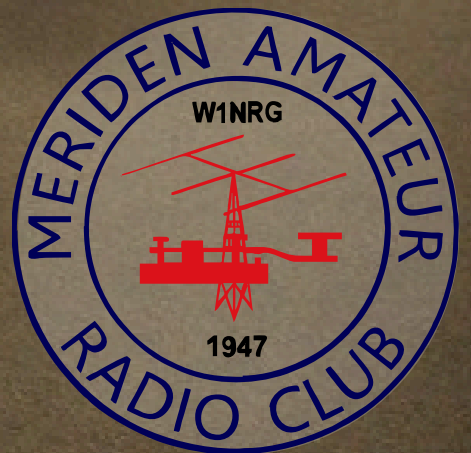


# KEY KLIX

Newsletter EST 1947

## MARCH 2025





# KEY KLIX

Newsletter EST 1947

MARCH 2025

[www.W1NRG.com](http://www.W1NRG.com)  
[KeyKlix@w1nrg.com](mailto:KeyKlix@w1nrg.com)

## 2025 CLUB OFFICERS

President -Ray KC1QLS  
 Vice Pres -Dave NZ1J  
 Secretary -James AB1DQ  
 S.A.M. -Rob K1RCT  
 Treasurer -Rick KC1OYN

## ACTIVITY MEETING

Thursday, March 27, at 7pm  
 Don WV1W will be our speaker  
 The activity meeting will be in person only at the OEM

## MEMBER DUES

**Last Call - Click here to pay your dues before March 31st**

Contact Rick KC1OYN with questions at [treasurer@w1nrg.com](mailto:treasurer@w1nrg.com)

# ARRL - DX SSB

by Rob K1RCT, Station Activities Manager

## From the CSRR, 03/01-02/2025:

Five (5) Operators contested from the Chris Sievert Radio Room (OEM) on Saturday and Sunday. Eighty-five (85) QSO's were made by three new-to-the-hobby & Club Radio Amateurs KC1SYU James Cosgrove, KC1VVC Joel Helfer & KC1TSG James Drexler (with a few QSO's added by the two Elmers AI N1API and Rob K1RCT) to combine for a 14,025 score; an excellent Club effort! Kudos to VP Dave Tipping & President Ray Cirmo for promoting this activation!



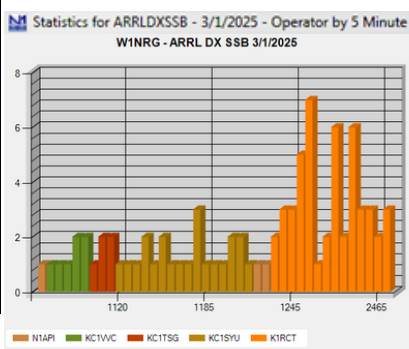
Statistics for ARRLDXSSB - 3/1/2025			
Operator	28	Tot	Accum
K1RCT	48	48	48
KC1SYU	22	22	70
KC1TSG	5	5	75
KC1VVC	7	7	82
N1API	3	3	85
<b>Total</b>	<b>85</b>	<b>85</b>	<b>85</b>

## INSIDE THIS ISSUE

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After a brief orientation on how to use N1MM+, the exchange and how to conduct a QSO, these new Radio Amateurs racked them up on the 10 Meter band! Furthest QSO was FR8TZ Reunion Island, 9119 mi. Several other very distant stations were heard but not contacted due to heavy QRM and pileup conditions.



# AT THE CLUB HOUSE

By Ted KC1DOY



Bob KE1AU, Dave NZ1J, George AC1SK

Saturday 22 Feb 2025 was another busy day at the club. Dave, NZ1J, demonstrated how different coils performed with the AM radio. The differences could be seen on the oscilloscope. This was of great interest to a number of attendees.

John, KC1KQH, used his NanoVNA to show us how to test chokes and filters. He had several different chokes and a homemade 20 meter filter on hand to use in the demonstration. The more people see of the NanoVNA, the more they realize what a valuable tool it is.

