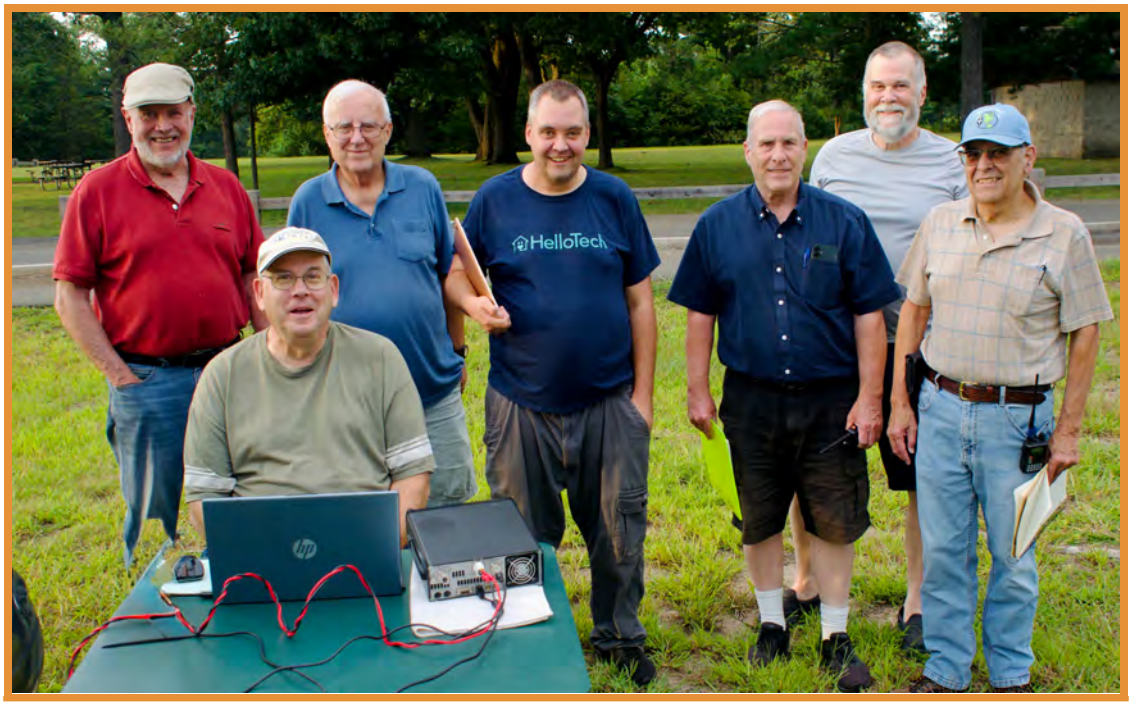
Key Klix September 2026

The Monthly Q-S-T *de the*

MERIDEN AMATEUR RADIO CLUB & WALLINGFORD AMATEUR RADIO GROUP

MARC 2026 MISSION STATEMENT

To create an engaging space for members to explore the science and enjoyment of amateur radio, to support the community's emergency needs (Town OEM) and to provide hands on training for members and prospective radio amateurs.



SUMMER ISN'T OVER YET! MARC members enjoy a late summer after-work activation of US-1728 on August 27. It's getting darker earlier, but our POTA crew isn't yielding great opportunities to gather in a park. See more on page 33

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It's the Radio News That's Fun To Use!

YOUR 2026 OFFICERS

President

DAVE TIPPING
NZ1J

Vice President

BILL HUGGINS
NR1B

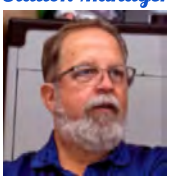
Treasurer

GEORGE BUCCI
AC1SK

Secretary

JULES LORUSSO
KC1STF

Station Manager



ROB CICHON
K1RCT

The President's Post

Field Day and POTA

by Dave Tipping, NZ1J

Two things we hear a lot about in ham radio are Field Day and POTA. ARRL tells us that Field Day is the most popular on-the-air event held annually in the US and Canada. And, POTA had 15 million QSOs logged in 2025. If you can think of a ham radio activity that is more popular than these two, let me know.

Jules, KC1STF, gave us a detailed report on MARC's 2026 Field Day effort in this month's Activity Meeting. There is general agreement that the addition of the farmland field increased participation and enthusiasm in 2026. What followed was a discussion of what more we can do in 2027. A lot of the discussion was about using better antennas. A decade or more ago, MARC put a lot of effort into Field Day antennas. There were towers and Yagis and a giant Vee Beam antenna. Now is as good a time as any to start thinking about antennas for next year.

There was also a discussion about operating more hours. At the OEM, we could do more with FT8 and more during the overnight hours. In the farmland field, with enough planning, we might also be able to operate overnight.

So, what about POTA? It has been said that POTA is "field day, every day." Skills acquired during POTA activations transfer very easily to Field Day. POTA activations usually go smoothly and can be a little bit addictive. They also can provide exposure to poor band conditions, fading, weak signals, pile-ups of several stations calling at once, logging quickly and efficiently, troubleshooting, and setup of a portable station. Just as it would be great to have more club members active on Field Day, it would be great to have more members activating POTA parks.

Here are two challenges that I will present club members with:

1. **Make a commitment to Field Day.** Mark June 26 and 27 on your calendar now. Think about how you've been involved in the past and how you might be involved in 2027. There is no need to move outside your comfort zone. If your goal is to observe, that's participation. But if you have the time available, the inclination, and the ambition, there are enough months before June to upgrade your license, learn Morse Code, and make 100 POTA activations. Maybe your situation puts you somewhere between those extremes.

2. **Get more involved with POTA.** POTA allows you to operate just about any mode and any band, at any power level, on any day and from one of a dozen local parks. And, you don't need to buy any equipment to get started. MARC has no shortage of 'Elmers' who will meet you in a park, bring all the equipment, and help you get started.

If I haven't convinced you about the benefits of POTA, speak with **Andy, N1XXU, Debbie, K1PET, Scott, W1HLP, Jim, KC1TSG, Bill, NR1B, Jules, KC1STF, Don, W1BRY, Paul, WA1MAC**, or **Andy, AC1TY.** They all get out to a park regularly and have made thousands or tens of thousands of QSOs.

There must be something to it.

THE KEY KLIX KUDOS AWARD

The Meriden Amateur Radio Club celebrates the personal achievements and contributions to the world of Amateur Radio of the following members as recognized and nominated by their peers.

September 2026

Jules LoRusso, KC1STF

For leading the August Activity Meeting recapping Field Day 2026.

Nominated by David Tipping, NZ1J

Mike Ash, K1LHO

For working towards the SKCC Centurion award for the club's W1NRG call sign

Nominated by Dave Tipping, NZ1J

Bill Huggins, NR1B

for setting up and deploying the Windows 11 PCs in the radio room

Nominated by Dave Tipping, NZ1J

David Henry, KC1PEN

For his ongoing work promoting amateur radio activities to Scouting.

Nominated by Jimmy Surprenant AB1DQ

David Tipping, NZ1J

For the successful 2026 summer afternoon POTA activation program event at Wharton Brook.

Nominated by Jimmy Surprenant AB1DQ

THE KEY KLIX KUDOS KORNER is a great way for you to recognize a peer member who has recently done something notable for the good of the hobby or had a noteworthy personal achievement. Send your nominations to keyklix@w1nrg.com and be sure to include a brief sentence explaining why they are worthy of the award!

Minutes of the August Business Meeting

Meriden Amateur Radio Club (MARC)
BUSINESS MEETING MINUTES
August 13, 2026
7:00 – 8:00 PM EDT via Zoom
Submitted by KC1STF, Julian LoRusso, MARC Secretary

Quorum: Our Secretary, Jules KC1STF, confirmed a quorum:
Membership from the June 2026 Roster (G. Bucci provided): 188
Minimum required for Quorum: 18 members and at least 2 officers, one being the President or Vice President.
In attendance: 25 members were present at start of meeting, and of those members, there were 5 officers.

In Attendance:

Officers

NZ1J David Tipping (President)
K1RCT Rob Cichon (Station Activities Manager)
NR1B Bill Huggins (Vice President)
AC1SK George Bucci (Treasurer)
KC1STF Jules LoRusso (Secretary)

Members

AC1TY	Andy Rudczynski	KC1WFB	Lloyd Saberski	W1HLP	Scott Martin
K1LHO	Mike Ash	KC1TSG	Jim Drexler	WB1GFI	Stan Hiriak
K1LYP	John Yusza	KE1AU	Bob Kaczor	WB1GYZ	Bob Biancur
KB1JL	Eric Olsen	N1API	Al Kaiser	WV2LKM	Steve Waldmann
KC1DOY	Ted Renzoni	N1BRL	Bart Toftness		
KC1OYN	Rick Becker	N1SIA	Tom O'Hare		
K1TSX	Mike Barile	N1ZN	Jim Savage		
KC1ZZT	John Mayo	W1BRY	Don Chepurna		

Agenda:

- Call to Order:
- Secretary's Report (Approval prior month's minutes, New Members, Correspondence)
- Treasurer's Report (Summary, Needed Business)
- Station Activities Report
- Standing Committee Reports (Repeater Committee and Scholarship Committee)
- Old Business / New Business
    - MARC Facebook administrators
    - Discussion of fees sometimes charged for QSLs
- Adjournment

Discussion/Meeting Results

1. **Call to Order:** The meeting was called to order at 7:00 p.m. EDT by NZ1J, President Dave Tipping.
2. **Secretary's Report:** The secretary's report was delivered by KC1STF, Jules LoRusso.
   July 2026 Business meeting minutes were approved by membership.
    - Three new members for August 2026 (welcome Bryan, John and Tom):
        - Bryan Wyson KC1ZYS
        - John Mayo KC1ZZT
        - Thomas O'Hare N1SIA
    - Membership voted to approve June 2026 business meeting minutes.
    - No new members for July 2026
    - No Correspondence for August 2026
3. **Treasurer's Report:** The Treasurer's report was created by AC1SK, George Bucci (see report) and published in email by Dave Tipping on 08/11/26 prior to the meeting.
    - MOTION TO APPROVE the report was approved by membership.
    - Question was raised on budget for Scholarship committee by interest from one of the Vanguard funds.
      Members agreed the present $2000/yr should remain as the club policy. The scholarship fund also receives donations from the Nutmeg Hamfest.
    - Rick KC1OYN clarified that Nutmeg Hamfest donation was to be used for purpose of scholarship. Other Vanguard funds can be used for any purpose per membership vote.
    - Post office form letter confirmed irrelevant; payment due by end of year — no issue.

4. **Station Manager's Report -** The station manager's report was delivered by K1RCT Rob Cichon (see report) and published in email by Dave Tipping prior to the meeting. Some details that were discussed are below:
    - Tennadyne parts for the log periodic antenna installed by John K1LYP using a bucket truck; additional hardware ($68) purchased. Work is almost complete.
    - Mike Ash K1LHO raised issue that SKCC logging software is incompatible with the station's Windows 7 PCs. Rob will load software on club's Windows 10/11 laptops to use until the new Windows 11 station PCs have been installed.
5. **Repeater Committee Report** - Presented by Mike Ash, K1LHO
    - Repeater antenna installation delayed awaiting Joe Murray N1LES return from vacation. Climber documentation was submitted to Town of Wallingford on method for hauling antenna without scratching newly painted tower.
    - Repeater parts here waiting for climber; Repeater functioning w/o issues, but repairs still planned.
6. **Scholarship Committee Report –** Jim Savage N1ZN
    - No report for August 2026.

New Business:

1. **SKCC club call sign for WES Weekend Event**
    - SKCC club call (W1NRG) authorized for use by Mike (K1LHO) during the September WES weekend event.
2. **Facebook page Administration Issues**
    - Prior to 8/13/26 there were 10 MARC Facebook administrators with equal privileges.
    - The Facebook page resided on Steve Allen's (KC1SA) personal account for about 11 years with multiple administrators.
    - Dave NZ1J discussed w/Steve Allen, and Steve was willing to release the Facebook pages from his personal account.
    - Officers now control the Facebook accounts as noted below:
        - Facebook page: Bill, Dave
        - Facebook group: Bill, Dave, Jimmy
    - There was discussion on how administrators were selected.
        - Rick K1OYN – why not all officers?
        - Eric K1JBL – it's not an official organ of the club, should be no issue with administrator plan.
        - Jules KC1STF – No issue as an officer not being an administrator
    - Club agreed the new operating model for Facebook administrators was acceptable to move forward, and an improvement.
3. **LARC at the MARC Summer Picnic Event**
    - It's a club tradition a summer picnic event is held for MARC members and guests. Originally the picnic was in a park but over the past 5 years, the event was held at the OEM to simplify the logistics for the organizers and also to have the facilities at the OEM to be available during the event.
    - The summer picnic will be held at the OEM on September 19th at noon.
    - Picnic budget for food and snacks set at $200;
        - Club will cover hot dogs, hamburgers, ~85% lean burgers, chips, potato salad, desserts, drinks.
4. **QSL card fees for DX contacts**
    - Background: Some stations in the world require a fee for QSL cards for validation of a DX contact. Some are turning this into a money making operation. Scott W1HLP worked a station in the Congo who required a $10 donation.
    - Al N1API recommended issuing a complaint to the individual station operator.
    - Scott W1HLP to share QST editorial on QSL card fees electronically with Dave for club-wide distribution.
    - For QSL card fee practices, consensus reached that fees up to ~$3 are reasonable; $7–$10 considered excessive.
5. **Adjournment**
    - Meeting was adjourned at ~7:55 PM.

