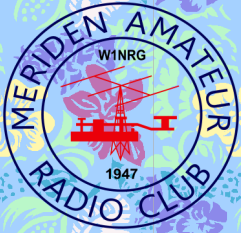


MERIDEN AMATEUR RADIO CLUB

KEY KLIX

DECEMBER 2021



***Merry Christmas,
Happy Chanukah,
Happy Kwanzaa to all
and to all a good Night
—and of course
HAPPY FESTIVUS
for the rest of us!!!!***



CLUB NEWS & VIEWS

The Year in Review and Business Meeting, on ZOOM Thursday Dec 9 , 7:30pm

We have made a decision to extend the Business & Activity meetings on ZOOM only, until March or until we can work out the logistics of dual ZOOM / In person meetings. We are sure that half the club will be disappointed while the other half relieved about not having to coming out at night in the cold new England weather... Stay Tuned.

December Activity meeting cancelled due to Christmas Season

The official MARC club activity meeting scheduled for the fourth Thursday of each month is officially cancelled due to the Christmas holiday season. This is not to say that all activities, such as club nets and activity nets/ zoom meetings will be cancelled also, please check with net control on updates...

New members

We welcome KC1PVA (Now N2TAG) Dave Tagnialetti, KC1PXX Dave Alfredson, KC1OGL Paul Randazzo & NR1B Bill Huggins... who were elected as members at the November business meeting....

This month we are voting on the applications of W1IKW Iain K. White and Brian Beegan, a prospective new ham.

New ARRL N.E. Director elected...

Congratulations are in order for newly elected N.E. Director AB1OC Fred Kemmerer from Hollis New Hampshire .

VE Sessions at the OEM... Saturday Dec. 11, The Following dates are scheduled for 2022:

January 8, 2022.	February 5, 2022	March 12, 2022.	April 9, 2022.
May 14, 2022.	June 11, 2022.	July 9, 2022.	August 13, 2022

EVENT	DAY/DATE	TIME	LOCATION	DESCRIPTION
PIZZA PARTY – MEET & GREET	THURSDAY DECEMBER 2	1800 – 2100 (6pm – 9pm)	OEM FIREHOUSE	Pizza party to meet new members and see existing member/friends once again – Pizza paid by Club
BUSINESS/ACTIVITIES MEETING	THURSDAY DECEMBER 9	1930 – 2100 (7:30pm – 9:00pm)	ZOOM ONLY	December Club Business Meeting
VE SESSION	SATURDAY DECEMBER 11	0900 – 1030 (9am – 10:30am)	OEM FIREHOUSE	December VE session
CQ SANTA	SATURDAY DECEMBER 11	1030 – 1400 (10:30am – 2:00pm)	OEM FIREHOUSE	CQ Santa – see flyer

January 27	Ron KD9IPO – How to Work a Pile-Up
February 24	Bobcat KB1FYL – Amateur Radio-Astronomy

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

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

RESTRICTIONS HAVE BEEN LIFTED..HOWEVER IF YOU HAVE NOT BEEN VACCINATED PLEASE USE A MASK... WE WILL HAVE MEETINGS RESUME IN MARCH WITH ZOOM COVERAGE AS WELL.

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



CQ SANTA – RIDES AGAIN

Two years ago, MARC held a CQ Santa event for the Town's children and their families at the Firehouse (OEC) on Hope hill Road. About 25 children and their parents participated. The event did much to advance MARC's visibility and stature in the Community in addition to providing a fun morning for the children. Owing to the Pandemic we skipped 2020. Now we are back to once again, merge the joys of Christmas and Amateur Radio. This year, at 10:30am on Saturday December 11, 2021, at the EOC, we will have Mrs. Claus join Santa On Air. We didn't feel in 2021, it was right to minimize her participation by saying she is away, busily helping the elves make toys. We have many Wallingford Town dignitaries planning on attending with their children or grandchildren. We also are having a food drive for Master's Manna and a toy drive for Holiday for Giving. Publicity should be robust, with newspapers, TV and skywriting being planned. Quite the extravaganza, I must say. There will even be a Fire Truck for the kids to see.

While all this is going on there also will be a Coffee Cup Net, and a VE Session for hams and wanna -be-hams, held at the OEC. Yes, your W1NRG AR Club will be multitasking Dec 11, catering to multiple audiences. That's what a vibrant Amateur Radio Club should be doing – lots of stuff. Looking forward to 2022 we promise to be even busier with even more stuff. A Pizza party for new and current members will be held at 6pm on Thursday December 2. So come on down Thursday Dec 2, and/or on Saturday December 11, 2021, to see what events MARC and your fellow members have going on.