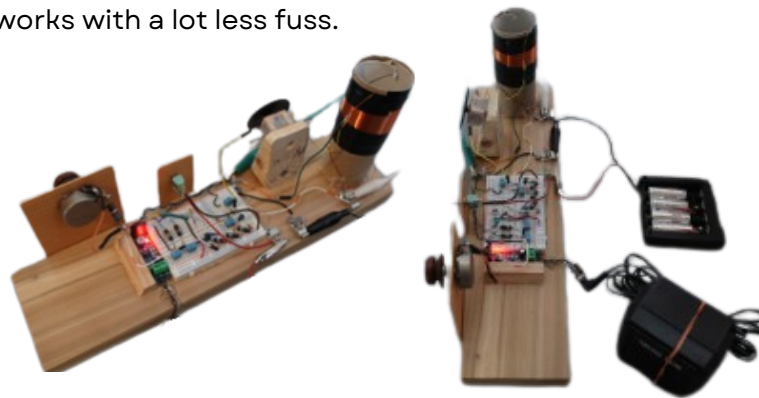


John KC1KQH

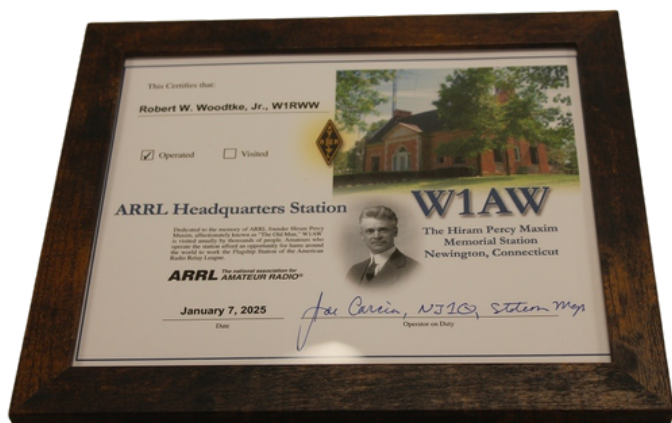


Don W1BRY, Bob KE1AU, John K1LYP, Dave NZ1J, Bob WB1GYZ, George AC1SK, John KC1KQH

I had a chance to show off my AM radio after I added an on/off switch and a volume control. We all had used an audio amplifier circuit that was separately purchased but I found that the onboard volume control was not meant for repeated use. I found an old potentiometer in one of my parts boxes and got a reasonable match by adding in a resistor. Now it works with a lot less fuss.



Bob, W1RWW, set out an invitation for anyone interested to come in to ARRL Headquarters any Tuesday from 10 AM to noon for a visit and a chance to operate from the Maxim Memorial Radio Station. Put it on your to-do list!





# AT THE CLUB HOUSE

By Ted KC1DOY

March at the OEM came in like a lion, bringing together thirty club members for a day packed with hands-on projects, radio experimentation, and camaraderie. As part of the ongoing AM radio project led by Dave, NZ1J, members explored and compared several types of inductor-style antennas. The standout performer of the day was a diamond-shaped design based on a 1920s model, proving that sometimes, classic ideas still reign supreme. However, there's always room for improvement, and the club is eager to refine the design further.

Meanwhile, George, AC1SK, shared a thorough analysis of the club's new receiving antennas, while Ted, KC1DOY, tested his latest design—the best-performing receiving antenna built so far.



George AC1SK, Mike KC1TSX, Paul WA1MAC



Ray KC1QLS, George AC1SK, Paul WA1MAC

Paul, WA1MAC, contributed his ingenuity by bringing in several homemade variable inductors, crafted from old glue stick cases wrapped in wire. Not only were they inventive, but they also performed remarkably well. Paul also demonstrated his bicycle wheel mag-loop antenna, which drew a lot of interest from the group.

At noon, everyone took a well-earned break to enjoy pizza (with five or six different choices), soda, cookies, and brownies. But the energy didn't slow down for long.

Following lunch, members dove into a Morse Code practice session, guided by Elmers Mike, K1LHO, and John, K1LYP. Participants not only honed their CW skills but also had the chance to experiment with different types of Morse keys. Is one better than another? The consensus seemed to be that personal preference plays a big role in the choice of key.



Don W1BRY, Mike KC1TSX

In the radio room, Rob, K1RCT, and Al, N1API, worked with newer hams to gain some valuable SSB contesting experience. They logged plenty of on-air time, making this another popular and practical activity available at MARC.



Mike KC1WDZ, Dave NZ1J

Perhaps the most satisfying moment of the day was the arrival of a visitor who stopped in to meet the group. After talking with several members and seeing the club in action, he was so impressed that he filled out a membership application on the spot. That alone speaks volumes—we're building something special at MARC!