Respectfully submitted
Jules LoRusso
KC1STF

LARK *at the* MARC

Our annual picnic is scheduled for September 19th at noon and at the OEM. Bill, NR1B, has created a sign-up sheet. We'd like to have all attendees sign-up to get an idea how much food the club will need to purchase.

Use the link below to sign up:
https://tinyurl.com/MARC-26-LARK

Camp Sikorsky 2026 SCOUTING EVENT

On September 19th, KC1PEN, KC1OWD and other hams will be hosting Scouting radio merit badge sessions at Camp Sikorsky, to be attended by an estimated 350 scouts and leaders and over 100 volunteers at Sikorsky Aircraft in Stratford.

Listen for David, Kevin and the Scouts on the air as Special Event Station **W1Y** between 9:00 am and 3:00 pm on local repeaters, 2M simplex (146.52 and 144.96 likely), 20M, 40M, DMR tg 907, and other frequencies.

While you are "Larking at the MARC," be sure to QSO with a Scout!

WARG's *4th Technician License Review Class*

Starts on Tuesday, September 22, 2026
And will run for 12 weeks to December 6.

Spread the word...

Enroll on the Wallingford Adult Ed website:
https;//www.wallingfordadulted.org/

Volunteers needed too!

Help promote the future of Amateur Radio by volunteering to join our teaching tem. It's easy, fun & rewarding. Volunteers work in pairs to present two chapters of their choice from the ARRL License Manual. It's a great way to give back to the hobby!

Email Jimmy, james@ab1dq.com
for more info or to sign up to volunteer!

MARC VE *Sessions*

MARC holds a VE Sessions on the second Saturday of the month at 9:00 AM at the Office of Emergency Management at 143 Hope Hill Road in Wallingford.

License exams are paperless and you will need a PIN from www.hamstudy.org/ prior to the exam date.

For more information, contact Jim, N1ZN at N1ZN@arrl.net, or Bill, NR1B at zz71818@hotmail.com.

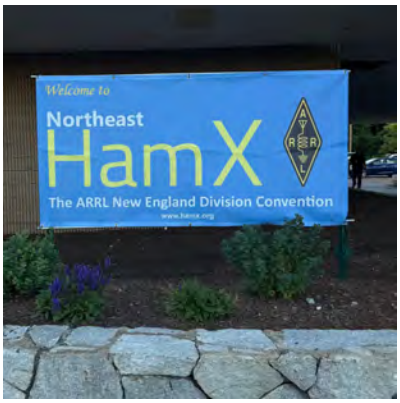
ARRLVEC
Volunteer Examiner Coordinator®

THE W1NRG NEWSLINE

"Providing Continuous Waves of Useful Club Information."

Recapping HamX 2026...

by AB1DQ, KC1PEN, KC1TSM, NA1L, & W1YSM



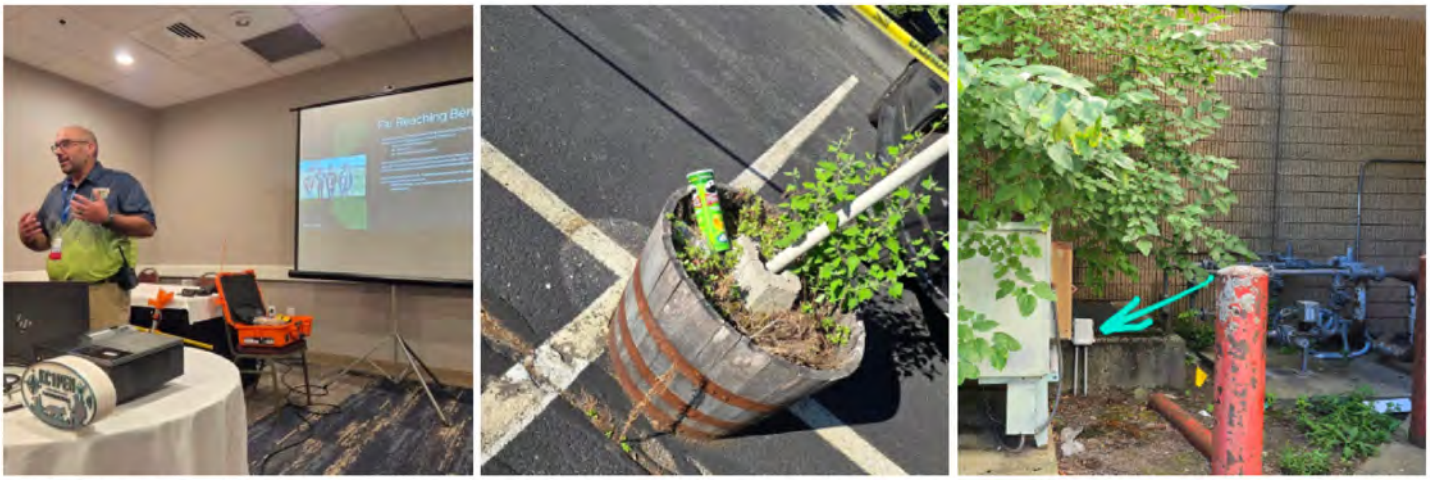
This year's Northeast HamXposition and ARRL New England Division Conference took place from August 13-16, 2026 at the Best Western Royal Plaza Hotel & Trade Center in Marlborough, MA. This year's event saw picture-perfect weather for all four days and featured a record number of presentations and workshops. Six members of the Meriden Amateur Radio Club, including yours truly, **Jimmy, AB1DQ,** shared their time and expertise, giving presentations to the attendees at HamX this year.

I have been regularly attending the Northeast HamXposition since I was first licensed in 2002, back when it was a bi-annual event held in Boxboro. I remember purchasing my first HF rig, a thrifty Icom IC-718 on my first trip to Boxboro.

What stood out for me this year was the picture perfect weather, the time I spent missing connecting with old friends and meeting some new folks and gathering new ideas for projects to take on in my year ahead in the hobby, including setting up a digital internet radio hotspot, upping my Morse Code skills, and several HF antenna ideas to consider - including the T2LT (Tuned Transmission Line Trap) for 10 meter, a new concept to me.

MARC member **David KC1PEN** led a FoxHunt at HamX and shared the following impressions of the conference…

> *"I recently attended the Northeast HamXposition 2026, the largest hamfest in the Northeastern US with the highest quantities of forums/ presentations. This happened to be a special trip, not only because my dad, a fellow ham, and over a half dozen friends from my club were there, but because this was my first time attending as a presenter.*
>
> *"My talk was one of 3 related to foxhunting, and focused on foxhunting on a budget as a springboard to grow club activity. NC7R, Charles Nelson of South Windsor, presented a basic primer on the tools and techniques for foxhunting, and W1MJ, Elliot Mayer of Belmont, MA, led a live demo leading a group to find 4 foxes that were hidden on the event property, 2 of which I placed.*
>
> *"During our talks, we demonstrated some of the best aspects of Ham radio: the knowledge sharing and camaraderie. Each of us presenters helped the other to fill in the blanks, expand in areas where we might know more, etc.*
>
> *"Some of the other talks I attended were great, particularly one about a teacher who's brought Ham to the classroom, leading to a large number of young licensed operators, the formation of a school club, and incorporation of Ham into much of how the school's STEM clubs function.*



ABOVE: Photos from KC1PEN of RDF presentation & Fox Hunt at HamX - the last 2 photos show the sneaky hiding places where David hid two of the foxes.

Dale, NA1L, who was also at HamX to give a presentation on a pair of antenna zoning lawsuits, shared a few supplemental photos of KC1PEN's fox hunt…

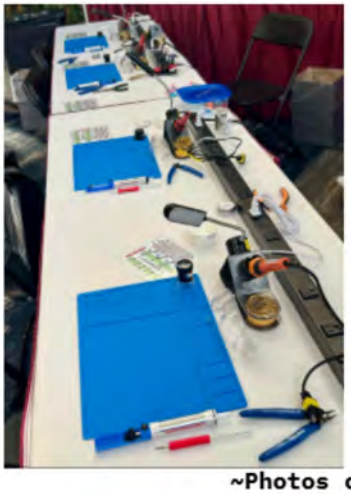
(L) Can't be there, right? Electrical box with security tag - no way! (C) Way! So diabolical, Dave! (R) The wily fox himself, David KC1PEN - did you see the hidden transmitter? ~Photos courtesy Dale Clift, NA1L

Beyond his presentations and the fox hunt, Dale enjoyed the rest of the HamX weekend, taking part in the 'story hour' on Friday evening, and connecting with other radio friends at breakfast and during the dinners. He even took home a DX Engineering gift certificate

IT'S ALL DALE, ALL THE TIME! (L) the Winner! (C) w. W1XP Bob Reif of Groton, MA (R) w. K1BG Bruce Blain of Harvard, MA. Dale, Dale, Dale…

Dale particularly noted the emphasis on getting young people interested in the hobby. Once again, New England Sci-Tech had many hands-on opportunities at various workstations for these folks to create and learn, and shared a few photos documenting the youth outreach.

ABOVE: (L) NE SCI-TECH projects geared for young students. (C) NE SCI-TECH forum that was well attended. (R) 3D printers were also available for student use.
BELOW: (L) High altitude payload built by students. (C) Soldering and assembly stations targeting students in grades 4-12 (R) Dale was well credentialed as a speaker and donor at HamX 2026 - thanks, Dale!



~Photos courtesy Dale Clift, NA1L

Ellen, KC1TSM, always enjoys attending the YLRL (The Young Ladies Radio League) sessions at the HamXposition and shares the following takeaways…

> *"The YLRL held two events at HamX 2026 in Marlboro - an informal get-together and an information-packed forum.*
>
> *"It reminded me what an extraordinarily friendly and supportive group YLRL is. I attended my first YLRL session a few years before I became a ham. You will generally meet a few spouses or daughters interested in learning more about the hobby, and this group is bursting with enthusiasm, anxious to mentor new hams and to recruit women exploring the hobby. After I passed my Technician exam and had the chance to celebrate with my OM, Jimmy AB1DQ, I couldn't wait to announce it at this gathering a few years ago, and I am still grateful for their cheers.*
>
> *"YLs often find themselves the only woman in the room at their local clubs so it is a wonderful opportunity to be surrounded by YLs. This year I was particularly excited to see younger YLs turning out in bigger numbers,*

"We learned that Marlborough will be the site of the 2027 YLRL Convention (August 26 - 29, 2027) in conjunction with the ARRL New England Division Convention. More info will be available soon. In the meantime, please check out YLRL's website for information and upcoming events.

ABOVE: The YLs gathered at the Northeast HamX at Marlboro.

Jimmy, AB1DQ, brought the Technician Forum, initiated at Nutfest last year, to the larger stage of HamX this year, presenting a slate of five workshops on Friday along with HamX Program Chair Mark Noe KE1IU and Rhode Island CW aficionado Rob Jackson, N1WRJ. The overall theme of the five-hour Friday workshops was to inspire and promote great things any ham can do with a Technician Class license without needing to upgrade to General. (Jimmy cringes whenever he hears anyone say, "I'm only a Tech…" ARRRRGH!!!) The sessions were well attended on Friday, and Jimmy, Mark, and Rob presented a mini-forum on Sunday morning, repeating the three most popular sessions from Friday.

Assessing the overall HamX 2026 experience, Jimmy felt this year was one of the finest ARRL New England Conferences he's ever attended…

"I always enjoy presenting at HamX because it gives me great joy in sharing my favorite aspects of the radio hobby with the hope of inspiring new members of our community. But even more so, I always find myself learning from the others in my sessions. This year was no exception.

"The 10-meters for the Technician forum prompted a spirited debate first on Friday on whether or not a basic 10M dipole antenna should include a balun - the prevailing opinion was that it absolutely should be incorporated. But when the question was rehashed on Sunday morning, the group went the other way, concluding there is no good reason to include the choke until stray RF is noted.

