

MERIDEN AMATEUR RADIO CLUB

KEY KLIX

1947 - 2021

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

ALL MEETINGS ARE **NORMALLY** AT THE EOC HOPE HILL FIREHOUSE, 143 HOPE HILL ROAD, WALLINGFORD **HOWEVER THEY ARE SUSPENDED UNTIL FURTHER NOTICE**

KEY KLIX EDITOR DAVE SWEDOCK K1WJL DSWEDOCK@GMAIL.COM 203 235-8582

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



SEPTEMBER 2021



**YPOTA
YALE PROFESSOR
ON THE AIR**



OLD TEACHERS ON THE AIR





IT'S NOT JUST ABOUT THE NUMBERS

As amateur radio operators, we are very dependent on numbers for almost everything we do, from frequency determination to the length of a section of coax. Well, as President, there is an additional set of numbers I am concerned about – Membership Numbers. The number of club members is of course complicated. Some members are active, and many are inactive. Some join because they just want to belong to a club, while others become inactive as their interest in the hobby wanes. Why am I so fixated on the numbers? Well, I view those numbers as a barometer of how our club is doing. Are we, as a Club, providing added value to Hams in this Age of Covid? Are we providing opportunities to have interested Hams learn new activities and expand their role in amateur radio? It is hard to provide the face-to-face interactive aspects of a Club with a viral particle always looking over your shoulder waiting to jump into your nose.

As of today (Monday August 30, 2021) we plan to vote on three new members which would bring our total to about 116. This is double-edged sword. Lots of people are available to do stuff, but they mostly are interested in, and want to do, different things. Plus, we have no easily accessible meeting place available due to Covid. So, what do we do?

Thus far, we have done well with the basic Nets and Zoom meetings. Indeed, as we settle into late 2021 and look to 2022, it looks like hybrid (Zoom and in-person) meetings will become a standard. The Coffee Cup Net has been a great source of new members – I believe at least 5 Net check-ins have become members, including 2 from this Saturday. The Zoom-based Elmer-Net and Tech/Net have also attracted much attention and interest. So far, so good. Next, we have Fox Hunts and POTA activities. They are Covid-friendly (is this an oxymoron?) and well-attended. Between these two major Activities – Nets/Zooms and Fox/OTAs we are doing well. The next major member-oriented activity is the VE Session. Thanks to all who participate regularly, including Bart N1BRL, Jim N1ZN, Don KE1AY, John K1LYP, Jeff N1AKN, and Eric KB1JL. If I missed anyone else, let me know. Bart N1BRL has developed new materials to give to successful applicants when they leave, including a Membership application which so far has resulted in many new members. We also counsel those who did not pass, in the hope they will return, pass, and then join MARC. Also, MARC members participate in road race "Communication/Security", Town Celebrations and via WARG for CERT activations.

As the saying goes "What else ya' got?" We have had speakers/members suggesting various activities including: amateur radio/license classes for kids in middle school and high school, more interactions with scouts, balloon launches, EME, kit building classes, CW classes, antenna building classes, affiliation with Colleges (W1YU at Yale), contesting within our own membership (Diamond & Gold Challenge), contesting more actively in general, joining with other clubs for OTAs and Fox Hunts, etc. Knowing the MARC group as I do, presenting this restaurant menu of choices will result in some members picking and choosing what they are interested in doing. The question is who organizes, leads, and sustains the effort(s)? Dave NZ1J and of course, our ever active and involved SAM, Rob K1RCT have taken the lead on Fox Hunts. NZ1J also leads POTA events – along with Shawn KC1NQE. And what do I do? I sit in the virtual bleacher seats eating virtual popcorn (no virtual butter, thank you) and try to keep everyone moving the right direction. So, why do I focus on the numbers? Because 20 members some of whom appear to have a reliable pulse and blood pressure, who do not participate in meetings, activities and do not attract younger members--- do not a vibrant Club make. *In toto*, lots of members dabbling in whatever interests them, makes for a hugely enjoyable club – one that outsiders wish to become a part of. Not everyone W1YSM – me, included – like to Fox Hunt. But how many of you run a Club Net or SKYWARN Net, are a Net Control operator, or take traffic, like I do? Thus, I will continue to promote MARC and try to increase our membership roster.

