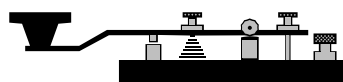


NAQCC NEWS

ISSUE 325 · JULY 2025



KEY CLICKS

- **IN THIS ISSUE**

The Prez Sez...; QSO Party Challenge; A Bicycle QRP Mini-DXpedition; 1,000 Miles per Watt with a Tuna Tin and a Micronaut; plus Nets, Polls, Sprints, Soapboxes, and more.

- **FLIGHT OF THE BUMBLEBEES**

The ARS Flight of the Bumblebees is a four-hour event open to all QRP CW operators coming on 27 July. More info [here](#) and in the newsletter.

- **MORE QRP CW EVENTS?**

Yep! We have a volunteer writing a new section of the newsletter highlighting upcoming QRP and CW events around the world.

- **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 <https://naqcc.info/memberlist.php> to make sure the rest of the fields are correct and then fill out the member update form here: https://naqcc.info/member_updates.html

- **CONTENT SUBMISSIONS**

We always say we're ready for some new articles, but it looks like we'll be out in just a couple months. So send in your stuff!

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THE PREZ SEZ...

Summer smiles upon us and brings out the bees and mosquitoes... and maybe a Cricket or two, too?

In addition to our July Sprint (noted elsewhere in this newsletter) and the Monthly Challenge, there is also the Flight of the Bumble Bees (FOBB) on July 27. Info [here](#).

Check it out, it's fun. Our club call, N3AQC will be in use by K3WWP, John Shannon.

John will also use the call in the annual Mosquito Hunt on August 17. See their website [here](#).

Check each of the sites to see if you should have a number or not.

JUNE MW SPRINT WINNER

The June mW Sprint held on June 18th had 79 participants and 55 logs. A random drawing of the logs produced the winner of the 80-10m antenna kit by QRP Builders, Jody Nelis, K3JZD.

Thanks to all. Pretty good turnout for flea power!

SPRINT BANDS - FREQUENCIES

If we stick to these areas it should be easier for all.

- 80m 3555 – 3565 kHz (Be courteous to FISTS operating on 3558 kHz)
- 40m – 7030-7045 kHz
- 20m – 14059-14065 kHz

JULY MONTHLY CHALLENGE

The GRASSHOPPER Challenge has a unique story to it. In addition to a Piper Cub blowing up tanks, the plane now sits

in a museum in a town that I lived in as a first grader... and also has my middle name, too!

Remember that the whole of Earth had a 4th of July. We hope yours was GREAT!

DONATIONS

Donations are always needed, appreciated, and required for operating expenses and prizes. Please mail your tax deductible check payable to:

*North American QRP CW Club, Inc
35 Heather Circle
Cave Spring, GA 30124*

Also an option—not my favorite—is to send your donation directly to me through my Paypal account (jleahy00 at yahoo dot com). If you choose this method, PLEASE be sure that you indicate NAQCC and your membership number.

CONTENT SUBMISSIONS

We are ALWAYS looking for content for the monthly Key Clicks News, keep it QRP related, a few pics and comments, please help our new editor out.

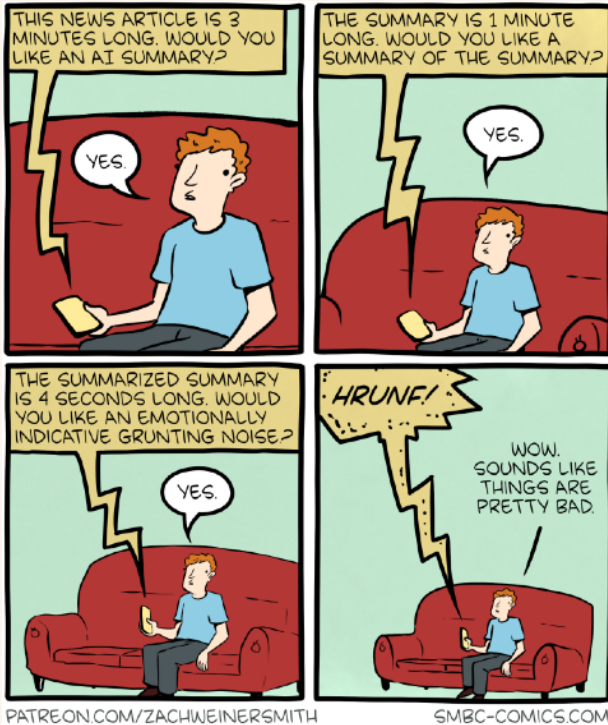
Until next time, enjoy your summer and keep a fire extinguisher handy for the BBQ.

*72,
John KK4ITX #7249
kk4itx@proton.me
NAQCC President
A little bit of QRP on a
wire goes a long way!*



LETTER FROM THE EDITOR

BY ANDY KO4EPY
#11856



SMBC: <https://www.smbc-comics.com/comic/summary>

We have a new segment starting this month—QRP Contest and Event News on page 14—by volunteer Jim K7QI/Z81A. Check here for a list of the next month or two of QRP and CW events relevant to an NAQCC member like yourself.