"Again, I came away inspired to try new areas of the hobby, and I had my co-presenters to thank. Mark's talk on digital FM modes has launched me on exploring Yaesu's C4SM System Fusion platform and Rob's passionate advocacy for Morse Code has given me resolve to improve my copying skills using several of the resources he shared."

Once again this year, Nutmeg Hamfest Alliance President, **Dr. Ed Snyder, W1YSM**, gave an update on the growth of his brainchild (what else?), the MARCONI program as part of the HamX "Club Track," a series of eight short presentations held on Friday that are aimed at fostering the growth of local amateur radio clubs. According to Dr. Snyder,

> *"The new MARCONI is now managed as a program of the ARRL Field Services Office and will provide an ongoing series of grants to Higher Activity Clubs (HACs), in support of their attempts to resuscitate Low Activity Clubs (LACs). Several MARCONI grants are slated to be awarded before the end of this year.*
>
> *"The audience was composed of about 20 ham club members from across New England.*

MORE FRIENDLY MARC FACES AT HAMX: TOP (L) Dale NA1L & Ellen KC1TSM at Saturday's cocktail hour; (C) Debbie K1PET & Andy N1XXU spotted at the flea market; (R) Shawn, KC1NQE tells of the state of POTA in CT. BOTTOM (L) Douglas, WA1SFH, leads the ARRL CT Section Meeting; (C) KC1TSM and her OM, AB1DQ; (R) John, K1LYP and Jeff, N1AKN make a bold fashion statement 'representing' Wallingford CERT in their DayGlo Tees!

A Two Day POTA Rove

by Dave Tipping, NZ1J

POTA activators know that the driving distance to new parks keeps increasing as one activates more parks. The first five or ten parks are relatively close by. However, after a year or two of activating parks, getting to a new park means an hour or more drive. Often, it's best to locate a cluster of parks and make the long drive to activate three, four, or five parks.

On August 24 and 25, I tried something different. I set out on a 350-mile route to make twelve park activations in two days. For this adventure, I also wanted to camp overnight. It turned out to be a really nice trip.

I don't think my luck could have been better. The weather was perfect. I had no trouble making QSOs. Massasoit State Park Campground is a great place to camp and is a POTA park. Scott, W1HLP, and Jim, N1ZN, had no trouble working me on 40 meters. I made QSOs on POTA's 'early shift' and some more on 'late shift.' And, I visited some very nice parks.

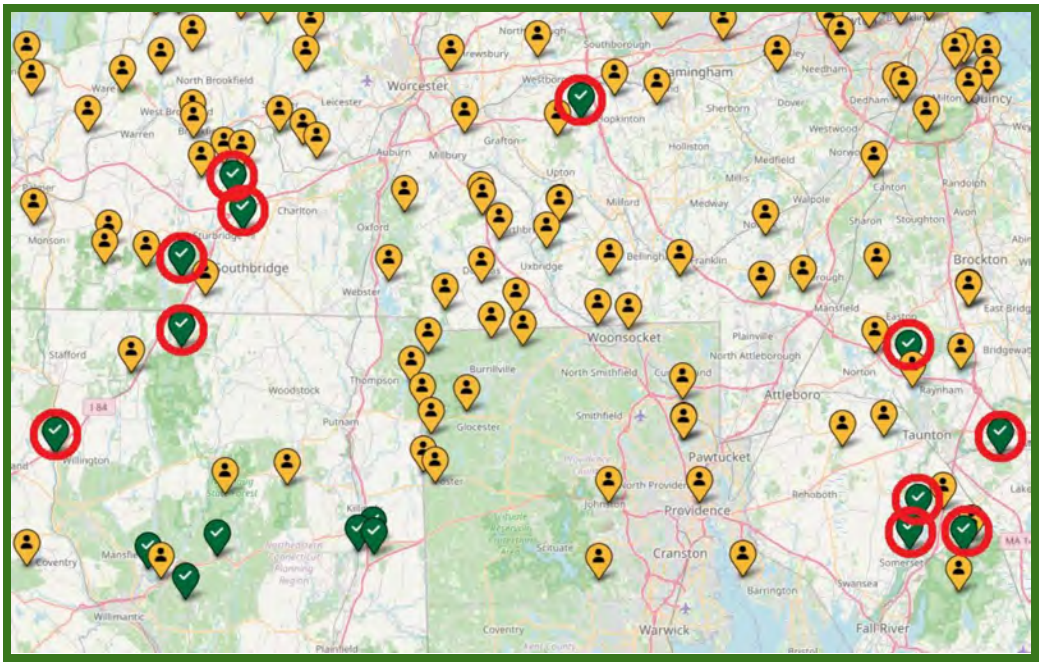
At US-2430, Dighton Rock State Park, I ran into N1ZAG and N1NTM, who were also there to do an activation. We had a nice talk and they're both in my log.

At the Massasoit campground, I was able to activate at 7 pm on one UTC day and again at 8 pm on another UTC day. A few LED lights made the evening activation easy. Using CW and headphones, I operated in my campsite and didn't disturb my neighbors.

Overall, this was the equivalent of two 175-mile day trips. Those would be the kind of trips that could include Danielson, CT or part of Rhode Island. By making the days consecutive, I was able to cover a lot of ground in Massachusetts and to pick and choose which parks to activate.

In the end, I activated eleven parks and completed two 'Warthogs' (five parks in one day). I activated Massasoit on both days. The camping and the late shift activations were part of the fun. I made 180 QSOs and 22 park-to-park contacts. I also worked quite a few new-to-me stations, which helped earn some QRZ 250 endorsements.

This was also a bit of a trial run. I got to see how my senior citizen body dealt with sleeping on the ground. I determined that the radio equipment and the camping equipment do all fit in my car. I lasted two days without running out of battery power. Though there wouldn't be much point in me retracing this route, I enjoyed the trip and will likely try another two-day rove.



LEFT: Map of the 11 parks activated by NZ1J on his overnight double-Warthog August rove.

FOLLOWING PAGES:
A gallery of photos from Dave's rove and a peek at one of his good ole paper logsheets - You get an A for penmanship, Dave!

NYE-HOLMAN
A CONNECTICUT STATE FOREST

FREETOWN-
FALL RIVER
STATE FOREST

DIGHTON ROCK
STATE PARK

Taunton Wild River US-0891 20M CW
Erwin Wilber
Dighton Rock SP
Fall River
Freetown SF US-4698
20M CW
40M Massasoit S
CW 8/24 US-24

BIGELOW
HOLLOW
A CONNECTICUT
STATE PARK

MASSASOIT
STATE
CAMPGROUND

QRP Guys Shuts Down

by Jimmy Surprenant, AB1DQ

QRPGuys, the popular website for QRP kits and essential accessories, went dark in August. In recent years, it wasn't uncommon for QRPGuys to temporarily shut down when health concerns required the owners to take some time off, and for the past few years, the website would be suspended during summer months only to reopen in the fall.

But this time the shutdown appears to be permanent. QRP Guys principal and legendary QRP designer, Doug Hendricks, KI6DS, posted the following announcement on the QRPGuys website on August 1:

> *"Jim Cates, WA6GER, sk. once told me when something has run its course you will know when it is time to close. Jim Cates was a very smart man. It is time for QRPGuys to close. I am tired, my health isn't what it once was, and it's time for me to step down and close the company.*
> *I will still be active in Qrp, especially with CalQrp.Groups.io. But my time running a Qrp business is over, effective immediately. I would like to thank all of our customers, my long time partner, Ken LoCasale (who put up with me all of these years), and my family. Thank you.*
> *I hope to see you soon.*
> *72, Doug KI6DS*

QRP aficionados are well familiar with Doug's place within the hobby. First licensed as WB0YVK in 1976, Doug first became interested in QRP in 1976, but was discouraged by the other hams in the area. He moved with his wife Joanne and daughters Robbie and Cassie to California in 1985. He met Jim Cates, WA6GER, in 1987 and they became close friends. In 1993, they founded the NorCal QRP Club, which became renowned for the kits that they produced - over 20,000 kits over the years.

The QRP Guys was an affiliation of several notable QRP developers including, in addition to KI6DS, Ken Locasale, WA4MNT; Steve Weber, KD1JV; Kazu Terasaki, AG6NS; Yin Shih, N9YS; Dan Dayloe, N7VE; John Stevens, K5JS, and Cliff Donley, K8TND.

Some good news, Ken, WA4MNT has launched a new site that echoes the original QRP Guys at www.qrpbuilder.com. Currently, Ken's QRP Builder site offers several QRP paddle kits, antennas, and accessories, and a couple of receiver kits. Ken has also archived original QRPGuys kit manuals and schematics at https://qrpbuilder.com/archived-qrpguys-assembly-files.

You can also find archived versions of the websites at the Internet Archive Wayback Machine here.

The author's QRPGuys Multiband Endfed Antenna kit. Read the AB1DQ blog about the build here: https://ab1dq.com/2022/02/28/qrpguys-end-fed-multiband-antenna/

The QRP kitting landscape is forever changing; it's part of its nature. The best QRP kits don't come from the major radio retailers, but are developed, kitted, and sold by individuals who are passionate about homebrew radio.

A sober thought - our individual human condition is one of eventual declination and ultimately, demise. Thus we look forward to the next generations of QRPers to pick up and continue the legacy.

And thus, we all wish Doug many more years of good health with family and friends and look forward to his continued contributions to the QRP community.

Thanks, Doug, for all you have given us!
72 KI6DS de AB1DQ.

Come to Nutfest, October 11, 2026!

by Ellen Cosgrove, KC1TSM

The Nutmeg Hamfest Alliance is proud to be the Connecticut State Amateur Radio Convention. As many of you know, Nutmeg Hamfest and MARC have been inextricably intertwined since Nutfest was established by John B and others. After John B's passing, MARC members have remained actively involved running the Nutmeg Hamfest Alliance.

We hope you will join us on Sunday, October 11th (8 am-1 pm) for our 34th annual Nutfest at Maloney High School (121 Gravel Street, Meriden). The program schedule can be found on our webpage.

There are many reasons to attend, including:

- **The First Annual John B Memorial Lecture** featuring David Minster, NA2AA, ARRL CEO, will be an opportunity to honor our friend, club member, and Nutfest's founder, **John B. N1GNV/SK**
- **Supporting Nutfest supports MARC's scholarship.** Each year, Nutfest donates profits to MARC's Memorial Scholarship Fund. Nutfest's donations have funded and sustained the scholarship since its inception in 2006, thereby supporting MARC's mission as a not-for-profit organization.
- **Fabulous sessions headed by MARC members** including **Dale Clift NA1L, Dave Henry KC1PEN, Bill Huggins NR1B, David Minster NA2AA, Jim Savage N1ZN, Douglas Sharafanowich WA1SFH, Conrad Trautman N2YCH, and Shawn Warren KC1NQE**, as well as presenters from the Connecticut Amateur Radio Emergency Service (CT ARES), Connecticut Parks On The Air Activators, (CT-POTA) Eastern Connecticut Amateur Radio Association (ECARA), and the Greater Bridgeport Amateur Radio Club (GBARC).

In addition to our lectures on POTA, Fox Hunting, WINLINK & VaraC, Mesh Networking, Satellites, and Scouting in Amateur Radio, we're hosting a VE Session as well as the annual Connecticut Regional CERT/EMCOMM meeting and the annual ARRL State of the Organization presentation. Free code plug programming for your HT will be offered, as well as door and other raffle prizes and hot food.

We are dedicated to making sure that your time will be time well-spent and will further your knowledge and enjoyment of amateur radio.

Admission is $10; kids under 18 are admitted free.

If you are interested in vendor and tailgating information, please contact John Yusza K1LYP at 203-228-0495 or K1LYP@frontier.com.

If you want to volunteer to help out at Nutfest, please contact John Yusza K1LYP at 203-228-0495 or K1LYP@frontier.com or nutmeghamfest@gmail.com

Please help us spread the word on social media. Post to local groups, ham groups, or any other organization that might be interested. You can contact us at nutmeghamfest@gmail.com to get PDFs of our poster and program or a link to our website.

If you have any questions, please contact us at our email address: nutmeghamfest@gmail.com

The 34th annual

NUTMEG HAMFEST & ARRL CT STATE CONVENTION

Sunday October 11th, 8:00 am - 1:00 pm
at the Maloney High School, Meriden

THIS YEAR'S SPECTACULAR PROGRAM !