Where do I stop? The Nashua Club we were told has 436 members of which 50 attend meetings. We have 118 members of which about 30-35 attend meetings. The Leadership Team will meet to review all the above ideas and bring new suggestions and thoughts to the membership for their input. MARC has a long way to go. But getting there is where the fun lies. Remember, Amateur Radio is an electronic journey, not a destination.

73,
Ed W1YSM
President, MARC

CLUB NEWS & VIEWS

Business Meeting ZOOM Thursday September 9th 7:30pm

The ZOOM meeting style will be maintained for the foreseeable future as although we have been cleared to have in-person meetings, the Covid Delta Variant seems to have a mind of its own. Please get vaccinated if you have not done so and please use masks. Stay safe...

Activity meeting ZOOM Thursday September 23rd 7:30PM

The Speaker for MARC's Activities Meeting on Thursday, September 23 at 7:30pm EDT will be: Tom Frenaye/K1KI ARRL Director Emeritus (also a candidate for NE District ARRL Director) Tom will speak "The NE QSO Party – Plans for 2022 and Opportunities for Growth" Please plan to attend via Zoom

New members

We welcome four new members who will be voted in this Thursday business meeting K1SOX Brian Freeman....., KC1PSK Todd Dibiasi.... KC1TAD TOM Dipinto & N2RTS TYLER Schroder. Welcome to the MARC.....

ARRL N.E. Director voting in process:

We have a three way vote as of this writing, K1VR Fred Hopengarten is the incumbent for re-election, challengers are AB1OC Fred Kememer and K1KI Tom Frenaye past director of the section. *Full ARRL members in the New England and Roanoke Divisions who are in good standing as of September 10, 2021, will be mailed a ballot by October 1, 2021. Completed ballots must be received at the designated PO Box on the envelope provided by noon Eastern Time on Friday, November 19, 2021.*

KEY ELECTION DATES

September 10, 2021: Full Members in Good Standing Verified

October 1, 2021: Ballots Mailed

November 19, 2021: Completed ballots due to designated PO Box by noon Eastern Time

Joel N1JEO offers a class on soldering if there is interest.

Joel N1JEO is offering a soldering class to Members. About a \$10 investment for a usable Battery Charge Monitor. On a Saturday sometime hence dependant on interest. Contact Joel if interested.

VE Sessions at the OEM... Next one is tentaviley set for Saturday Sept 11

We are back at the OEM for Saturday morning monthly VE Sessions... Covid restrictions are still in place until further notice so continue to wear those masks and social distancing....

WARG news



from Eric KB1JL

- On Saturday August 21, the CERT team was placed on stand by for possible shelter duty during Hurricane Henri. The storm turned east and landed near the RI border as a tropical storm, sparing our area severe storm damage, and leaving 4+" of rain. Activation was not needed.
- On Wednesday September 1, the remnants of Hurricane Ida paid CT a visit leaving 5+" of rain. We were again activated to stand by. Although much of the state was affected by the storm, activation in Wallingford again was not needed. Local Emergency management, our landlord at the OEM building, is hoping to put together another CERT class. this fall/winter. Club members interesting in signing onto CERT will have the opportunity to take the 8 session class. When deployed under Emergency Management, CERT volunteers are covered by state insurance.
- Interested members are encouraged to take the FEMA "Core 4" Incident Command courses, IS 100, IS 200, IS 700, IS 800. These courses are available online at the FEMA website. Courses are self study online, and include an open book test for each module to obtain certification. The four courses are prerequisites to take the CERT training class. Applicants will register for a FEMA ID.
<https://training.fema.gov/is/crslist.aspx>
- IS100 starts here:
<https://training.fema.gov/is/courseoverview.aspx?code=IS-100.c>
- More information on the CERT program is here:
<https://www.ready.gov/cert>



Secretary Report & Minutes of the Meriden Amateur Radio Club

Bart Toftness N1BRL , Secretary

AUGUST 12 , 2021 ZOOM BUSINESS MEETING

Meeting was called to order by President Ed Snyder, W1YSM at 19:31 EDT

Normal introductions were omitted as all attendees (29) are self-identified in 'Zoom' , K1RCT, N1BRL, N1API, W1DQ, K1JCF, N1LES, KC1DOY, N1GNV, KE1AU, WB1GYZ, WA1TRY, WV2LKM, N1ZN, WA1ZVY, KB1JL, NZ1J, W1EDX, KC1OYN, W1YSM, K1WJL, KC1SA, KC1KQH, K1LHO, K1STM, KC1POL, N1JEO, W3APC, K1LYP, N1XXU.