Feeling  
LUCKY





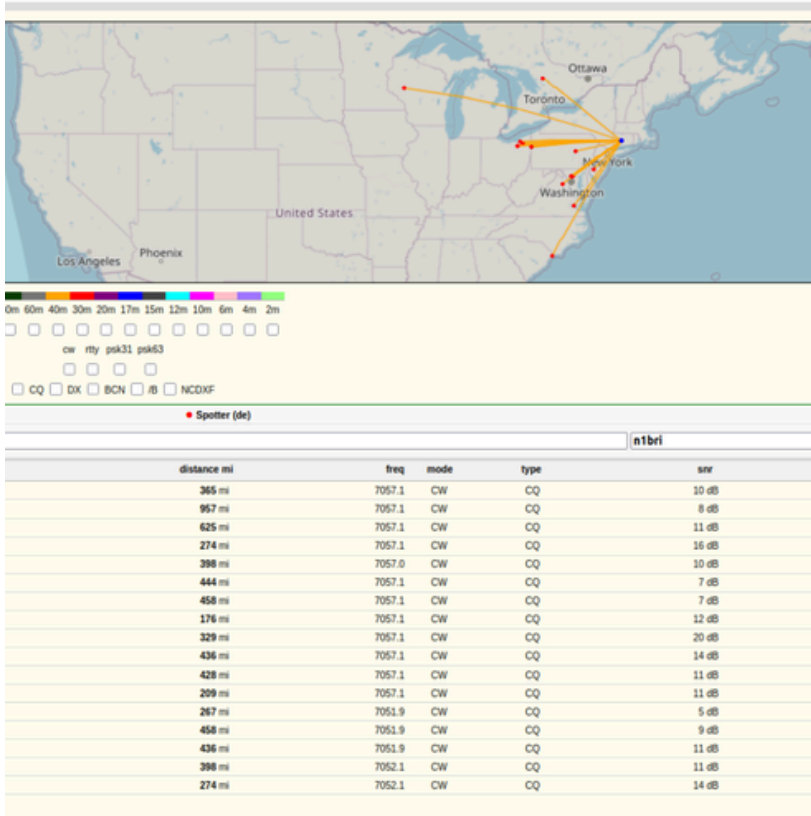
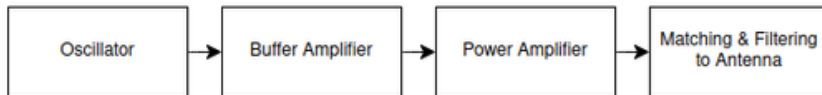
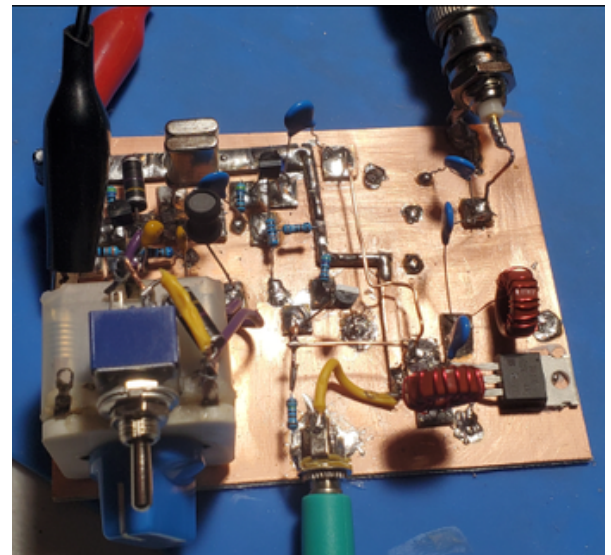
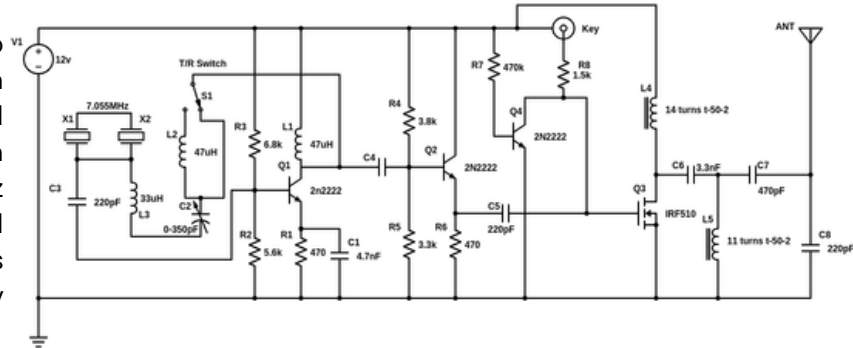
## 40M VXO QRP TRANSMITTER

By Brian N1BRI

One of my main aspirations in the ham radio hobby is to design and build a 40m QRP CW transceiver. This is an ambitious goal for someone without formal training in electronics or RF design, but with the wealth of online resources available and the guidance of experienced MARC members I believe it's achievable with effort. That being said, I'm a long way from a transceiver and I have so much to learn. I learn best by practicing, getting my hands dirty, and making mistakes.

Transmitters are much easier than receivers, so that's where I started. I've been intrigued with variable crystal oscillators (VXO) ever since I read the **short article** Daniel Bare AB7SQ and John Clements KC9ON put out on "pulling" quartz crystals. Any transmitter needs an oscillator, and anybody who has ever built an LC oscillator knows that building a stable one is very difficult (especially if it is tunable or variable).

Quartz crystals give you "rock-solid" stability at a fixed frequency. This paper says we can get stability and frequency variability—cake to have and to eat. There are plenty of sophisticated methods for creating variable frequency oscillators—this is not one of them, which is why I was attracted to it. The design I came up with is simple and undoubtedly flawed.



I used 2N2222 NPN transistors for the oscillator, buffer and keying, and an IRF510 for the power amplifier. I'm getting about 3 watts at 12 volts and I have a frequency range of about 10kHz (7056-7046). There is a "T/R" switch which essentially just knocks the oscillator off the frequency you're receiver is tuned to and back again for transmit. The matching was done totally by trial and error and is surely not as good as it could be. I apply just enough signal from the buffer amp to the gate of the IRF510 to almost turn it on and then key the bias. I think this could be better too. But I'm making contacts and it is a lot of fun. Hope to catch you on 40M!