We are working to get the newsletter out a little bit earlier each month. However, in the meantime, don't forget to check the [website](#) for the most up to date information on things like club sprints and challenges.

BICYCLE QRP MINI DXPEDITION

BY VLADO Z35M

On 29-30 July 2024 I made my 15th Bicycle QRP mini DX-pedition to Albania for the ninth year in a row since 2015.

This one was my first tent overnight activation. The starting point was from the city Struga in North Macedonia (Z3) and the final destination was the camp near the city of Pogradec in Albania (ZA) right on the west shore of The Ohrid lake. This location was valid for both POTA ref. AL-0013 and WAFF ref. ZAFF-0018.

It took five hours of pedaling for the round trip of 65km/40 miles of which half was riding uphill.

The equipment was Elecraft KX2@5W with built-in ATU and 2.2Ah Li-Ion battery (plus one spare battery with charger). My an-



tenna was a 5m telescoping vertical with four ground radials.

The first day I made 111 QSOs in three operating sessions, all CW on 20/30 and 40m bands. The most productive band was 20m. The majority of QSOs were with EU stations, but there were QSOs with three stations from Japan (JH8GEU, JH8SLS, JI0VIF), two from Asiatic Russia (RO9O, RU9AD) and one from Israel (4Z5PF).

Several two-way QRP QSOs were made including F6FTB, SM6TKG and IZ2XAO. In pile-ups I made QSOs with OH0/DL1SVA and E7/DL2JRM.



The nearby mountain blocked the path to the west and northwest (NA).

The next day on the way back to home I made one short activation in "Guerilla QRP Portable" style 1km/0.6 miles from the border crossing between ZA and Z3 on a plateau 1000m/3300 feet asl.

This time only 13 QSOs were made on 20m and 30m. The two day cross-border activation ended with a total of 124 QRP QSOs, all on CW. Not bad for QRP but the adventure made first place.



NAQCC AWARDS

BY JOHN KK1X #2198

We have a ton of interesting awards available for QRP CW operators. Here are a few of our current awards to pique your interest:

FRIENDSHIP CLUB AWARD

Earn points for QSOs with members with more points being assigned to contest/sprint QSOs and especially where you really learn something about who you are working. Or work 200 different members counting each as simply a one-point QSO regardless of type. The choice is yours. Details: <https://naqcc.info/awards-workedmembers.html>

NEW MEMBER AMBASSADOR AWARD

All of us have probably experienced the awkward and uncomfortable feeling that comes from being "the new guy" somewhere. This award is a spin-off from our Friendship Club Award and is designed to help make our newer NAQCC members not only feel welcome but also wanted. Details: <https://naqcc.info/awards-ambassador.html>

1000 MILES PER WATT AWARD

NOTE: We are adding an antenna description to the award winners page because of curiosity in just what kind of simple wire antenna our winners are using. So please add a BRIEF antenna description when you apply for an award. Examples: Dipole @ 30'; Random wire @ 25'; Inv V @ 50'; etc.

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](#). Details: <https://naqcc.info/awards-1000mp-wwa.html>



CLUB CALLSIGN: N3AQC

USE THE CLUB CALL

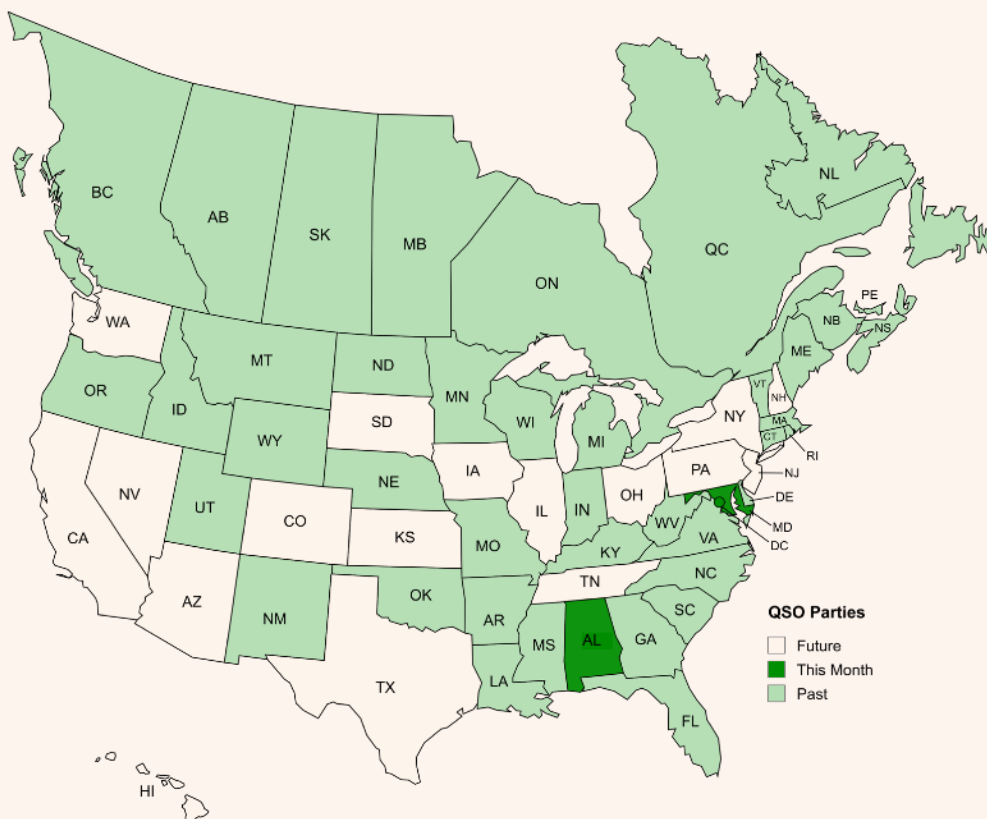
Help promote NAQCC by using our Club Call, N3AQC. Simply contact John KK4ITX via email and he'll get you going. Let him know the date(s), time(s), bands to be used, expected OPs, and location.

