

# MERIDEN AMATEUR RADIO CLUB

# KEY KLIX

## AUGUST 2022

PRES W1YSM ED SNYDER VP KB1JL ERIC OLSSON SECT N1BRL BART TOFTNESS  
TRES K1WJL DAVE SWEDOCK S.A.M. K1RCT ROB CICHON

WEBSITE WWW.W1NRG.COM OFFICIAL MAILING ADDRESS,  
MERIDEN AMATEUR RADIO CLUB, POB 583, MERIDEN CT 06450

ALL "IN PERSON" BUSINESS AND ACTIVITY MEETINGS ARE CURRENTLY POSTPONED AT THE EOC HOPE HILL FIREHOUSE, 143 HOPE HILL ROAD, WALLINGFORD, ZOOM MEETINGS CONTINUE UNTIL AT LEAST SEPTEMBER AND THEN HOPEFULLY WILL BE OFFERED IN A HYBRID MODE.(CONCURRENTLY).

**THE SATURDAY MORNING SESSIONS ARE BACK IN FULL OPERATION.**

KEY KLIX EDITOR DAVE SWEDOCK K1WJL  
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## HAPPY 75TH ANNIVERSARY MERIDEN AMATEUR RADIO CLUB

Congratulations and welcome to our newest members that were voted in at the July business meeting.

Bill Green KA1BED, Eric Barbour KC1RLQ, Richard DeWick KC1OCS,  
Andrew Olsson K4AVM, David Sack K1DMS, John Lujic KC1NRD,  
Michael Berube KC1MJZ, Nancy /Storm Murrell KC3UKG.  
and returning member Kenth Astrom, W1JKP.

VE SESSIONS AT THE OEC, 143 HOPE HILL ROAD, WALINGFORD.  
EVERY 2ND SATURDAY, NEXT ONE IS SATURDAY AUGUST 13TH

NEXT ACTIVITY MEETING IS ON THURSDAY AUGUST 25TH, 7:30PM ON ZOOM  
HISTORY OF THE MARC PART I BY K1WJL & WA1TRY  
PART II WILL BE ON THURSDAY SEPT 22, 7:30PM ON ZOOM BY K1WJL & WA1TRY



**Hi Friends. John Bee N1GNV here, invited to prepare a column at the request of our esteemed President Ed W1YSM.**

I often see online or hear at Hamfests how “Hams are a bunch of old men” or “We’re not attracting any young people”. I suppose much of the validity of those statements depends on your definitions of young and old.

Nor is this a new complaint. Note the dates on these two quotes from Ham Magazines:

*Amateur radio needs new blood and too many youngsters never even heard of ham radio... What we need is lots more teenagers raising the roof at hamfests and ... shuttling around all the bands.*

**CQ Magazine August 1948.**

*Amateur radio is growing older, more mature. It has long been more than just a hobby for the youngsters: it has now gotten well beyond their reach (in terms of cost and complexity).*

**QST Magazine May 1938.**

Just out of idle curiosity – maybe I have too much time on my hands? – I took a look at the latest MARC roster, published in the July KK. Much to my surprise, of the current 133 members, I counted 71 Regular, 59 Seniors, 2 Youth and 1 Life.

That’s well less than half under 65. Is this representative of Ham Clubs overall? Statistics are nearly impossible to find, but I tend to think we’re doing better in this respect than most clubs. So the question becomes “why do we stand out”?

Two things come to mind. First, as Ed has documented so well, we offer an exceptionally broad range of ongoing activities and interests. An old friend of mine often said that there are 30 different kinds of Ham Radio. I think we’ve got about 25 of them covered.

More importantly, we’re a very welcoming club. When a new Ham, or a new-to-us Ham, shows up we invariably encourage them into the fold. I’ve heard way too many stories of new Hams attending a local club meeting, only to be virtually ignored by the grumpy old men in attendance. I don’t know about you, but that’s not a club I’d want to join. In contrast, we’re quick to extend a hand and to offer help and guidance to newcomers. That’s one of our great strengths. And also why we’re able to attract and retain so many “younger” Hams.

So when you hear and see the cranky old **folks** complaining about the death of Ham Radio, don’t you believe it. Ham Radio is doing just fine, thank you. And we can take pride in offering the proof.