# WARG/CERT



Wallingford, CT - The Wallingford Amateur Radio Group Community Emergency Response Team (WARG CERT) has officially launched its latest new member training course, equipping local volunteers with essential emergency preparedness and response skills.

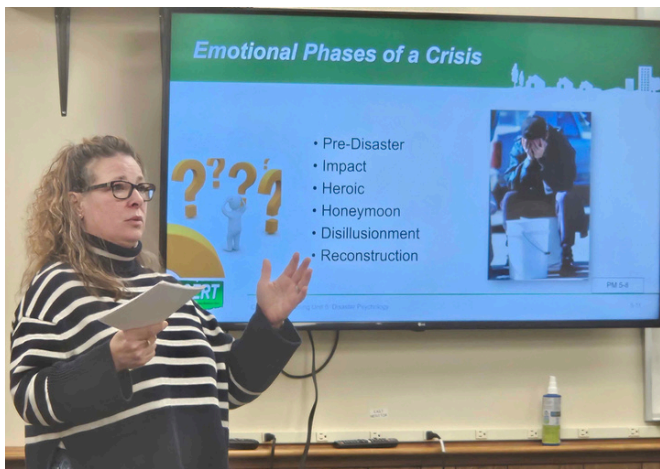
The program began with a warm welcome from Chief Buck of the Wallingford Fire Department, who emphasized the vital role that CERT plays in strengthening community resilience. Under the leadership of Scott, the Wallingford CERT Captain, the trainees embarked on their journey to become valuable assets in times of crisis.



The comprehensive training course is being led by experienced instructors, all dedicated members of both the Wallingford Amateur Radio Group and CERT. The instructional team includes Rob K1RCT, John K1YLP, Mike KC1VQY, Eric KB1JL, Kristin KC1ISI, and Shawn KC1NQE. These skilled radio operators and emergency responders bring a wealth of knowledge and practical expertise to the program.



Throughout the training, new members will learn how to protect themselves, assist their neighbors, and provide critical support to first responders during emergencies. The curriculum covers disaster preparedness, basic medical aid, fire suppression, search and rescue operations, and emergency communications, among other key topics.



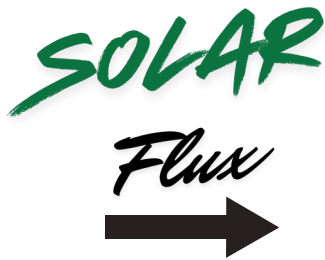
WARG CERT plays a crucial role in local emergency response efforts, particularly in providing communication support through amateur radio. By combining technical expertise with hands-on emergency skills, the team enhances the town's overall disaster readiness.

This latest training course ensures that Wallingford residents have well-equipped and knowledgeable community responders ready to assist when disaster strikes. Those interested in joining future CERT training programs are encouraged to reach out and become part of this dedicated volunteer group committed to public safety.





## DXPEDITIONS, CONTESTS & QSO PARTIES



Weekly Commentary on the Sun, the Magnetosphere, and the Earth's Ionosphere - February 27, 2025, by F. K. Janda, OK1HH:  
 "Solar activity is now increasing, but the increase is irregular, which causes, among other things, a decrease in the reliability of forecasts. Geomagnetically quiet periods, especially when associated with an increase in total solar activity (such as 20-23 February), are accompanied by improved conditions for ionospheric radio wave propagation. A subsequent disturbance can cause even further improvement (which happened on 24 February)."

- HF STUFF**
- Novice Rig Roundup**  
0000Z, Mar 8 to 2359Z, Mar 16
  - EA PSK63 Contest**  
1200Z, Mar 8 to 1200Z, Mar 9
  - YOTA Contest**  
1000Z-2159Z, Mar 9
  - Wisconsin QSO Party**  
1800Z, Mar 9 to 0100Z, Mar 10
  - Virginia QSO Party**  
1400Z, Mar 15 to 0400Z, Mar 16 and 1200Z-2400Z, Mar 16
  - North American SSB Sprint Contest**  
0000Z-0400Z, Mar 23
  - CQ WW WPX Contest, SSB**  
0000Z, Mar 29 to 2359Z, Mar 30
  - Sasquatch Stomp**  
1900Z, Mar 28 to 0300Z, Mar 29

Transponder/Repeater active	Telemetry/Beacon only	No signal	Conflicting reports	ISS Crew (Voice) Active		
Name	Mar 2	Mar 1	Feb 28	Feb 27	Feb 26	Feb 25
AO-123	12	172111	1	4	12	11
AO-27						
AO-73	1	3	1	1	1	1
AO-7(A)	2	11				
AO-7(B)	221	1	31	11	11	11
AO-91	121	1	1	21	2	11
CAS-4B				1		
FO-29	11	1	1	2		1
HO-113		1				1
IO-86	2	1	1	2		
ISS-DATA	1	1	1	13	11	2
ISS-FM	231	211	1	52621	33231	361541
ISS-SSTV						
JO-97	1121	2211	1	2	13	23
MO-122	114	1	1	1	1	1
PO-101(FM)	1	1	1	1	1	1
QO-100 NB	1	231111	1	4	33	1
RS-44	3223	138531	13123	13551	12115	3412712



