

# NAQCC NEWS



ISSUE 277 • JULY 2021



## KEY CLICKS

• **IN THIS ISSUE**

A homebrew "Ozzipole" antenna, rowboat mobile mW Sprint, a double dose of Sprint results, Chapter excursion pics, Net reports, CW operating tips, a star-spangled challenge, and more.

• **URGENT: N3A / ANNIVERSARY DIRECTOR NEEDED!**

It's past time to be organizing prizes and assigning times for N3A operators for the 17th Anniversary events in October, but there's no one to do it.

*I think that I have been in charge of organizing these shindigs since our 9th anniversary in 2013, and it is now time for me to hang up my spreadsheets and pdf files.*

*Over the years I have worked with many fine volunteers and I sincerely thank each and every one of them. So now President Steve, WB4OMM, will be looking for someone new to take on the job. Could that be you? (I will still be around to offer advice and assistance if needed.)*

*Our great club is completely built on volunteerism. Is there something that you can do to help?*

**—Paul N8XMS #675**

• **SOUTHEAST AND WESTERN REGIONAL DIRECTORS NEEDED**

See page 3 for details

• **TED WB3AVD #8548 FEATURED ON THE QSO TODAY PODCAST**

Ted—whose tiny homebrew keys you saw in newsletter #243 and last month in #276—was interviewed by Eric 4Z1UG for the *June 19 episode of the QSO Today Podcast*. He talks about his ham radio origins, operating QRP CW, and how he gets the ideas for his eclectic keys. The show notes include pictures of more of his amazing keys.

• **SEND IN YOUR ARTICLE**

The well of reserve submissions has run dry, so it's time to tell us about your Field Day, that thing you built, your favorite rig, or something funny. As long as it relates to QRP CW. Send it to Paul K2DMX: [kd2mx@arrl.net](mailto:kd2mx@arrl.net)

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# THE PREZ SEZ...

## Greetings NAQCC Members!

Hope you are getting back to normal, although it may be a new “normal” compared to pre-COVID times.

Field Day just passed us a week ago, this week is the 13 Colonies Special Event—and I just got the sweep and last bonus station today—July 4th—what an appropriate day!

I’m going to keep this short, as the holiday (actually my XYL) has plans for me. Not much new, we had our Annual Board meeting two weeks ago (housekeeping for the Georgia Dept of State and the IRS).

Southeast Director John K4BAI would like to “bow out,” so we will be looking for a new Southeastern Region Director—if you live in any of the following states: WV, KY, VA, TN, NC, SC, GA, FL, AL, MS, or possessions: PR, VI.

Western Region Director, Ron AG1P is moving way out of state, and will no longer be able to represent the states of MT, WY, CO, NM, UT, AZ, ID, NV, WA, OR, CA, HI, AK. We’ll be looking for a new director here, too.

If you are an NAQCC member in good standing, you are hereby solicited! Generally, two or three online meetings a year. No travel, no expenses. If you are interested, please contact me!

I hope you had a wonderful (and SAFE!) Independence Day holiday. I hope to see you in this month’s Sprint!

Our Newsletter Editor Brent WT4U is always looking for submissions for the Newsletter—anything related to NAQCC, QRP CW. Send Spotlight Editor Paul K2DMX an e-mail if you have something to submit [kd2mx@arrl.net](mailto:kd2mx@arrl.net)