If you do, bring some nonperishable Food items and a new unwrapped Toy for the drives. Hope to see you there. BTW, we are following Town requirements for Covid-19, so get vaccinated and wear a mask if you haven't been. If you are not feeling well, please stay safe at home, and wait until next year to visit. Santa and the Missus would appreciate it. Not to mention your fellow MARC members, and a whole flock of elves.

**Ed W1YSM
President, MARC**



from the WB1GYZ FILES

Bob Biancur WB1GYZ

EDITORS NOTE: AFTER THIS ARTICLE WAS SUBMITTED, WE LEARNED OF SHAWNS ELECTION AS THE 2021 MARC HAM OF THE YEAR.... CONGRATULATIONS TO SHAWN

KC1NQE SHAWN WARREN



Shawn Warren KC1NQE was born in the rural town of Wolcott, CT, and was introduced to ham radio by his scout master N1EMK in 1994. At the age of 14 he was a newly minted Eagle Scout. Shawn visited Crimea as a foreign exchange student and goodwill ambassador to the former USSR. While there he visited the Kremlin, Lenin's Tomb, luncheoned with a Rear Admiral of the Black Sea Fleet, and climbed Ayu-Dag (Bear Mountain). In 2019 Shawn watched a YouTube video that featured an Amateur Radio operator contacting an astronaut aboard the ISS. He found that fascinating that an ordinary person could actually communicate with an orbiting space station. His first purchase after earning his Tech license was to buy an Anytone 878 which he carries while hiking. One day he heard W1YSM chatting on the Wallingford repeater and decided to give him a call. After introductions Ed mentioned that the Club was fox hunting at the moment and explained what that was about. Shawn was then able to locate the fox by listening to hunt chatter. Upon finding the fox he was swarmed by hounds who practically initiated him into the club on the spot. He now holds a General class license and has taken to operating Parks and Summits On The Air. Shawn enlisted in the Army while in high school, became a medic in light infantry, and 8 years later went on to OCS earning a commission. He served 13 years in total. Shawn ran a battalion aid station, coordinated medivac by radio, was a rappel master, took survival courses, and became qualified in land navigation. After military duty Shawn provided executive protection to high profile individuals in the NYC area. Since 2008 he has been employed by the Department of Corrections at Cheshire. Shawn's main ham equipment consists of an MFJ 1690 vertical all-band antenna and a Xiegu-G90 transceiver. He'd like to thank all Club members who have helped him learn the radio hobby, especially Rob and Dave who gave so much of their time.

KC1NQE = Keep Creating One New Quality Experience

Bob - WB1GYZ

Meriden Amateur Radio Club
WINRG
1947

Sept 30 2021

POTA K-7531
Cockaponset State Forest

W1EDX	WB1GYZ
K1JCF	KC1KQH
N1BRL	WB5OXN
N1GNV	VA3KD
KB1JL	VE2JCA
K1RCT	VE2FTX
W1DQ	VA3JIN
N21J	VE3PYJ
VE7APF	KM4OKC
N8JCM	N1ZN
WB1GYZ	K1PCN
KC1KQH	K1CWB
N1XXU	KC1KVY
KC1POL	W3YAD

POTA
Loves Objects
Parks On The Air

2021 MARC ELMER OF THE YEAR



2021 MARC HAM OF THE YEAR



PIX'S OF THE DECEMBER 2, MEET & GREET PIZZA PARTY









Secretary Report & Minutes of the Meriden Amateur Radio Club

Bart Toftness N1BRL , Secretary

NOVEMBER 11 , 2021 ZOOM BUSINESS MEETING

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

Normal introductions were omitted as all attendees (40) are self-identified in 'Zoom' , K1RCT, N1BRL, N1API, W1DQ, K1JCF, N1LES, KC1DOY, N1GNV, KE1AU, WB1GYZ, WV2LKM, N1ZN, KB1JL, NZ1J, W1EDX, KC1OYN, W1YSM, K1WJL, KC1KQH, K1LHO, K1STM, KE1AY, KB1FZ, K1VDF, KC1OYM, N1JEO, KB1EHE, KC1HQX, WA1ZVY, KB1MFU, NR1B, KC1PVA, K1TGX, W3APC, **K1LYP**, WA1TRY, KC1OGL, WA1FFT, N1AKN, AB1DQ.

