

NAQCC NEWS

ISSUE 278 • AUGUST 2021



KEY CLICKS

• IN THIS ISSUE

Steve reports on the state of the NAQCC; Use power tool batteries to run your rig; Parks on the Air and QRP; Sprint results; A Monthly Challenge if you know what's good for you; Gene N5GW tests an easy rope splice with no special tools; Net reports; A Long Island Chapter adventure and more.

• FIRST CALL FOR N3A OPERATORS

Rich, KC3MIO has hit the ground running with the preparations for this year's 17th Anniversary Celebration. We'll find out more about prizes soon, but now's the time to grab your spot.

• G-QRP VIRTUAL CONVENTION SEPTEMBER 4-5

This year's event will be free to G-QRP members. In addition to a new lineup of presenters, there will be a number of topic-based chat rooms for hosted discussion where you'll run into some NAQCC members. Membership for US Hams is \$20/yr and includes four issues of *SPRAT*. <http://www.gqrp.com/convention.htm>

• SEND IN YOUR ARTICLE OR MEMBER PROFILE

The well of reserve submissions is low, so it's time to tell us your ham radio story, or 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

• "MY RADIO, BATTERY, AND KEY TOOK OFF ACROSS THE LAWN..."

...like a fish on the end of line!" Some of us had interesting Sprints, and then there's Ken N7KM. See what happened, along with scores and other tidbits from the Soapbox in this month's Sprint results.

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THE PREZ SEZ...

Greetings NAQCC Members!

I hope this message finds you and yours, safe and healthy!

This month's message will be short again—I'm on the road with my XYL driving my daughter home to Colorado. We'll be here for a few weeks (but I will have my KX-3 with me as always!).

Our Sprints and Challenges are doing well—so are our nets and membership increases—and we have money in the bank! Congrats and THANK YOU to Nick Kaeff KY4GV #1432 who has been appointed our new SE Director. Good Luck!

Western Region Director Ron AG1P #9138 is moving to Idaho! So, Ron will remain our Western Director! Thank you, Ron!

Congrats to Rich Berger KC3MIO #9942, who is now our new Anniversary Manager! Good Luck, Rich!

Yes, our 2021 17th Anniversary Event is quickly approaching! Watch for more information coming from Rich soon. And while we're talking about that, if you know someone that can donate a prize, or if YOU would like to donate (or send some cash to sponsor a prize!) please let me know ASAP! Like previous years, we will be looking to award some nice "stuff" to those deserving folks during our Anniversary Sprint on October 13 th !

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@arri.net

I hope you had a wonderful (and SAFE!) Independence Day holiday. I hope to see you in the August Sprint!

72/73!
Steve Szabo WB4OMM #5913
NAQCC President



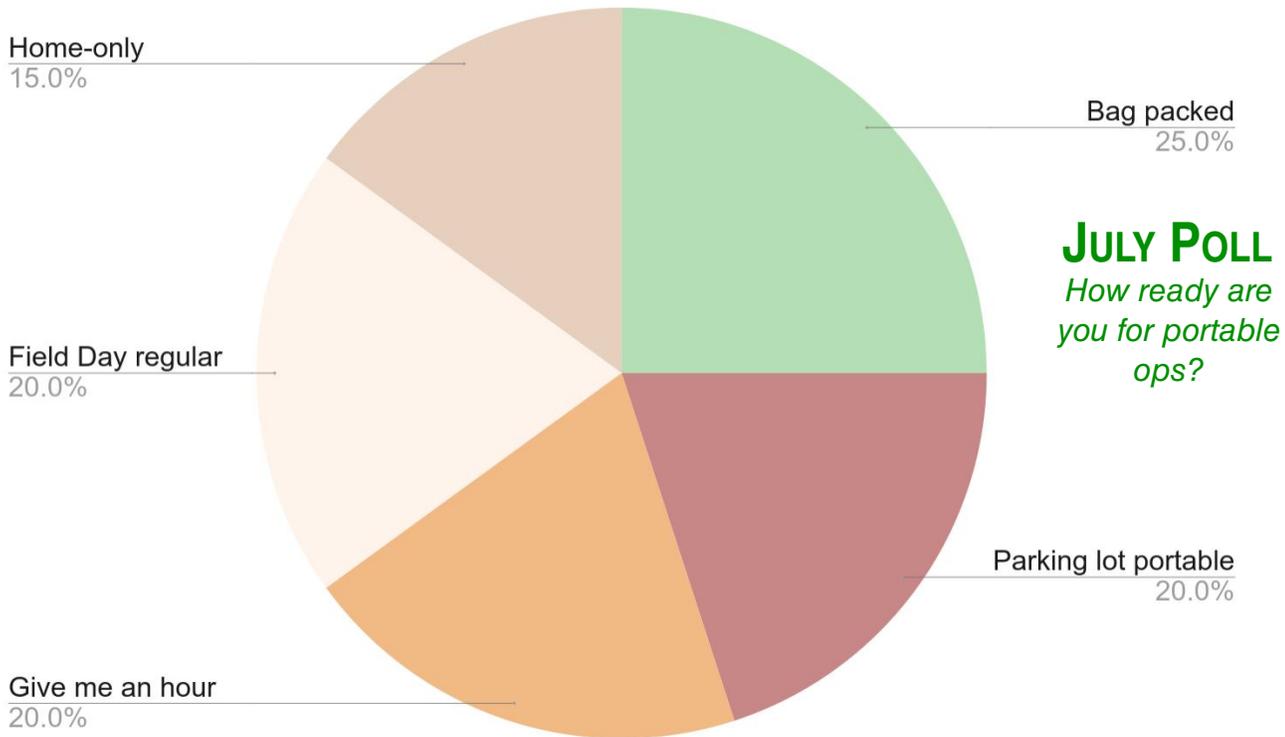
A little bit of QRP on a wire goes a long way!