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



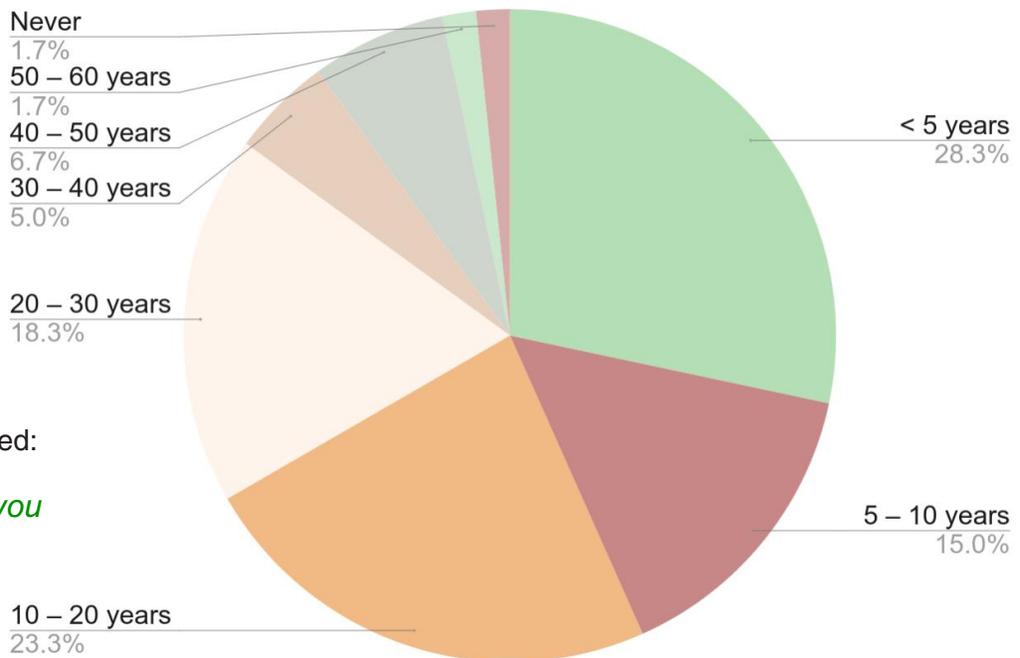
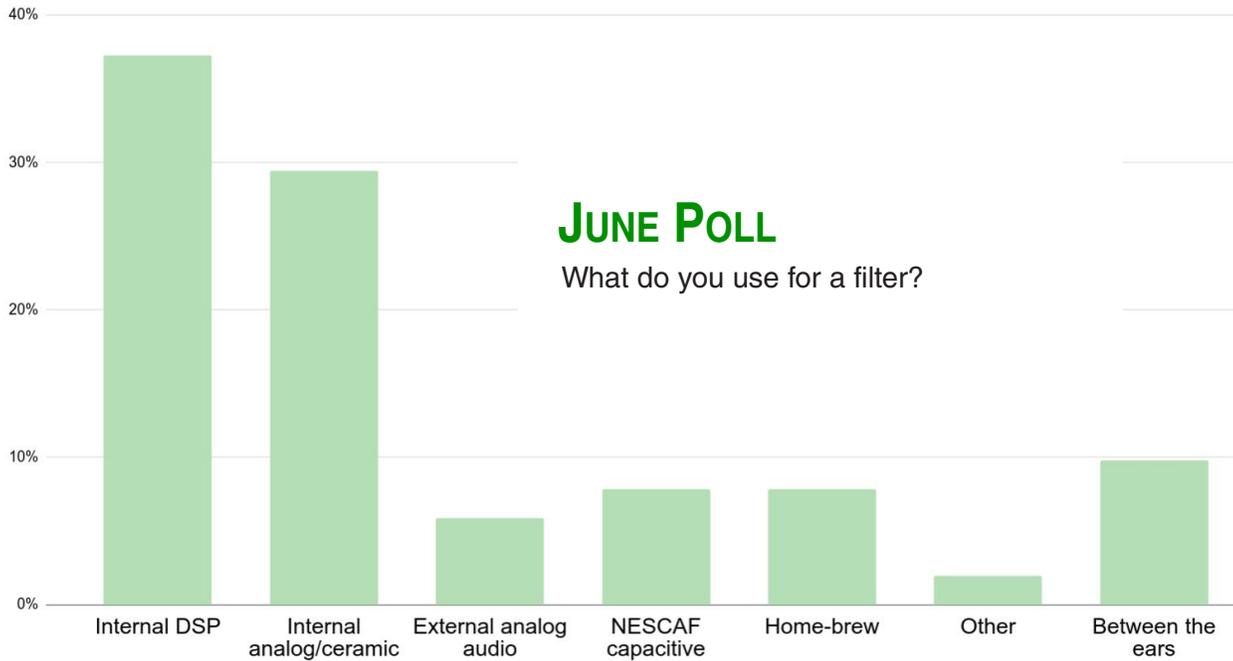
***A little bit of QRP on a wire goes a long way!***



# MEMBER POLLS

## JULY POLL

How ready are you for portable ops? Let us know at [http://naqcc.info/poll\\_new.html](http://naqcc.info/poll_new.html)



## OLD POLL

Back in 2013 we asked:

*How long ago did you first try QRP?"*



# THERE'S SOMETHING MISSING THIS MONTH AND IT'S THE MEMBER SPOTLIGHT FEATURE.

BY PAUL KD2MX #1091

Maybe there's just been too much QRM and QSB in life, but reception of Member Spotlight activity is way down and there's no submission for the newsletter this month. The best way to keep this feature is for you to send us your "Hamography"!

No matter if you have a three-digit member number or just signed up this year, we would all like to hear about your experiences. You can include just about anything in your Hamography. Possible topics include...

- How you got started in ham radio or what drew you to QRP.
- Favorite sub-activities within the hobby (contests, rag chewing, chasing DX, homebrewing, etc.).
- Favorite NAQCC activities.
- Current gear in the shack.
- Awards or certificates that you have earned or are working toward.
- A memorable QRP QSO.
- A vintage key or bug that you own.
- Other hobbies and interests that you have.
- Brief descriptions of your job and/or family.

You can write a little or a lot, and you don't have to be a published author or a "big gun QRPer" to



participate. All are welcome. Past spotlights are a good guide. A photo or two would be great, preferably with a radio theme but that's not a requirement.

Don't think for a second that you don't have an interesting ham life story to tell. We all have a unique biography that includes sharing this great hobby and we would all like to hear about it.