73 for now – and have fun with Ham Radio!  
De John Bee, N1GNV

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# Secretary Report & Minutes of the Meriden Amateur Radio Club

**Bart Toftness N1BRL , Secretary**

## **BUSINESS MEETING JULY 14, 2022 ZOOM**

Meeting was called to order by President Ed Snyder, W1YSM at 19:30 EDT

Normal introductions were omitted as all attendees (37) are self-identified in 'Zoom' , K1RCT, KC1OYN, W1DQ, N1API, W1EDX, NR1B, N1BRL, N1LES, N1BRI, KE1AY, WB1GYZ, KB1JL, W1YSM, KC1KQH, K1VDF, KC1NQE, KC3UKG, K1JCF, AB1DQ, WV2LKM, KE1AU, N1GNV, KC1OYM, WB1DQT, K1LYP, K1STM, K1WJL, W1IKW, KC1DOY, W1BJG, KB1EHE, KB1IFZ, N1ZN, K1LHO, W3APC, K1TDO, KC1PBQ.

**Announcements** (W1YSM), Business Meeting will be on Zoom for August. Hybrid meetings are possible in September. Contact W1YSM for the second round of 75<sup>th</sup> Anniversary Coffee Cups. Business Cards/Membership Certificate available (N1BRL)

### **Secretary's Report** (N1BRL)

June business meeting minutes were approved by majority vote. 8 New member applications were each approved by majority vote, Bill Green, KA1BED, Eric Barbour KC1RLQ, Richard DeWick KC1OCS, Andrew Olsson K4AVM, David Sack, K1DMS, John Lujic KC1NRD, Michael Berube KC1MJZ, and Nancy /Storm Murrell KC3UKG. Kenth Astrom W1JKP is a returning member. No correspondence to report.

**Treasurer's Report** (K1WJL) was read by Dave K1WJL. The complete Treasure's report is available to members upon request.

**Station Manager's Report** (K1RCT) The Station Activity Manager rewired the station for Field Day, removing all the external tuners and installing sanitary keyboards to be COVID friendly. The club made 363 Field Day QSO's including 7 CW QRP. Members participated in the K2D Special Event recording 890 QSO's.

The full SAM report is available upon request.

**Entertainment/Activities**, Upcoming activities include; 28<sup>th</sup> July will be Lark In The Park at Marcus Cooke Park, August will be the history of MARC volume 1 and September will be history of MARC volume 2. November is Thanksgiving while December will be the year in review, the Christmas party and CQ Santa.

**Publicity and Technical /Interference** had nothing to report.

**Scholarship**, The W1FD Scholarship was awarded to Kalen Boman, a Sheehan High School student.

**Repeater Committee** The backup repeater is now stored in a gator box at the OEM. The documentation for both the primary and the backup repeaters are available and stored at the OEM.

**Other Activities**, Saturday/Sunday morning activities are returning to pre COVID levels. The CW class is progressing well with some members constructing 'Cricket' 40 meter single board QRP transceivers to polish their CW skills. The Diamond & Gold Challenge stats and awards are published on the club BBS. The club nets both on the air and on Zoom continue to be robust with the Castile Craig 10 Meter Net reporting a check-in from Ohio. The Summer QSO Party will have a kick off net on 10 meters, Friday 5 Aug 8:00PM. The next VE Session will be 13 August 2022. The 75<sup>th</sup> Anniversary Special Event Station Call W1N is scheduled for 1 Oct to 15 Oct. Contact K1RCT for details. The CERT Team members provided support for the town parade and have been requested for the Celebrate Wallingford event on the first and second of October.

**Nutmeg Hamfest**, The state convention will return on October 9 at the Best Western in North Haven following the COVID 19 hiatus. The associated VE Session will be held the day before (8 Oct.) at the OEM. MARC will co-sponsor the ARES Annual Symposium with SARA during the Nutmeg Hamfest.

**Big E** Sept 21 will be Connecticut Day at the Big E and MARC will coordinate staffing of the Amateur Radio Booth in the Better Living Center for the day. Contact Rick, KC1OYN for details of scheduling.

**ARRL Grant for Club Improvement – "MARCONI"**, Motivating Amateur Radio Clubs to Open New Initiatives has been submitted to the ARRL and we await a decision.

### **Voting Summary for the June meeting**

June meeting minutes were approved.