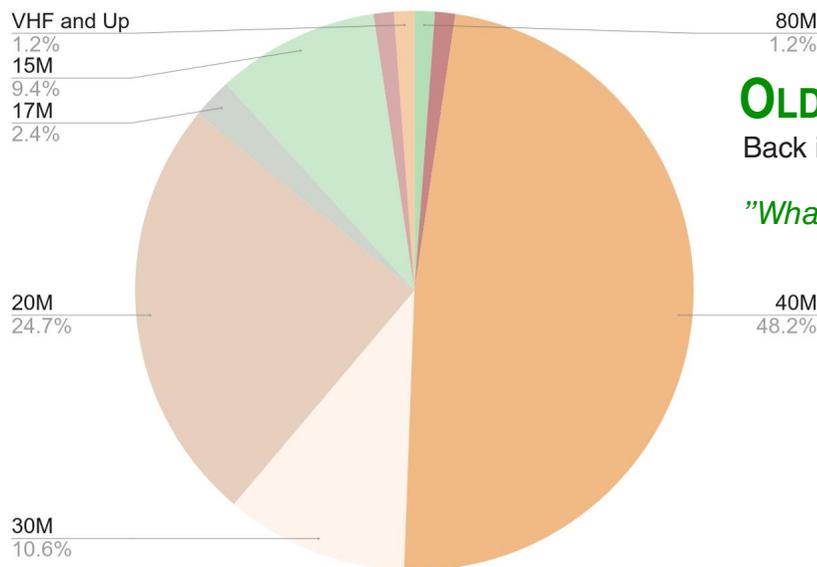
MEMBER POLLS

AUGUST POLL

Which bands do you use for QRP CW? Let us know at http://naqcc.info/poll_new.html



JULY POLL
How ready are you for portable ops?



OLD POLL

Back in 2013 we asked:

"What is your favorite band for QRP?"



17TH ANNIVERSARY CELEBRATION

FIRST CALL FOR N3A OPERATORS

This year we will be celebrating our club's 17th anniversary from October 10 through 16 (UTC) and, as in past years, we need volunteers to put our special event callsign on the air during that week. No special equipment is needed other than your regular QRP/CW gear. Your operating schedule is completely flexible, and logging "paperwork" is kept to a minimum. See the details on page 3.

17TH ANNIVERSARY CELEBRATION

Planning continues for our NAQCC 17th Anniversary celebration the week of October 10. Special event stations will put N3A/# on the air from locations all over the country and we are now starting to recruit volunteer operators for that. Of course, a big part of our celebration each year are the special anniversary sprint and monthly challenge, with their associated prize drawings.

PRIZES!

We usually don't reveal the prize list ahead of time but will list them in the months to come.

PARTICIPATION COUNTS

Please remember that there is a throughout-the-year participation requirement to be eligible for the best prizes. It's easy to rack up enough points, even if you started late. See http://www.naqcc.info/prize_drawing_17th_anniv.html for drawing details.

MORE DETAILS

For more information about our celebration, and to see summary reports from previous years, go to http://www.naqcc.info/main_n3a.html.

We can put our special N3A callsign on the air from all 10 US call districts, Alaska, Hawaii, the US Virgin Islands, and Puerto Rico.