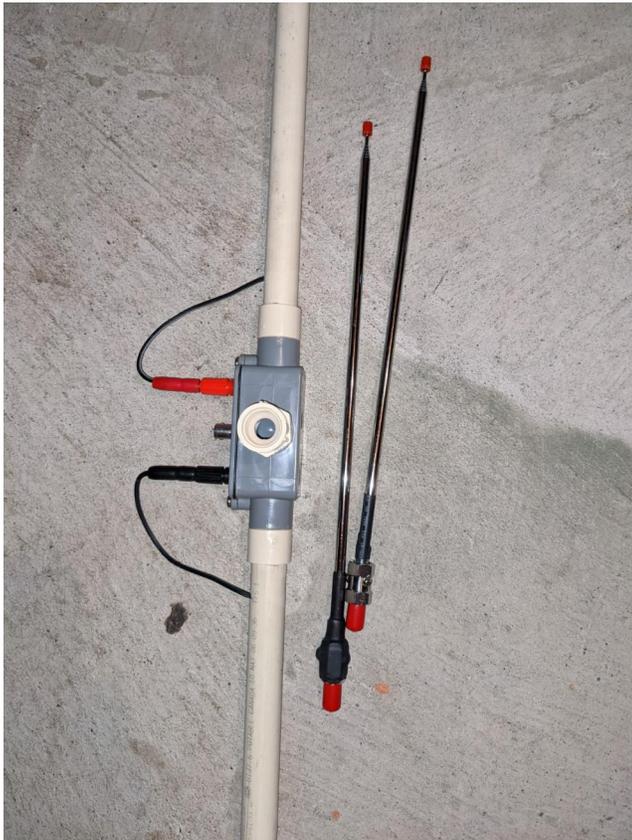
Please QSL with any questions or submissions to [kd2mx@arrl.net](mailto:kd2mx@arrl.net)

# OZZIPOLE ANTENNA BUILD OUT – DIY

BY JOHN VE3IPS #5908

The lads down under came up with the Kangaroo version of a Buddipole with an interesting design twist. These guys down under never sleep when it comes to creativity in the world of antennas.

Naturally, as an antenna experimenter I just HAD to build this Vegamite version.



Here is the Canuck version and it took a few iterations in the waterfall design methodology to get it right. I did not implement the 40m or 80m windings as these short antennas are too inefficient to make reliable QSOs at QRP levels during low sunspot levels.

This is my version. I chose to use binding posts for the center mount as I may use this mount for other antennas. I treat all these antenna designs as Lego blocks that can be mixed and matched with other antenna design components.

I chose a BNC jack as that is what my Buddipole and PackTenna baluns use.

I did find I had to adjust the whip lengths for best SWR as my PAC-12 and Buddipole whips are 72" and the ozi design uses 36-inch lengths. At first I was dumbfounded as the best SWR was several MHz below each tap setting and after several WTF moments and checking the connections again I just figured I needed to shorten the whip length.

I looked at the end results and it then hit me that the whip length on the ozi- design had to be shorter and a quick check of the manual confirmed that. Read the Manual twice and measure twice and cut once.

I designed the ozi pole to have 3/8-24 threaded antenna connections so that I could use the whips I had on hand.

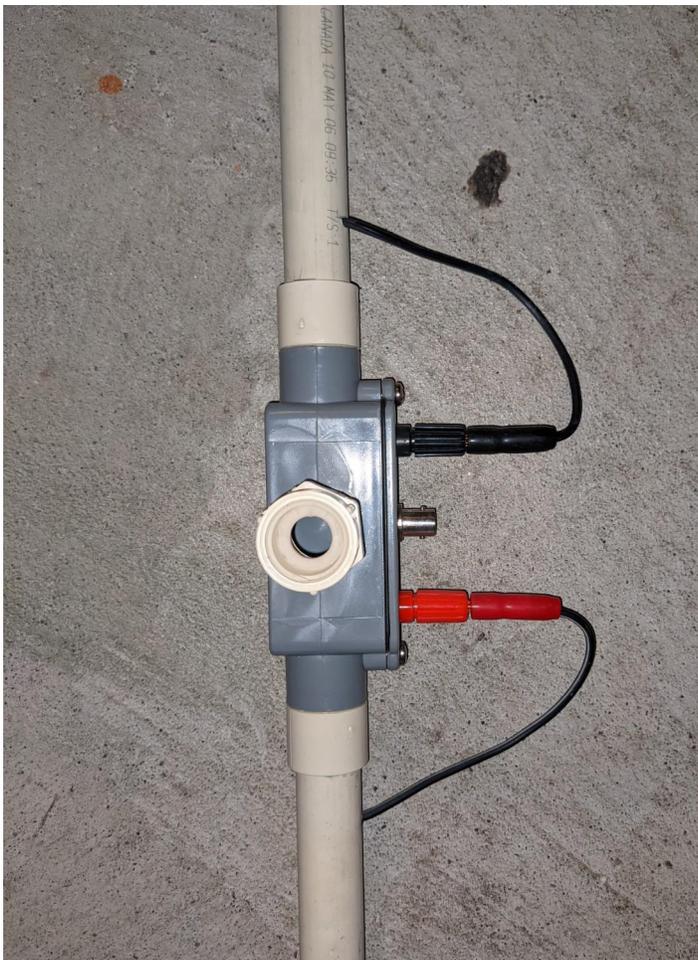
It's a great antenna and after finding the sweet spot I was able to make some quick contacts into Europe and South America and yeah several K6, N3 and K5s

The antenna is a keeper and sits in the Buddipole, Pac-12, and PackTenna hall of fame.

Once I got a baseline SWR it took three minutes to nail it down and blip out a CQ on the QRP CW channel.

I have PDF versions of the ozzipole antenna available if you wish to build one as the kits have gone QRT. Just email me for a copy.