8 new members were each approved. Bill Green, KA1BED, Eric Barbour, KC1RLQ, Richard DeWick, KC1OCS, Andrew Olsson, K4AVM, David Sack, K1DMS, John Lujic, KC1NRD, Michael Berube KC1MJZ, and Nancy /Storm Murrell KC3UKG. Returning member Kenth Astrom, W1JKP was recognized.

Meeting was adjourned at 21:04

Respectfully submitted,

Bart Toftness, N1BRL



## LARK IN THE PARK

We had a perfect day for the 2022 Lark in the Park. The weather was great with low humidity and no rain. Even the mosquitos cooperated by staying away! (Probably hiding from Ed W1YSM and his infamous "electrified" bug zapper.... Great food provided as always by John Bee, N1GNV, kept the grill going with hot dogs, hamburgers and sausages . And of course the many side dishes, baked beans, potato salad, fresh fruit and an assortment of desserts kept us all well fed for the day. It was a fun, relaxing time and a most enjoyable Summer day.

Ted KC1DOY



The M.A.R.C. foxhunts never get old. Dave, NZ1J, set up in the parking lot of Lowe's in Wallingford and had a good following in pursuit. I ended up chasing a few reflections before I finally got a hit on the 10 mw signal which I traced to his location.

As you can see in the picture, we are all a bunch of happy hams!

Ted KC1DOY





**PVC Mount for the NL-770G 6dB GMRS or an Amateur 2M/440 Antenna  
Ray Irwin WA1FFT**

**Objective:** Build a SCH40 PVC mounting assembly, with ground plane, for the NAGOYA NE-770G 6dB antenna. For amateur bands, screw on your favorite 2 meter or 440cm antenna.

**Procedure:** A two-foot 1.25-inch diameter of SCH40 PVC from the local hardware store was cut into four pieces. Using a plastic cutting blade on my hand-held jig saw, I marked and then cut one eight inch, two six inch and one four-inch pieces. I assembled and used PVC cleaner and glue to assemble the pieces. To one 90-degree elbow and a Tee. See below picture. The end caps were not glued on as I'll be drilling

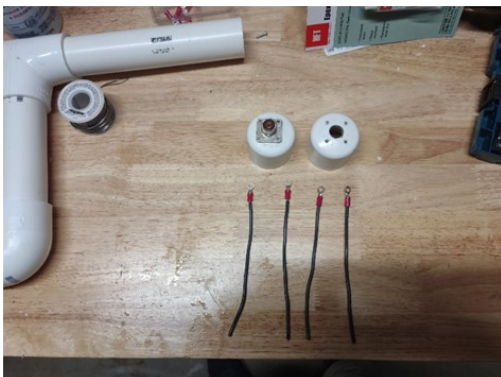


mounting holes for the SO-239 coax connectors and the #4-40 nuts and bolts that will hold the SO-239 to the end caps. In the center of two end caps, drill a one-half inch hole and one-eighth holes for the #4 bolts. I recommend first taking a rat file to increase the size of the one-half inch holes as the SO-239 center area is slightly larger than one-half inch. Holding the SO-239 on the top of the end cap, drill one each one eighty hole. Temporarily install a bolt that will provide a fixed guide to drill the other three holes.

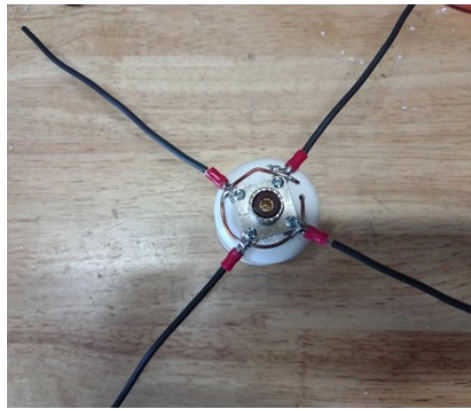


**Repeat the same for the second end cap.**

See the below picture of the bottom end cap that will be the coax connector to the antenna. To enhance the connection to the SO-239 ground, I attached two connectors with #12 copper wire. Inside the end cap I used a short piece of #12, tinned and bolted to one of the top bolts that also has the #12 wire attached. Tinning the wire ahead of time makes it much easier to solder the RG-8X outside braid to the SO-239 ground side. I used a pair of pliers to hold the nut while I tightened the nut. A friend holding the end cap while you tighten the bolt was a great help. A tip for getting the nut on the bolt, I set the bolt so it is flush with the inside of the end cap and with the help of a friend to use a screw driver to turn the bolt while I hold the nut.