Announcements (W1YSM), we are now at full open for use of the OEM building including use of the radio station. Social distancing and wearing of mask continues to be required inside by those who are not fully vaccinated. Lark in the Park was well attended at Marcus Cook Park. The summer/fall flea market has been cancelled. The Christmas Dinner at Serafino's will be the 2nd Thursday of December if we go forward. KB1JL and KC1DOY will proceed with the plaque for the CW Station and ceremony in memory of W1KKF. The Big E and Nutfest are coming in 2022.

W8ZY inquired if MARC would be interested in participating as a Beta test site for new ideas to make clubs better.

Secretary's Report (N1BRL) July meeting minutes were approved by majority vote. Three new or returning applicants (N1JEO, KC1POL, N1XXU) were presented and each approved by majority vote. Longtime 30 year member and club Librarian Steve Waldmann, WV2LKM is moving to Florida and we hope he will continue to attend meetings and online activities.

Treasurer's Report (K1WJL) was read by Dave. Details are available from Dave upon request. A vote to approve reimbursement for Lark in the Park food expenses was approved without objection.

The complete Treasure's report is available to members upon request.

Station Manager's Report (K1RCT) some of the items in the SAM Report were: replacement of the FT950 finals was completed, inspection and tune up of the club repeater was completed and there was one activation of the club call sign at Wharton Brook State Park as part of a Parks On The Air.

The SAM report is available upon request.

Standing Committees and working groups

Entertainment/Activities, -W1YSM presented the list of speakers for the next several activities meetings which include AB1OC, W8ZY and W3APC.

Technical, K1RCT had no interference to report.

Scholarship, The scholarship was awarded and nothing new to report.

Publicity, - No report.

Repeater, - Repeater committee conducted a site visit and did some minor adjustments to the repeater. Output power is 75 W. There is no storage space available there for backup equipment. It was also noted that the posted license needs to be updated with the current trustee license.

Other Activities, NZ1J reports a core group of hunters go out each weekend for the fox hunts but with the re-opening of the OEC and resumption of Saturday morning activities the fox hunts will be on Sunday. Many club members are active in Parks On The Air both as Hunters and Activators. Joint activations are encouraged. Many club members will activate FireWorks Island on 28 August as part of the US Islands special event.

An annual intra-club QSO contest is being developed by KC1SA. Details to follow.

Club Nets, All the nets continue without new developments.

Castle Craig, 10-10 Summer QSO Party was not a total loss and if you participated please submit your logs for Castle Craig by 16 Aug. N1API will submit details of the 40th anniversary of Castle Craig 10 10 event to Key Klix and also to the 10 10 newsletter.

Instruction VE /Training, The next VE session will be on 14 August.

WARG/EMCOM/Aux Com, Eric KB1JL announced there will be a CERT swearing in on Sept. 9 and classes have been delayed because of COVID.

New Business, A date for CQ Santa event has not been set yet. KC1POL and KC1ISI will coordinate with the town Parks & Rec. Department to support Masters Manna. MARC 75th Celebration Dinner will be in April or May of 2022. Last year's voting method will again be utilized for this year's club elections. Update your email contact address with the club ASAP. K1WJL and WA1TRY are compiling a historical record of past officers and important contributing members.

W1YSM has a supply of promotional materials including club logos, pencils, magnets, crayons and coloring books to be handed out at club events. A motion to reimburse W1YSM in the amount of \$520.35 was followed by a discussion with many points on either side. The motion was eventually tabled.

Following the departure of the club librarian, K1LHO volunteered to assume the position and was appointed by the President.