WE'LL ADVERTISE YOUR EVENT

John will promote your outing via the NAQCC Groups.io and the NAQCC general news email system. Your event will be posted on the N3AQC QRZ page and is the official record of the call's use.

By Don VE3DQN #5846

We're in the middle of the scheduled summer break for State QSO Parties, but I suspect that we all will find plenty of events that cater to QRP and CW activity: Field Day, POTA, SOTA, Flight of the Bumblebees, and the regular NAQCC Sprints and Challenges. Mark your calendars, however, for the two SQPs that occur between now and the August Newsletter: Alabama (late July) and Maryland-DC (early August). Don't miss the multiplier, and tack on some points.



To date, 44 NAQCC members are posted on the Scoreboard for SQP Challenge participation. I know oth-

ers have participated but perhaps not posted on 3830scores.com where we draw our data. 15 have already earned SQP Challenge certificates, and "a couple handfuls" are close to earning certificates by the end of the season.

It's great to see Alan KR4AE back in the running and close on pace for 100,000 points to earn the Diamond award by the end of the SQP season, as he did two years ago. And cheer on Steve NI8W and Brent WT4U who have gained the multiplier in all 29 SQPs so far this season. And forgive me for a little back-patting, but you might note that two Canadians are

Upcoming QSO Parties					
State	Times	IN	Out	Freqs	Links
Alabama	Jul 26 1500Z to Jul 27 0300Z	RST County	RST ST	up 45	rules
Maryland-DC	Aug 09 1400Z to Aug 10 0400Z	RST County	RST ST	3.557 and 45 up	rules

currently in the top 5 on the Scoreboard—Ron VE3SIF and yours truly. In true Canadian fashion, should we say, “Sorry”?

QUESTIONS?

... or comments? Don't hesitate to write me: don@hekman.net

LEADERBOARD

See the full list at http://naqcc.info/qsoparties_scores.html

Member	Mult	QSOs	Score	Award	Pace
Alan KR4AE #5847	24	1,232	29,568	Platinum	81,004
Ernie N2DGQ #11090	23	882	20,286	Gold	55,575
Ron VE3SIF #10033	24	657	15,768	Gold	43,198
Steve NI8W #11335	29	527	15,283	Gold	41,869
Don VE3DQN #5846	23	628	14,444	Gold	39,571
Mike W7LG #10391	21	332	6,972	Silver	19,100
Rick KY0Q #9647	17	357	6,069	Silver	16,627
Kevin KE3V #855	20	285	5,700	Silver	15,616
Anthony K8ZT #412	23	240	5,520	Silver	15,123
Kevin NN3E #9851	22	240	5,280	Silver	14,465
Brent WT4U #9019	29	156	4,524	Bronze	12,394
Don KI4MZC #10922	14	200	2,800	Bronze	7,671
Corry N1OI #10267	10	181	1,810	Bronze	4,959
Greg KB1AWM #9958	4	452	1,808	Bronze	4,953
Will NQ2W #4839	8	103	824	Bronze	2,257

QSO PARTY CHALLENGE SOAPBOX SAMPLER

Steve NI8W #11335 I heard N8II early on and worked him on the first call. I didn't hear another WV station all afternoon and into the early evening. We went out to our weekly movie night, and when we return at about 10 PM local, WV stations were finally booming in. I worked three in quick succession and called it a night. 72, Steve

Rick KY0Q #9647 My experience with the WVQP wasn't the best. I didn't have time to get on the air until later in the contest and I found little activity on bands that weren't in great shape. I was happy to finally find a second WV station for the multiplier.