**Next, I soldered four each, six-inch ground radials using the same lugs I got from Home Depot. I think they were 10 or 12 to a pack.**



See the approx. 1 and one-half inch piece of copper wire poking through the top end cap. Next I tinned that wire to make soldering the RG-8X outside braid to it.



I mounted the four lugs under the four corners of the SO-239 using more of the #4-40 hardware. A short piece of #12 copper wire was soldered to the top of three lugs. Leaving the lug at 4-O-Clock not soldered. I drilled a one-eighth hole between two of the ground radials and pushed the end of the copper wire through the hole and then soldered the last lug.



Next, I cut a nineteen-inch piece of RG-8X and on both ends, cut a 1.5-inch slit, separated the outside copper braiding and twisted it into a single strand. Slightly tinning the braid. Stripped a quarter inch of inside conductor on both ends, and tinned both. Should have had a picture of the coax, but murphy what on my shoulder that day in the hot garage. A soldered one end of the coax to the lower end cap that the coax will screw onto, (the one without the four ground plane wires.) I fed the other end through the PVC and with the help of a friend and a pencil soldering iron, attached the ground and center pin. The nineteen inches should give you about two to three inches of play to do the soldering. I did NOT glue the top and bottom end caps, just in case I needed to do a repair. Finally, I put a third end cap on the bottom of the support to prevent bees make the PVC their home. The finished product had a SWR of less than 1.5. The only end caps I could buy had rounded ends, so I put epoxy under the edges of both the upper and lower SO-239s.

Below is a picture of the finished product, with its temporary home. It was just way too hot this week to drop one of my Max -Gain push-up poles and install it up high, just under my Diamond Dual Band 2/440 antenna. Its lot easier to get those nuts on the bolts. Next to the antenna picture is the ARGENT Data Systems ADS-SR1 with the cable I made to connect to the KG-1000G.

73 and enjoy. Ray Irwin WA1FFT.



Congratulations to MARC Member Tyler N2RTS who has been helping the WY4RC Young Amateurs Radio Club put on their very first special event station! Read below for coverage by the ARRL on this event and how you can participate.

## Young Amateurs Radio Club to Host Inaugural Special Event

The Young Amateurs Radio Club (YARC) will host their first annual youth-organized special event from September 1 - 15, 2022. Using their call sign, WY4RC, the event is known as "Worked All YARC Zones (WAYZ)." Operators will be activating WY4RC stations from all 10 US call zones. Different awards are available for youth operators who activate a station, and for those who contact at least six WY4RC stations.

Any young amateur or club interested in operating during the event can find the rules and additional information at the [Young Amateurs Radio Club](http://www.yarc.world) website.

YARC, founded in 2017, is an international amateur radio club with a focus on promoting adoption and innovation in amateur radio among young people. In 2018 the club was officially recognized by the FCC as an official amateur radio club under the call sign WY4RC.

YARC has over 1,000 members on their Discord server as of 2022, and has been changing its structure to bring back community events and increase engagement. <https://yarc.world/index.php/events/2022/yarc-worked-all-yarc-zones-wayz-contest-event/>



## Cigar Box Radio

*Thinking Inside the Box*



Presented by AB1DQ, James M. Surprenant  
ARRL New England HamXposition  
Saturday August 27, 2022 11:00 AM