OPERATE AS N3A IN THE OCTOBER SPRINT

One operator from each district will be exclusively designated to use the special call in the Sprint that week. That person should have some previous Sprint experience.

SIGN UP NOW

Other than that, there are no special requirements. If you are a member of the NAQCC and can operate QRP/CW (any speed) on one or more HF bands, you qualify. There is no limit to the number of people who participate so "the more the merrier." If you have not volunteered before, it's a great experience and a chance to make QRP contacts across the US and Canada and maybe work some DX stations.

If you would like to be one of our special ops, or if you just need some questions answered before making a commitment, send me an email. If you want to be the one designated N3A sprint operator for your district let me know that as well—first come first served. (Please be sure to include your call district and NAQCC membership number in your email.) —Rich, KC3MIO (hamberger AT Ptd DOT net).

Special thanks to Paul, N8XMS who has passed the baton after many years running the Anniversary. His work is greatly appreciated.

—Rich, KC3MIO #9942



RYOBI BATTERY ADAPTER FOR BREADBOARDING AND QRP

BY WES EFFNER KN4NPH # 9559

I needed a simple non-AC-powered bench power supply. One solution was to use some of the Li-Ion 18650 cells from my 'retired' electric bike. As I have a 3D printer, it would be rather easy to print some holders. But wait, then I'd need a BMS to monitor and protect my 18650 supply, and a smart charger to top-off the supply. Soon, my simple bench power supply wasn't so simple any more.

RYOBI BATTERY PACK(S) TO THE RESCUE

I have an assortment of battery-powered Ryobi power-tools that would fit nicely into my idea for a bench power supply:

- Li-Ion, so a consistent voltage.
- Built-in BMS with low-voltage cut-off.
- A charger.

Add battery clips, a buck converter, wire and 3D printing and I have a bench power supply.

Some may question using a power-tool battery in such a way. I look at it as the pack is sitting there fully charged, waiting to DO something; why not expand the number of things the pack can do?

FILES AND DETAILS

To keep this article short, if anyone is interested in building this adapter, email me at kn4nph@gmail.com and I will send the .stl files, a Bill of Material and some hints and tricks that I learned while building the adapter.



2-piece 3D printed Ryobi battery adapter



Regulator is rated at 2A. Variable voltage; perfect for breadboard/prototyping away from a bench power supply or USB connection.

Note that throughout this article, my adapter is mounted on the small Ryobi pack (P102, 1.3Ah). This adapter fits all Ryobi One+ 18-volt batteries.



Ryobi battery pack powering my RFZero WSPR unit. Run-time is in excess of 4 hours. [Regulator is labeled, '12 V' so I remember to not connect it to a breadboard !]



TIP: SOAPBOX RECRUITMENT

Remember every time you participate in a contest that has a soapbox, that's an excellent chance to sneak in a plug for the NAQCC. Perhaps someone will see it and join the club in our effort to preserve CW and QRP on the bands.

Mike K3WWP #4666

Newsletter #51

PARKS ON THE AIR AND QRP

BY RICH KC3MIO #9942

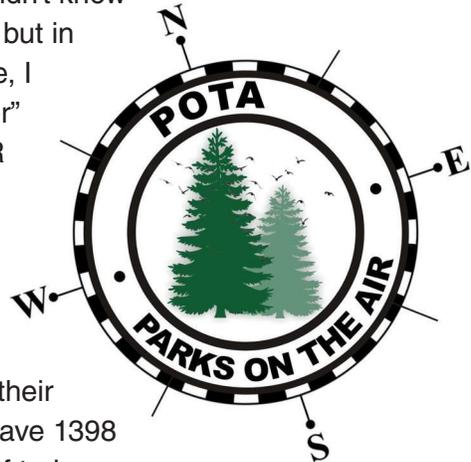
You may have heard about Parks on the Air (POTA), the very popular program where amateurs take their equipment to state and national parks and call “CQ POTA.” You can hear them on every band (conditions permitting), on voice, CW, and data modes. The POTA website is <https://parksontheair.com> and you can find stations currently operating under “POTA Spots.”

HUNTING

Thanks to a major upgrade of their website, I was able to find my first contact with a POTA station—VO1NAR at Cape Spear Lighthouse National Historic Site in Newfoundland—made on February 21, 2019 during my second month of



operation. I didn't know about POTA, but in their parlance, I was a “Hunter” and VO1NAR was an “Activator.” I began to seek POTA stations and according to their database, I have 1398 contacts as of today as a Hunter. The leading Hunters have in excess of 15,000 QSOs.