I had a good go with this antenna pushing out 20 watts on the Yaesu FT-857D making easy contacts on 20m and 10m. This is a great antenna for a Xiegu G90 and its built in Tuner.

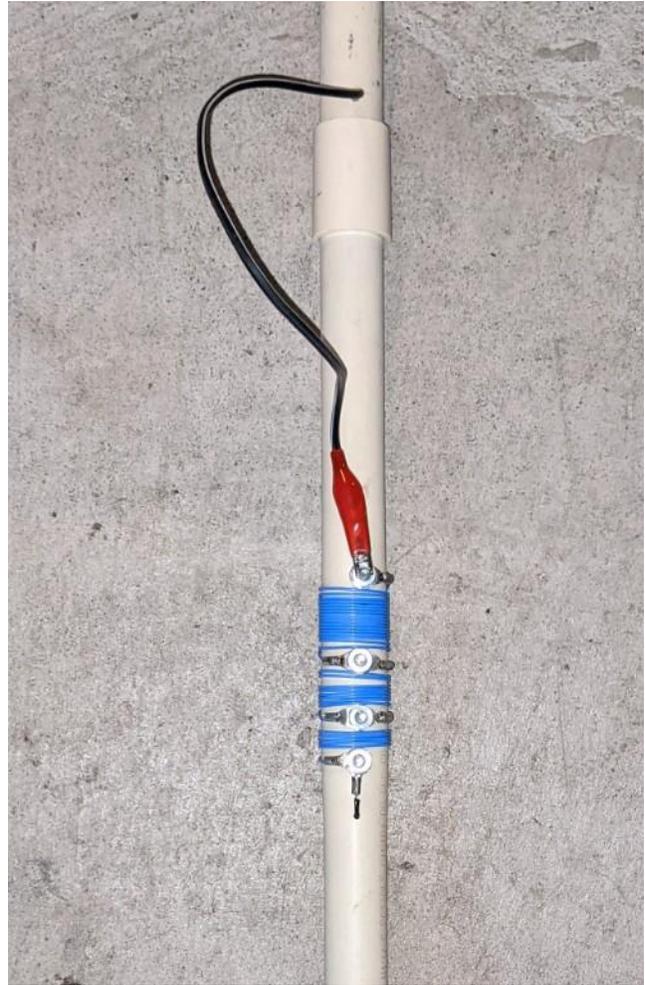


I chose to use a binding post approach for antenna connections in case I decided to toss the antenna. The antenna passed the critical VE3IPS tests. I love hardware stores and the center mount is available in your electrical section.



The Yaesu 857D is the standard for operations beyond the 5w QRP. Let's call it MQRP for medium power QRP at 20 watts but with the Icom 705 at 5 watts the antenna has proven itself.

**73s es Gud DX  
John VE3IPS@GMAIL.com**



An 8 foot antenna is a compromise antenna joke on 40m and below so I made these windings with a focus on the bands 20m and up.



## OPERATING TIPS FROM JOHN K3WWP #002

### CALLING CQ.

It is important to strike a good balance between calling and listening time. If you make your CQ's too long, folks will tire of waiting for you to end and look for someone else. If you make them too short and then spend time listening for a minute or more for an answer, folks will just not hear your CQ and tune right past your frequency. OK, that's how NOT to call CQ. Let's talk about the best tried and true method that has proved successful over many years, and really works for the QRP operator.

CQ CQ CQ DE K3WWP K3WWP K is the best possible CQ. Send CQ three times, then DE fol-

lowed by your call twice, and finish with K. Do that sequence ONE time, then pause to listen for an answer. If you don't get an answer after 5 seconds or so, do the sequence again, and again, and again..... (of course with the pause to listen for answers) until you give up or get an answer. Most of the time it will be the second alternative - you will get an answer.

While listening for an answer, don't forget to tune up and down about a half kHz or so using your rig's RIT especially if you have a very sharp filter in the rig. A lot of hams are not good at zero beating a signal or may be xtal controlled and may call up to 1/2 kHz (500 Hz) or more away from your frequency.

# NAQCC SPRINTS

## JULY SPRINT

Our Sprint this month will be on Thursday, July 22, 2021, 0030-0230Z. That's the evening of Wednesday, July 21 here in North America.

Complete information at <http://naqcc.info/sprint/sprint202107.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).

## JUNE SPRINT RESULTS:

Complete sprint results, including all of the soapbox comments, can be found at <http://www.naqcc.info/sprint/sprint202106.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: VE2KZW, KR8L, & W4CMG.