**WHO WAS HE IN HIS FORMER LIFE??**

# CLUB NEWS & VIEWS

DAY	TIME (ET)	BAND	FREQ (MHz)	NCS	NAME	TYPE	WHEN
MONDAY	2000 – 2100	6M	50.175	N1ZN - JIM	6M NET	OPEN DISCUSSION	MONDAY
TUESDAY	1930 -2000	2M REPEATER	147.36 PL=162.2	K1TDO - TODD	2M NET	OPEN DISCUSSION	TUESDAY
	2000 – 2100	10M	28.375	K1VDF - JOHN	CASTLE CRAIG 10-10 INTL.	OPEN DISCUSSION	TUESDAY
WEDNESDAY	1900 – 2000	6M	50.175	VARIABLE	W1NRG OPEN DISCUSSION NET	OPEN DISCUSSION	WEDNESDAY
THURSDAY	1930 – 2030	2M and ZOOM	147.36 PL=162.2 *ID: 973 7062 5198 *Passcode: 889386	AB1DQ - JAMES	2M TECH NET	TECHNICAL/LECTURE	1 <sup>ST</sup> & 3 <sup>RD</sup> THURSDAY
	1930 – 2100	-	ZOOM	W1YSM – ED	MARC BUSINESS MTG	BUSINESS MEETING	2 <sup>ND</sup> THURSDAY
	1930 – 2100	ZOOM	*ID: 925 1153 2783 *Passcode: 000377	W1YSM – ED	MARC ACTIVITIES MTG	TECHNICAL/LECTURE	4 <sup>TH</sup> THURSDAY
FRIDAY	-	-	-	-	-	-	-
SATURDAY	0900 – 1000	2M REPEATER	147.36 PL=162.2	W1YSM – ED	COFFEE CUP NET	OPEN DISCUSSION	SATURDAY
	1100 - 1300	VARIABLE	VARIABLE	NZ1J – DAVID	FOX HUNT POTA/SOTA/OTA's	Tx Hunt Activations	SATURDAY
SUNDAY	1930 – 2030	ZOOM	*ID: 932 5667 9514 *Passcode: 686029	OPEN	ELMER'S SHACK	NEW HAM SUPPORT	SUNDAY
	OPEN SCHEDULE ~ 0800 – 1600	VARIABLE	VARIABLE	K1RCT- ROB	FIAB (FOX IN A BOX)	HIDDEN Tx Hunt	SUNDAY

\* values subject to change, see <http://www.w1nrg.com/website/index.html> for current values  
7/4/21 Rev 6

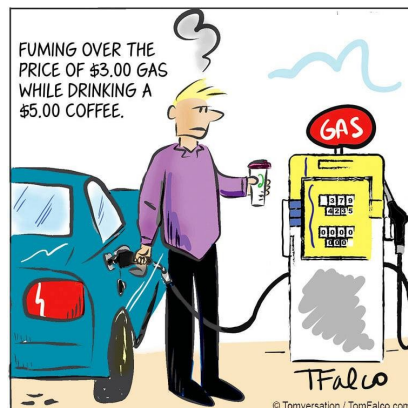
## THE 2022 NUTMEGHAMFEST SUNDAY OCT 9TH AT THE BES WESTERN HOTEL IN NORTH HAVEN

Please save the date and plan for another great Hamfest with a great Fleamarket, seminars, and this year the Southington SARA will be hosting the 2022 CT ARES state convention at the Nutmeg Hamfest.

More info to follow.....

Brian Boccuzzi ex KC1OYM is now KØOZ (Cooz is now K(Zero) OZ) nice call...  
 John K1VDF has re-emerged on the low bands..nice to see you back....  
 Joe K1JCF has a new QTH, in Wallingford and is slowly getting ham station together.  
 John K1LYP is now a happy employee. Congrats .....

Jerry K1TGX is slowly selling off excess Ham Station equip & parts. Rumor is it is due to an upcoming QTH swap  
 Returning member Seth W1RPN rejoins us for this month...welcome back Seth



Pee on the electric fence they said . .  
It'll be fun they said . . . .





# KB1EHE & KB1IFZ REPORT IN FROM ARUBA

## Island Paradise + HF Contest = Ham Radio Bliss

Eric KB1EHE, Elsie KB1IFZ, and their aspiring ham friends Dave & Colleen had a fun time on their one-week DXpedition to Aruba. They worked with the DTZ (Aruba's FCC) to acquire the coveted P40HQ callsign, and they used it for the IARU HF World Championship contest. Elsie commented, "This is our fourth time operating this particular contest from Aruba. As we've experienced before, the inbound pileup is out of this world. Like drinking from a firehose. It's exhilarating." Eric said, "It's hard to have any more fun than this in ham radio. The icing on the cake is the couple days before and after the contest. In addition to lots of fresh seafood, snorkeling, and beach time, we wove in a fantastic sunset sail on a catamaran." Do they have any more travel plans in the works? "Absolutely," said Elsie. "Stay tuned."