ACTIVATING

In June of 2020, I decided to see what it was like on the other side and took my rig to a local park and became an activator. You need to make 10 contacts for an official activation; I made 11. I've since gone on to make 16 more activations, with three more not reaching the 10 QSO goal. The top activators have activated over 1,000 parks and racked up 100,000 QSOs! I've run 5–20 watts, mostly voice, but 20% of my QSOs were CW, including one DX contact with F4WBN, on 20, while running 5 watts. I found out later that my DX contact was attributable to W6LEN spotting me on the World-Wide Flora and Fauna (WWFF) website, which is watched by DX stations.

It's very helpful to spot yourself on the POTA website, as stations will find you very quickly. Being an activator gives you a taste of what it's like to be a DX station as you work pileups and learn

to pick out calls and juggle the traffic. It's fun and challenging to set your station up outside and adapt to different environments. Sometimes there are nice trees to hang a wire from. Other times, the terrain is flat and a portable mast or vertical is needed. I've had successful activations with antennas up 10-15'—although higher is definitely better.

POTA is a natural with QRP operation and I've made quite a few contacts with five watts and so-so antenna placement. It's great to be outdoors, but make sure you are set for sudden changes in weather, insects and heat. It's important to be aware of your surroundings and avoid problems with wildlife and humanity. The POTA website has lists and maps of parks and you can find those nearby or on a vacation route. Often the current POTA spots will indicate if the activator is QRP, and with the 10 QSO goal, the low-power activator appreciates Hunters trying to work them. If you live in a community with antenna restrictions or

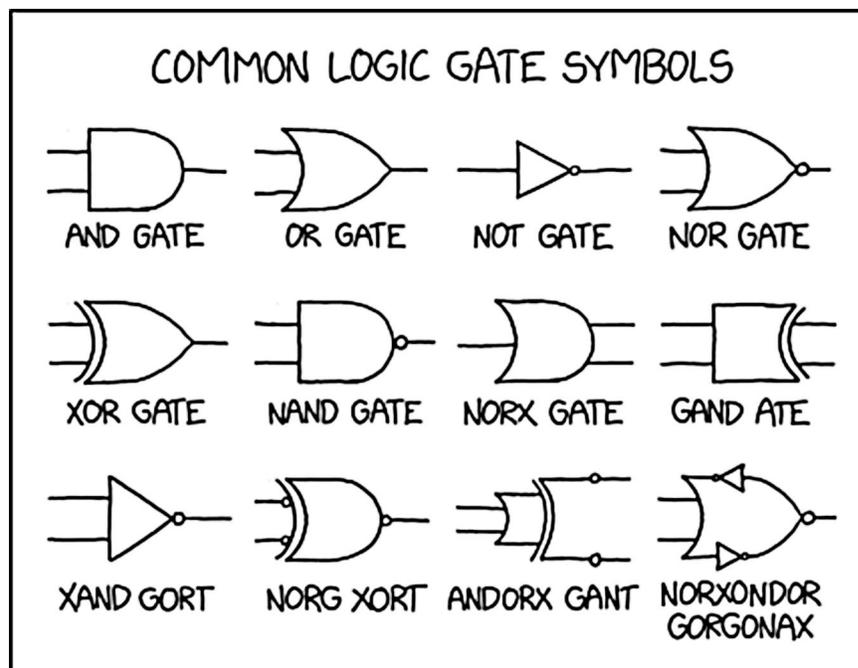
RFI, getting out where you can put up an antenna in a low noise environment is a big plus. If you are out in a park, you will get some puzzled looks, and I have had a few people come up and ask what I was doing. You may introduce somebody new to ham radio.

SOTA, IOTA, WWFF, AND MORE

Besides POTA, Summits on the Air (SOTA), or Islands on the Air (IOTA) support other forms of outdoor operation. WWFF is international in scope and overlaps with some POTA parks. POTA is also international in scope and some DX activations are listed.

POTA is great for QRP anytime, but it might be special for some of our ops to put out the N3A call from a park during the upcoming NAQCC anniversary.

73, Rich KC3MIO



NAQCC SPRINTS

AUGUST SPRINT

Our Sprint this month will be on Wednesday, August 11, 2021, 0030-0230Z. That's the evening of Tuesday, July 10 here in North America.

Complete information at <http://naqcc.info/sprint/sprint202108.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/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.

JULY SPRINT RESULTS:

Complete sprint results, including all of the soapbox comments, can be found at <http://www.naqcc.info/sprint/sprint202107.html>. High scores can be seen in the tables on the next page.