TIME	ROOM TBA	ROOM TBA	ROOM TBA
8:00a-8:30a	REGISTRATION/VISIT VENDORS	REGISTRATION/VISIT VENDORS	REGISTRATION/VISIT VENDORS
8:30a-9:00a	VE SESSION J. Savage, N1ZN B. Huggins, NR1B	REGISTRATION/VISIT VENDORS	REGISTRATION/VISIT VENDORS
9:00a-9:50a		ARRL FORUM State of the ARRL 2026 D. Sharafanowich, WA1SFH John Bee N1GNV/SK Memorial Lecture David Minster NA2AA (ARRL CEO)	INCORPORATION OF RADIO INTO SCOUT PROGRAMS D. Henry, KC1PEN
10:00a-10:50a	FOX HUNTING D. Clift, NA1L D. Henry, KC1PEN	SATELLITE COMMUNICATION FOR HAMS: BEGINNER TO MASTER J. Walker, NV1U	CT-POTA ACTIVATORS GROUP S. Warren, KC1NQE P. Cimino, K1PCN B. Horne, N1BAM C. Trautmann, N2YCH
11:00a-11:50a	THE CONNECTICUT MESHCORE PROJECT P. Cimino, K1PCN	WINLINK/VaraC B. Huggins, NR1B	CT REGIONAL CERT/ EMCOMM FORUM P. Crombie, Jr., K1XFC (CT ARES SEC)
12:00p-12:30p	RAFFLE PRIZE DRAWINGS	RAFFLE PRIZE DRAWINGS	RAFFLE PRIZE DRAWINGS

Free HT Programming!

Plus: Free Parking ❖ *Hot* Food ❖ Vendors ❖ Tailgating

Admission = $10 & Under 18 get in free

Tailgating = $15 per outdoor space ❖ Indoor Vendor Tables = $25 per 6 feet

Discover more details online...

https://nutmeghamfest.org/

A History of The Meriden Amateur Radio Club, the Early Years

by Dave Swedock K1WJL *& Rich Aubin* WA1TRY

THE MERIDEN AMATEUR RADIO CLUB, circa 1948 at the converted Dossin Beach Bathhouse/clubhouse.

The majority of this article is derived from my personal experiences with the MARC starting from about 1962 when I was first licensed as KN1WJL, a Novice Class licensee at the age of 16 and joining the club at the same time. Now approaching 80, my personal recollections of this time period seem to be clearer and more distinct than why I just walked into the bathroom and forgot why?? My part of the article deals with the early 1940's through the 1970's. Most of the research on old newspaper articles is courtesy of Rich WA1TRY, who has a real knack for internet searches and, of course, is our club historian and has a treasure trove of the club documents.

As I traveled on my path towards a career in teaching in the State Vo-tech System, my time with ham radio diminished somewhat in the 80's & beyond, but fortunately Rich WA1TRY picked up the slack and literally became "Mr. Meriden Amateur Radio Club," deeply involving himself in all aspects of the club.

The Ole-Timers of the club keep changing, not necessarily voluntarily either; K1WJL is the most senior (member-wise) followed by Mike K1LHO, John K1VDF, Al N1API, Rich WA1TRY, John WA1JKR, Jerry K1TGX, not necessarily in that order, due to memory gaps…The only true anomaly is Al N1API, who technically is the oldest, as he did come to the Dossin Beach MARC facilities with his father Vic W1JAX as a young junior op in the late 1950's. Al went into the service and did not get his ham license and join the MARC until later in the 1970's.

Rich did a deep dive into newspaper archives and came out with quite a few gems, the first being the earliest mention of a "Meriden Radio Club" being organized for all radio enthusiasts who can copy & send Morse code, in April of 1921 at the Conn. Telephone & Electric building. (See Ref#1) A listing of the proposed constitution included meetings on the 1st & 3rd Thursdays (the first being the business meeting) and was so eerily similar to our present-day document.

Large Number Join Meriden Radio Club

About 60 Wireless Enthusiasts In Meeting

CONSTITUTION READ

Will Be Formally Adopted Next Week Thursday--- Officers Nominated

About 60 persons were present at the meeting of radio enthusiasts last evening in the assembly hall of the research laboratory of the Connecticut Telephone & Electric company. This was the second meeting held to form a Meriden Radio club, and the committee appointed last week reported a tentative draft of a constitution for the new organization.

This proposed constitution was read and discussion invited upon each of the articles. Some slight changes were made and the constitution was tabled until the next meeting when a vote will be taken upon its adoption. The committee also reported its nominations of officers for the club as follows: President, A. S. Boynton; vice-president, George Donnelly, and secretary-treasurer, Frank Young. This report was also tabled until the next meeting.

Proposed Constitution.

The proposed constitution has nine articles. The first provides that the name of the organization shall be the Meriden Radio club, and its object the bringing together of the amateurs of Meriden and vicinity who, being interested in the advancement of radio telegraph and telephone, desire to become familiar with the radio art.

Article 2 provides for three classes of membership. Full members shall be over 16 years old, must have been actively connected with radio work for a full year and must be able to receive messages in continental code at the speed of ten words a minute, or be proficient in some other branch of the art. Associate members must be over 16 years of age, but need not be familiar with any branch of radio work if they are interested and desire to join the club. Junior members are those between the ages of 12 and 16 who show an interest in the art and desire to become proficient in the code and familiarize themselves with radio apparatus.

Entrance Fee and Dues.

Article 3 provides for the fees and dues. Entrance fee for full and associate members is $1 and for junior members, 50 cents. The annual dues for full and associate members is the sum of $10 and for junior members $3. Article 4 provides for the annual election of officers and specifies that only full members may hold office in the club.

Article 5 is given up to the details of the management of the club by the board of directors, which consists of the officers and chairmen of standing committees, numbering five. This article provides for four standing committees as follows: Library and publicity committee, program committee, electrical committee and nominating committee.

Article 6 fixes the time for the annual meeting of the club for the first Thursday in May each year. In Article 7 there is a provision for regular meetings of the club on the first and third Thursday of each month, the meeting on the first being the monthly business meeting. In Article 8 it is provided that three of the five directors shall be a quorum for the transaction of business by the board of directors, and in meetings of the club one-third of the entire membership shall constitute a quorum.

The final article provides for amendments to the constitution, there being a provision that they must be proposed at least a month before they are acted upon, and require a two-thirds vote of the entire membership.

At the conclusion of the meeting 46 of those present signed their names as intending to join the new club. — Announcement was made that the next meeting will be held in the same place at 8 o'clock next Thursday evening. This meeting will be open to all who are interested, and those who desire to join the club will be given a chance to do so at that time.

REF#1

Meriden Morning Record
Friday, April 22, 1921

Courtesy of WA1TRY

Not much was documented of this group, and it was in the fall of 1941 that ham radio operators from Meriden formed the U.H.F. Amateur Emergency Association (see Ref#2), whose function was to monitor aircraft and warn the proper authorities (Civil Defense).

In Jan. 1942, the name was changed to the Hanging Hills Radio Club; Frank W1FYG was elected Secretary (see Ref #3). All normal amateur radio operations were suspended between 1942 and 1946, also due to the fact that hams who were proficient in Morse code were vital in the military war effort and were pressed into service. The club still managed to survive the loss of on-air time and re-emerged in 1947.

In Feb of 1947, the MARC elected Frank Darmofalsaki W1FYG President, Howard Wessenberg W1HVF activities manager, Ed Bischert W1NRG Treasurer, and Herb Ellmers W1QPD Secretary. Heywood Waytts W1RCI replaced Mr. Wessenberg when he relocated to Newington later in the year.

COURTESY OF WA1TRY

Radio "Hams" Form Association Here

Officers were elected of the U. H. F. Amateur Emergency association, composed of radio "hams" affiliated with the Aircraft Warning Service at a meeting last night in the state armory. The officers are:

President—John Bibisi, of Middletown, operator of Station W-1KJT

Secretary—Frank Darmofalaski, of Meriden, operator of Station W-1FV-PVG.

Activity of the association will be the formation of a relay league composed of amateurs in Meriden and vicinity with the purpose of co-operating with the Aircraft Warning service.

The association is raising funds to purchase radio equipment for use in connection with the public service.

REF#2

COURTESY OF WA1TRY

Local Radio Club Changes Its Name

Notice to the public is being made by the former U. H. F. amateur emergency Association. That a change of name was adopted by the club's membership at a regular meeting held on Monday evening.

The club now holds regular Monday evening meetings at the residence of Louis Jacob, 188 Camp Street, amateur operator of WIGLK.

Hereafter the club will be known as The Hanging Hills Radio Club.

The officers of the club are John Bibisi, president; Frank Darmofalski, secretary; and George Staski, treasurer.

REF#3

They conducted meetings in various locations, from members' homes, the Ritz Hotel, and the YMCA building, when a committee was formed to find a permanent home. They approached Meriden Mayor Howard Houston for assistance and within a few months the MARC was given the use of the abandoned Dossin Beach bath house at Hanover Pond in So. Meriden. A newspaper article from Dec 1948 details the Open House ceremonies with invited city dignitaries. (See ref#4, below.

The club photograph that appears at the top of this article was taken right around this time and was probably located at the double door entrance to the radio room at Dossin Beach. (Editor's note: the Meriden Lions Club (K1WJL member) did extensive renovations of the location for the QRWA offices & showroom).

This group shot is indicative of the era of stiff, starched business attire, which is somewhat hilarious when you see the staged pictures for the newspaper of a 1950's Fox Hunt with shirts, ties, and jackets

The MARC was active & thriving through the late 1950's at Dossin Beach when, rumor has it, the City who "giveth" shall also "taketh" and replaced us with a dog pound. The MARC went silent for several years until about 1960/61 when they resumed meetings at the Columbus Hall on Springdale Ave. and have been going strong ever since.

They ping-ponged across the city from the second floor of a downtown bank, the second floor of the Red Cross building on Colony St., ARC Handicapped facility on Cook Ave., the PLAV building on East Main St, the Police Benevolent Society (who were really not all that benevolent), and the International Corporate Headquarters of ComStat in Wallingford (WA1TRY et al.

Part II, coming soon, deals with the club's dedication to Field Day and the relocation to Wallingford.

Mon Dec 13, 1948

Meriden Amateur Radio Club Plans Public Inspection

Officials Invited To Visit Quarters At Dossin Beach

The Meriden Amateur Radio Club has invited city officials, communications people and the press to inspect the Dossin Beach headquarters, 7:30 o'clock, Thursday evening.

At last night's regular club meeting, it was announced invitations have gone out to Mayor Houston, Frank Sprafke, chairman of the Recreation Commission, Chief of Police Michael B. Carroll, Chief Leonard Petrucelli and Captain Charles Zunmer of the Signal Department. Other agencies interested in message handling are being contacted through Mrs. J. B. Crabtree for the Red Cross; T. Val Hedgpeth, Southern New England Telephone Co.; Stanley Killeen, Connecticut Light and Power Co., and Ernest Markham for aviation.

All city officials and persons representing agencies interested in communicaion will be welcomed Thursday evening. The club voted last night to open next Sunday's meeting to members' families and the public. Meetings begin at 7:30 and are ordinarily preceded by a half hour of code practice for prospective amateurs.

At the open house Thursday for officials, the club plans to initiate a message from Mayor Houston to Red Cross headquarters in Hartford, transmitting from the club's 10-meter station at Dossin Beach through WIAW, Headquarters Station of the American Radio Relay League to its destination. Officials will have the opportunity to see how the former north-wing bathhouse has been transformed into a message center and meeting place for the 29 members.

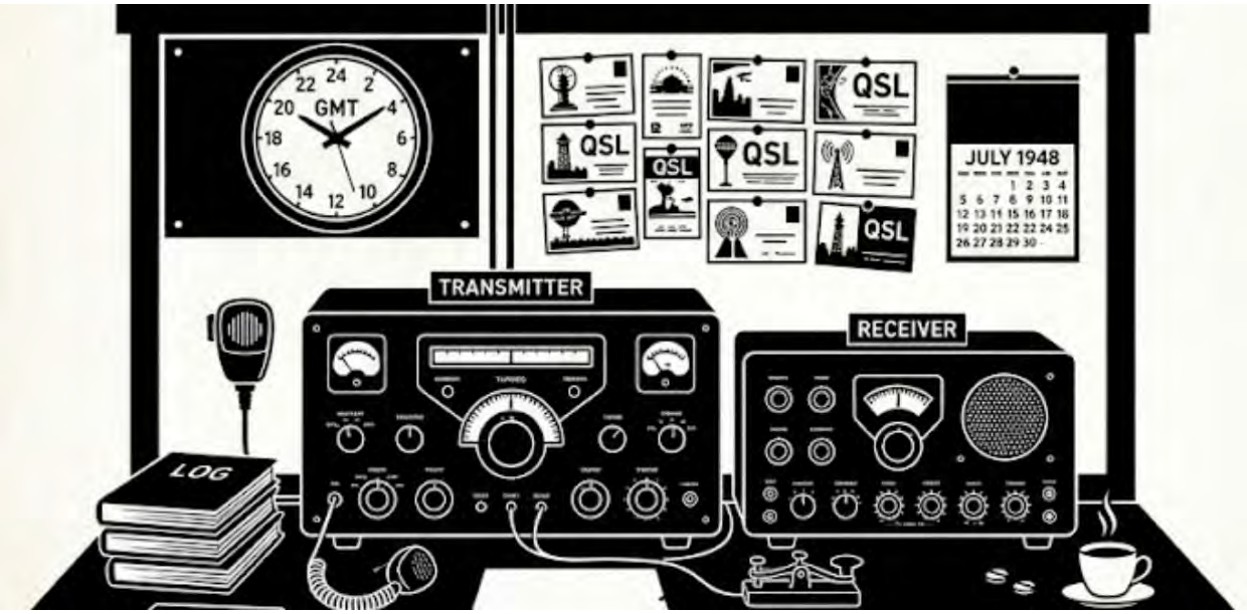
A committee headed by Lawrence Cook, and including Floyd Steiner Emil Qrieco and Stewart Stockwell, has been active since the room was made available by the city. They have stacked bathhouse racks behind partitions and fashioned a meeting hall and transmitter room in cream and brown paint. They have laid a wood floor over the concrete, painting it grey and insjalled two stoves,

After the business portion of last night's meeting, Emanuel Rame showed three reels of sound movies, and coffee and doughnuts have become a social feature of each regular meeting.

