and would like to have it promoted on the club email list or in the newsletter, send an email with the subject "NAQCC Portable Operation" and with the exact wording of the announcement to Steve, at the email address listed on the last page about a week before the operation. Please be sure to include the UTC time for the event and not just the local time.

A report about your chapter activity should appear here. Please send them to KD2MX or N8XMS at the email addresses listed on the last page.

NAQCC chapters located in the United States are welcome to use the NAQCC Club call, N3AQC for their special operations. Please contact call sign trustee Please contact call sign trustee, Club VP John KK4ITX, to schedule the use of N3AQC.

## NAQCC WESTERN PENNSYLVANIA CHAPTER



Items in this section are from the Western Pennsylvania Chapter unless otherwise credited. Questions and comments should go to John, K3WWP.

Apparently no one is interested in keeping the WPA Chapter going since I didn't get any response after last month's Chapter comments here in the WPA Chapter section. I'll wait one more month, then consider the chapter disbanded. It's sad, especially after a recent club poll saying the chapters were one of the favorite features of the club. I guess it's like a lot of things these days. People like to talk, but no one wants to do.

If you are a doer and want to revive the chapter, simply email me at the address near the end of this newsletter (it was in error, but is now correct), and I'll do what I can to give you some hints for running the chapter. I thought it was interesting to see the map Brent added to my article last month. There are plenty of members in WPA to build up a following again. Surely at least one should show some interest in rebuilding the chapter. Thank you.



## NAQCC WEST FLORIDA CHAPTER



Items in this section are from the West Florida Chapter unless otherwise credited. Questions and comments should go to Ron, N9EE.

The chapter's web site is

<https://www.facebook.com/groups/967110089994401/>.

## NAQCC-WFL EVENT WITH SUNCOAST ARC EAGLE POINT PARK — OCTOBER 16, 2022

### ATTENDING

- Ron, N9EE
- Tim, WB8MVU & wife
- Don, KA2KDP
- Frank, KK4YDF
- Jim, KN4SJM & wife
- Jude, studying to get his license

Arrived around 11AM and found only one picnic table available, the two shelters were taken. That is a Sunday in Florida. I set up my IC705 with T1 tuner, new keyer paddle, memory keyer button box and 17/20m End Fed Wire Antenna w/one end on my 16 ft portable flag pole. I had configured the end fed so could disconnect wire to make a 17m end fed and when needed connect extension for 20m.

My initial plan was to check into the SideSwipers CW net. They had skeds at 1100 hrs (1500 UTC) on 14.055. Then at 1200 hrs (1600 UTC) move to 21.055 and try the net there. Then move to 17m, 18.088 MHz for check ins. But due to other commitments I could not get setup until 11:40 and missed the first session on 14.055 although did copy Darrel, AA7FV NCS in Tuson, AZ as he had just QNF (closed the net). Then another QSO

started. I then moved to 15m and it was dead, so nothing could be done there. Then moved to 18.088 MHz and the net was in session. At 1215 I checked in with NCS, Darrel, AA7FV, he was 559, gave me 329.





After the Sideswipers Net I then started looking around 14.060 and made a number of QSOs as in the log below.

LOG Ron, N9EE all CW QSOs

TIME	CALL	RST	FREQ	COMMENT
1215	AA7FV	559/529	18.088	Sideswipers Net
1234	K9TJL	599/?	18.088	Sideswipers Net
1331	WW4D	589/559	14.060	Pat, SC
1334	K2JB	589/579	14.063	Jim, NC
1337	N4ARY	599/599?	14.062	GA, POTA Park 3761
1355	KC9AAP	539/599	14.058	Indiana
1402	W3PYF	429/479	14.059	MA, 15W QRP
1412	KC3FQF	589/559	14.057	DE
1420	K6PVZ/P	589/539	14.049	IL QSO Party, COOK/KANE/MEHE
1424	K4CAB	559/559	14.054	Deway, VA
1427	N4EEI	559/579	14.056	Jeff, SC, SOTA
1435	W9XS	599/599	14.0375	IL QSO Party, DUPG
1437	W9RNY	599/559	14.038	IL QSO Party. ,MORG
1438	N9TK	599/599	14.039	IL QSO Party, COOK
1444	WB9HFK	599/599	14.053	IL QSO Party, CHAM
1500	W4EX	579/559	14.053	NC
1504	CT7AUP	599/559	14.053	David, SKCC 24193T

Enjoyed the event, 20m was good. We had hot dogs and some snacks and good eye ball QSOs. I think Jude was impressed with me using only 10W and my end fed wire antenna could work Tucson, AZ.