July Sprint				
	Current Month	Previous Month	All-Time Record	Record Date
Logs	94	101	217	4/17
Participants	133	135	269	2/13
Total QSOs	1161	1200	3154	4/17
Hour 1 QSOs	682	628	1704	4/17
Hour 2 QSOs	479	572	1450	4/17
20m QSOs	171	90	1232	8/13
40m QSOs	956	1003	2203	4/17
80m QSOs	34	107	1417	2/13
Avg QSOs/Station	12.4	11.9	19.3	9/11

SWA STRAIGHT KEY CATEGORY			
Division	1st	2nd	3rd
W1	KN1H	WB1GYZ	W1VKE
W2	KA2KGP	W2SH	K2CWM
W3	KC3MIO	K3JZD	KD3CA
W4	KC5F	WT4U	K8LBQ
W5	N5GW	W8WEU	AC5BX
W6	N6IET	K6GPB	W6IRA
W7	N7KM	-	-
W8	WB8LZG	N8GZ	-
W9	WB9HFK	N8HWV	K9QEW
W0	N0TA	AA5LH	KD0DK
Canada	VE2KZW	VA3NU	VE3SIF
DX	-	-	-

SWA KEYER/KEYBOARD CATEGORY			
Division	1st	2nd	3rd
W1	KB1M	N1JI	N2CN
W2	K2OID	N2ESE	N2YHQ
W3	AC5XK	KC3RN	-
W4	K4BAI	K4KBL	N4MJ
W5	WI5H	K5WX	W5WIL
W6	NS3C	-	-
W7	-	-	-
W8	W5DT	WI8J	WA8SAN
W9	AB9BZ	K9EYT	KD9LTN
W0	N8LA	KC2MJT	-
Canada	VE3DQJN	-	-
DX	-	-	-

SWA BUG CATEGORY			
Division	1st	2nd	3rd
W1	W1ND	-	-
W2	-	-	-
W3	K3RLL	NN3E	K3WWP
W4	KJ4R	WD4CFN	WA4SPJ
W5	NF5U	NA5N	-
W6	-	-	-
W7	N7QR	-	-
W8	N8XMS	K8NGW	-
W9	K9DRP	-	-
W0	-	-	-
Canada	-	-	-
DX	-	-	-

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

FIRST-TIME ENTRANT HIGH SCORE			
Key Type	1st	2nd	3rd
SK	-	-	-
BUG	-	-	-
K/K	-	-	-
PRIZE DRAWING WINNER			
W4HH			

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.

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

N7KM - Thunderstorms in the area tonight and it was noisy with a few drops of rain. I setup in my backyard under the trees. My wife was pruning some deadwood out of a tree near me. For that reason I owe an apology to the 3RJ? station I lost in mid contact. *My radio, battery and key took off across the lawn, like a fish on the end of line*, when my sweetheart tripped over my coax. She is OK and so is my old faithful K2. LESSON LEARNED!

W1VKE - Rough conditions, but this is quickly becoming one of my favorite events. Operated my KX2 at 5 watts into a MyAntenna 80-10 EFHW and used my new to me Lionel J-38. Thanks to all that picked me up. Looking forward to next month and hopefully better conditions.

WB4OMM - What a great night! 20M was open here for a bit, and 40M was pretty quiet. Was nice to work some old friends I had not QSOed in a while.....and then really surprised when an old friend - old in radio, old in friendship - N4NRL called me out of the blue! We "went up 5" and had a nice conversation! AND....our first HF contact! Jay used to live here in the Daytona area, but moved to GA some years ago. It was really nice to QSO him. He has a new NAQCC number, and we both hope we can "see" more of each other in future Sprints. Steve

N2YHQ - I enjoyed the sprint very much. For the first time I tested a home-brewed EFHW antenna and had lots of fun with it. Next time will try it with a Yaesu FT-301S.

N4FZ - Been a while since I worked a Sprint. Conditions were good. Rig is an FT-818 with old brass Navy key. Had a great time! 72



NAQCC CHALLENGE

BY GARY K1YAN #2365

THIS MONTH'S LETTER CHALLENGE: PATENT MEDICINES

PREMISE:

It is the 1800s and you are ill... what to do? One option, of course, is to see your local doctor, assuming there is one. Another popular option is to purchase a patent medicine that is guaranteed to cure just about every medical condition known to man. There is a large array of choices and they are for sale almost everywhere.