The Meriden Amateur Radio Club was organized in February at the Y.M.C.A. It met Sunday evenings there and later at the Rita Restaurant. Through interested city officials the present permanent quarters were made available. The club has a constitution and has preted on its bulletin board official recognition from the ARRL. Several social events were hold in the summer and fall, including a picnic at Lake Quonnopaug.

The original slate of officers elected by 12 charter members in February was Frank Darmofalski, W1PYG, president; Howard Wessenberg, W1HVF, activities manager; Edward Bischert, WINRG, treasurer, and Herbert Elimers, WIQPD, secretary. Heyward Waits, WIRCI, replaced Mr. Wessenberg, af vice president when WIHVF moved to Newington.

REF#4 - Courtesy of WA1TRY



The More You Know...

Verticals, Radials, and Magic Carpets

by Steve Ford, WB8IMY

Featured KeyKlix Contributor At Large

If you have limited space for an antenna, operating on the HF bands can present a challenge. That's why vertical antennas are attractive to so many amateurs.

To radiate with reasonable efficiency, however, vertical antenna systems require ground returns for RF currents. These ground returns are typically provided by radial wires attached to feed line ground connections at the bases of the antennas. Radial wires, along with the vertical portions of the antennas themselves, can be elevated above ground. Electrically speaking, elevated radials make the antenna behave somewhat like a dipole with one leg vertical and the other horizontal. This configuration can offer good performance, but you need sufficient horizontal room to make it work.

The alternative, and the most common configuration by far, is a network of on-ground radials. You simply put the radial wires directly on the soil, or beneath it. Unlike elevated radials, you don't have to trim on-ground radial wires to achieve acceptable SWRs.

But how many on-ground radial wires do you need and how long must they be? The traditional advice was to put down as many wires as possible, as long as possible. But in 2009 Rudy Severns, N6LF, published an article in ARRL's QEX magazine that described the extensive research he had performed to answer this question once and for all.

Rudy conducted a series of meticulous tests and found that it was possible to achieve an acceptable 0 dBd gain figure (gain relative to a dipole in free space) with just 16 radials, each only ¼ wavelength long at the lowest operating frequency. For a 20-meter vertical, for example, each of those wires would be about 17 feet in length.

Adding even more radials will improve performance to a certain degree, but you arrive at a point of diminishing returns rather quickly. In my conversations with Rudy, he stated that for the average amateur station, 16 quarter-wavelength radials would usually suffice. He felt that the additional 2-dBd gain you might achieve by adding substantially more radials (as many as 50 total) would not be worth the effort for most applications.

And Then There are Magic Carpets

At the opposite extreme, Rudy found that with only four wires on the ground, of almost any length, the relative gain drops from zero to about -1 dBd. As he pointed out, that's obviously heading in the wrong direction, gain-wise, but it is still adequate for making contacts, especially if you can compensate with higher power levels. I've had successful Parks On The Air (POTA) activations using my portable vertical and only 5 radial wires.

But a ground return doesn't have to be comprised of wires — any conductive surface beneath the antenna will do if it is connected to the feed line ground. This is where so-called "magic carpets" come into play. Also known as "Faraday cloths," they often consist of large pieces of fabric that contain steel, aluminum, or copper threads. They can also be made entirely of these materials (window screens come to mind).

Whatever you wish to call them, these carpets are popular with POTA operators because (1) they are extremely easy to deploy, (2) they are relatively compact, and (3) they present minimal trip hazards.

But how do they compare to ¼-wavelength wire radials in terms of performance?

I conducted my own test on 20 meters using a 4 x 10-foot steel screen and five ¼-wavelength radials. With my transceiver output set at 5 W and the radials deployed around the antenna, I made a series of FT8 contacts and then checked reception reports on the PSKReporter website. Next, I quickly disconnected the radials and replaced them with the steel screen beneath the antenna. More FT8 contacts followed and the results were compared.

There was no significant difference!

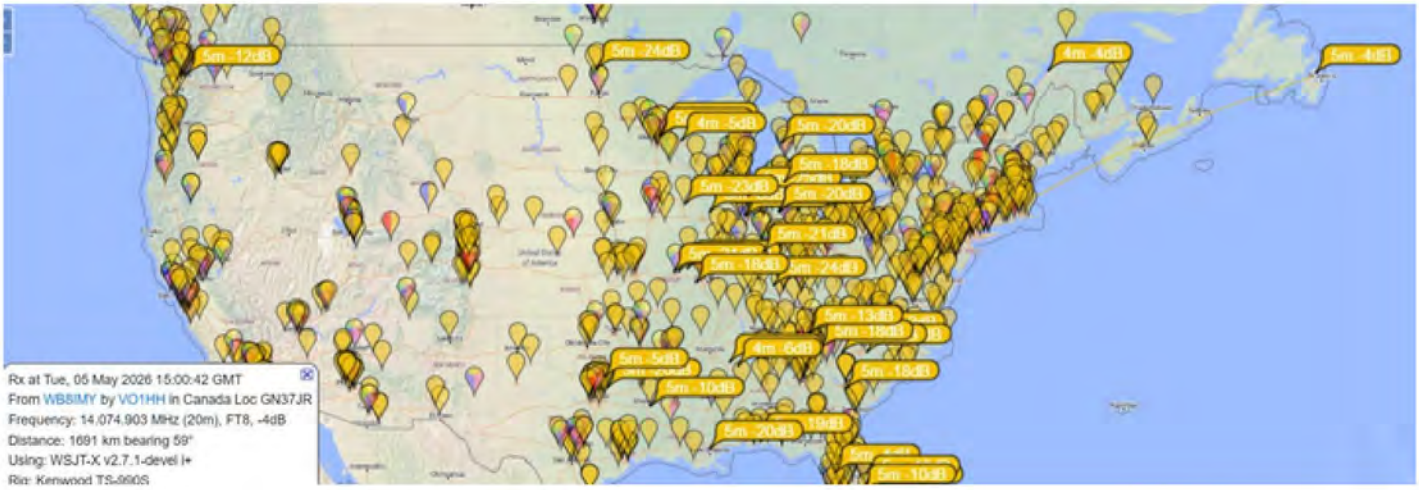
This wasn't a scientifically rigorous test because it failed to take several variables into account. Still, it was an interesting exercise that seemed to confirm Rudy's results.

At the end of the day, there is nothing "magical" about magic carpets, but in terms of sheer utility, their POTA popularity is easy to understand. After all, even a sub-optimal RF ground return is better than none at all.

Contest activity begins heating up in September, and this offers excellent opportunities to put these ideas to the test — even from portable stations. You have the North American CW Sprint on September 13 and the North American RTTY Sprint on September 20. These are exciting competitions with challenging "QSY rules." See ncjweb.com/Sprint-Rules.pdf. There are a slew of state QSO parties in September as well. Check the WA7BNM contest calendar at www.contestcalendar.com/contestcal.php.

LEFT: WB8IMY's 4 x 10-foot screen beneath his portable 20-meter vertical antenna.

BELOW: Five watts of FT8 on the 20-meter band using a screen ground produced these reception reports on PSKReporter. The results using five radial wires were nearly identical.



At the Clubhouse & In the Field

with Ted Renzoni, KC1DOY

The MARC foxhunt on **Sunday 2 August 2026** proved to be a challenge as Dave NZ1J, aka The Fox, actually managed to find a hideout that none of us knew existed. Dave had announced the hunting ground as "somewhere in or near Wallingford," thus extending the search area into the surrounding towns.

I had the good fortune to find him first, but I knew that he'd try to do something different to throw us off. The only way that I could think of to gain an advantage was to try to get into his head and find out what he was thinking when he set his destination. I didn't get very far into his head before I was overwhelmed by all the knowledge in there, and I had to retreat back out. Fortunately, I had let out a long length of twine and managed to follow it back out.

After that, it was back to the old way of taking regular bearings and working my way across town until I found him hiding in an industrial park off of Route 5 in North Haven. It wasn't long after that when Mark KE1IU arrived, the second one to find the fox. Well done, Mark!

As you can see from the photos, we had a good-sized group of hunters out that day, all of them finding Dave within the allotted time. It never gets old!

~Ted KC1DOY

One of the greatest advantages a new ham can have is being associated with a club like MARC. On **Saturday, 8 August**, **Bryan KC1ZYS** dropped by to get some advice on how to use his new HT. **Dave NZ1J** explained how an HT can be programmed and that it is for use in the 2-meter and 70 CM bands.

Dave went on to explain what the HF bands cover and told Bryan about many of the different modes and the fun you can have working them. As an example, Dave told Bryan about Parks on the Air and showed him how, using the POTA website, he could hunt activations and work different parks for awards.

I think that Bryan was genuinely interested and I'm sure that he will be back as he continues to grow into our great hobby. You won't learn any of this from the exam manuals and a resource like MARC is the place to go to learn more about radio and find answers to your questions. We're looking forward to seeing Bryan and many other new hams who have come in with questions again.

~ Ted, KC1DOY

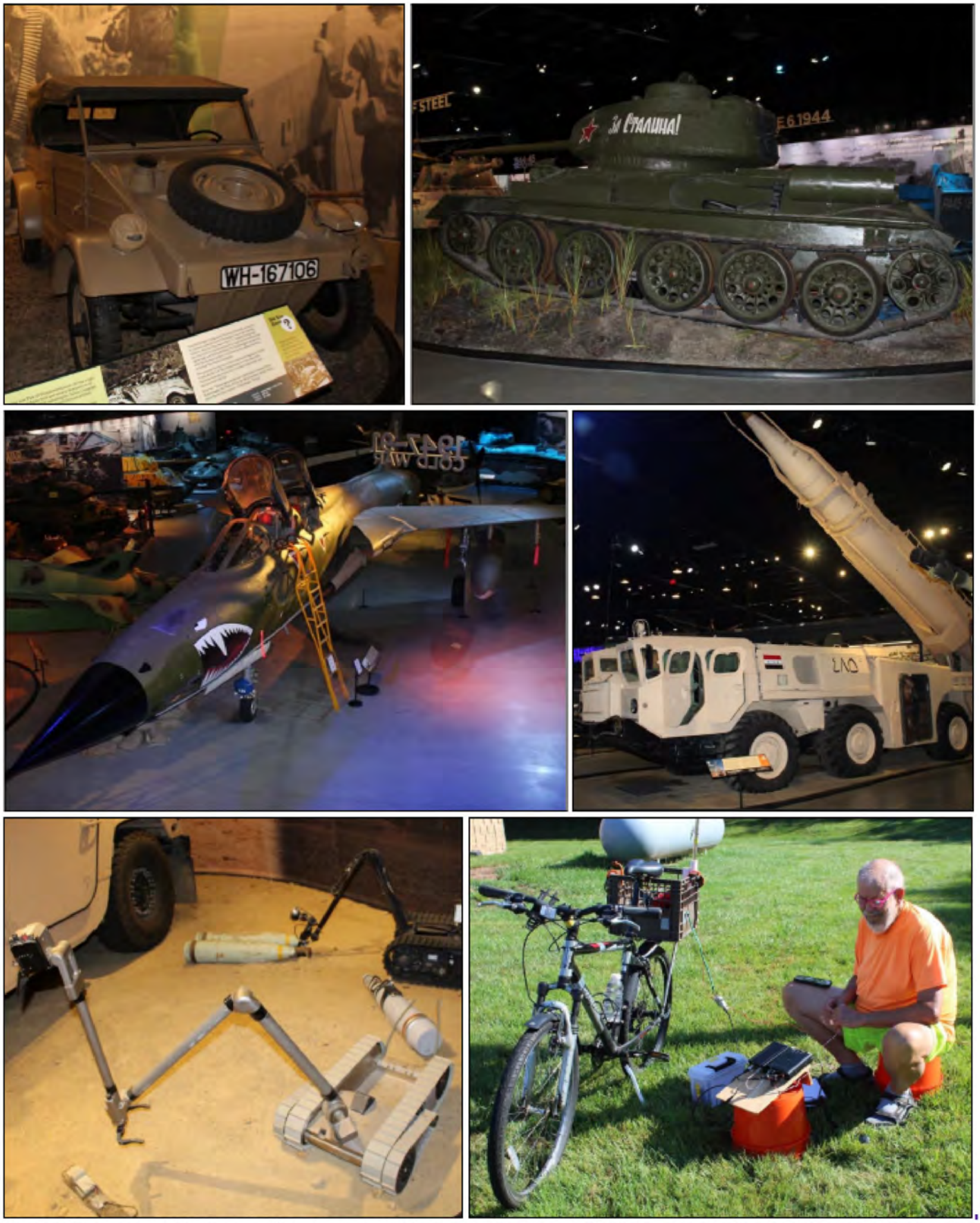
I left for a trip to Cape Cod on **Monday 11 August** to visit my friend **Mark WA1EXA**. We planned to do a POTA activation, so we set out on Tuesday to activate **US-2451 Nickerson State Park** and **US-8395 Cape Cod Rail Trail State Trail,** which was a Two-fer activation.