# NAQCC-WFL ERNE WEVER YOUTH PARK — OCT 22, 2022

Arrived at the park around 0905 hrs, had problem finding the park, was behind State Police Post. We set up in nice large shelter, was some walk getting to it.

## ATTENDING

- Ron, N9EE with IC705, 17/20m End Fed Wire, T1 tuner, 12V LiFePO4 9Ahr battery
- Rich, KI2X with FT991 and HamStick vertical on tripod
- Jeff, KG4KMR just visiting

## LOG:

1050	K5YQF	599/549	18.081	Cicil, K3 w/KPA500 at 500W, 2ele Yagi
1104	K3CKO	559/569	18.083	Bob, IC7300, G5RV at 60ft
1107	PA5XM			
1110	N1YQV			
1115	W8SUN			
1132	DK5FX	449/589		

At first had S7 noise, determined was from Rich, KI2X's generator. We need to work on it. Rich is planning on getting a good size battery for these events. Rich did not have the noise and think because his vertical was about 75 feet out where my End Fed Wire was fixed to the shelter post close to the generator AC cable.

I wish we had taken some photos, but forgot. So did take some of the packed gear with my 20ft portable flag pole I used to get one end of the End Fed Wire.





## NAQCC LONG ISLAND CHAPTER



Items in this section are from the Long Island Chapter unless otherwise credited.

Questions and comments should go to Howard, WB2UZE.

### LICW OUTING AT CAPTREE STATE PARK K2028 TUESDAY OCT 18, 2022

Gathering first for some fortitude at the local Atlantis Diner, an intrepid group from the Long Island CW Club braved the chilly temperatures and the wind to set up portable operations at Captree State Park in Long Island, NY on Tuesday October 18th.

Rob/W2OSR set up his FT-450D and a base-loaded vertical. He made 30 QSOs for a successful POTA activation, including six park-to-park contacts.

John W2XS had his Elecraft KX2 feeding into a 40M center fed doublet made entirely out of twisted pair wire, including the feedline! With this setup he made 30 QSOs from Canada to Florida. His DX contacts included France and Spain.

Ed/N2GSL was running his LNR 3 band Mountaintopper into a 40/20M end-fed half wave antenna and made 23 QSOs. His most interesting contact was with CU3AA in the Azores!

Bob/K2KND dropped by and loved Walt/W2TE's Begali traveler paddle. Now he wants one too! Going to get any commission on this sale Walt?

Dave/WA2YYL set up his ICOM IC-751A right on the beach and ran it into a 40-10M end-fed half wave antenna up about 27 feet. It took some work to get the masts up but it performed pretty well, garnering 24 contacts. Dave attempted to work his usual DX (the guys across the parking lot) but unfortunately his first three contacts were France, England, and Puerto Rico. With help from Howard/WB2UZE most of the other contacts were stateside. But he did manage to work VY2DP in Prince Edward Island.



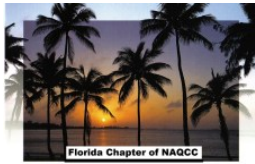


By 4:30 the chill was setting in and operations concluded. We all broke down our stations and retreated to the warmth of our vehicles and headed home, looking forward to next time when we will all probably operate from within the warmth of our vehicles.

72/73,  
de WA2YYL



## NAQCC FLORIDA CHAPTER



Items in this section are from the Florida Chapter unless otherwise credited. Questions and comments should go to Nikki, KM4SBQ.

The Florida Chapter website is <http://wb4omm.com/naqcc-fl-chapter>.

## NAQCC DOWNEAST MAINE CHAPTER



Items in this section are from the Downeast Maine Chapter unless otherwise credited. Questions and comments should be directed to Jeff, KA1DBE.

The chapter is located in the Hancock and Washington counties area of Maine.