Ernie N2DGQ #11090 I missed the last Six (6) SQP's so I tried to hit the WV QP's big time. But no such luck. I only had limited time up till 5:30 PM and only could log Seven (7) QSO's. Looking forward to Field Day this weekend. C U all in a month.

Brent WT4U #9019 I put out a reminder on FB for everyone to check their power level after the mW Sprint, but still tried two WV stations before realizing I was still running 1W. Apart from that, 20m was long as expected, but not much trouble working a few on 40m. Steven NI8W and I are the only ones who haven't missed a multiplier yet. Hope we're both able to hang on for 18 more!



ADVENTURE RADIO SOCIETY

FLIGHT OF THE BUMBLEBEES

The Adventure Radio Society Flight of the Bumblebees is a QRP CW event held annually on the last Sunday of July. It is open to all radio amateurs. This year it falls on **Sunday, July 27, at 1700 to 2100 UTC.**

CONTEST PERIOD BY TIME ZONE (LOCAL TIMES)

- 1 p.m. to 5 p.m. Eastern
- 12 p.m. to 4 p.m. Central
- 11 a.m. to 3 p.m. Mountain
- 10 a.m. to 2 p.m. Pacific
- 7 a.m. to 11 a.m. Hawaii

APPLYING FOR A 2025 FLIGHT OF THE BUMBLEBEES (FOBB) NUMBER

If you plan to operate the 2025FOBB portable—in other words, operate from a field location—then you're invited to request a Bumblebee Number. Click [here](#) to obtain one. Home stations do not need a number.

Bumblebee Numbers do not carry over from year to year. Each year, participants must request a new Bumblebee Number to use for that year.

Bumblebee Numbers will be sequentially assigned. There will not be any ability to request any specific numbers.

Problem obtaining a BB Number? Email fobb-number@ars-qrp.com directly.

ADDITIONAL INFORMATION

Information regarding rules, exchanges, submitting logs, etc. is available [here](#).



1000MPW WITH THE TUNA TIN AND MICRONAUT

BY MAL N2QFD #196



I got my NAQCC number while up at Paul Smith's in the Adirondacks. I had been licensed a few years and was discovering the joys of CW.

By that point, I was really starting to understand the potential of low power radio, and I was in a physics class specifically for surveyors where we did everything in trig instead of calculus. In this class, we had to do a project and I thought "I'm gonna make a radio." I looked up the Micronaut Transmitter, got an etch your own kit from Radio Shack and actually built the thing into a deviled ham can.



A very used Icom came along after that which did the trick with a more stable frequency output and I started building QRPp units. There was a sort of bug in the air and a Tuna Tin was produced, and another Micronaut, and a Michigan Mighty Mite.

What's funny about it all is that I got the thousand miles per watt award twice working the same guy KB8KRD! Once with the Tuna Tin and once with the Micronaut.

NAQCC CHALLENGE

BY GARY K1YAN #2365

THE GRASSHOPPER

If you were in the German military in WWII, you faced Allied airpower in many forms. Aircraft names like King Cobra, Helldiver, and Avenger suggested lethal, no non-sense, war machines.

How about Grasshopper? That sounds like anything but a real threat. The L-4 Grasshopper was a single engine, 65 horsepower, 80 mph, unarmed Piper Cub. It was used as a spotter plane to observe and report enemy movements.

Some spotter pilots got tired of just observing and decided to add some teeth to their little plane. Probably the most effective of these efforts was made by Lt. Col. Charles Carpenter, AKA "Bazooka Charlie." He fitted his L-4, christened "Rosie the Rocketeer," with six M1A1 bazookas and went hunting. In one month he destroyed four German tanks. On one

occasion, he was credited with stopping a German counterattack.

The downside of his effort was that the spotters, who were often left alone when over enemy territory, now got a heated reception. Carpenter survived the war and returned home safely. Many years later, the original Rosie the Rocketeer was discovered in Europe. She returned home and was restored to WWII condition. Rosie is now flyable and will be displayed at the American Heritage Museum in Hudson, MA. If you are a fan of things military, check out AmericanHeritageMuseum.org and put the museum on your to-visit list.

TIME FRAME

The first day of the month 0000Z through the last day of the month 2400Z.



AWARDS

A certificate and Participation Point go to everyone making all the words and submitting their report before the deadline.

A Participation Point goes to everyone making at least 1, but not all the words and submitting their report before the deadline.

YOU MUST COMPLETE AND SUBMIT AT LEAST ONE WORD TO RECEIVE A PARTICIPATION POINT!

LOGS

For your report, list the words you made and the station used for each letter in the word. The number of stations listed must be the same as the number of letters in each word, even though you use the same station for more than one letter as in:

WORD - K3WWP N2OD WA8REI N2OD
NEXT - NF8M W8REI N8XMS K9EYT

(Note how N2OD is listed for both the O and D.)

You may also include comments about the challenge. Please preface any comments you want posted with "SOAPBOX:" so we will know what you want posted and what is private.