Band conditions weren't too good, but we managed to eke out 14 QSOs with a couple of park to parks. We started on 20M, then switched to 40M, but things weren't very good. Mark suggested we try 17M. My vertical is good for 20 and 40, but we really needed a couple of more QSOs, so "why not," and I managed to get the SWR down enough to make 2 more contacts albeit with a weak signal. We packed up, satisfied that we had made a successful activation. I was hot and tired and didn't get any pictures while at the park.

On Wednesday, we took a ride to the American Heritage Museum in Hudson, MA. I was very impressed with their collection, which covers WWII, Korea, Vietnam, the Gulf War, and artifacts from the War on Terrorism, including a structure from the World Trade Center. All of the exhibits were completely restored except one that was on loan from another museum. It was well worth the $20.00 admission.

On Thursday, I took Mark and his wife out to dinner at a fine restaurant overlooking the water. Really great seafood!

I returned home on Friday, unpacked and got ready to go to the OEM Saturday morning, **August 15**. While the CW crew was inside practicing, Paul WA1MAC set up behind the building and worked his bicycle mobile station, also on CW. Considering the fine weather that day, I think that Paul had the best QTH.



TOP TO BOTTOM: WW2 German Kubelwagen; WW2 Russian T-34 Tank; Vietnam War F105C Bomber; Iraqi Scud B Missile & launcher; Gulf War Talon Tactical Robot; WA1MAC Paul bicycle mobile at OEM on Saturday, August 15.

Our monthly Activity Meeting was held at the OEM on **Saturday 22 August 2026**. The topic was a recap of our Field Day activities, presented by **Jules LoRusso KC1STF**.

The purpose was to evaluate everything that we did on Field Day and to identify what went right, what went wrong (or fell short of expectations), and how we could improve things next time.

Some of the topics covered were:

1. The number and types of radios used, what modes they operated on, what bands and how successful they were (total QSOs).
2. Location of stations. At the OEM, or in the field, and whether they were club stations or individual operators. Any issues with setup, interference, or access.
3. Operational safety. Making sure that there were no unanticipated hazards present at either site and that everyone had access to water, shade, insect repellent and sunscreen.
4. Ensuring that Field Day rules were followed and that all logs were properly submitted.
5. Providing food and drink for everyone for both Saturday and Sunday. Food safety being a priority.
6. Lessons learned covered everything that we did, how well we did it, and how we could improve things for next time. Getting even greater participation from club members and better public outreach to promote ham radio were added as well.

Overall, everyone had a great time, the weather was fine, the food was good, and even if the bands weren't the best, the scores were something to be proud of. We all seemed to agree that 2026 will serve not only as a model for future Field Days but also as a baseline against which to measure future success.

~ Ted, KC1DOY

LEFT: The August Activity Meeting, a Post-Mortem on our 2026 Field Day efforts, drew several members out on a beautiful morning to the OEM. RIGHT: KC1STF ponders what went right and what fell short at Field Day 2026.

Saturday **29 August 2026** opened with **Bill NR1B** and **John K1LYP** preparing the signs for the Nutmeg Hamfest (Nutfest to the initiated) coming October 11. The signs will direct attendees to the parking areas, main entrance for admission, and outside vendor areas. Other signage will direct vendors to vendor parking and outdoor setup areas.

This year promises to be a great time for all with more rooms inside for presentations and, weather permitting, lots to see and buy at the outside vendor section. There's too much to cover here so you'll just have to come and see for yourself on Sunday 11 October at Maloney High School in Meriden!

Paul WA1MAC could be found making adjustments and tweaking the macros on his Z Bit X radio. It is a small form factor multi-band radio based on a couple of Raspberry Pi boards. It was previously covered in KeyKlix, so I'll just mention that it is a 5-watt, all-bands, all modes SDR that even comes with a built-in mic. Here is a link to the website for all those interested in the details. Not bad for POTA or vacation activity.
https://www.hfsignals.com/index.php/zbitx-v2/

Our editor-in-chief, **Jimmie AB1DQ**, can be seen here assisting **Bryan KC1ZYS** with the programming of his new HT. Bryan is a new member of our club and has already participated in one of our Thursday evening POTA sessions at Wharton Brook State Park. Welcome to MARC, Bryan! We're glad to have you aboard.

~ Ted, KC1DOY

TOP (L) WA1MAC fiddles with macros on his zBITx V 2. (C) Said zBITx V 2 - a lot of rig in not a lot of package. (R) NR1B looks at K1LYP looking at the Nutfest lawn signs. BOTTOM (L) NZ1J elmering new ham KC1ZYS in the club station (C) AB1DQ and KC1ZYS programming Bryan's HTs via CHIRP. (R) Mucho actividades as always at the OEM open house! L-R: NR1B, AC1SK, N1ZN, WA1MAC, KC1DOY, N1BRL & W1BRY.
Come join us next Saturday! - you'll be glad you did

Review of the Pebble HF QRP Kit

by Jimmy Surprenant, AB1DQ

On a dreary Monday afternoon way back in February, as my workday was winding down, I fired up the FT-891 on my desk to do a little POTA hunting.

I copied N4BKY calling CQ POTA on 20 M CW from US-1043 in Alabama and answered her call. We swapped signal reports, and after our otherwise mundane POTA QSO, I discovered that N4BKY, Becky, along with her husband, Michael, N4FFF, were ham radio content providers on YouTube. Their channel is @HamRadioDuo, and they regularly post videos of their QRP POTA activations demonstrating how easy it is to work QRP CW from the parks.

Becky contacted me to tell me they were considering including our QSO in an upcoming video and she also told me about a new simple QRP kit - the Pebble HF - that they were developing and hoping to launch this summer.

As a lifelong kit-builder, I let her know I'd be eager to put together my own Pebble, and I put my name on the pre-launch waiting list. As the late great Tom Petty sang, "the waiting is the hardest part," but it wasn't insufferable - my Pebble finally arrived on July 30.

The Pebble HF is an affordable compact HF radio kit for anyone to get into HF amateur radio and was created to get more people into the hobby, to encourage people to upgrade their license and to have fun with HF, or put more simply - to encourage more people to have fun with outdoor radio!

The kit was developed in collaboration with Barb Asuroglu, WB2CBA. The hardware design is based on Barb's work, and the firmware was written by Guido, PE1NNZ.

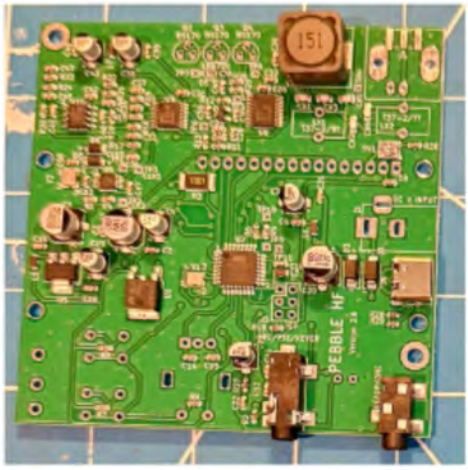
Selected specs of the Pebble:
(According to https://pebblehf.com/#features)

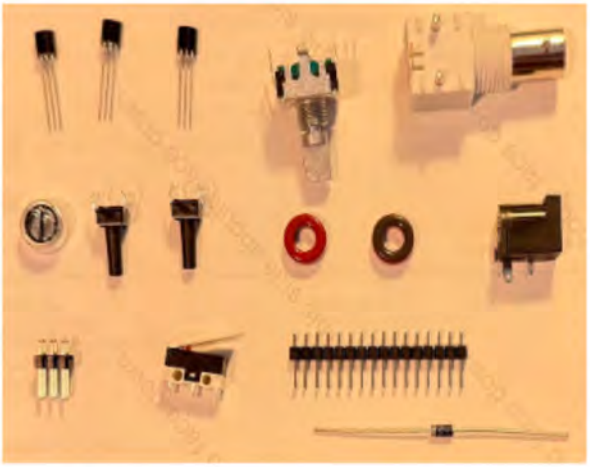
- All-mode single-band 20 M transceiver
- CW, SSB (USB/LSB), and digital mode capable*
  (* NOTE: an external USB sound card is required for digital modes)
- Up to 5W output (7-14V input) or 1W on USB-C (5V)
- CW modes: straight key and iambic, configurable tone frequency, separate sidetone and main volume controls
- DSP filters: full open, 2500, 1700, 500, 200, 100, and 50 Hz
- VOX (auto transmit for digital modes)
- AGC and noise reduction
- Open hardware + firmware
- Weighs less than 4.7oz (132g)
- Power consumption: ~80mA RX, 500-600mA TX @ 12V

The Pebble positions itself as (1) Ultra-affordable, (2) Easy to build, (3) Performing well on the air in POTA and other portable situations. How did it do? Here's my take…

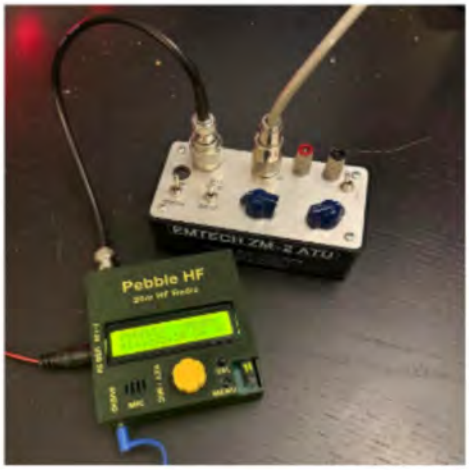
Ultra-affordable? For sure! The kit is priced at under $50, and comes complete with a quality PCB, all components, and an attractive 3D-printed case, complete with built-in microphone and mini-CW key/PTT button.

Easy to build? Definitely! This is a feature-packed SDR microcontroller-based rig, but all of the many SMC components come pre-soldered to the board. This leaves the builder to wind a few toroids and solder on a handful of through-hole components. Mine went together in well under an hour and a half, working carefully and methodically. An online YouTube assembly video may help first-time kit builders.





TOP TO BOTTOM: (1) PCB with pre-installed SMC parts (2) the 15 thru- hole components the builder needs to add. (3) only 2 toroids to wind (4) completed bottom of PCB (5) completed top (6) first test w. home EFHW & Emtech ZM-2 (7) Ready to go! (8) 1st QSO w. KZ9V, in US-4334 WI.