W1YSM presented a concept to explore a loose affiliation with the Yale Radio Club, W1YU. The radio astronomy group has expertise in EME and balloons which could be of interest to our club members.

Voting Summary for the August meeting

July meeting minutes were approval.

3 New members were affirmed by majority without dissent.

\$117 reimbursement to N1GNV for Lark in the park food was approved by majority vote.

Meeting was adjourned at 21:09

Respectfully submitted,
Bart Toftness, N1BRL



Teacher Arrested At Meriden Markham International Airport

A high school teacher, Mr. Matt A. Matix was arrested today at Meriden Markham International Airport as he attempted to board a flight while in possession of a ruler, a protractor, a compass, a slide-rule and a calculator.

At a press conference, Airport Security Chief Dudley DoRight said he believes the man is a member of the notorious extremist Al-Geebra movement.

he said Mr. Matix has been charged by the NPN(Office of Non-Primary Numbers) with carrying weapons of math's instruction. 'Al-Geebra is a problem for us', the chief said. 'They derive solutions by means and extremes, and sometimes go off on tangents in search of absolute values.' They use secret code names like "X" and "Y" and refer to themselves as "unknowns"; but we have determined that they belong to a common denominator of the axis of medieval with coordinates in every country. As the Greek philosopher Isosceles used to say, "There are three sides to every triangle." When asked to comment on the arrest, Chief DoRight said, "If God had wanted us to have better weapons of math's instruction, He would have given us more fingers and toes." Fellow Liberal colleagues told reporters they could not recall a more intelligent or profound statement by any Police Chief, but the Radio station KF0X claimed once again this is fake news.



WV2LKM

STEVE WALDMAN



Steve Waldmann, WV2LKM, born in Queens, NY; at age 4 moved with his family to a 900 acre farm in German, NY; where, as a boy, readily adapted to the rigors of farm life. He was given evermore responsibilities as he matured and came to enjoy farming lifestyle. He'd rise at 0430 to milk cows (twice daily) feed 1500 chickens, and according to season do sundry farm related tasks, such as, sawing logs, selling timber, collecting maple syrup; a seemingly endless list. He doesn't regret farm life and feels that it was a healthy and fulfilling experience. Steve fondly recalled a quirk of their 1936 hand-crank tractor: "If it didn't start by the third try... watch out - it would kickback on the fourth attempt with enough snap to cause hand injury."

One day, while tinkering with an old Emerson radio Steve heard what he thought was Morse code at the fringe end of its tuning range. He then became intrigued with the idea of learning code, and so, ordered phono records for self-study. Afterward, he met a neighbor who held a General class amateur radio license. That neighbor offered to Elmer Steve, and by age 16 he became a Novice class operator. His first station consisted of a Hallicrafters S-85 receiver and Knight 350 crystal controlled 50 watt CW transmitter, and an end-fed wire antenna. He also enjoys collecting and restoring home radios that date from the 1920's.

Steve credits ham radio and technical schools for a change in employment. He has also worked as a supervisory electrician at Barden Corporation, a name formed by consolidation of Barth and Norden Corporations. He maintained CNC machines and other equipment for producing high precision bearings with repeatability of 2/10,000th inch, tolerances required for the Mars and Venus landers. Steve said that such critical components can be affected by simply breathing near them. His father was a tool and die maker who worked on the eyepiece for the Norden bombsight during WWII. Steve also mentioned that that bombsight contained 1300 bearings and incorporated self-destruct explosives.

On a visit to his former home in Union, NJ in 1961, he became acquainted with Aline, the girl next door; they've now been happily married 57 years. They have two daughters, six grandchildren, and one great grandchild. Steve and Aline are now in process of moving to St. Augustine, FL

FIREWORKS ISLAND ON THE AIR

ANOTHER DX-PEDITION TO A REMOTE ISLAND INSIDE WALLINGFORDS NOTORIUS QUINNIPAC RIVER IT'S SO DANGEROUS YOU "MUST" DRIVE, YOU CANNOT WALK!