SUBMITTING YOUR ENTRY

Send your results as text in the horizontal format shown above to Charlie N1AOK at: charlie.wilber AT gmail.com (You must type that address into your email program.)

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

For example: K3WWP NAQCC January 2022 Challenge

All entries must be RECEIVED before the 10th of the following month at 2400Z.

NAQCC CHALLENGE SOAPBOX

KD6XU Another fun one. Thanks!

VE3KZ Two DX stations on 15m and virtually all the rest POTA on 40 and 20.

W4JL TNXFR Another wonderful challenge! 72 W4JL DAVE NC 10660

KC5F It's very sad knowing this is the last Challenge where I'll be able to include Tripp, N4NTO. He was a great POTA operator.

K3ES Another fun challenge, but completed without activating a park.

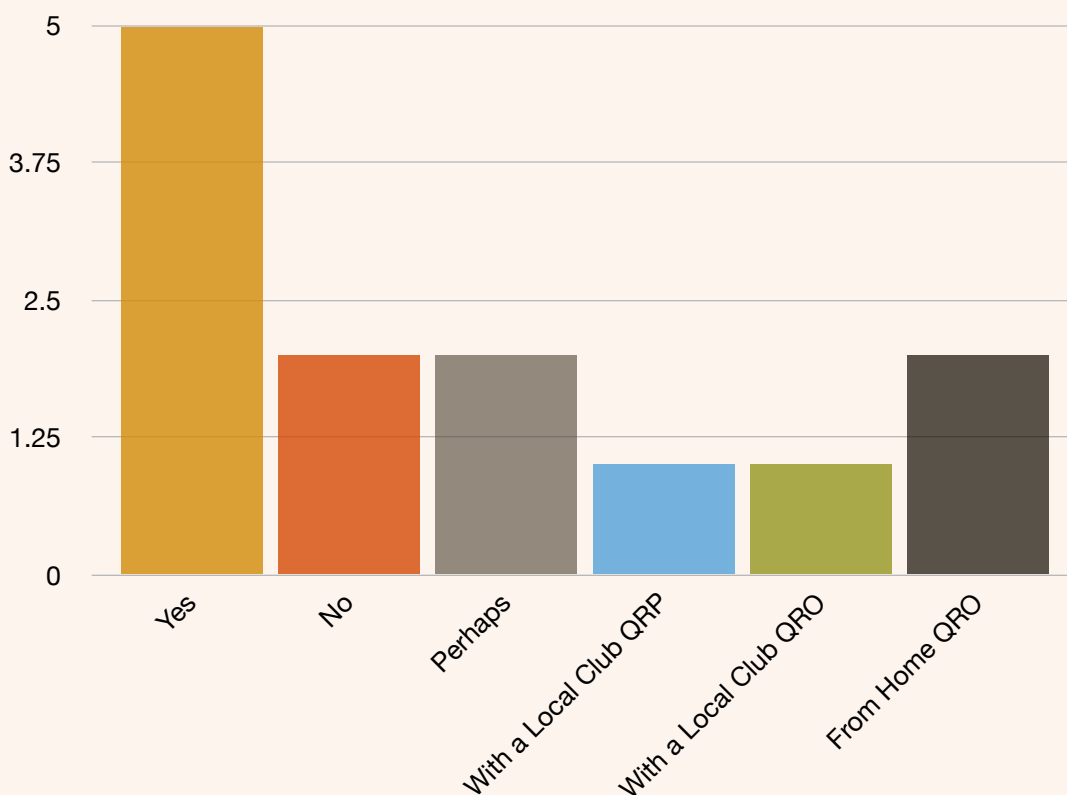
MEMBER POLLS

JULY POLL

Summits on the Air (SOTA) and Parks on the Air (POTA) are popular activities. Do you ever try these or set up in a local park for fun, public exposure, etc.? https://naqcc.info/poll_new.html

JUNE POLL

ARRL Field Day is the most popular on-the-air event held annually in the US and Canada. Are You going to try QRP CW?



QRP CONTEST AND EVENT NEWS

By JIM K7QI / Z81A

Hello fellow QRP hobbyists! My name is James (Jim) Pratt, K7QI/Z81A, and I have volunteered to help provide readers of the NAQCC newsletter with information regarding events and contests outside of our own scheduled activities. Let's get started!

QRP AND CW CLUB CALLS

- The 4 State QRP Group is authorized to use WQ5RP. This group call was years in the making, waiting for a combination of letters involving *Q*RP. As luck would have it, Robert Sorge owned the call. Over some time, Mr. Sorge decided to give his call to the 4SQRG group so they could own this club call, while Mr. Sorge went on to become K5VFO. Then came the red tape. Bart Lawson (W0ITT, now silent key) took up the torch and worked with FCC to switch the two call signs.
- On 22 June, I happened to stumble across another group call on 20 meters—KS1KC—which belongs to SKCC. So be on the hunt for this club call.