Announcements (W1YSM), We will continue to follow the OEM occupancy rules as determined by the town. If you are NOT fully vaccinated then masks are required otherwise they are optional. December 2, 6 to 9:30 PM will be a Pizza Meet and Greet at the OEC. The Annual Year in Review Activities Meeting will be December 9.

Secretary's Report (N1BRL) With the current club officers running unopposed the Secretary cast one vote to elect the 2021 officers to serve in 2022. October meeting minutes were approved by majority vote. Four new membership applicants, KC1PXX Dave Alfredson, KC1PVA Dave Taglianetti, KC1OGL Paul Randazzo and NR1B Bill Huggins were presented and each approved by majority vote without objection.

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

Station Manager's Report (K1RCT) The station's computer operating systems and application software were updated. Installation of the new 80/40 meter dipole is waiting for firmer ground to use the bucket truck.

The SAM report is available upon request.

Standing Committees and working groups

Entertainment/Activities, December 2 will be a Pizza Meet and Greet. December 9 will be the Year in Review Activities Meeting. January 27 will be KD9IPO and How to Work a Pile-Up. February 24 will be KB1FYL and Amateur Radio-Astronomy.

Technical, K1VDF and K1RCT had no interference to report.

Scholarship, N1ZN reminded the membership of the availability and details of the W1FD scholarship.

Publicity, – No report.

Repeater, –The Repeater Committee made a correction to the repeater clock otherwise nothing else to report.

Saturday/Sunday Morning Activities. Fox Hunts have moved to Sunday with a core group of members and visitors participating. Parks On The Air is drawing more interest with members activating 6 or more parks each week. S.H.O.W. (Saturday Hands On Workshop) is a new initiative for a variety of somewhat structured activities on Saturday Mornings at the club. WB1GYZ will begin a CW instructional class for those who are interested while other members may introduce kit building and soldering techniques or yagi antenna building.

The website gets monthly updates but otherwise is in a holding pattern. All of the more recent updates to the website are drawing favorable comments from non-members.

No current club contest activations are planned but ARRL Sweepstakes is coming and members are talking about various options for Winter Field Day.

Club Nets, KB1FYL continues to fill in as Net Control for K1TDO as needed on the 2 meter net.

Castle Craig, Nothing new to report.

Instruction VE /Training. Five people passed their exams at the Nov 13 VE Session. The next VE Session will be Dec. 11 and monthly sessions are scheduled for several months in advance.

WARG/EMCOM/Aux Com, A new CERT Class is scheduled to begin in January for those who are interested and have completed the 4 prerequisite online courses.

Key Klux continues to be the best club publication in the state thanks to K1WJL.

New Business.

The 'Diamond and Gold Challenge' will begin in Jan. 2022 and completing in November 2022. KC1SA has placed an updated rules file at the DropBox link that was emailed to the membership previously.

K1RCT is working on the means for the N1MM logging software to help with scoring and submission of log files for the 'Diamond and Gold Challenge'.

K1SSN, Submarine Base Amateur Radio Club, is in need of support due to reduced membership. There are many things that MARC can and can't do but the consensus is we can help but not lead this effort so we will wait for a specific request.

K1RCT ask the club to consider adding an additional Zoom Admin account which will cost the club approximately \$14 per month.

Old Business. KB1JL is working on designs and a source for free MARC Business Cards. MARC will work with Steve Civitelli of the Wallingford Dept. Health in support of Masters Manna. CQ Santa will be from 10:30 to 2PM on December 11. In addition to crayons and coloring books a volunteer fire company will be present with a fire truck for the children to explore.

Voting Summary for the September meeting

The Secretary cast one vote to elect the unopposed slate of 2021 officers to server again in 2022

October meeting minutes were approval.

Four new members, KC1PXX, KC1PVA, KC1OGL and NR1B were affirmed by majority vote without dissent.

No vote was required to get free club business cards

Meeting was adjourned at 21:08 Respectfully submitted, Bart Toftness, N1BRL

WHERE IN THE WORLD ARE ELSIE & ERIC ??