M.A.R.C. members took advantage of the US Islands on the Air QSO party, Saturday, 28 August 2021, to activate Fireworks Island in Wallingford. It was a good turnout with comfortable weather. Coffee, donuts and cookies were available as well. QSO's were made on multiple bands using CW, SSB and FT8 with good results. Antennas ranged from Buddipoles to verticals. Power was supplied by both batteries and a portable generator.

As an extra bonus, one fellow who asked what we were doing happened to be into shortwave listening and asked about joining the club so we may be gaining a new member as well! If he needs a mentor to help him get his technician's license, he came to the right place!

FINAL TALLY SHEET IS ON PAGE 11







**FOX HUNTS—PARKS—PEAKS—ISLANDS—PARKING LOTS—TRAILS—
ANYTHING ON THE AIR**

DAVE TIPPING NZ1J



FOX HUNTS

KC1SA



met up with David NZ1J at Blackrock State Park around 9am and working all the bands with him – including 30 meters. It was my first time even touching a keyer, but with David’s help of writing out the dashes and dits of what I need to send and listen for, it was a great experience. After that I went a few miles up the road in Morris to Camp Columbia – a very nice flowering meadow with a loop trail. I activated from the back of my vehicle in the parking lot after an easy setup. I made 10 contacts in under 6 minutes – after working park -to-park with David on 7 bands, I caught two operators doing a 2fer. 2 parks with 46 contacts total. Besides David NZ1J, I was not able to pick up anyone local. Most of the contacts were Ohio, Maryland, and Canada.

I will be out doing parks most of this month as I have come into some free time. Discord is the best way to coordinate if you are looking to hunt and do not hear me – or text me and we will find a way that works.

Shawn Warren

2035092399

KC1NQE – Keep Creating 1 New Quality Experience

Shawn sometimes posts an 'After Action Report' (AAR) following a park activation. Here's my report from Wharton Brook today.>

> A lot of nice parks, such as Hammonasset and Black Rock, are in locations that are very difficult to communicate with from Wallingford. Wharton Brook, on the other hand, is well positioned. Today I had QSOs with KE1AV, N1BRL, W1EDX, WA1ZVY, N1ZN, K1JCF, and KC1NQE. And, I had an 'eyeball QSO' with KB1JL.

>> Shawn stopped by long enough to get eleven QSOs and do an activation of his own. And, he happened to be with me when we heard AB1FC, near Northampton, MA on 146.520 It was a pleasant surprise to make a 60 mile QSO on 2 meter FM.

>> I now usually bring a straight key and a laptop with me on an activation. Today, that netted me six CW QSOs and 21 FT8 QSOs. The FT8 takes a lot of pressure off. If conditions are bad, FT8 can easily get the ten QSOs needed for a valid activation. And, several club members hunt POTA stations on FT8. At Hammonasset and Black Rock, the only QSOs with club members were on FT8. It's nice to have a weak signal mode available.

>> Members of our club have now activated Wharton Brook 23 times. As I've written before, it's a great place to do your first activation. Shawn and I both have some extra free time over the next several weeks. For anyone interested, September will be a great time to try an activation.