## ON THE OPPOSITE SIDE OF THE POWER SPECTRUM



### ...running QRP.

We're having a blast this afternoon (July 24) connecting with various POTA sites and other stations, running just ~ 3 watts on battery and direct (no tuner) into our homebrew 20m Moxon wire beam (fishing poles on a flag pole). We broke through a pileup with Dicky Wood W5CBO who's running the other end of the power spectrum -- 1035 watts -- with an Acom 1000 (a \$3,600 linear). He was blown away when we told him we were running 3 watts. That was so cool! Here's a selfie of our outdoor fun: <https://photos.app.goo.gl/hE1vLXsfEFGiwzjS9> The pioneer of this particular QRP technology, DL2MAN, has given our uSDX rig the thumbs up for efficiency and well-within-FCC-regs for spurious emissions on 20m. So we're enjoying 20m with confidence. We've also purchased one of DL2MAN's / PE1NNZ's "official" (tr)uSDX versions, and we're looking forward to firing up the soldering iron for the construction.

Here's a superb video of a ham who did an on-air comparison of the uSDX, (tr)uSDX, and RS-918 rigs. Very interesting! <https://www.youtube.com/watch?v=stA-aFkSFms>

Another neat field test: <https://www.youtube.com/watch?v=7DBOZlpz6so>

And another thorough analysis, with menu settings, from a ham in Argentina (LU1COP) in Spanish -- but with English subtitles: <https://www.youtube.com/watch?v=GV1-eTkSs8c>



**SEPTEMBER 16TH TO OCT 2ND 2022**

**@The BIG E**

1305 Memorial Ave. West Springfield, MA 01089

phone: 413.737.2443 info@TheBigE.com

Meriden ARC is coordinating with other Connecticut Amateur Radio Clubs to fill the available volunteer spots for **Connecticut Day, Wednesday, Sept. 21**. We want to have a full slate of Connecticut Hams for this special day. Additionally, we want to extend to opportunity for any capable and willing Hams to fill available slots during the other 16 days of the Big E. Project Big E can succeed only if there is a sufficient number of volunteers who agree to participate in the event.

There are 2 six hour shifts per day (9:30 AM-4:00 PM & 3:30 PM-10:00 PM). With the hopes of 3 to 4 people in the booth at any given time.

Details to follow very soon.

Thanks  
Rick Becker  
KC1OYN

**FROM ERIC KNIGHT KB1EHE**

I was given the thumbs up on tonight's Project Big E meeting to mention the following: All ham radio operators (and up to three guests) can get free admission to The Big E on "Space Chat Day" upon presenting an official copy of their license.

Here's a snippet of information from the just-published <https://nediv.arrl.org/big-e-space-chat/> :

*Sometime during September 26-29, 2022, a select group of youths at The BIG E in West Springfield will have a once-in-a-lifetime opportunity to chat with an astronaut aboard the International Space Station (ISS) orbiting 260 miles above the Earth.*

*Along with them, hundreds of Big E attendees and spectators will be able to watch the live contact as it occurs from the Big E Arena. Updates will be posted at key locations throughout The BIG E or visit the Amateur radio booth (#103) inside Door 6 of the Better Living Center.*

*Free Admission on Space Chat Day!*

*BIG News from The BIG E! Amateur radio operators will be provided free admission to The BIG E on Space Chat Day. If you present an official copy of your FCC license at pedestrian gates 1A, 1B, 4, 5, 7 or 9A, you and up to three family members or friends can enter The BIG E fairgrounds free of charge. (You will need to pay for parking in the main Big E lot at Gate 9 or private neighborhood lots.)*

*Big E free admission for amateur radio operator and up to three guests (maximum 4 people) good on Space Chat Day only. Date (between 9/26 and 9/29) to be determined.*

*Official copy of FCC license to be presented to Gate Manager (also known as "Gate Captain") at Big E pedestrian gates 1A, 1B, 4, 5, 7 or 9A to receive free admission on Space Chat Day only.*

*Parking is not included.*

*Check out the Ham Radio Booth (#103, inside Door 6 of the Better Living Center) along with all the other fabulous exhibits at The BIG E; then, be part of and witness the exciting, live ARISS space station contact and astronaut Q&A in The BIG E Arena via Amateur Radio.*

*For instructions on downloading a copy of your FCC license, visit <http://www.arrl.org/obtain-license-copy>.*



Recently licensed MARC member Steve Rygiel KC1QWH is to be commended for his enthusiastic approach to placing a new operating event in motion. Taking POTA to a new level with “Masonic Lodges On The Air”.