MARC'S VERSION OF "WALDO"



Eric KB1EHE and Elsie KB1IFZ recently returned from some R&R and a bit of ham radio fun in Puerto Rico. Part of the fun was having QSOs with Connecticut hams, such as with MARC member Rod Lane N1FNE. Their QSOs were on just 3.5 watts and their super-short (17.2') coil-loaded homebrew dipole strung between two palm trees. They said the antenna was only 6.5' high, as that's the highest they could reach on the trees.

They operated with the μ SDR HF QRP SDR Transceiver they recently purchased on eBay. They used the mini rig in "HT mode" -- holding it in their hands and using the PTT button. See photos. Eric and Elsie said they changed the directivity of the dipole by choosing different pairs of palm trees during their stay. They also had a variety of QSOs with hams in South America.

They noted industry concerns about spurious emissions / harmonics with the μ SDR. They felt comfortable going portable with it after one of the developers who brought the original kit version to life, Manuel DL2MAN, released his review of the μ SDR on YouTube. Manuel said, "Lower bands are all usable, up to 20 meters. Looks okay." It should be noted that Manuel has also recently stated on his Web site, "*uSDX Sandwich Hardware is now under Creative Commons Attribution-ShareAlike 4.0 International License. This means, you can use the provided Design in any way you like. Even commercially.*"

Eric and Elsie said that they would be happy to chat with fellow MARC members about their experiences with the mini rig, as well as about their homebrew mini dipole. We stayed in a tiny town called Guánica in a small resort called Copamarina. Every day we'd go for a run down the beach and hang out in a covered pavilion during one of our running laps. Little did we know that the pavilion is smack dab in the middle of one of the parks listed in Parks on the Air! *We could have done a POTA activation.* The POTA location was just a stroll (600 meters) from our resort.

Interesting side note: Eric and Elsie also mentioned the rapid push across Puerto Rico for new hams. The interest is driven by the two recent hurricanes and an earthquake that had major impacts on the power grid and telecommunications infrastructure. Hams are setting up communication centers across the island in order to be able to quickly support government authorities in times of crisis.

We also discovered a registered summit (KP4/CW-013) within a few miles. *So we could have done a SOTA activation as well.* <https://summits.sota.org.uk/region/KP4/CW>

Oh, well. Next time...

73, Eric & Elsie



That's right, Ten-Four good buddy, I am a brandy new Ham Radio Op-er-A-tor. Yes, my vocabularic utterances don't get any better on the air either.

Now what?

I've heard about these magic, mysterious people that can get on a radio in their house and talk to people all over the world. Sounds great. I want to do that – I think.

How?

I bought bright red pens, blue, yellow and pink highlighters, and bookmarks too. I am so geeked out I searched online for pocket protectors. I bought the books, I bought a bunch of them. Some telling me that I can pass the test the easy way. Easy Way? There's an easy way? Like magic? Why didn't I do this

years ago? Why did I wait until I'm in my sixties to get this process rolling? Now that my brain is starting to dry up and the necessary electrical connections in my brain are starting to short circuit I have to study real electrical connections, formulas, and component names. There has to be an easier way to do this than reading the books that promise I will pass my test. They still require reading, learning, and memorizing.

Then I discovered all the videos online. I could just sit and watch them over and over until I absorbed all the information. I may only have short circuits in my brain, but I could memorize the information spoon-fed to me by a video. It's like watching the same TV commercial over and over. I've been doing *that* all my life! Osmosis!

Well low and behold! Abracadabra! Watching, reading, and taking practice tests I actually learned the material! At first, I was watching foreign films. They were speaking my language but it sounded like Charlie Brown's teacher, "Woc-a-woc-woc-woc." After a few months the strange words, phrases, and numbers now meant something to me. I was ready. I was going to take the test and become a gen-u-ine Ham Radio Op-er-a-tor and get my very own call sign! I was going to Ham Operate!

Test day. Everyone seems to know so much more about this than I do. I know the people administering the test know a great deal more than I do. It just seems to ooze out of them. Plus they know each other, they are talking about things and joking with one another while I'm sweating through my T-Shirt even though it's March and we're taking the test in a garage. Everyone is somehow friendly, they don't know me but I can feel that they want me to do well. Who are these strange beings?

I'll find out the results soon. I check and recheck my test form. Did a drop of sweat just roll off my nose onto my test form? I make sure that I have thirty-five little bubbles filled in, I can still count to thirty-five. I hope they are the correct little bubbles. I hand it in and wait. Do I retake the test if I don't pass? Do I walk out a dejected mid-sixties overweight bald guy with my thirty dollars wasted on one of those foreign-made portable radios? I mean, HT. Hey, I did learn something, there is hope!