QRP AND CW EVENTS

You'll notice that some of the events listed below do have corresponding NAQCC activities, like the state QSO parties. In any case, we figured this makes a nice one-stop table to look up all relevant upcoming on-air happenings.

Event	When	Link
NTC QSO Party	1900Z-2000Z, Jul 17	https://pi4ntc.nl/ntcqp/
SKCC Sprint	0000Z-0200Z, Jul 23	https://www.skccgroup.com/operating_activities/weekday_sprint/
North American QSO Party	1800Z, Aug 2 to 0559Z, Aug 3	https://ncjweb.com/naqp/
ARS Spartan Sprint	0000Z-0200Z, Aug 5	https://ars-qrp.com/Spartan_Sprint/Spartan_Sprint.html
SKCC Sprint Europe	1900Z-2100Z, Aug 7	https://www.skccgroup.com/operating_activities/skse/
FISTS Saturday Sprint	0000Z-2359Z, Aug 9	https://fistsna.org/operating.php#sprints
SKCC Weekend Sprintathon	1200Z, Aug 9 to 2400Z, Aug 10	https://www.skccgroup.com/operating_activities/weekend_sprintathon/
FISTS Sunday Sprint	0000Z-2359Z, Aug 17	https://fistsna.org/operating.php#sprints
NJQRP Skeeter Hunt	1700Z-2100Z, Aug 17	https://www.qsl.net/w2lj/
QCX Challenge (includes QDX and QMX)	1300Z-1400Z, Aug 25	https://www.qrp-labs.com/party.html
QCX Challenge (includes QDX and QMX)	1900Z-2000Z, Aug 25	https://www.qrp-labs.com/party.html
QCX Challenge (includes QDX and QMX)	0300Z-0400Z, Aug 26	https://www.qrp-labs.com/party.html
SKCC Sprint	0000Z-0200Z, Aug 27	https://www.skccgroup.com/operating_activities/weekday_sprint/

NAQCC SPRINTS

JULY SPRINT

Our regular Sprint this month will be on Thursday, July 17th at 0030-0230Z. That's the evening of Wednesday, July 16th in North America. Complete information at <https://naqcc.info/sprint/sprint202507.html>.

RULES

Complete sprint rules and instructions on how to submit your log can be found at 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/contest-s.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.

JUNE SPRINT RESULTS

Complete Sprint results, including all of the soapbox comments, can be found at <http://www.naqcc.info/sprint/sprint202506.html>. High scores can be seen in the following tables.

JUNE SPRINT				
	Current Month	Previous Month	All-Time Record	Record Date
Total QSOs	915	934	3,154	4/17
Hour 1 QSOs	566	606	1,704	4/17
Hour 2 QSOs	349	328	1,450	4/17
20m QSOs	350	209	1,232	8/13
40m QSOs	554	670	2,203	4/17
80m QSOs	11	55	1,417	2/13

SPRINT SOAPBOX SAMPLER

NO2D Stuck with 20 meters as still daylight here. Arm gave out after 10 contacts. Signals were good. Lots of fun. Thanks to all who make the sprints possible. Peter, NO2D

K3RLL Whew, those were rough seas tonight with pretty good thunder-boomer seeming hovering over my QTH. It was a good night for a low wire; not so much for anything higher or better. I appreciate the five good ops I worked but took an hour. RBNs were much better into Europe than stateside again tonight. Funny how that works. Thanks 72, ... Don

VE3SIF Thanks for the contacts. I was using an Icom 705 and the BaMaKey TP-III. Very noisy here on 40 meters, but a few contacts. Sorry if I missed anyone. Hope to see everyone again next month. 72 Ron

KD7DUG QMX mid band running OCF dipole. 20 Meters was long. Ask for NR repeats due to QSB but the band condx were great tonight compared to the last couple weeks. Thanks everyone for the QSOs

SWA - STRAIGHT KEY CATEGORY

Division	1st	2nd	3rd
W1	KN1H	K1IX	WB1GYZ
W2	KA2KGP	KN2G	W2SH
W3	KC3MIO	K3JZD	KC3RN
W4	KC5F	K4BAI	W4NLT
W5	AI5BE	KA6J	N5GW
W6	K6GPB	-	-
W7	KC7DM	-	-
W8	-	-	-
W9	K9NUD	WB9HFK	K9QEW
W0	N0TA	NO2D	NN0SS
Canada	-	-	-
DX	-	-	-

SWA - BUG CATEGORY

Division	1st	2nd	3rd
W1	-	-	-
W2	-	-	-
W3	KE3V	-	-
W4	KJ4R	K3RLL	-
W5	KD5ZCQ	KT3X	-
W6	-	-	-
W7	N7QR	-	-
W8	-	-	-
W9	-	-	-
W0	KD0V	-	-
Canada	VE3IIM	-	-
DX	-	-	-