Serial	1494672101	Log Date	2026-08-25 20:38:45
QSO Start	2026-08-25 20:31:00	Confirmed	no
QSO End	2026-08-25 20:33:00	Contest	n/a
	QSL-TO		QSL-FROM
Station	KZ9V		AB1DQ
Op	DAVID A WHITE		Jimmy Surprenant
QTH	US-4334 Tom Lawin State Wildlife Area		Cheshire
State	WI		CT
Frequency	14.041 MHz 20m	Mode	CW 14.041 MHz 20m Mode CW
Power	0 W	RST Rcvd	559 5 W RST Sent 599
Coordinates	45.020800 N, -91.200000 W		41.477600 N, -72.920000 W
Grid	EN45ja	Distance	1528km @ 291° FN31nl Distance 1528km @ 111°
County	Chippewa County, WI		New Haven County, CT
Continent	NA - North America	IOTA	NA - North America IOTA
Zones	ITU 7	CQ 4	ITU 8 CQ 5
Comments	POTA - KZ9V US-4334 Tom Lawin State Wildlife Area Pebble HF - 5 W to EFHW		

On air performance? Pretty good! It's everything it claims to be. The menu system is super easy to navigate, making it fairly easy to adjust things like AGC, bandwidth filters, the 2 attenuators, operating mode, keyer settings, etc. When the menu isn't engaged, the radio is tuned via the yellow knob. To adjust audio volume, press in on the knob and rotate.

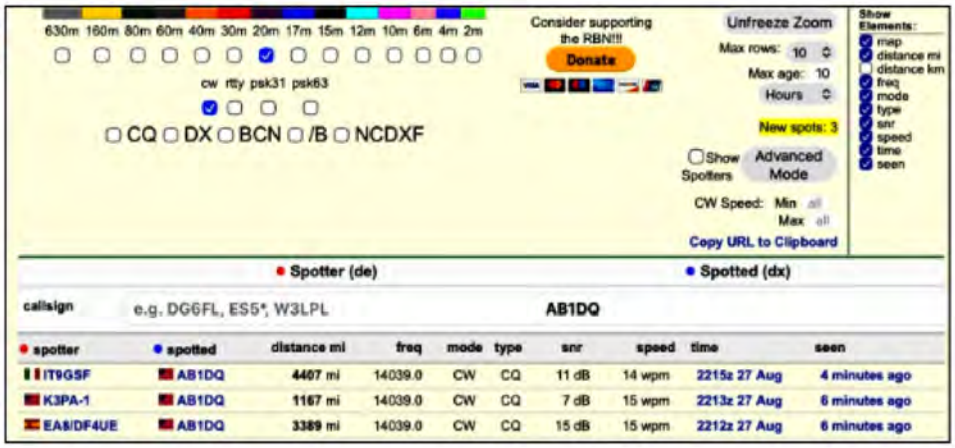
I have been using my Pebble in the shack this past week, connected directly to my EFHW antenna to hunt POTA stations. My first contact was with KZ9V at US-4334 in Chippewa County, WI, who gave me a 559 report; he was 599 solid. I made this first contact using the little built-in spring push-button key switch in straight key mode. I was surprised at how good the switch works as a straight key. I moved on to a 3-D printed set of paddles I was given at HamX and took my Pebble to the club's Thursday night activation on August 27 and made a couple of contacts (VO1AW Newfoundland, WA5SOG, Arkansas) using a ham stick and mag mount on the roof of my Jeep. Again, signal reports were good.

The HamRadioDuo - N4BKY & N4FFF

The filtering is pretty good overall, but I found a couple of minor annoyances with the receiver. In limited initial use, I'm finding CW signals a bit on the weak/faint side. Of course, that could have more to do with recent poor band conditions or perhaps I haven't discovered the best settings for bandwidth and attenuation.

Secondly, I found that when I go into the menu system to adjust the receive settings, the audio sometimes squeals and howls as if it's gone into self-oscillation. The online documentation cautions the operator not to turn the AGC on in CW mode because strange things happen. For what it's worth, I haven't had any problems with the AGC while copying code.

Overall, I'm very pleased with the Pebble and would recommend it to anyone looking for an easy starter kit to build - you can't beat the price, and given the few number of parts, it's idiot-proof (I think - and I'm qualified given the decades of kits I built that needed troubleshooting on first power-up.) Well done, Becky & Michael!



LEFT: My Pebble HF 20M QRP transceiver in its handsome green and yellow 3D printed case with a 3D key, courtesy of N1WRJ who gave these out as swag in his CW presentation at HamX.
RIGHT: An RBN screenshot of my CQ from Wharton Brook at the last club event. 5 watts to a mag-mounted ham stick into Italy and Spain - not too shabby!

Were you aware?

September is SKCC Canadian Straight Key Month

September is Canadian Straight Key Month and a great opportunity for stations from around the World to work CSKM stations for awards and fun. CSKM is simple and straightforward. CSKM has no special call sign for CSKM stations. CSKM operators just need to use their own call signs, send the usual SKCC QSO exchange, and add "CSKM" after their names. For example:

CQ SKM de VA3FRL

W7VC de VA3FRL ur 599 ON RICK/CSKM 24441S

Additionally, participating CSKM stations do not need to sign up for time slots. Any SKCC member operating in Canada can operate CSKM at any time they wish, for as long as they wish, and on any band. It's entirely possible that you'll hear more than one CSKM station operating at the same time from the same Canadian Province.

SKCC asks that any Canadian operator give the CSKM coordinators as much advance notice of date and time of operating as possible so we can put it on the CSKM calendar and give other Worldwide hams who want to work you a heads up.

Further, SKCC also asks that CSKM stations post their call and frequency on the sked page. And we also ask that CSKM stations email their session logs in ADIF format so they can upload it to our Stats page which also confirms QSOs.

The SKCC will provide certificates to all stations that work at least six different Provinces, Government areas, and/or Territories. Email the SKCC at CSKM@SKCCGROUP.COM for more info.

MARC in the Parks

Highlighting our members' POTA activations

On August 5, **Andy Purchia, N1XXU**, activated **US-11712, the Cromwell Meadows Wildlife Management Area,** with his 34.5' telescopic whip by Alpha Antenna on his truck. He reported that the antenna worked great on 40m and also tuned up for some good DX on 20m. Andy logged 90 SSB QSOs during this activation, including stations in 20 US states. DXCC entities worked included Sweden, Belgium, Spain, Alaska, France, and the Netherlands.

Expert POTA Hunter, **Paul Stasieluk, W1EDX,** was awarded the POTA African Forest Elephant Hunter Award in August for working a mind-boggling 8,000 unique reference areas in the program.

Paul's POTA page shows 48 distinct program awards earned to date including the following recognizing specific achievements:

- -Worked all Provinces in Canada
- -DX Hunter
- -Worked all National District, Dominican Republic
- -Worked all Santo Domingo District, Dominican Republic
- -Worked all of Vargas State, Venezuela
- -Worked all of Sable Island, Nova Scotia

To date, Paul is 107th of the all time Hunter list, having logged 14,618 QSOs into 8,005 parks. Truly, an inspiration for all.

The club gathered one last time at **US-1728 Wharton Brook State Park** for a summertime afternoon activation on Thursday, August 27. The weather forecast was iffy with a chance of T-storms, but the fine weather prevailed once again.

TOP (L): Bill NR1B (C) Ted KC1DOY (R) Paul WA1MAC
MIDDLE (L): Portable POTA antenna farm (C) Reie KC1NHE (R) Jim KC1TSG
BOTTOM (L): Bryan KC1ZYS & Dave, NZ1J (C) Bill NR1B & Jules KC1STF
(R) Bryan KC1ZYS, Jim KC1TSG & Bob KE1AU

Scott Martin, W1HLP, activated **US-1705 Osborndale State Park** near Derby on August 27, and made a quick 22 CW QSOs in 20 minutes flat as the skies started to turn threatening. Sudden T-storms certainly aren't an uncommon experience this time of year.

Scott noted that he upgraded his POTA go-box to a plastic container with lid for, as he says, "those rainy or snowy outings." EGAD, did he say the "S" word? Good to be prepared, but let's hang on to every hour of summertime we have left!

With a stated goal of covering all 61 Rhode Island POTA references during a single weekend event, the RI POTA group is looking for volunteers to help assure every park is on the air.

If you are going to be in RI the weekend of September 10-13 and can help out, sign up for a slot on the RI POTA website here.

Otherwise, it can be a great opportunity to notch some RI POTA QSOs if you need 'em!

Learn more at: https://ripota.org/activate-ri-2026/

MARC POTA *"Big Guns" by the numbers...*

Here's how the club's avid POTA activators stack up from the POTA.app website as of 08.28.26.

Call	Operator	Activations	Parks	QSOs
NZ1J	Dave Tipping	776	123	30,071
N1XXU	Andy Purchia	376	136	23,799
KC1NQE	Shawn Warren	347	192	12,342
K1PET	Debbie Purchia	192	115	11,314
AC1TY	Andy Rudczynski	173	30	6,100
KC1TSG	Jim Drexler	161	83	4,560
NR1B	Bill Huggins	127	34	3,163
W1HLP	Scott Martin	119	10	2,633
KC1STF	Jules LoRusso	111	31	2,534
WA1MAC	Paul Clark	65	13	1,200
W1BRY	Don Chepurna	41	27	1,453

Radio Active Members

...a look at what some of our members were up to last month

Seth William, KS1WK, shared news of a significant upgrade to his home QTH operating desk in August, moving from a crafting cart he used for years to a proper desk.

Seth has further enhancements planned, but is really happy with the improvement.

Looks great, Seth!

LEFT: KS1WK "Then"
RIGHT: KS1WK "Now"

Paul Clark, WA1MAC, did some hunting on August 12, with a 25' bike-mounted Rybacov at the Salt Marsh near his Milford QTH. (PHOTOS TO THE LEFT)

Paul closed the month on August 30, not on his bike, but back at the beach at Silver Sands (US-1716) where he deployed his EFOCF vertical that the G90 auto-tuner easily matched from 80-10 without the use of radials. (PHOTOS BELOW)

SELECTED ON AIR EVENTS - *September 2026*

CONTESTS: ***Click on hyperlink for more info…***

All Asian DX Contest, Phone	0000Z, Sep 5 to 2359Z, Sep 6
Wake-Up! QRP Sprint	0600Z-0800Z, Sep 5
SARL VHF/UHF FM Contest	0800Z, Sep 5 to 1000Z, Sep 6
AGCW Straight Key Party	1300Z-1600Z, Sep 5
IARU Region 1 Field Day, SSB	1300Z, Sep 5 to 1259Z, Sep 6
IARU Region 1 145 MHz Contest	1400Z, Sep 5 to 1400Z, Sep 6
PODXS 070 Club Jay Hudak Memorial 80m Sprint	2000Z, Sep 5 to 2000Z, Sep 6
CWOps CW Open	2000Z-2359Z, Sep 5
MI QRP Labor Day CW Sprint	2300Z, Sep 7 to 0300Z, Sep 8
ARS Spartan Sprint	0000Z-0200Z, Sep 8
K1USN SST Open	2000Z-2359Z, Sep 11
WAE DX Contest, SSB	0000Z, Sep 12 to 2359Z, Sep 13
SKCC Weekend Sprintathon	1200Z, Sep 12 to 2359Z, Sep 13
Africa FT4 DX Contest	1500Z-1800Z, Sep 12
ARRL September VHF Contest	1800Z, Sep 12 to 0300Z, Sep 14
North American Sprint, CW	0000Z-0400Z, Sep 13
4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Sep 14
NTC QSO Party	1900Z-2000Z, Sep 17
ARRL 10 GHz and Up Contest	0900 local, Sep 19 to 0759 local, Sep 21
QRP Afield	1500Z-2100Z, Sep 19
North American Sprint, RTTY	0000Z-0400Z, Sep 20
BARTG Sprint PSK63 Contest	1700Z-2059Z, Sep 20
ARS Flight of the Bumblebees	1700Z-2100Z, Sep 20
Run for the Bacon QRP Contest	2300Z, Sep 20 to 0100Z, Sep 21
SKCC Sprint	0000Z-0200Z, Sep 23
CQ Worldwide DX Contest, RTTY	0000Z, Sep 26 to 2359Z, Sep 27
AGCW VHF/UHF Contest	1400Z-1800Z, Sep 26
SARL 80m QSO Party	1700Z-2000Z, Oct 1
URC DX RTTY Contest	0000Z-2359Z, Oct 2
Oceania DX Contest, Phone	0600Z, Oct 3 to 0600Z, Oct 4
Worked All Provinces of China DX Contest	0600Z, Oct 3 to 0559Z, Oct 4
German Telegraphy Contest	0700Z-1000Z, Oct 3
Peanut Power QRP Sprint	2200Z-2359Z, Oct 4

STATE QSO PARTIES:

Tennessee QSO Party	1700Z, Sep 6 to 0300Z, Sep 7
Colorado QSO Party	1400Z, Sep 12 to 0359Z, Sep 13
Iowa QSO Party	1400Z, Sep 19 to 0200Z, Sep 20
Texas QSO Party	1400Z, Sep 19 to 2000Z, Sep 20
New Hampshire QSO Party	1600Z, Sep 19 to 2200Z, Sep 20
Washington State Salmon Run	1600Z, Sep 19 to 2359Z, Sep 20
Wisconsin Parks on the Air	1600Z-2300Z, Sep 19
Maine QSO Party	1200Z, Sep 26 to 1200Z, Sep 27
California QSO Party	1600Z, Oct 3 to 2200Z, Oct 4

SPECIAL EVENT HIGHLIGHT:

RI POTA: Activate all RI

1000Z, Sep 10 to 1900Z, Sep 13

See page 34, above, for more info.