I get a form signed by three guys who seem genuinely happy that I passed. I'm admonished that I cannot get on the air until my name is added to the FCC database with a call sign issued. I am a Ham! No worries about that, I don't know if I'll ever utter a sound on the air. CB radio was so much less intimidating -- good-buddy.

Checking every day, three and four times a day. Finally, there it is, KC1OYM. Wow, KC1OYM. That's me. What? What kind of call sign is that? How will I ever remember that? That's a mouth full for some rookie like me to sputter out into a fresh new radio over airwaves that have never heard my voice before.

What do I say now? Now what? Hey, Hey is anyone out there? Can you hear me?

Okay, let's just listen and see what the others have to say. I heard I should join a club. The guys that administered the test are in a club. That was obvious. They were nice enough. Check them out. Join. Now what? They run things called Nets. Note to self – lookup Ham Radio Nets on the internet. Program your radio smart guy, you're a Ham now, you're supposed to know this stuff. Note to self – lookup on the internet how to program this HT.

from the previous page

Now that I have read what a Net is and have my HT programmed to talk to a thing called a repeater which somehow talks to everyone else, I can talk to my new friends on the air. It's time, the Net is starting. It sounds pretty formal. What's my call sign again? I should have written it down. I should have a big neon sign flashing it in my face because I know I'm going to forget it. Okay, he's calling for people to call in. Listen to these people, they rattle off their call sign like they were born with it. How does everyone just call out each other's call sign? I'm lucky to get the first and last letter. Do I push the button now? Now? Now? Oh, I missed it, I'll wait. He's calling again for people to check-in. Do I push the button now? Oh, I'll just wait until next week.

Okay, this week I'll do it. What's the worst that could happen? Just make a big fool of myself, that's all. At least they can't see me. Here goes nothing! Just push the button. Hey, they were nice to me. Even though I didn't have much to say. To tell you the truth, don't even know what I said. That was easy. Okay, let's get some real radio gear.

I can see this is going to take some time and money. I can only hope I have plenty of the first, I *know* I don't have enough of the latter. Off to the internets to do some research. Look at all these shiny boxes! Knobs and buttons and brightly lit up displays Oh My! What a rush! What a high! Ouch, back to earth - look at how much they cost. I can see that the price of my Ham license is going to be the least expensive part of this hobby.

Diabolical!

So, I set the alarm for an early morning Wakeup Net, and as luck would have it, nobody showed. While tuning around empty bands a lone signal finally broke silence with a strong but unusually slow CQ. The op got no response after several attempts, so I decided to answer this newbie for all his gallant effort. I replied at his 7 WPM speed, and we were off... sort of. He was fumbling with an electronic keyer at its lowest speed, so was losing count of dits and dahs. Every new op has a learning curve and I figured it was my duty as an old timer to practice patience with him. I pieced together what he was trying to send and kept reminding myself that it will soon be over. I'm sure other ops had done the same for me as a novice. After several more minutes of painfully slow exchanges I decided to speed things up a bit by sending just our callsigns faster. A long pause ensued and I wondered if I had scared him away. He then came back at a knock your sox off speed. So I asked, what's with the super slow speed at the beginning of our QSO? He said: I get more contacts when I call CQ at slow speed... and because I sent to him at his speed he assumed I was a new op. We were like two knuckleheads sending as rank novices for fifteen minutes, after which, we finished normally. Thankfully, it's only a hobby.

PS No, I didn't go back to bed because I wouldn't have been able to sleep thinking about that QSO.
Bob WB1GYZ

Meriden ARC first ever Fox Hunt & POTA activity at Cockaponsett State Forest (aka: Black Pond in Meriden). 12/5/2021



★ Radio to North Pole—Talk to Santa! ★



Who: Wallingford Amateur Radio Group,
with the Wallingford Health Dept,
Youth & Social Services, and Masters Manna

When:
Saturday December 11, 2021, 10:30am—2pm

Where:
Yalesville Firehouse 143 Hope Hill Road
Wallingford CT 06492

Why: *So the kids can talk to Santa!*

**Snacks provided
& crafts are
available!**
PLEASE bring
nonperishables
for Masters Manna!
and
unwrapped toys
for
Holiday for Giving!