>

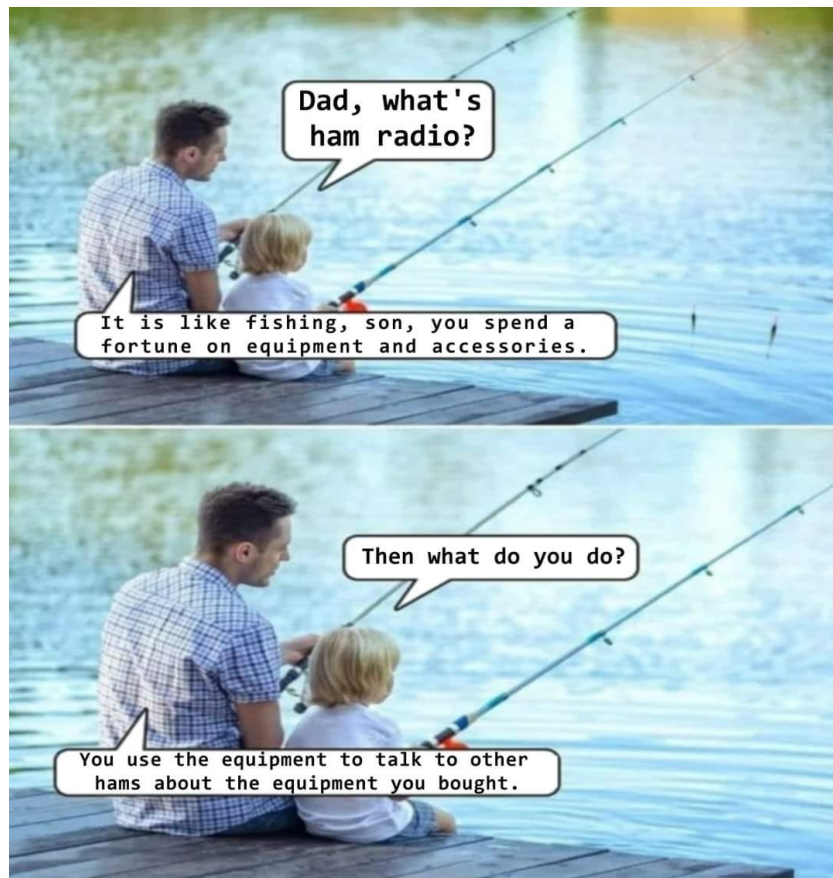
> Dave NZ1J

>

MARC ACTIVITIES PAGE

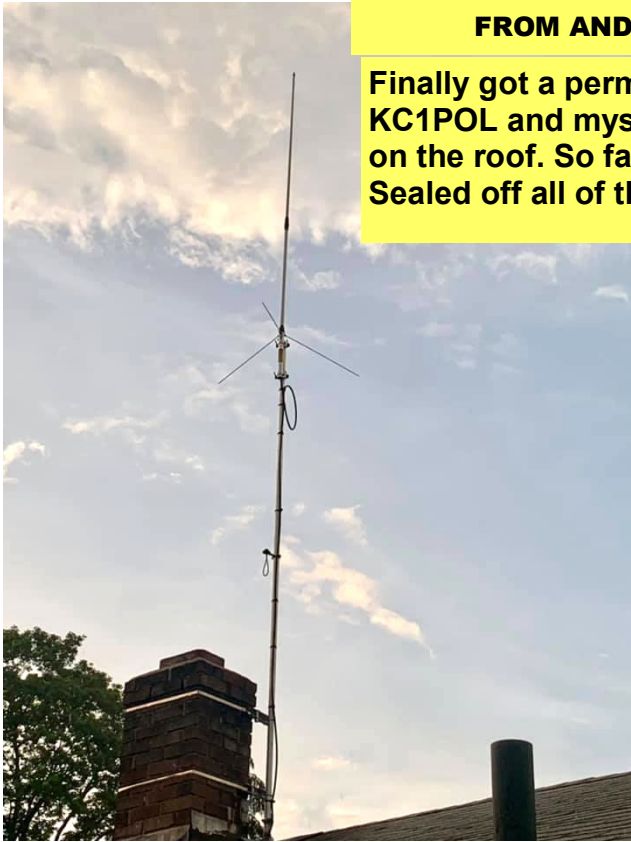
DAY	TIME (ET)	BAND	FREQ (MHz)	NCS	NAME	TYPE	WHEN
MONDAY	2000 – 2100	6M	50.175	N1ZN - JIM	6M NET	OPEN DISCUSSION	MONDAY
TUESDAY	1930 -2000	2M REPEATER	147.36 PL=162.2	K1TDO - TODD	2M NET	OPEN DISCUSSION	TUESDAY
	2000 – 2100	10M	28.375	K1VDF - JOHN	CASTLE CRAIG 10-10 INTL.	OPEN DISCUSSION	TUESDAY
WEDNESDAY	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 ST & 3 RD THURSDAY
	1930 – 2100	-	ZOOM	W1YSM – ED	MARC BUSINESS MTG	BUSINESS MEETING	2 ND THURSDAY
	1930 – 2100	ZOOM	*ID: 925 1153 2783 *Passcode: 000377	W1YSM – ED	MARC ACTIVITIES MTG	TECHNICAL/LECTURE	4 TH 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



FROM ANDY N1XXU & DEBBIE KC1POL

Finally got a permanent dual band antenna up for KC1POL and myself. Diamond X200A on a 10' mast on the roof. So far it's getting out like a champ. Sealed off all of the joints and connections.