Antenna Farm

**MARC VE Sessions**  
 MARC hosts a VE License Exam Session on the second Saturday of each month starting at 9:00 AM local time at the OEM at 143 Hope Hill Road, Wallingford CT.  
 Appointments are not necessary. For more information, contact Jim N1ZN at [N1ZN@arri.net](mailto:N1ZN@arri.net)



W1NRG Weekly Net Schedule

<b>MON</b>	<b>NEW HAVEN/MIDDLESEX SKYWARN NET</b> 7:00 PM, W1NRG/R 147.360 + 162.2 HZ CTCSS <b>6 METER SSB NET</b> 8:00 PM, 50.175 MHZ USB
<b>TUE</b>	<b>2 METER FM NET</b> 7:00 PM, W1NRG/R 147.360 + 162.2 HZ CTCSS <b>10 METER 10-10 CASTLE CRAIG NET</b> 8:00 PM 28.375 MHZ USB
<b>WED</b>	<b>JUST PUSH THE BUTTON NET</b> 7:00 PM, W1NRG/R 147.360 + 162.2 HZ CTCSS
<b>SAT</b>	<b>COFFEE CUP NET</b> 9:00 AM, W1NRG/R 147.360 + 162.2 HZ CTCSS
<b>SUN</b>	<b>ELMER NET</b> 7:30 PM VIA ZOOM. LOG IN CREDENTIALS IN W1NRG WEBSITE MEMBERS AREA.

COME TO THE OEM AT 143 HOPE HILL ROAD ON SATURDAY MORNINGS FOR THE CLUB WEEKLY OPEN HOUSE. JOIN US STARTING AT 9:00 AM AND MEET FELLOW CLUB MEMBERS IN A SOCIAL SETTING AND PARTICIPATE IN VARIOUS RADIO ACTIVITIES.



**Dx News**  
 DX News. Preferred source of Ham Radio News, DX Peditions, video, articles, images for DXers.  
[dxnews.com](http://dxnews.com)



**Parks on the Air | POTA | Parks program for amateur radio.**  
 Parks program for amateur radio, also known as Parks on the Air (POTA), including a map and list of...  
 POTA

# IN THE COMMUNITY

Ray WA1FFT has been working tirelessly to advocate for our veterans, refusing to give up despite setbacks caused by the current government situation. He has been actively reaching out to our State Senators and Representative Rosa DeLauro, pushing for the support our veterans deserve.

Now, he needs your help. Together, we can ensure these veterans receive the resources, training, and community they need through amateur radio. They fought for us—now it's our turn to fight for them.

Join us in this effort by volunteering, donating, or reaching out to lawmakers. Let's show our veterans that are supported and welcomed home.



If you'd like to contribute to the purchase of ARRL Technician Class Study Guides for veterans, you can donate in the following ways:

- PayPal: Use the club's [PayPal account](#).
- Check: Mail a check to MARC at P.O. Box 583, Meriden, CT 06450.
- In-Person: Hand cash to Rick KC1OYN at a club meeting.

Please be sure to indicate that your donation is for the Technician Study Guides so we can allocate your contribution accordingly. If you need a receipt for tax deductions one will be provided on request. Thank you for helping us support our veterans!

## MARC SCHOLARSHIP

The Meriden Amateur Radio Club (MARC) is pleased to announce its 2025 Frank Darmofalski Memorial Scholarship. The scholarship was created in 2006 to honor one of the club's founders, Frank Darmofalski (W1FD), and awards a deserving club family member, or a Meriden or Wallingford High School senior who will be attending an institution of higher learning upon graduation. The amount of the scholarship in 2025 is \$1,000.00.

Visit [W1NRG.com](http://W1NRG.com) - [Click Here](#) - for more information and application.





## OPERATING W1AW

By Ted KC1DOY



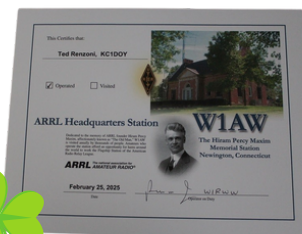
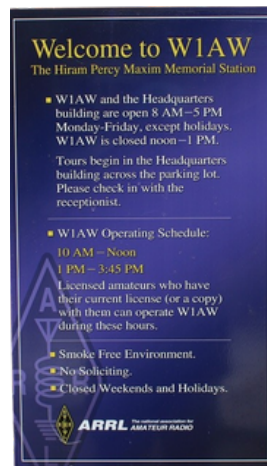
Bob W1RWW, Ted KC1DOY

On Saturday, 22 February, Bob W1RWW told us that he volunteers at the Hiram Percy Maxim Memorial Station at ARRL Headquarters in Newington and invited anyone interested to visit and get a chance to operate from W1AW. I saw this as a wonderful opportunity so I arrived at ARRL Headquarters on Tuesday the 25th, ready to call CQ W1AW.