45 South Main St. Rm. 215 • Phone: (203) 294-2065 • Fax: (203) 294-2064



Interested Members:

Wallingford OEM is offering a CERT training course starting in January 12, 2022. The course will be on Wednesday nights at the OEM Yalesville firehouse and will run from 6:30 PM to 8:30 PM for 8 weeks. To be a member of WARG, and be able to be deployed in the field, CERT training is required. Completed applications can be dropped at Central Fire Headquarters or by email to Wlfdcert@gmail.com no later than 12/31/21. They can also be dropped off at the OEM building on any Saturday morning in December. Please note students will need a laptop for the delivery of didactic materials. . Applications must be accompanied by the required Core 4 FEMA Incident Command courses. To get on the town CERT (WARG) team, this is the process:

First step is to take the on line FEMA Core 4 courses
The courses are here on line:

<https://training.fema.gov/is/crslist.aspx> <<https://training.fema.gov/is/crslist.aspx>>

You have to register with FEMA and get a FEMA ID. The courses you want are IS-100, IS-200, IS-700 and IS-800. Write down and save your FEMA ID and log in info and password.

Each course can be scrolled through in an hour or two. Then you take an open book test on line at the end of the course. Upon successfully passing, you will receive a PDF certificate for each course passed. Save the PDFs upon completion and you can forward them.

IS-100.C: Introduction to the Incident Command System, ICS 100

<https://training.fema.gov/is/courseoverview.aspx?code=IS-100.c>

IS-200.C: Basic Incident Command System for Initial Response

<https://training.fema.gov/is/courseoverview.aspx?code=IS-200.c>

IS-700.B: An Introduction to the National Incident Management System

<https://training.fema.gov/is/courseoverview.aspx?code=IS-700.b>

IS-800.D: National Response Framework, An Introduction

<https://training.fema.gov/is/courseoverview.aspx?code=IS-800>.

The core 4 course package is also the basic requirement for ARES participation. This is a nationwide requirement for both FEMA and ARES organizations. It is important to know how the incident command structure operates in both large scale and small scale disaster management.

More info on the course here:

This is the Link to download the all new CERT 2020 Student file.

<https://portal.ct.gov/-/media/DEMHS/docs/Committees-and-Working-Groups/Citizens-Corps-Advisory-Council/CERT-Student-Files.zip?la=en>

This has the new 2019 Basic CERT training on the disk. It's a large download and will take time to receive the **CERT Student Files.zip** file.

File size is **329,057 KB**. Once you download, just unzip the file to a folder where you would like to run the CD.

To run the CERT Student disc the 1st time, just run the **CERT-Runme.exe** in the folder. You must tell Windows 10, to run the file anyway.