## NAQCC ILLOWA CHAPTER



Items in this section are from the Illowa Chapter unless otherwise credited. Questions and comments should go to Tim, N9BIL.

The Illowa Chapter operates in the "Quad Cities" area of Davenport, IA / Moline, IL.

The Illowa Chapter website is at <https://sites.google.com/site/naqccillowa2/>.

## NAQCC GREEN SWAMP WCF



Items in this section are from the Green Swamp WCF Chapter unless otherwise credited. Questions and comments should go to Gary N3OS.

The chapter's website is <https://www.zaarc.org>.





# NAQCC PRIZE SPONSORS



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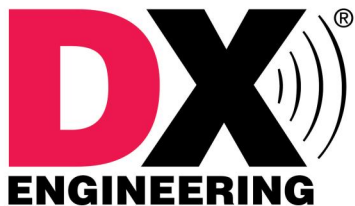


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# NAQCC CLUB INFORMATION

## STATEMENT OF PURPOSE

Amateur radio has something for everyone. For a growing number of folks, the challenge of "doing the most with the least" makes QRP (and QRPp) CW operating the greatest thrill available in amateur radio. The North American QRP CW Club Inc. exists to promote and pursue designing, information sharing, building, and operation of low power, Morse Code enabled Amateur Radio (FCC Part 97) equipment with simple wire antennas for both emergency and personal communications purposes, an exciting facet of the hobby.

The NAQCC provides numerous opportunities for hams to operate in QRP/CW activities. For contest types we have a popular monthly 2-hour sprint that runs at relatively low CW speeds and at a fairly relaxed pace to increase code skills and experiment with different antennas. Three special sprints also take place during the year for 160-meter and QRPp (less than 1W of power) operators. For a month-long activity we offer our members a Monthly Challenge that can be anything from forming a list of words from the calls of stations worked, to making a prescribed number of contacts using home-brew gear. There is also an extensive awards program to recognize the significant QRP/CW accomplishments of our members.

We also serve as a resource for people who are just getting started in QRP and/or CW, sharing information on low power Morse operations. Our slow-speed CW nets are a great place for beginners to practice Morse code under real on-air conditions. Beginners will also find a wealth of helpful information on these web pages and we are more than willing to answer any questions about QRP, CW, and simple wire antennas that you might have. An extensive monthly newsletter is filled with useful projects and news from fellow QRPers.

A number of local NAQCC Chapters offer opportunities to get together for in person socializing and QRP/CW activities. Portable operations are especially popular with the local chapters.

Whether you are a veteran ham radio operator who is looking for a new challenge in the hobby, or a beginner who is intrigued by the possibilities of QRP/CW communication, we cordially invite you to join us. Membership is free and the benefits and fun are significant.

## REPRINT POLICY

Unless otherwise stated in the article, local clubs and other ham radio organizations are free to reprint featured articles from this newsletter, provided appropriate credit is given to the North American QRP CW Club and the author of the article. If at all possible a link to the club website at <http://www.naqcc.info/> should be included.



### NAQCC CONTACTS

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NOTE: These email address are not automatic links.

They are given here in graphic form to avoid harvesting by spambots.

The North American QRP CW Club Inc., is organized exclusively for scientific purposes within the meaning of Section 501(c)(3) of the Internal Revenue Code of 1986, and the Georgia Nonprofit Corporation Code to advance, promote, and pursue designing, information sharing, building, and operation of low power, Morse Code enabled Amateur Radio (FCC Part 97) equipment with simple wire antennas for both emergency and personal communications purposes. No dues or membership fees - open to any licensed radio amateur or shortwave listener (SWL) worldwide with interest in CW/QRP operation. Encouraging the use of CW and helping all hams increase CW speed and proficiency is a top club priority. Club activities are dedicated to QRP/QRPp operation, using CW and emphasize using simple wire antennas.

The North American QRP CW Club was founded in 2004 by WY3H and K3WWP and now has over 9500 members world wide. Membership is free and anyone interested in CW/QRP operating is welcome. Complete information about the NAQCC, including a membership application, activities schedule, and useful resources, can be found on our website at <http://www.naqcc.info>.

Inquires can be sent to:

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