The term patent medicine was first associated with the 18th and 19th centuries and the wealth of cures with catchy and colorful names that flooded the market. They originated in England as medicines made under "patents of royal favor" and were exported to the US in the 18th century with settlers bound to North America. The idea was picked up by the American locals and manufacture began. Often they were secret family concoctions, rich in alcohol and with incredible curative powers, just read the label. The reality was that few actually held a patent and the ingredients were very similar from one to the next. There was of course no regulation of ingredients or advertising and it was not uncommon for these brews to do more harm than good. For example, tapeworm larvae

could be found in some weight reduction remedies. Other common ingredients included cocaine, morphine and opium which, along with a healthy splash of alcohol, probably helped the popularity of these brews.



Advertising flooded the market place. Trade cards were a popular item. They consisted of an eye catching color picture on the front with advertising claims and testimonials on the back. The doctors and medical associations of the day were critical of these remedies and, because of the alcohol content, the 19th century temperance movement added another negative voice. By the end of the 19th century, the idea of laws to disclose contents and regulate advertising claims was becoming more popular. The manufactures were up at arms, along with the media of the day, who had reaped large profits from the extensive ad campaigns. In 1881 the Proprietary Association was founded to serve the interests of the patent medicine producers. In spite of stiff resistance from the association, a Pure Food and Drug Act passed Congress in 1906. The act marked the beginning of the end for the era of secret patent brews and their wild claims.



NEXT MONTH'S CHALLENGE

September's The Halifax Marine Disaster Challenge will be a blast.

<http://naqcc.info/challenges/challenges202109.html>

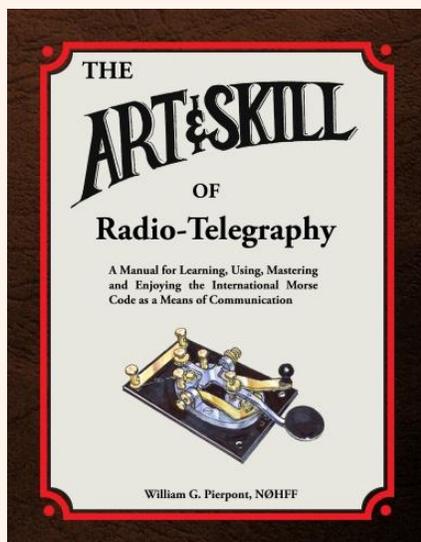
LAST MONTH'S CHALLENGE

The deadline for submissions for our Scrambled July 4th Sights Challenge is still a few days away. You can see what has been submitted so far at <http://www.naqcc.info/challenges/challenges202107.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.

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



THE ART & SKILL OF RADIO-TELEGRAPHY

I first got my license in 1985 as G1RKB, the letters relating to my name. I set about not only to learn and understand the skills of a modern day telegraphy operator but to master the finer points that are essential in being a good CW operator, and yes I am still learning and trying. One of the first and most outstanding books that I became aware of was by Bill Pierpont NØHFF, now a silent key. This book for me is the bible of CW and it is now available as a free download. The Art and Skill of Radiotelegraphy. <https://www.n9bor.us/index.php/morse-code/the-art-skill-of-radio-telegraphy>

Raymond G0EML #4609

Newsletter #165

SPLICING DACRON POLYESTER ANTENNA ROPE

BY GENE N5GW #5353

In recent years I have been using 3/16-inch DP rope to support my portable, temporary or permanent simple wire antennas, mostly in trees. This material has good strength, is resistant to abrasion, UVL, oxidation and chemicals, does not stretch much, and has a smooth feel, allowing it to slide across rough or narrow surfaces.

After many antenna ups and downs in various locations, I wound up with several assorted lengths of rope, some rather short. Initially I joined these into a long line using the sheet bend knot (right) which can be tied quickly and

holds well. Unfortunately I found that any sort of knot puts a lump in the line and has a tendency to hang up in a fork or on rough bark.

HERE'S HOW:

The following is a description of a method of splicing DP rope in order to avoid troublesome knots.

First I pulled out and cut off one inch of the white core from each of the ends to be spliced. This served to decrease the rope diameter. Next I simply overlapped the ends about 3/4 inch and



sewed them together using six-pound fishing line and an ordinary sewing needle. The results (second pic) were surprisingly good! I found the splice could easily support the weight of a large storage battery (over 50 pounds). Also the splice put only a slight bump in the contour of the line.

My final choice of sewing material was a stronger, 30-pound polyester thread used with a heavier duty needle.

If any of you QRPer know of a better method of splicing this type of line, let's hear from you!