Weekly W1NRG Nets... On the Air all week long!

Sunday:

ELMER NET
SUN 7:30 pm VIA ZOOM
See the MEMBERS AREA of our Website for the Zoom access information.

Monday:

NEW HAVEN/MIDDLESEX SKYWARN NET
MON 7:00 pm W1NRG/R 147.360PL 162.2Hz

6 METER SSB NET
MON 8:00 pm 50.175 MHZ USB

Tuesday:

2 M FM NET
TUE 7:00 pm W1NRG/R 147.360PL 162.2Hz

10 M 10-10 CASTLE CRAIG NET
TUE 8:00 pm 28.375 MHZ USB

Wednesday:

JUST PUSH THE BUTTON NET
WED 7:00 pm W1NRG/R 147.360PL 162.2Hz

Saturday:

COFFEE CUP NET
SAT 9:00 W1NRG/R 147.360PL 162.2Hz

Saturday mornings at the OEM is the only place to be!

Join us starting at 9 AM at 143 Hope Hill Road for our Saturday Open House.

Hang with fellow club members in a non-structured social setting and participate in various radio activities such as:

- Code practice
- Operate W1NRG, our club station and work some DX
- Radio repair clinic
- Bring in your projects For a Maker's show & tell

Come relax, learn and socialize with an unobjectionable group of hams!

Key Klix *Klassified* - *Buy, Swap & Sell...*

ITEM FOR SALE

Xiegu G90 HF Transceiver

Complete in orig. box w. CE-19 digital interface, USB programing cable, microphone, accessory fan base. Firmware ver. 1.81

Used, not abused - works 100%

$250 FIRM!

Contact: Jimmy james@ab1dq.com

ITEM FOR SALE

Buddi Stick

Complete with all accessories

In good shape!

$125

Contact: Rich marzo7088@yahoo.com

Sell your ham related items in KeyKlix for FREE!

Email keyklix@w1nrg.com with your details, price, and contact info.

💩 *Chits & Giggles* 🤣

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Strong Amateur Radio Means a Strong America!

We're counting on you.
(and your membership dues)

American Axis of Radio Licensees
NO CLUEINGTON, CONNECTICUT USA

The Editor's Page

Key Klix is ***your*** newsletter, and we rely on you to share your latest radio news so we can provide engaging content for all. Contributing is a great way to connect with other members who may share or want to learn more about your particular areas of radio interest.

Drop us a line at keyklix@w1nrg.com with articles, logs, news of what is happening in your shack, and photos, which are always most appreciated.

Key Klix September 2026

Has been brought to you by

EDITOR IN CHIEF..... **JIMMY SURPRENANT, AB1DQ**
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STEVE FORD, WB8IMY
STAFF PHOTOGRAPHERS..... **TED RENZONI, KC1DOY**
AL KAISER, N1API
PAUL CLARK, WA1MAC

***Thank you** to all of this month's contributors, including...*

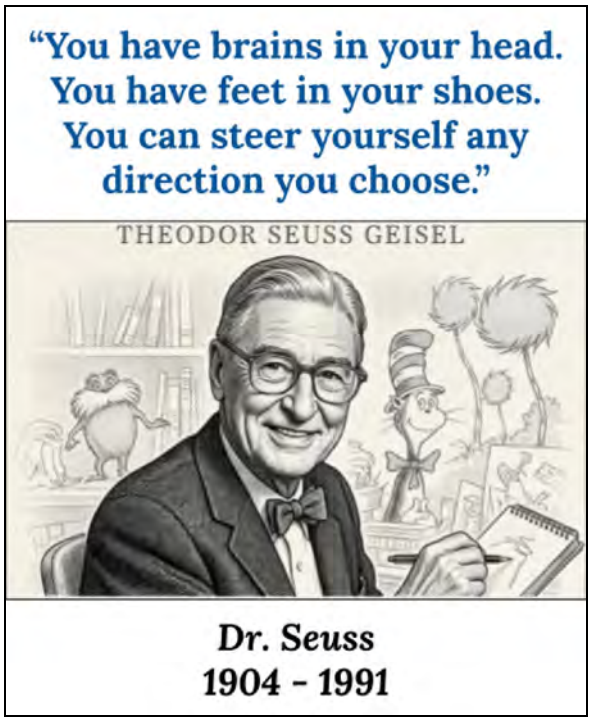
AB1DQ - K1WJL - KC1DOY - KC1ISI - KC1MJZ - KC1PEN - KC1TSM

NA1L - NZ1J - W1YSM - WA1MAC - WA1TRY - WB8IMY

MEMBERSHIP ROSTER

The Meriden Amateur Radio Club is...

AA1MH	Robert Hurlbut	26
AB1DQ	James Surprenant	26
AB1HB	Charlie Dudac	26
AB2T	Jordan Zarembo	26
AC1HK	Kevin Hulse	26
AC1SK	George Bucci	26
AC1ST	Louis Brenner	26
AC1TY	Andrew Rudczynski	26
AC1VS	Bryan Suhr	27
K0OZ	Brian Boccuzzi	26
K1DMS	Dave Sack	26
K1LHO	Mike Ash	26
K1LYP	John Yusza	29
K1MAL	Chris Altieri	27
K1MMK	Michael MacKennedy	27
K1NEG	Nelson Goewey	26
K1PET	Debbie Purchia	26
K1RCT	Rob Cichon	26
K1RJC	Rick Castaldo	27
K1SCI	Stuart Isaac	26
K1SMD	Silas Moeckel	26
K1STM	Anne West	26
K1TDO	Todd Olsen	26
K1TGX	Jerry Molaver	30
K1VDF	John Blevins	26
K1WJL	Dave Swedock	27
K2RPM	Bruce Torello	26
K4AVM	Andrew Olsson	26
KA1BED	Bill Green	27
KA1BMF	Constantino Tobio	26
KA1YZC	Paul Patnoad	26
KB1APO	Jim Sintay	27
KB1CXK	Joe Clarizio	26
KB1FGC	Richard Guerrera	26
KB1HAX	Bill Reyor III	26
KB1JL	Eric Olsson	26
KB1LWS	Jeanne Gherardi	26
KB1MFU	John Ramadei	27
KB1RLF	Steven Chapman	26
KB1TBL	Dave Laliberte	26
KB1TGS	David Robinson	26
KB1TTV	Jonathan Martin	26
KB1YFJ	Glenn Couture	26
KC1BQP	Paul St. Amand	26
KC1CAB	Frank DiTerlizzi	27
KC1DOY	Ted Renzoni	27
KC1ERO	Jason Pintek	26
KC1HFO	Johannis Stodis	26
KC1IIK	Scott Mowerson	26
KC1ISI	Kristin Olsson	26
KC1KQH	John Kasinskas	26
KC1MJZ	Michael Berube	26
KC1NHE	Reed Hansen	26
KC1NQE	Shawn Warren	26
KC1NRD	John Lujick	28
KC1NRQ	Bruce Childs	26
KC1OCS	Richard Dewick	26
KC1OGL	Paul Randazzo	26
KC1OWD	Kevin Van Keuron	26
KC1OYN	Rick Becker	26
KC1OYR	Brent Moyer	27
KC1OYS	Jim McAuliffe	26
KC1PEN	David Hzenry	26
KC1PXX	Dave Alfredson	26
KC1PYT	Jeff Gazso	26
KC1QHO	Mike Beaudry	26
KC1QWH	Steve Rygiel	26
KC1RBY	Sergio Frutuosa	26
KC1RLQ	Eric Barbour	26
KC1SA	Steve Allen	26
KC1SDA	Richard McHugh	26
KC1SEN	Nicholas Worroll	26
KC1STF	Jules LoRusso	28
KC1SYU	Jim Cosgrove	26
KC1TAD	Tom Dipinto	27
KC1THU	Mike Zelladonis	26
KC1TKY	Bob Hourigan	26
KC1TPN	Rick Foster	26
KC1TSG	Jim Drexler	26
KC1TSK	Rich Pagano	26
KC1TSL	Charlie Vossbrinck	27
KC1TSM	Ellen Cosgrove	26
KC1TSN	Chuck Caron Jr.	26
KC1TST	Mike Boccuzzi	26
KC1TSW	Charles Caron III	26
KC1TSX	Mike Barile	26
KC1TSY	Dan Gessner	26
KC1TSZ	Deb Caron	26
KC1TWA	William Caron	26
KC1TYO	Ken Williams	26
KC1UJQ	Mark Kirschner	26
KC1VCU	John Mandeville	26
KC1VQY	Michael Granoth	26
KC1VRG	Robert Shemo	26
KC1VUM	Matthew Erff	26
KC1VVC	Joel Helfer	26
KC1VZI	Joe DePaolo	26
KC1WEX	Len Guercia	26
KC1WFB	Lloyd Saberski	26
KC1WNJ	Joe Capuano	26
KC1YPA	Carl Gross	26
KC1YSF	Kevin Murphy	26
KC1YUY	Joe Symcak	26
KC1ZAO	Wayne Brooks	26
KC1ZNP	Andrew McLaren	26
KC1ZNQ	Joseph Connolly	26
KC1ZPM	Richard Geissler	26
KC1ZPN	Marc Grandpre	26
KC1ZYS	Bryan Wysong	27
KC1ZZT	John Mayo	27
KC2MLH	Adam Castracane	26
KD2TLD	Patrick Lacombe	26
KE1AU	Bob Kaczor	26
KE2ECC	Phillip Gallanti	26
KF6LU	Andrew Buza	26
KK7NLS	John Condon Jr	26
KO4EEL	Tom Williams	26
KR1U	Bob Eslinger	29
KS1WK	Seth Kolasinski	26
KX1USA	Rob Messercola	26
N1AKN	Jeff Dwyer	27
N1API	Al Kaiser	30
N1BRI	Brian Beegan	27
N1ERR	Paul Benedetto	26
N1FNE	Rod Lane	27
N1GY	Geoff Haines	27
N1HCA	Susan South	27
N1IBE	Wade Martell	26
N1JEO	Joel Curneal	26
N1JMX	Jeff Martin	28
N1KGP	Martin Staffa	26
N1LES	Joe Murray	26
N1MOB	Dan David	26
N1OKF	Bob Parisi	26
N1OKR	Fran Ciccone	27
N1OQC	Mike Johnson	27
N1PHI	Trish Nitshke	26
N1PQQ	Greg Cartier	26

N1QYB	Bill Witecki Jr	26
N1SSIA	Thomas O'Hare	27
N1XXU	Andy Purchia	26
N1ZN	Jim Savage	26
N2CKD	Lovji Hakim	26
N2TAG	Dave Taglianetti	26
N2YCH	Conrad Trautmann	26
N7VGA	Dennis Hanlon	26
NA1L	Dale Clift	26
NR1B	Bill Huggins	26
NZ1J	Dave Tipping	27
UT3UY	Anatoly Kirilenko	26
W1AJK	Andrew Kazimer	26
W1BRY	Donald Chepurna	27
W1EDX	Paul Stasieluk	26
W1HLP	Scott Martin	26
W1IHS	Jason Polaski	26
W1IKW	Iain K White	29
W1LV	Steve Morley	26
W1NDT	Robert Lombardo	26
W1PRK	James Procaccini	27
W1RCI	Ron Isaac Jr.	26
W1RWW	Bob Woodtke Jr.	26
W1TK	Ron Wakefield	26
W1UFO	Mike Cei	26
W1UKX	Greg Gherardi	26
W1YSM	Ed Snyder	26
W2PEU	Michael Toftness	26
W3APC	James Cook	27
W4FMM	Bob Munro	26
W9OTW	Deborah Foss	26
WA1FFT	Ray Irwin	26
WA1INC	Roland Hamel	26
WA1JKR	John Rogus	29
WA1MAC	Paul Clark	27
WA1SFH	Douglas Sharafanowich	26
WA1TRY	Rich Aubin	L
WA1ZVY	Jim Martin	28
WB1DQT	Bill Bacon	26
WB1GFI	StanHiriak	26
WB1GYZ	Bob Biancur	27
WB8IMY	Steve Ford	26
WJ1B	Harold Kramer	27
WV2LKM	Steve Waldmann	26
-	Eran Netkin	26
-	Laurie Mallette	26
-	Lucas Molloy	Y
-	Spencer Rygiel	Y

KEY: **L** Lifetime Member **Y** Youth Member