June Sprint				
	Current Month	Previous Month	All-Time Record	Record Date
Logs	101	98	217	4/17
Participants	135	137	269	2/13
Total QSOs	1200	1322	3154	4/17
Hour 1 QSOs	628	786	1704	4/17
Hour 2 QSOs	572	536	1450	4/17
20m QSOs	90	229	1232	8/13
40m QSOs	1003	1013	2203	4/17
80m QSOs	107	80	1417	2/13
Avg QSOs/Station	11.9	13.5	19.3	9/11

SWA STRAIGHT KEY CATEGORY			
Division	1st	2nd	3rd
W1	K1MZM	WB1GYZ	KN1H
W2	W2SH	KA2KGP	K2CWM
W3	KC3MIO	KD3CA	KE3V
W4	WG8Y	KC5F	WT4U
W5	KF9LI	W8WEU	KE9DR
W6	AI6SL	K6FA	N6IET
W7	KC7DM	-	-
W8	WB8LZG	NF8M	N8GZ
W9	WB9HFK	K9JWI	N8HWW
W0	N0TA	AA0W	KD0DK
Canada	VA3NU	VE3SIF VE2KZW (tie)	-
DX	-	-	-

SWA BUG CATEGORY			
Division	1st	2nd	3rd
W1	-	-	-
W2	WA2FBN	-	-
W3	NN3E	K3WWP	-
W4	AA2MX	K3RLL	KJ4R
W5	NF5U	-	-
W6	-	-	-
W7	-	-	-
W8	K8NGW	-	-
W9	K9DRP	-	-
W0	KD0V	-	-
Canada	-	-	-
DX	-	-	-

SWA KEYSER/KEYBOARD CATEGORY			
Division	1st	2nd	3rd
W1	KB1M	AC5XK	N1JI
W2	K2OID	N2ESE	WA1GWH
W3	KC3RN	NO3J	-
W4	K4BAI	N4MJ	K4KRW
W5	K5WX	WI5H	WB0ISG
W6	W2AFE	-	-
W7	-	-	-
W8	WI8J	WA8SAN	-
W9	NN9K	K9EYT	KR8L
W0	K0EW	-	-
Canada	VE3DQN	-	-
DX	-	-	-

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

FIRST-TIME ENTRANT HIGH SCORE			
Key Type	1st	2nd	3rd
SK	VE2KZW	-	-
BUG	-	-	-
K/K	KR8L	W4CMG	-
PRIZE DRAWING WINNER			
WU6P			

## 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+	KF7WNS NF5U N2CN WI5H WA1GWH WB4OMM KC7DM KB0ETU KB1M K2YGM AA7CU WA2FBN NQ2W AA0W VE3DQN WB1GYZ NN0SS WB9HFK N8QY WY3H K6CSL W5UAA WK6L KC2EGL VE3GNU KJ4R N7QR AB8FJ K2HT K4ORD KE9DR KB4QQJ K5GQ WD4OHD
75+	AK3X NO2D NA4O KA9FQG K4NVJ N5GW KN1H N4MJ KQ1P VE3FUJ WD0K N8BB N8LA K9OSC K9EYT K6MGO KD3CA N8APO
100+	K1IEE KE5YUM N2ESE W4DUK WX4RM WA8SAN WG8Y N0TA K4KRW KD2MX WB8ENE AA9L
125+	K4BAI NF8M K3RLL K4JPN K2CWM KD0V N4FI
150+	W2SH WB8LZG W9CC N8XMS KU4A
175+	K3WWP KA2KGP W2JEK

### SPRINT SOAPBOX SAMPLER

**K2OID** - I'm always impressed with how polite and patient all Sprint participants are. Makes contesting a real pleasure. 40M was in pretty good shape tonight. Lots of fun as always.

**WB0ISG** - Second sprint for me. Loads of fun! Had to short time it this evening, but glad to get a few members in the log. Also, thanks for the award last go around. I'm looking forward to having it in the shack.

**VE2KZW** - My first NAQCC sprint; one QSO, but important to me. MTR3B-LCD, ZM-2 ATU, 4 watts to EZWire end-fed.

**W1VKE** - I am super new to CW, but this was a lot of fun for me. I was running 5 watts on my Elecraft KX2 and an 80-10 EFHW strung up in some trees in my yard. I still have a hard time with my copy, so these sprints where there are short exchanges are very helpful. See you again next month!

**KC3RN** - My first sprint in over a year. Glad to be back. Got a chance to use my new (to me) FT-817ND, and was very happy with its performance. Really good conditions on 40m here. Even gave out a few real 599's. Had to stop about 30 minutes early, but still happy with the results. The band was a bit crowded, and the 817 has no CW filter, but my CALF audio filter did an amazing job.

**W2BJN** - First sprint in considerable time, and I sincerely enjoyed it. It was great to catch up with new and old friends! 72 de joel



## MILLIWATT SPRINT RESULTS:

Complete sprint results, including all of the soapbox comments, can be found at <http://www.naqcc.info/sprint/sprint202106mw.html>. High scores can be seen in the tables on the next page.

SWA STRAIGHT KEY CATEGORY			
Division	1st	2nd	3rd
W1	KN1H	K1MZM	K1IX
W2	KA2KGP	WA2NYY	W2SH
W3	KC3MIO	KD3CA	AK3X
W4	KC5F	W4ELP	WT4U WG8Y (tie)
W5	N5GW	W8WEU	-
W6	WU6P	K6GPB	-
W7	KC7DM	-	-
W8	NF8M	-	-
W9	WB9HFK	N8HWV KR8L (tie)	-
W0	AA0W	KK0DJ	-
Canada	VE2VAB	VE3EDX	-
DX	-	-	-