Bob, a MARC member, was a great host and gave me a general tour of the station. It was an honor to operate W1AW and I made contacts on 10 and

20 meters SSB. The conditions weren't ideal that morning with considerable QSB. Even so, it was great to operate their equipment, a Yaesu FT DX-5000, 800 watts through a beam antenna, a far cry from my own 100 watts OCFD.

We also spent a lot of time just talking about radio and other things. I was surprised that no one else was there at the time (Bob volunteers Tuesdays from 10:00 to 12:00) but it was also nice having it all to myself! The station is open at other times as well (see photo) so don't miss a chance to see and operate from W1AW.



## A DIY LOW COST FOX

Many of us at MARC enjoy foxhunting, and there are commercially available "fox boxes" for those who want to host a hunt or practice tracking a signal. As a ham who enjoys the challenge, I wanted to build my own low-cost, DIY fox transmitter using equipment I already had.

In looking around the shack, I realized I had an HT or 2 that I could purpose as the transmitter for the fox, and there have been many articles on building a board to make Baofeng foxes. I wanted to go even simpler, and dare I say cheaper (thrifter). With this in mind, I considered the options of:



By David KC1PEN

**Using IJV firmware on a UV-K5 HT:** This firmware supports a built-in CW beacon mode. IJV firmware worked, but the CW audio was poor—scratchy and unclear—making it difficult for hunters to track signal clarity as they got closer.

**Using an MP3 player with a wired connection:** The MP3 player would play pre-recorded messages, sending audio via a cable to the HT's headset jack, with the HT set to VOX (voice-activated transmission). The wired MP3 setup didn't work well with CW recordings.

**Using an MP3 player with its built-in speaker:** The MP3 player would sit directly on top of the HT, playing audio through its own speaker while the HT, set to VOX, transmitted the signal. The MP3 player with built-in speaker (Option 3) worked best! It was reliable, simple, and required no extra wiring.



The MP3 player adds even more flexibility. I can record custom messages, generate CW signals using online tools like [LCWO.net](http://LCWO.net), or add some deviousness to the transmission. Since the MP3 player can loop tracks randomly, I can even introduce silent gaps or varying audio levels to throw off hunters' perception of signal strength.

With this setup, I've created a low-cost, adaptable fox transmitter that keeps the fun and challenge of the hunt alive—all while saving money and adding a little extra unpredictability to our MARC foxhunts.

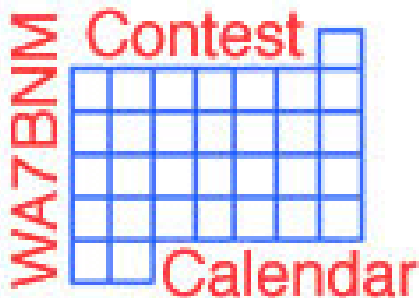


## WHAT'S ALL THIS CONTESTING STUFF?

By Steve KC1SA

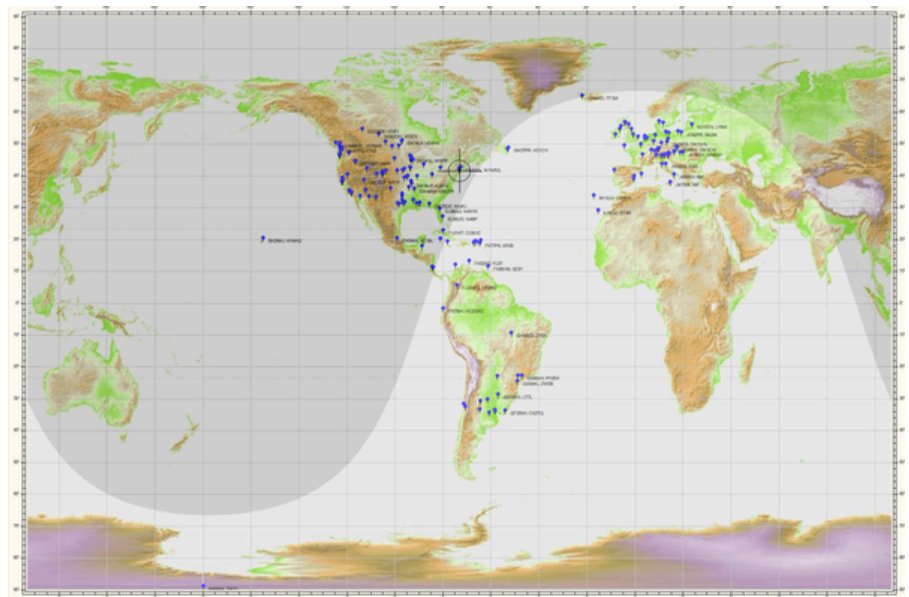
Contesting is an excellent way to practice your radio skills. Much like passing traffic on one of the many radio nets out there or hunting down POTA folks, contesting lets you hone your listening and radio operating skills. Most contests have a simple set of rules where you must record the call sign and some specific information the contest requires. The added information you collect could be as simple as a signal report, which most folks simply reply "59" or "599". The recent WW DX CW contest we had in North America required a signal report and the state you are operating in. The stations outside of North America had to give a signal report and the power they were transmitting. Other contests get more convoluted where you can exchange QTCs which are basically lists of QSOs you've had before contacting the current QSO. Those contests are usually the WAE contests and those can make you pull your hair out but N1MM+ does make it easy.