SWA - KEYER/KEYBOARD CATEGORY

Division	1st	2nd	3rd
W1	KB1M	N2CN	-
W2	N2ESE	WA2FBN	WA1GWH
W3	KD3CA	-	-
W4	WB0CJB	WX4RM	KM4JEG K4KRW (TIE)
W5	-	-	-
W6	KD7DUG	-	-
W7	KF7Z	-	-
W8	WI8J	W8GG	NF8M
W9	-	-	-
W0	WU0A	-	-
Canada	VE3SIF	-	-
DX	DK1VD	-	-

GAIN ANTENNA CATEGORY

Key Type	1st	2nd	3rd
SK	-	-	-
BUG	WD4CFN	-	-
K/K	-	-	-

SPRINT FREQUENCIES

Band	Frequencies
80m	3555-3565 kHz Be courteous to FISTS operating on 3558 kHz
40m	7030-7045 kHz
20m	14059-14065 kHz

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

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 7:00 PM CDT	Tuesday 0000 Z	7067 kHz (summer) 3566 kHz (winter)	Allen KA5TJS (TX)
Midwest QRS Net (MWN)	Monday 7:30 PM CDT	Tuesday 0030 Z	7031 kHz	Bob W0CC (KS)
Pacific Northwest QRS 80 Meter Net (PNW80)	Thursday 7:00 PM PDT	Friday 0200 Z	3556.5 kHz	Stewart KE7LKW (WA)

Note: On the rare occasion 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 7:00 PM CDT, which is Tuesday 0000 UTC, on 7067 kHz +/- (Summer) or 3566 kHz +/- (Winter)

Main NCS - Allen KA5TJS (Texas)

June 03 QNI (3) NCS KA5TJS, KE5YGA, N4NN

Very poor conditions with the solar flare still messing up the propagation. Lost YGA after first comments. QSB was bad. Allen NN was doing well from GA. He worked a POTA this week-end and got only 4 contacts in 4 hours! Hope the conditions improve soon.

June 10 No Net

June 17 QNI (3) NCS KA5TJS, KE5YGA, N4NN

Good conditions on 40. Had to move up to 7.068 due to QRM on usual. YGA has flooded creeks and other issues. NN doing well in GA. Today. Going to get into the 90s later this week.

June 24 QNI (2) NCS KA5TJS, KE5YGA

Band in good shape to AR tonight. Andy was 579 and getting a new generator but hopes he won't have to use it! Terry is still recovering from surgery and hope he will be back on soon.

NAQCC MIDWEST QRS NET (MWN)

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

June 03 QNI (1) NCS W0CC

Bands were good and could hear some DX; however, apparently, no one was copying me.

June 10 QNI (3) NCS W0CC, WB9HFK, K0CDJ

Both Mark and Bill had great signals with the QRN! Both are fine operators and put me to shame!

June 17 No Net

June 24 QNI (1) NCS W0CC

Not many stations are on the air. Must be summer vacation time!

NAQCC PACIFIC NORTHWEST QRS 80 METER NET (PNW80)

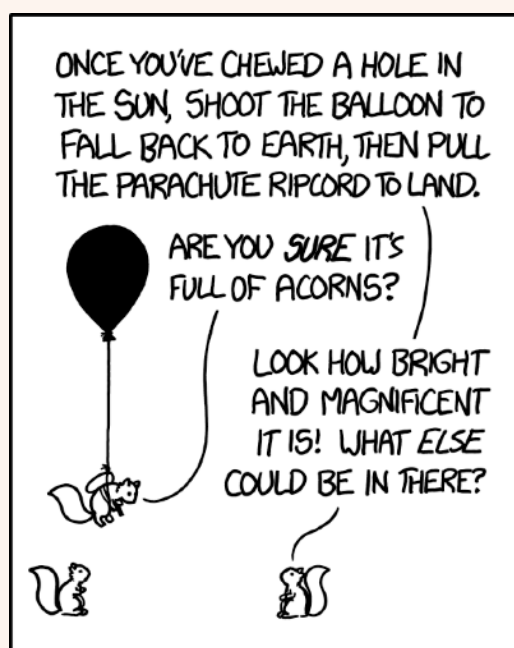
Thursday evenings 7:00 PM PDT, which is Friday 0200 UTC on 3556.5 kHz +/-
Main NCS - Stewart KE7LKW (Washington State)

June 06 QNI (6) NCS KE7LKW, WB4SPB, WB7WHG, W7ANM, AD7BP, KI7SJE

June 13 QNI (7) NCS KE7LKW, NB6M, WB7DP, W7ANM, AD7BP, K7JUV, WB4SPB

June 20 QNI (7) NCS KE7LKW, NB6M, WB7DP, W7ANM, WB7WHG, WB4SPB, AD7BP

June 27 QNI (6) NCS KE7LKW, NB6M, WB7DYP, WB4SPB, AD7BP, N7QR



XKCD: <https://xkcd.com/1503/>

NAQCC CHAPTERS

START A LOCAL CHAPTER

The North American QRP CW Club currently has six local chapters - 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 John KK4ITX.