SWA KEYER/KEYBOARD CATEGORY			
Division	1st	2nd	3rd
W1	KB1M	KC1DVT	-
W2	WA1GWH	-	-
W3	KC3RN	KW2A	AC5XK
W4	K4KRW	-	-
W5	W5WIL	KE5YUM	-
W6	NS3C	-	-
W7	-	-	-
W8	WB8LZG	W18J	-
W9	K9NUD	K9EYT	AB9BZ
W0	N0TA	-	-
Canada	-	-	-
DX	-	-	-

SWA BUG CATEGORY			
Division	1st	2nd	3rd
W1	-	-	-
W2	-	-	-
W3	K3WWP	-	-
W4	KJ4R	K3RLL	WD4CFN
W5	NF5U	-	-
W6	-	-	-
W7	-	-	-
W8	K8NGW	-	-
W9	K9DRP	-	-
W0	-	-	-
Canada	-	-	-
DX	-	-	-

### mW SPRINT SOAPBOX SAMPLER

**KN1H** - This sprint found me camping in Salt Rock State Park in Baltic, CT. Threw a lopsided doublet in a couple of trees and the KX2 did a pretty good job of tuning it on 40 and 20. Didn't expect much from 900mw and this set-up, but there are a lot of great listeners out there!

**KC3RN** - This was my first mW sprint. Lots of fun. I was surprised how strong some of the signals were.

**KR8L** - This was my first milliwatt sprint... I had a blast! I've had a lot of success at the 1.5 to 2 watt level in my QRP career, but I was still astonished by the contacts I was making with 500 mW.

# NAQCC CHALLENGE

BY GARY K1YAN #2365

## THIS MONTH'S LETTER CHALLENGE: THE SCRAMBLED JULY 4TH SIGHTS

### PREMISE:

It is time to celebrate the 4th of July again. There are lots of iconic things that we expect to do, see and hear each year. A few of them make up the word list for this July challenge. As you may notice, they are a bit of an alphabet hash and badly in need of being untangled.

Give it a try with the aid of the hints in parentheses ... the hints are not part of the word list and are just a little helper. If you give up on one, find the unscrambled answers at the bottom of the next page. No matter how you get the solution to this scramble, **PLEASE SUBMIT YOUR LIST IN UNSCRAMBLED ORDER.** Have fun and a safe and happy holiday.

### 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://naqccletters.azurewebsites.net/>

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 [charlie.wilber@gmail.com](mailto:charlie.wilber@gmail.com)

Subject: (your call) NAQCC (month) 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)

**WORDS**

- RORKSWIFE APLYDISS ( They light up the night )
- YACKBRAD QUARBESEB ( The chow line forms here )
- DAPARSE NAD FATLOS ( Entertainment on the road )
- IOPTICRAT TRECCONS ( America's music on display )
- GLAFS NAD NUTBING ( Patriotic hangings )

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**JULY CHALLENGE TRACKER:**

A	B	C	D	E	F	G	I	K	L	N	O	P	Q	R	S	T	U	W	Y

X

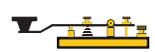
Every time you work a new station this month, mark off the lowest box under each letter of the call to track your progress and see what letters you still need.



**SPOILER ALERT! ANSWERS:**

PATRIOTIC CONCERTS  
 FLAGS AND BUNTING

FIREWORKS DISPLAYS  
 BACKYARD BARBEQUES  
 PARADES AND FLOATS



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

## NEXT MONTH'S CHALLENGE

August's Patent Medicine Challenge will have the cure for what ails you.

<http://naqcc.info/challenges/challenges202108.html>

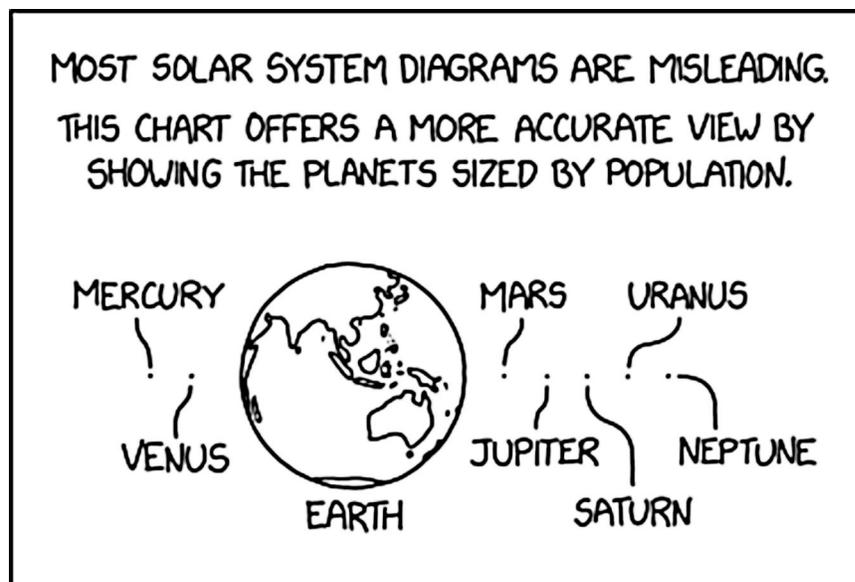
## LAST MONTH'S CHALLENGE

The deadline for submissions for our Crossword Panic of 1944 Challenge is still a few days away. You can see what has been submitted so far at <http://www.naqcc.info/challenges/challenges202106.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\\_sdchedule.html](http://naqcc.info/challenges_sdchedule.html).