There are quite a few logging software tools out there to help with contesting, but N1MM+ is hard to beat. N1MM+ is free and updated quite often to make sure the software is always running smoothly. The software interfaces very well with most modern radios and even with some older radios too. The software supports most all contests and QSO parties and if you don't see it in the pick list you can search on the internet and most likely you will find the plug in for the missing contest.

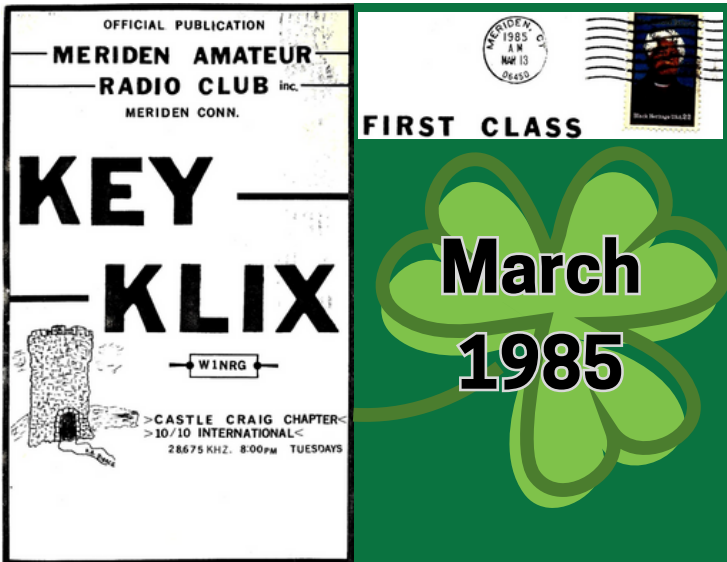


If you are trying to figure out what contests are available, the <https://www.contestcalendar.com/> site is a good stopping off point. I generally click on the 8-day selection and most weekends I will find a contest that I'll try my hand at. This week we've got CW, SSB, and RTTY contests all happening beginning Friday night (technically Saturday UTC time). For those learning CW or just want to be challenged, there is the CWops Test every Wednesday. This is a short 1 hour or so skill test to copy call sign, number/name and reply back the same. This is a fast group of folks, many sending at 30+ WPM.

I encourage all MARC members to join at least one contest each month. Some are long capturing an entire weekend however some are short like CTW, QSO parties, and Sprints. If you having a hard time getting started, put a note on Discord under the contesting area. MARC has some very experienced contesting folks that will certainly help you out. I look forward to hearing call signs from MARC on the air contesting.







THE KEY KLIX IS PUBLISHED MONTHLY BY THE MERIDEN AMATEUR RADIO CLUB  
 CLUB OFFICERS:

PRESIDENT	AL BARON	KT1Y
VICE PRESIDENT	JOHN MULEY	KAIJEJ
SECRETARY	DAVE BRISTOL	KS1K
TREASURER	KEITH MOORE	KA1FSO
STATION TRUSTEE	FRANK DARMOFALSKI	W1FD
STATION ACT. MGR.	AL KAISER	NI1PI
EDITOR	GARY POWELL	KB1IZ

MEETINGS OF THE MERIDEN AMATEUR RADIO CLUB ARE HELD THE SECOND AND FOURTH THURSDAYS OF THE MONTH. ALL ARE WELCOME TO ATTEND  
 THE CLUB / CASTLE CRAIG 10-10 INT. NET IS HELD WEEKLY ON TUESDAY NIGHTS AT 8:00 PM LOCAL TIME (0100 Z WINTER / 0000 Z SUMMER) ON A FREQUENCY OF 28.675 MHZ. ALL AMATEURS ARE INVITED TO CHECK IN

**SUBMISSION INFORMATION**  
 ARTICLES ARE WELCOME FROM THE MEMBERSHIP. SHORT ARTICLES MAY BE HAND WRITTEN (LEGIBLY) AND I WILL TYPE. LONGER ARTICLES SHOULD BE TYPED SINGLE SPACED. BLACK AND WHITE PHOTOS ARE ACCEPTABLE BUT THOSE WITH LITTLE CONTRAST WILL NOT REPRODUCE WELL.