FIREWORKS ISLAND FINAL REPORT

CallSign Used : W1NRG
Operator(s) : KC1POL, KC1ISI, K1LYP, WB1GYZ, NZ1J, K1LHO, N1GNV, N1JEO
Operator Category : MULTI-OP
Assisted Category : NON-ASSISTED
Band : ALL
Power : LOW
Mode : MIXED+DIG
Default Exchange : CT037R CT
Gridsquare : FN31NK
Name : Meriden Amateur Radio Club
Address : PO Box 583
City/State/Zip : Meriden CT 06450
Country : USA
ARRL Section : CT
Club/Team : Meriden ARC
Software : N1MM Logger+ 1.0.9143.0

Band	Mode	QSOs	Pts	S/P	Isl	Pt/Q
1.8	CW	1	2	0	0	2.0
1.8	LSB	3	3	0	0	1.0
3.5	CW	2	4	0	0	2.0
3.5	LSB	6	6	0	0	1.0
7	CW	2	4	1	0	2.0
7	LSB	11	10	2	0	0.9
7	PSK3	5	10	4	0	2.0
14	CW	1	2	0	0	2.0
14	PSK3	13	26	8	0	2.0
14	USB	16	16	1	0	1.0
21	CW	2	4	0	0	2.0
21	USB	4	4	0	0	1.0
28	CW	1	2	0	0	2.0
28	USB	4	4	0	0	1.0
50	CW	1	2	0	0	2.0
50	USB	4	4	0	0	1.0
Total	Both	76	103	16	0	1.4



KC1KQH HOMEBREW TWO METER ANTENNA

Score : 1,648

MERIDEN AMATEUR RADIO CLUB

MEETINGS: NORMALLY
7:30PM ON THE 2ND & 4TH THURSDAYS
OF THE MONTH,
UNLESS OTHERWISE POSTED,
THE HOPE HILL ROAD FIREHOUSE / EOC
143 HOPE HILL ROAD, WALLINGFORD
ALL MEETINGS ARE CANCELLED
UNTIL FURTHER NOTICE

MAILING ADDRESS:
MERIDEN AMATEUR RADIO CLUB
POB 583, MERIDEN CT. 06450

KEY KLIX EDITOR DAVE SWEDOCK K1WJL
CONTACT DSWEDOCK@GMAIL.COM
203 235-8582

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 W1KKF/R
147.36MHZ +600 OFFSET
STONE 162,2 (IF ACTIVATED)