73, Gen N5GW



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 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)

Jul 06 - QNI(3) NCS KA5TJS KE5YUM KE5YGA

Got it done on 80 meters tonight. Good signals from the AR twins HI HI. 599/579 respectively. Nothing heard from GA. tonight. I called on 7066 kHz about 7:33pm and did not get any takers.

Jul 13 - QNI(3) NCS KA5TJS KE5YUM KE5YGA

Replay of last week. Signals were good again on 80 meters. Can't believe we are still there this late in the year. Terry was 589 and Andy was 569 and QRN was low for 80. About S3/4.

Jul 20 - QNI(3) NCS KA5TJS KE5YUM KE5YGA

Terry (YUM) was running his FT 817 at 5 watts and 599 signal tonight. Great job! Andy (YGA) checked in and then had to unplug due to thunderstorms moving in.

Jul 27 - QNI(2) NCS KA5TJS N4NN

Called twice on 3566 kHz with no takers. Announced QSY to 7066 kHz and picked up Allen (N4NN) 329. He was at 5 watts on his QCX. He fired up the 7300 and went to 25 watts and was 569. We had a nice QRS QSO and that was it for this Tuesday! 80 meters and summer QRN are rough.

NAQCC MIDWEST QRS NET (MWN)

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

Jul 05 - No Report (Family in town)

Next week will be Great! A lot of 40 meter CW now.

Jul 12 - QNI(0) W0CC

Lots of QRN. Could barely copy W1AW, Could not copy any other stations! Next week will be better.

Jul 19 - QNI(0) W0CC

Could not hear, but was spotted by N5KB. QRN - S-9+20! Next week will be the one!

Jul 26 - QNI(0) W0CC

QRN - S-9+20! Looking forward to NEXT week!

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)

Jul 02 - QNI(4) NCS WB4SPB KE7LKW/p KI7SJE K7JUV

Jul 09 - QNI (10) NCS KE7LKW, W7ANM, N7TB, KI7SJE, AD7BP, N7TES, WB4SPB, KI7NRI, K7JUV, KG7KKE.

Jul 16 - PNW QNI (8) NCS KE7LKW, W7ANM, AD7BP, N7TES, WB4SPB, KI7NRI, K7JUV, KG7KKE.

Jul 23 - QNI(7) NCS WB4SPB, KE7LKW/p, W7ANM/p, WB7WHG, KI7NRI, K7JUV, N7TB

Jul 29 - QNI(6), NCS WB4SPB, KE7LKW/p, W7ANM, KI7NRI, KI7SJE, AD7BP

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 AWARD: DXCC

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

Contact as many countries as possible within the time frame using QRP, CW, and simple wire antennas.

- A - 100 countries.
- B - 100 countries 2X QRP
- C - 25, 50, 75, 100 countries QRPp
- D - Mobile 100 countries

Equipment:

- You:
- Power:
- A,B, D - QRP
- C - QRPp

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

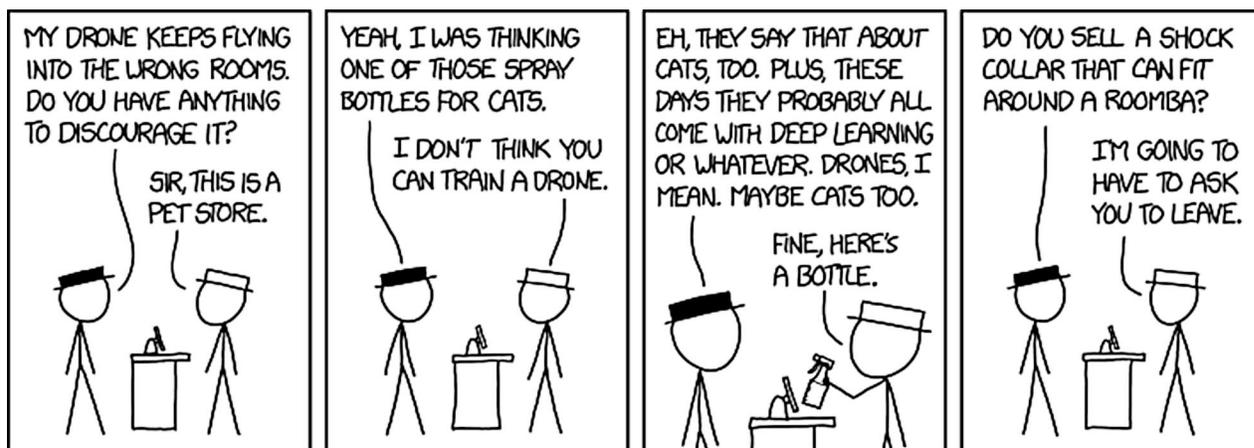
Ham you work:

- Power:
- A,C, D - Any
- B - QRP

Antenna:
A,B,C, D - Any

QSOs:
Rag chew or contest QSOs are both acceptable.