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 John, at the email address listed on next to 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 at the email addresses listed on the next to 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, Club President John KK4ITX, to schedule the use of N3AQC.



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 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 website is:

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



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.



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.

NAQCC PRIZE SPONSORS

LNR PRECISION

LNR Precision, Inc. is a North Carolina based company that specializes in the manufacturing of QRP transceivers, name-

ly the Mountain Topper series designed by Steve Weber (KD1JV). www.lnrprecision.com



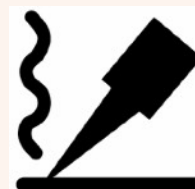
FOUR STATES QRP GROUP

Four States QRP Group is devoted to low power (QRP) amateur radio building and operation. We offer quality kits to the QRP community with all proceeds going to fund our annual Conference, OzarkCon.

www.4sgrp.com

QRP BUILDER

Kits, projects, and ideas for the QRP community. Paddles, antennas, PTO kits, and more. qrpbuilder.com



GREEN SWAMP WCF

Green Swamp WCF Is a chapter of the NAQCC.inc located in PASCO County, Florida in the area of the Green Swamp. zaarc.org/gsqrp.html

ROUTE 45 APPAREL

Route 45 Apparel creates custom decorated products such as shirts,

jackets, hats, mugs, & more for NAQCC and the Amateur Radio Community. Please visit our website and let's see if we can help you.

route45apparel.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.

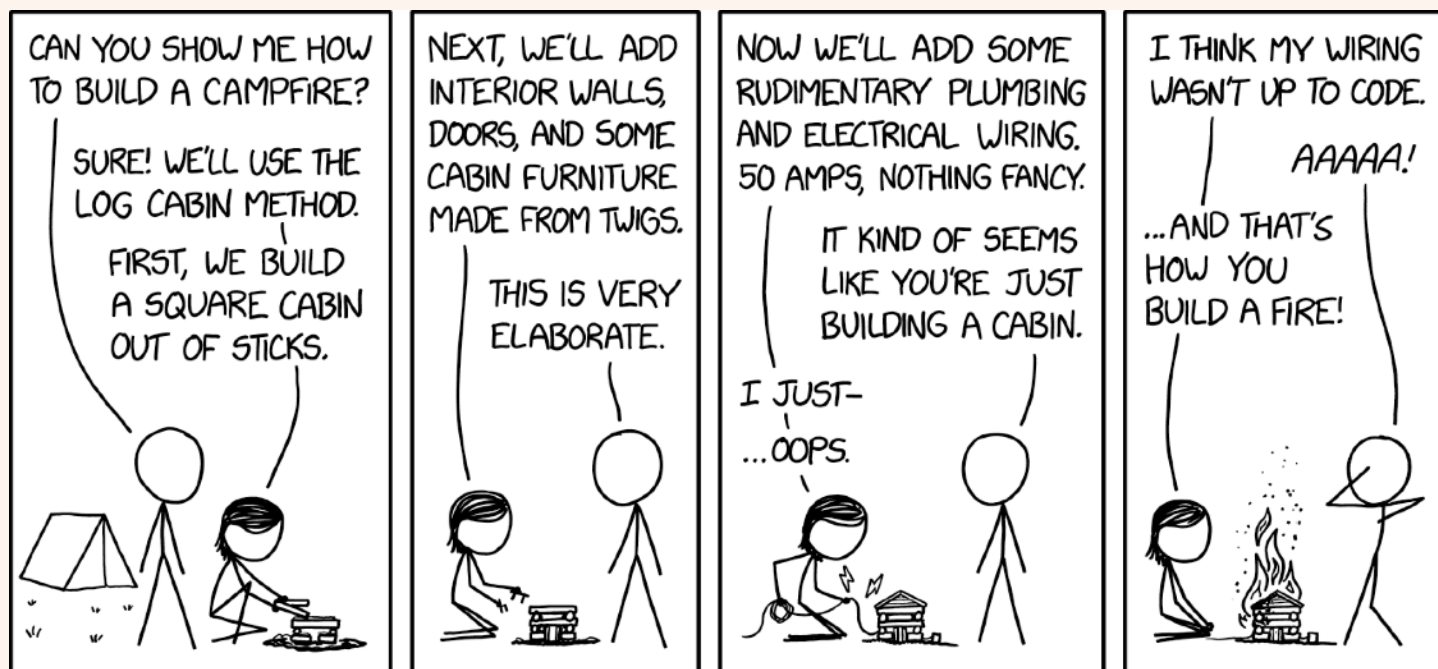
Whether you are a veteran ham radio operator who is looking for a new challenge in the hobby, or a beginner who is intrigued by the possibilities of QRP/CW communication, we cordially invite you to join us. Membership is free and the benefits and fun are significant.

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, include a link to the club website at: <http://www.naqcc.info>

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XKCD: <https://xkcd.com/3114/>

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 John Leahy KK4ITX
3513 Aquamarine Way
Zephyrhills, FL 33540 USA