MERIDEN AMATEUR RADIO CLUB

MEMBERSHIP ROSTER

AB1DQ	James Surprenant	22R	KC1MBG	Robert Luby	21R	NR1B	Bill Huggins	22S
AB1HB	Charlie Dudac	21S	KC1NQE	Shawn Warren	21R	N2RTS	Tyler Schroder	22R
AF1HS	Art Fregeau	21S	KC1NXP	Andrew Paolillo	21R	N2TAG	Dave Tagnialetti	22R
K1JCF	Joe Farrell	23S	KC1OCF	Karl Polak	21S	NZ1J	Dave Tipping	22R
K1LHO	Mike Ash	21S	KC1OGL	Paul Randazzo	22R	W1AJK	Andrew Kazimer	22R
K1LYP	John Yusza	23S	KC1OMP	Damian Fries	21S	W1BOB	Bob Lobley	21R
K1MMK	Mike MacKennedy	23R	KC1OSR	Gunnar Steinle	21R	W1DQ	John Elengo	22S
K1MVM	Mike Macri	21S	KC1OST	Bryon Heath	21R	W1EDX	Paul Stasieluk	21S
K1PET	Debbie Purchia	22R	KC1OYM	Brian Boccuzzi	21R	W1IKW	Ian K. White	22R
K1RCT	Rob Cichon	23R	KC1OYN	Ricky Becker	21R	W1JKP	Kenth Astrom	21R
K1SCI	Stuart Isaac	20R	KC1OYR	Brent Moyer	21R	W1KPS	Kevin Shields	20R
K1SOX	Brian Freeman	22R	KC1PBQ	Randy Rilvest	21R	W1LV	Steve Morley	21R
K1STM	Anne West	21S	KC1PHK	Lincoln Nichols	Y	W1NHS	Fred Ring	20S
K1TDO	Todd Olsen	21R	KC1PSK	Todd Dibiasi	22R	W1NNZ	William Kosche III	20S
K1TGX	Jerry Molaver	23S	KC1PXX	Dave Alfredson	22R	W1POP	Fred Liedke	21S
K1MTD	Mary Duval	21S	KC1TAD	Tom DiPinto	22R	W1RCI	Ron Isaac Jr.	21R
K1RMA	Don Richards	21S	KC1PU	Bob Woodtke Jr.	22R	W1ST	Stephen Stimpson	20R
K1VDF	John Blevins	21S	KC1SA	Stephen Allen	21R	W1TK	Ron Wakefield	22R
K1WJL	Dave Swedock	22S	KC2MLH	Adam Castracane	21R	W1UFO	Mike Cei	21R
KA1KJV	Bob Trussell	22S	KE1AU	Robert Kaczor	21S	W1UKX	Greg Gherardi	22S
K2LMR	Lou Caruso	21S	KE1AV	Dave Sanford	21R	W1XK	Stan Kugler	20S
KB1CIW	Bob Stephens	20S	KE1AY	Donald Mitchell	21S	W1YSM	Ed Snyder	22R
KB1EHE	Eric Knight	21R	KR1U	Bob Eslinger	21S	W3APC	James Cook	21S
KB1FYL	Bob Carruthers	21S	KX1USA	Rob Messercola	21R	W9OTW	Debbie Foss	20R
KB1IFZ	Elsie Mathews	21R	N1AKN	Jeff Dwyer	21S	WA1FFT	Ray Irwin	21S
KB1JL	Eric Olsson	21S	N1API	Al Kaiser	21S	WA1JKR	John Rogus	21S
KB1LWS	Jeane Gherardi	22S	N1BF	Patrick Dionne	21R	WA1SFH	Douglas Sharafanowich	21S
KB1MFU	John Ramadei	21R	N1BRL	Bart Toftness	23S	WA1TRY	Rich Aubin	L
KB1MZG	Guy Allard	21S	N1FNE	Rod Lane	21R	WA1ZVY	Jim Martin	28S
KB1SIT	Teresa Stephens	20S	N1GNV	John Bartscherer	21S	WB1GGP	Jerry Shepard	21S
KB1SSN	Alex Dills	20R	N1GY	Geoff Haines	22S	WB1GYZ	Bob Biancur	21S
KB1TJD	Gainne Jenkins	21S	N1HCA	Susan South	21R	WB8IMY	Steve Ford	22R
KB1TMC	Clare O'Lena	21R	N1IBE	Wade Martell	22S	WJ1B	Harold Kramer	21S
KB1TTV	Jonathan Martin	26R	N1JEO	Joel Curneal	22R	WV2LKM	Steve Waldmann	21S
KB1YFJ	Glen Couture	21R	N1LES	Joe Murray	21R		Brian Beegan	22R
KC1DOY	Ted Renzoni	21S	N1MOB	Dan David	20R		Ron Rogers	20S
KC1GMD	Ralph Ring	22R	N1NAN	Helen Spokes	20S			
KC1HDB	Jeff Martin	28R	N1OKF	Bob Parisi	21R			
KC1HFO	John Stoidis	20R	N1OKR	Frank Ciccone	23S			
KC1HQX	Preston Byrne	22R	N1QYB	William Wilecki Jr.	21S			
KC1IHK	Scott Mowerson	20R	N1URO	Brian Rodgers	21R			
KC1IIL	Matt Mowerson	21Y	N1XXU	Andy Purchia	22R			
KC1ISI	Kristin Olsson	21R	N1YLN	Edward O'Lena	21R			
KC1KQH	John Kasinskas	21S	N1ZN	James Savage	21S			

MEMBERSHIP STATS

TOTAL MEMBERS.....	124
REGULAR(UNDER65).....	61
SENIOR(65 & UP).....	60
LIFE.....	1
STUDENT(18 & UNDER).....	2

SATURDAY MORNINGS AT THE EOC HAVE RESUMED 9AM-12AM

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.

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

MARC OFFICERS

PRESIDENT



W1YSM ED

VICE PRES.



KB1JL ERIC

SECRETARY



N1BRL BART

TREASURER



K1WJL DAVE

**STATION
ACTIVITIES
MANAGER**



K1RCT ROB