Number of Challenges	Members
25+	W3IQ KJ4R VE3DQN AH6AX WB4OMM KU4A KD0V K9OSC N1JI KA5PVB WY3H VE3HUR K14IO N4OW KB1M WY7N N1LU KD2MX
50+	VE3FUJ PA9CW WI5H NF1U WA2FBN G3JFS AK3X N9SE
75+	PA0XAW
100+	K1IEE K1YAN
125+	
150+	K3WWP W2JEK N8XMS



# ROWBOAT MOBILE mW SPRINT

REPRINTED FROM JUNE 2008

BY JAKE NOLX #1948

I love a challenge. Maybe that's why I entered my very first CW contest running one watt from an eight-foot rowboat. I left the dock at 0030Z and enjoyed rowing around the lake as I listened for conditions on the bands. Forty meters was filled with QRN, and even 20 had its share of static crashes.

When the mW Sprint began, the temperature was still in the 80s and the winds were calm. The noise on 40 meters was getting worse, so I stayed on 20. Of the five contacts, Rick, AA4W, was the farthest at 1,500 miles away in Florida. I checked in-do.com's distance calculator and found that all but one contact qualified for 1,000 miles-per-watt.

For QRP operating from the boat, my Yaesu FT-817 hangs by straps below the center seat in the boat. I use Velcro wrapped around my leg to hold a 4" x 6" spiral notebook for logging. The Palm mini-paddles rest on top of that. The antenna is a 33-foot, homebrew EFHW supported by an MFJ fiberglass pole mounted in the bow. Despite its appearance, the arrangement is quite stable on the water. With two sets of toroid loading coils, the antenna is an electrical half wave on 40m. With

the coils bypassed, it becomes a full size half wave on 20. I match the high impedance with a parallel L/C circuit made with more toroids and a tuning cap from an old AM radio. I use no counterpoise or radials.



The hour went by too fast, but it was a workday, and I still had to pack up the boat and gear, drive



home, and then unpack before heading off to bed. It took me two extra hours to fall asleep as I pondered purchasing a straight key, thought about what lake I would try for the next contest, or whether I might use my backpack setup and operate pedestrian mobile. After all, why be stuck playing radio inside when the weather is so nice? I'm looking forward to participating in future NAQCC sprints.



# 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)

**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.**

## NET CONTROL STATION REPORTS

### 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)

Jun 01 - QNI(4) NCS KA5TJS KE5YGA KE5YUM N4NN

Band was good for YUM and not so hot for YGA and NN. 599/569/559 respectively. The QRN was rough here from storms out to the west. All stations were QRO last night. We are still on 3566 kHz. Hoping for better propagation on 80 meters next week. Solar storms are not helping a lot HI HI.

Jun 08 - No net last night, heavy thunder storms from East TX up thru AR. Kept us off the air and unplugged. We got 3 inches here and it rained for about 4 hours.  
Hope to be back on the air next week.

Jun 15 - QNI(3) NCS KA5TJS KG5CMS KE5YGA

Don joined us from Kilgore, TX for a short QNI. He was 589. Andy was 579 with QSB. The band is getting worse as the summer progresses. We may have to try 40 meters here shortly.

Jun 22 - QNI(4) NCS KA5TJS KE5YUM KE5YGA N4NN

3566 kHz Had Terry 569 at check in but NIL when called. Andy was in there but no copy. The QRN from wide spread thunder storms was horrific.

7066 kHz N4NN in GA was 589, solid copy. Summer conditions again. We will continue to call on two bands and see how it goes.

Jun 29 - QNI(3) NCS KA5TJS KE5YUM KE5YGA  
3566 kHz was pretty good last night. YUM was 599 and YGA was 579. The QSB was pretty bad but good copy on most. I tried a call at 7:34 on 7066kHz with no takers.

### NAQCC MIDWEST QRS NET (MWN)

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

Jun 07 - QNI(0) W0CC  
A LOT of QRN. Only heard one station, too faint to discern. Tomorrow night is the SPRINT and, hopefully, the bands will be better!

Jun 14 - QNI(0) W0CC  
Heard one, very faint, intermittent station and could not copy the call sign; but, from the "bits and pieces", it might have been Nate, N8HWV.

Jun 21 - QNI(2) W0CC, WA9SWW  
Steve did a GREAT Job in pulling out the weak signal!

Jun 28 - QNI(0) W0CC  
Significant QRN and heard two faint signals that I was not able to copy. Next Week!

### FRN NETS LEAVING NAQCC

The West Coast FRN Nets (NCS's Rick N6IET and JB NR5NN) have decided to focus on the use of CW on the air, developing the skills of all involved, and to no longer require QRP operation. The size of these nets (they are quite popular) and the geography of the Western US have made QRP operations difficult.

These nets will go to 5–100w operation effectively immediately and will no longer be listed on the NAQCC website or in the Newsletter. We wish Rick and JB all the best as they continue to run these nets, and fully support their mission to increase the enjoyment of CW and develop better CW operators.