MEMBERSHIP ROSTER

AB1DQ	James Surprenant	22R	KE1AY	Donald Mitchell	21S
AB1HB	Charlie Dudac	21S	KR1U	Bob Eslinger	21S
AF1HS	Art Fregeau	21S	KX1USA	Rob Messercola	21R
K1JCF	Joe Farrell	23S	N1AKN	Jeff Dwyer	21S
K1LHO	Mike Ash	21S	N1API	Al Kaiser	21S
K1LYP	John Yusza	23S	N1BF	Patrick Dionne	21R
K1MMK	Mike MacKennedy	23R	N1BRL	Barb Toftness	23S
K1MVM	Mike Macri	21S	N1FNE	Rod Lane	21R
K1RCT	Rob Cichon	23R	N1GNV	John Bartscherer	21S
K1SCI	Stuart Isaac	20R	N1GY	Geoff Haines	22S
K1SOX	Brian Freeman	22R	N1HCA	Susan South	21R
K1STM	Anne West	21S	N1IBE	Wade Martell	22S
K1TDO	Todd Olsen	21R	N1JEO	Joel Curneal	22R
K1TGX	Jerry Molaver	23S	N1LES	Joe Murray	21R
K1MTD	Mary Duval	21S	N1MOB	Dan David	20R
K1RMA	Don Richards	21S	N1NAN	Helen Spokes	20S
K1VDF	John Blevins	21S	N1OKF	Bob Parisi	21R
K1WJL	Dave Swedock	22S	N1OKR	Frank Ciccone	21S
K2LMR	Lou Caruso	21S	N1QYB	William Wilecki Jr.	20S
KB1CIW	Bob Stephens	20S	N1URO	Brian Rodgers	21R
KB1EHE	Eric Knight	21R	N1XXU	Andy Purchia	22R
KB1FYL	Bob Carruthers	21S	N1YLN	Edward O'Lena	21R
KB1IFZ	Elsie Mathews	21R	N1ZN	James Savage	21S
KB1JL	Eric Olsson	21S	N2RTS	Tyler Schroder	22R
KB1LWS	Jeanne Gherardi	22S	NZ1J	Dave Tipping	22R
KB1MFU	John Ramadei	21R	W1AJK	Andrew Kazimer	22R
KB1MZG	Guy Allard	21S	W1BOB	Bob Lobley	21R
KB1SIT	Teresa Stephens	20S	W1DQ	John Elengo	22S
KB1SSN	Alex Dills	20R	W1EDX	Paul Stasieluk	21S
KB1TJD	Gainne Jenkins	21S	W1JKP	Kent Astrom	21R
KB1TMC	Clare O'Lena	21R	W1KPS	Kevin Shields	20R
KB1TTV	Jonathan Martin	26R	W1LV	Steve Morley	21R
KB1YFJ	Glen Couture	21R	W1NHS	Fred Ring	20S
KC1DOY	Ted Renzoni	21S	W1NNZ	William Kosche III	20S
KC1GMD	Ralph Ring	22R	W1POP	Fred Liedke	21S
KC1HDB	Jeff Martin	28R	W1RCI	Ron Isaac Jr.	21R
KC1HFO	John Stoidis	20R	W1ST	Stephen Stimpson	20R
KC1IIK	Scott Mowerson	20R	W1TK	Ron Wakefield	22R
KC1IIL	Matt Mowerson	21Y	W1UFO	Mike Cei	21R
KC1ISI	Kristin Olsson	21R	W1UKX	Greg Gherardi	22S
KC1KQH	John Kasinskas	21S	W1XK	Stan Kugler	20S
KC1MBG	Robert Luby	21R	W1YSM	Ed Snyder	22R
KC1NQE	Shawn Warren	21R	W3APC	James Cook	21S
KC1NXP	Andrew Paolillo	21R	W9OTW	Debbie Foss	20R
KC1OCF	Karl Polak	21S	WA1FFT	Ray Irwin	21S
KC1OMP	Damian Fries	21S	WA1JKR	John Rogus	21S
KC1OSR	Gunnar Steinle	21R	WA1SFH	Douglas Sharafanowich	21S
KC1OST	Bryon Heath	21R	WA1TRY	Rich Aubin	L
KC1OYM	Brian Boccuzzi	21R	WA1ZVY	Jim Martin	28S
KC1OYN	Ricky Becker	21R	WB1GGP	Jerry Shepard	21S
KC1OYR	Brent Moyer	21R	WB1GYZ	Bob Biancur	21S
KC1POL	Debbie Purchia	22R	WB8IMY	Steve Ford	22R
KC1PBQ	Randy Rilvest	21R			
KC1PHK	Lincoln Nichols	Y			
KC1PSK	Todd Dibiasi	22R			
KC1TAD	Tom DiPinto	22R			
KC1PU	Bob Woodtke Jr.	22R			
KC1SA	Stephen Allen	21R			
KC2MLH	Adam Castracane	21R			
KE1AU	Robert Kaczor	21S			
KE1AV	Dave Sanford	21R			

MARC OFFICERS

PRESIDENT



W1YSM ED

VICE PRESIDENT



KB1JL ERIC

SECRETARY



N1BRL BART

TREASURER



K1WJL DAVE



K1RCT ROB

**STATION
ACTIVITIES
MANAGER**

MEMBERSHIP STATS

TOTAL MEMBERS.....	117 *
REGULAR(UNDER65).....	54
SENIOR(65 & UP).....	55
LIFE.....	1
STUDENT(18 & UNDER).....	2