Masonic Lodges on the air (MLota) contest on Saturday September 24  
It's like a POTA event but held at a Masonic Lodge.

Compass Lodge 9 (located at 50 N. Main Street Wallingford) will be host of the event. All are welcome to come by the lodge for this event, they need not be members. I have already received a special event call sign... “W9C” for use during the event.

We will be holding zoom meetings leading up to the event.

Questions can also be sent to me via email at: [KC1QWH@gmail.com](mailto:KC1QWH@gmail.com)

More info about the contest can be found at: [cqmorelight.com](http://cqmorelight.com)

Thank you,

--

73,

KC1QWH

Stephen Rygiel

And it comes with a commemorative  
QSL card designed by Steve KC1QWH



Day 78. Still no tomatoes.



**YOUR EDITOR K1WJL WAS VERY ENTHUSED WITH THE STORIES AND PIX'S FROM JAMES ABIDQ, JIM N1ZN AND OTHERS ON THE SUCCESS OF THEIR VEGETABLE GARDENS**

...

**SO HE THOUGHT HE WOULD GIVE IT A TRY BUT I GUESS HE DOES NOT HAVE THAT GREEN THUMB??????????**

# MERIDEN AMATEUR RADIO CLUB

## MEMBERSHIP ROSTER

AB1DQ	James Surprenant	22R	KC1OMP	Damian Fries	22S	N1YLN	Edward O'Lena	22R
AB1HB	Charlie Dudac	22S	KC1OSR	Gunnar Steinle	22R	N1YLO	Andy Fiertek	22R
AF1HS	Art Fregeau	22S	KC1OST	Bryon Heath	22R	N1ZN	Jim Savage	22S
K1DMS	Richard Stack	22S	KC1OYN	Ricky Becker	22R	N2RTS	Tyler Schroder	22R
K1JCF	Joe Farrell	23S	KC1OYR	Brent Moyer	22R	N2TAG	Dave Taglianetti	22R
K1LHO	Mike Ash	22S	KC1PBQ	Randy Rivest	22R	NR1B	Bill Huggins	22S
K1LYP	John Yusza	23S	KC1PEN	David Henry	22R	NZ1J	Dave Tipping	22R
K1MMK	Mike MacKennedy	23R	KC1PHK	Lincoln Nichols	Y	UT3UY	Anatoly Kirilenko	22R
K1MVM	Mike Macri	22S	KC1PSK	Todd Dibiasi	22R	W1AJK	Andrew Kazimer	22R
K1PET	Debbie Purchia	22R	KC1PXX	Dave Alfredson	22R	W1BOB	Bob Lobley	22R
K1RCT	Rob Cichon	23R	KC1QHO	Mike Beaudry	22R	W1DQ	John Elengo	22S
K1SCI	Stuart Isaacs	22R	KC1QLS	Ray Cirno	22S	W1EDX	Paul Stasieluk	22S
K1SOX	Brian Freeman	22R	KC1QQV	Gary Getrost	22R	W1IKW	Ian K. White	22R
K1STM	Anne West	22S	KC1QQW	Randy Whitehouse	22R	W1BJG	Judy Wilkins	22R
K1TDO	Todd Olsen	22R	KC1QWH	Steve Rygel	22R	W1JKP	Kent Astrom	23R
K1TGX	Jerry Molaver	23S	KC1RHB	Jared Martin	22R	W1LV	Steve Morley	22R
K1MTD	Mary Duval	22S	KC1RLQ	Eric Barbour		W1POP	Fred Liedke	22S
K1VDF	John Blevins	22S	KC1RBY	Sergio Frutuoso	22R	W1RCI	Ron Isaac Jr.	22R
K1WJL	Dave Swedock	22S	KC1TAD	Tom DiPinto	22R	W1RPN	Seth Kolasinski	22R
K4AVM	Andrew Olsson	22R	KC1PU	Bob Woodtke Jr.	22R	W1TK	Ron Wakefield	22R