THE OLD AND ORIGINAL MERIDEN AMATEUR RADIO CLUB WAS ORGANIZED SOME TIME AFTER WORLD WAR I BY MEMBERS OF THE OLD CONN. TELEPHONE AND ELECTRIC CO.. MEETINGS OF THE GROUP WERE HELD AT THE COMPANY FACILITIES ON BRITANIA STREET WHERE MANY WIRE ANTENNAS DECKED THE ROOFTOP. EXPERIMENTS AND COMMUNICATIONS WITH RECEIVERS AND TRANSMITTERS CONSTRUCTED BY THE CLUB MEMBERS LAID THE GROUNDWORK FOR AMATEUR RADIO IN MERIDEN.

TODAY'S NEW MERIDEN AMATEUR RADIO CLUB SPRANG UP IN THE FALL OF 1947 FOLLOWING A NEED OF THE AMATEUR COMMUNITY FOR ORGANIZATION FOLLOWING THE SHUTDOWN OF HAM RADIO DURING THE WORLD WAR II YEARS.

IN RESPONSE TO A NEWSPAPER ARTICLE CALLING AREA RADIO AMATEURS TO A MEETING AT THE MERIDEN YMCA A SERIES OF INFORMAL MEETINGS WITH ABOUT TEN FORMED THE NUCLEUS OF THE PRESENT M.A.R.C.. SUBSEQUENT MEETINGS CULMINATED TO A FORMAL SLATE OF OFFICERS AND A CLUB NAME.

A SERIES OF ARTICLES TAKEN FROM EARLY MINUTES OF THE M.A.R.C. WILL BE PUBLISHED TO INFORM US OF HAPPENINGS DURING THE EARLY DAYS OF THE "FIRST 37 YEARS".

FEB 29, 1948.

AN ELECTION OF OFFICERS ( OF THE MERIDEN AMATEUR RADIO CLUB) WAS HELD WITH THE FOLLOWING BEING ELECTED:

PRES.	FRANK DARMOFALSKI	-	W1FYG
V.PRES.	HOWARD WESSENBERG	-	W1HVF
SEC.	HERB ELLMERS	-	W1QPD
TRES.	ED BISHERT	-	W1NRG

This month's Legacy Klix featured some fascinating history about MARC's early days. The original M.A.R.C. was organized sometime after World War I by members of the Connecticut Telephone & Electric Company. Meetings were held at the company facilities on Britannia Street, where wire antennas covered the rooftops.

Following the shutdown of amateur radio during World War II, the Meriden Amateur Radio Club was officially formed in the Fall of 1947, marking the beginning of the club as we know it today.

You can find the full edition in our archive on [W1NRG.com](http://W1NRG.com)

[Key Klix - March 1985](#)



THE MERIDEN AMATEUR RADIO CLUB HAS A LONG, VAST, AND GROWING HISTORY. EACH MONTH A HISTORIC ARTICLE FROM OUR KEY KLIX ARCHIVE WILL BE FEATURED.  
 ORIGINAL EDITOR OF THIS EDITION BY GARY WK1IZ  
 SELECTION OF THIS MONTH'S LEGACY BY DAVE K1WJL

# EDITOR'S PAGE

As winter finally loosens its grip, there's a tangible buzz of excitement in the air. Ham operators everywhere are emerging from their shacks, eager to soak up the warmth of spring and get back on the air. With the frost melting away, it's the perfect time to dust off our equipment, unfurl our antennas, and embrace the season of renewal.

Spring is a time of new beginnings, and for amateur radio operators, that means projects, outdoor operations, and antenna upgrades. After months of being cooped up inside, braving the cold with indoor builds and late-night QSOs, we can finally take advantage of longer daylight hours and warmer weather to get outside and make improvements.

For those who enjoy operating in the great outdoors, POTA (Parks on the Air) season is in full swing! The warming weather means more opportunities to activate parks, enjoy nature, and make great contacts worldwide. Whether you're logging QSOs from a mountaintop or a picnic table at your favorite state park, there's nothing quite like combining fresh air, radio waves, and friendship.

Spring isn't just about warmer weather; it's about fresh opportunities for contacts and experimentation. As we raise our antennas, we also raise our spirits, connecting with friends on the air and reaching out to new operators. Every signal transmitted is a celebration of the season—a chorus of voices, Morse code, and digital chatter that fills the airwaves with life and energy.

So here's to spring: the season of growth, new beginnings, and vibrant on-air activity. Let's celebrate by getting outside, raising our antennas high, and making the most of this renewed energy. The great outdoors awaits, and the airwaves are calling—it's time to spring into action!

Key Klix is your newsletter—created by and for the members of the Meriden Amateur Radio Club. With such a large and active group, we encourage you to share your passions, experiences, and accomplishments with the rest of the club!

Please ensure your submissions are relevant to MARC activities or your personal ham radio journey. Including pictures is always a great idea—they help bring your story to life and engage readers. Send your articles and photos to [KeyKlix@w1nrg.com](mailto:KeyKlix@w1nrg.com)

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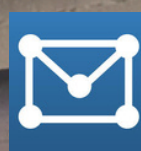
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## WELCOMING THIS MONTH

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KC1WHD CRAIG  
KC1WDZ MIKE

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