**Mark W8EWH**

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

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

Jun 04 - PNW QNI (4) NCS WB4SPB, KI7SJE, KE7LKW, AD7BP

Jun 11 - PNW QNI (8) NCS KE7LKW, K7CLA, WB4SPB, KI7SJE, K7JUV, N0DA, AD7BP, N6KIX

Jun 18 - PNW QNI (4), NCS WB4SPB, KE7LKW, W7ANM, WB7WHG

Jun 25 - PNW QNI (5) NCS KE7LKW, WB4SPB, KI7SJE, AD7BP, WB7WHG

### NAQCC 1 LAND QRS NET (1LND)

Main NCS Ed K1RID (Maine) — suspended



# NAQCC AWARDS

You may already be a winner! NAQCC has an extensive list of awards. Check your log to see if you're close, or just need to submit. Complete details can be found at <http://naqcc.info/awards.html>.

## FEATURED AWARDS:

### 1000 MILES PER WATT AWARD

Make a QSO using 5 watts or less power and a simple wire antenna in which distance(miles) / power(watts) is greater than 1000.

To show the super-efficiency of CW, this award is issued to anyone who demonstrates that efficiency by making a QSO using QRP or QRPp and a simple wire antenna per NAQCC standards where the distance between stations divided by power in watts is greater than 1000. You can find a distance calculator here.

### KMPW 100 AWARD

Make 100 QSOs in which distance(miles) / power(watts) is 1000 or greater.

It is fairly easy to get a 1000 MPW award with the modern equipment in use nowadays. Russ N9IV wants to make it a bit harder and he suggested this award. It involves making not 1, but 100 KMPW QSO's. Even that is not all that hard in

reality as I found out when I (K3WWP) checked my log to see roughly how many such QSO's I had here. I used a great circle map centered on Kittanning, PA and added up all my QSO's from countries that were entirely 5,000 miles or more from my QTH. I didn't count QSO's from countries that were partly inside the 5,000 mile distance nor those countries within 5,000 miles that I worked with less than 5 watts. Going by that premise I have 395 such QSO's, 169 of which are verified by regular QSL card. I mention the verified total because Russ believes all the QSO's should be verified. We address that in the rules below. When you work on your totals, you can find links to distance calculators here.

NOTE: The mileage figures listed in the QRZ.com database are NOT accurate. For example, in checking my Japanese QSO's, all come up to the same exact distance there despite being in many different cities.

Complete details on this award can be found at [http://www.naqcc.info/awards\\_wpxswa.html](http://www.naqcc.info/awards_wpxswa.html).

## RECENTLY ISSUED AWARDS

### 30-30 AWARD

Nr	Call	Month	Date
0047	PA9CW	Apr 2021	04/22/21
0048	PA9CW	May 2021	05/19/21
0049	PA9CW	Jun 2021	06/15/21 all DX Contacts

### 30-30 AWARD - MAGNUM (THREE MONTHS)

0011	PA9CW	Feb, Mar, Apr 2021	04/22/21
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Awards earn you participation points so you're eligible for the best prizes in the annual anniversary drawings.



# NAQCC CHAPTER NEWS

The North American QRP CW Club currently has six local chapters - Western Pennsylvania, West Florida, Illowa, Downeast Maine, Long Island, and Florida - 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 LONG ISLAND CHAPTER



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

Questions and comments should go to Howard, WB2UZE.

### QRP OUTING NO. 16 CAPTREE STATE PARK

Our last operation was in January and it was great to get out and about again

We started out at the Atlantis diner for good food and conversation with 5 of us (I am taking photo). The WX was nice and the usual photo going over the Great South Bay Bridge is attached.

Once at Captree State Park we set up as follows:

Kevin KC2KC: Xeigu G90 into a random wire vertical held down by a his car tire.





Walt W2TE: KX2 to a 20m vertical

Ed N2GSL: 4W Mountaintopper into a Wolf River coil vertical

John W12C: KX2 to linked dipole for 40-20m

Karen W2ABK: Came down with her new Buddipole and a FT450 but forgot the power supply cables so she will have to make an encore another time



Ed N2GSL



Kevin KC2KC



Karen W2ABK with Buddipole



Also attending was Rich K2UPS with a hybrid mid 80's NCG transceiver, Howard WB2UZE and Colin KD2TQT who came all the way from Brooklyn with his son but had to return quickly as he lost a lot of time in traffic

We heard DX from Europe as far as Georgia (E. Europe) and S. America as far as Ecuador on 30,20,17m but everyone we called never responded which was a bit frustrating. To Europe we were being covered up by EU stations hearing each other on short hops. Cumulatively we had a few QSOs domestically with AR being the furthest. So the main part here was the camaraderie and finally being able to get back together. We will head back out in July

**Regards  
Howard WB2UZE**

Walt W2TE



Walt W2TE & Howard WB2UZE



John W12C

## 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>.

No Report

## 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>.

No Report

## 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.

The WPA Chapter has suspended all its activities until further notice because of the virus situation.

## 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.

No Report

## 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/>.

No Report

## 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/>.

No Report



HAM QUIPS DICK SYLVAN W9CBT



NEXT YEAR LET'S SEE IF WE CAN FIND A PLACE WITH COOLER CONDITIONS FOR FIELD DAY!

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).

# 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.

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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:

Club President Steve Szabo, WB4OMM  
536 Central Park Blvd  
Port Orange, FL 32127 USA