K0OZ	Brian Boccuzzi	22R	KC1SA	Stephen Allen	22R	W1UFO	Mike Cei	23R
KA1BED	Bill Green		KC2MLH	Adam Castracane	22R	W1UKX	Greg Gherardi	22S
KA1KJV	Bob Trussell	22S	KC3UKG	Storm Murrell	22R	W1YSM	Ed Snyder	22R
KB1EHE	Eric Knight	22R	KE1AU	Robert Kaczor	22S	W2OFR	Marc Dickson	22R
KB1FYL	Bob Carruthers	22S	KE1AY	Donald Mitchell	23S	W3APC	James Cook	23S
KB1IFZ	Elsie Mathews	22R	KR1U	Bob Eslinger	22S	W90TW	Deb. Foss	22R
KB1JL	Eric Olsson	22S	KO4EEL	Tom Williams	22S	WA1EXA	Mark Petruzzi	22S
KB1LWS	Jeanne Gherardi	22S	KX1USA	Rob Messercola	22R	WA1FFT	Ray Irwin	22S
KB1MFU	John Ramadei	22R	N1AKN	Jeff Dwyer	22S	WA1JKR	John Rogus	22S
KB1TJD	Gainne Jenkins	22S	N1API	Al Kaiser	22S	WA1K	Jack Chapman	22R
KB1TMC	Clare O'Lena	22R	N1BF	Patrick Dionne	21R*	WA1SFH	Douglas Sharafanowich	22S
KB1TTV	Jonathan Martin	26R	N1BRI	Brian Beegan	22R	WA1TRY	Rich Aubin	L
KB1YFJ	Glen Couture	22S	N1BRL	Bart Toftness	23S	WA1ZVY	Jim Martin	28S
KC1DOY	Ted Renzoni	22S	N1FNE	Rod Lane	22R	WB1DQT	Bill Bacon	22R
KC1GMD	Ralph Ring	22R	N1GNV	John Bartscherer	22S	WB1GYZ	Bob Biancur	22S
KC1HDB	Jeff Martin	28R	N1GY	Geoff Haines	22S	WB8IMY	Steve Ford	22R
KC1HQX	Preston Byrne	22R	N1HCA	Susan South	22R	WJ1B	Harold Kramer	22S
KC1ISI	Kristin Olsson	22R	N1IBE	Wade Martell	22S	WV2LKM	Steve Waldmann	22S
KC1KQH	John Kasinskas	22S	N1JEO	Joel Curneal	22R	WY1U	Tim Mik	22R
KC1MJZ	Michael Berube	22R	N1LES	Joe Murray	22R		Greg Ravizza	22S
KC1NLE	Jose Rodriguez	22R	N1MOB	Dan David	22R		Spencer Rygiel..... Y	
KC1NQE	Shawn Warren	22R	N1OKF	Bob Parisi	22R		Ex KB1HEA Loreen Heavens.....	22R
KC1NRD	John Lujic	22S	N1OKR	Frank Ciccone	23S			
KC1NXP	Andrew Paolillo	22R	N1QYB	William Wilecki Jr.	22S			
KC1OCF	Karl Polak	22S	N1XXU	Andy Purchia	22R			
KC1OCS	Richard DeWick							
KC1OGL	Paul Randazzo	22R						

### MEMBERSHIP STATS

TOTAL MEMBERS..... 134

**WEBSITE:** (USE LOWERCASE)  
www.w1nrg.com

**FORUM / BBS:**  
www.w1nrg.com/forum/  
or go to website and follow links

**CASTLE CRAIG 10-10 WEBSITE:**  
go to www.w1nrg.com  
and follow the links

**CLUB REPEATER W1NRG/R**  
147.36MHZ +600 OFFSET  
TONE 162,2

### CLUB DUES STRUCTURE (JAN-DEC)

UP TO 64 YRS OF AGE--\$20/YR SENIOR DISCOUNT 65 & UP--\$15

ANY MEMBER WHO IS A LICENSED HAM, 18 & UNDER WILL BE GIVEN FREE DUES.

## MARC OFFICERS

**PRESIDENT**



W1YSM ED

**VICE PRES.**



KB1JL ERIC

**SECRETARY**



N1BRL BART

**TREASURER**



K1WJL DAVE

**STATION  
ACTIVITIES  
MANAGER**



K1RCT ROB