Complete details on this award can be found at http://www.naqcc.info/awards_dxccwa.html.



NAQCC CHAPTER NEWS

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 LONG ISLAND CHAPTER



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

Questions and comments should go to Howard, WB2UZE.

Glorious WX July 30 at Captree State Park beach, 81F and a nice wind to keep things cool. We skipped the diner today and went straight to the beach and set up as follows:

John W2XS: KX2 5W into the EFHW from our 2020 Build-A-Thon. John also had the Elecraft AX1 small whip antenna mounted to his table in which he worked Indiana on 17m. John made a few other contacts to OH, WVA and TN

Ed N2GSL: Mountaintopper 4W also into an EFHW. Ed was working POTA from our location as we are park K2128, and he made a total of 14 QSOs with the furthest CO. Not bad for 4W. The Mountaintopper is the size of a cellphone and a cute rig.



The Great South Bay Bridge



W2XS

Dave WA2YYL: Vintage IC745 running into an EFHW. Dave stayed with 20m and we saw band conditions to Europe steadily improve and start to peak around 4pm. Then Dave was able to work Spain and Bulgaria. Otherwise Dave got as far west as IA and SC down south

Walt W2TE & Tom KA2D: IC7300 to 20m vertical. They made a couple of USA contacts and worked the same Spain station as Dave. They got RST 549 against Dave's 529 which was an interesting comparison



N2GSL

We decided the best time to come to Captree is really later in the day as 20m does not really open up for us until around 4pm. We did hear strong signals on 10m and also an African station on 15m but they did not hear us.

6 Photos are attached including the usual over the Great South Bay Bridge which is my favorite photo to take. We will be back in August

Regards,
-Howard



WA2YYL



KA2D & W2TE



EFHW antenna line up

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.

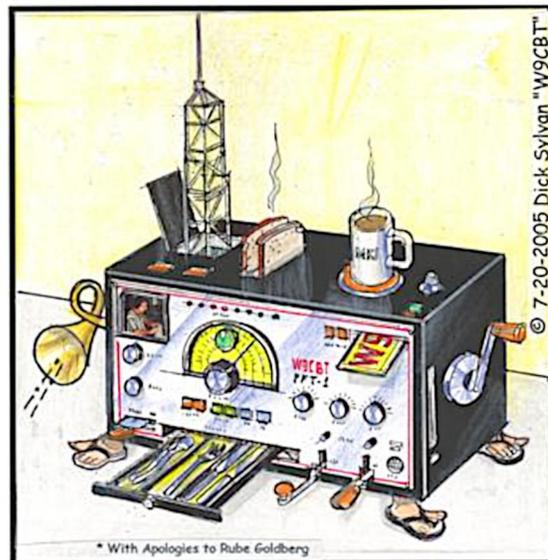
The chapter's web site is

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

No Report



HAM QUIPS "A Real Full Featured Transceiver"



* With Apologies to Rube Goldberg
Features:
 Telescoping Antenna & Tower, Seeing Eye Tuner Tube, Hand Crank Electric Generator, Pop up Toaster, Hotplate, TV, QSL Dispenser, Hi Tech Speaker, Keyer, Hand Key, Pull Out Mic, CreditCard slot, Napkin Dispenser, Silverware Tray, Non-Slip Feet Etc, Etc.

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.

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

NAQCC President	Steve WB4OMM	sszabo1@cfl.rr.com
NAQCC Vice President	John KK4ITX	jleahy00@yahoo.com
NAQCC Secretary	Gary AF7T	gary.af7t@gmail.com
NAQCC Treasurer	Jerry K4KBL	digilink@gmail.com
Downeast Maine Chapter	Jeff KA1DBE	j.hanscom@gmail.com
Florida Chapter	Nikki KM4SBQ	nickies1130@aol.com
Western Pennsylvania Chapter	John K3WWP	naqcc33@windstream.net
Illowa Chapter	Tim N9BIL	n9bil@arrl.net
West Florida Chapter	Ron N9EE	n9ee55@gmail.com
Long Island Chapter	Howard WB2UZE	wb2uze@yahoo.com
Newsletter Submissions Member Spotlight	Paul KD2MX	kd2mx@arrl.net
Newsletter Editor	Brent WT4U	wt4u@knoxtour.com
NAQCC CW Nets	Mark W8EWH	mark.yergin@gmail.com

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

