

# KEY KLIX



## MERIDEN AMATEUR RADIO CLUB

1947 -- 2019



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ALL MEETINGS ARE AT THE EOC / HOPE HILL FIREHOUSE  
143 HOPE HILL ROAD, WALLINGFORD

# FEBRUARY 2019

### February Business meeting....Feb 14 7:30pm @ EOC

Our commander in chief, El Presidente Ed W1YSM will commence at 2130Z (7:30pm EST) with the February business meeting. One of the main topics will be a proposal put forth last month by AI N1API for a student fee structure that basically states any licensed amateur under the age of 18 will not be charged any dues. The purpose of this is to encourage youth participation in the club and Amateur Radio in general.

### Activity meeting.....Feb 28th 7:30pm @ EOC K1WJL on Traps & Baluns

Everything you could possibly want to know about Traps (Theory of what type of cheese to use, with or without additional peanut butter & how to set without bruising your fingers) and Baluns (theory, types & applications), By K1WJL

### Save the Date... Sunday October 13 2019 Nutmeg Hamfest at the Sheraton

The committee is looking for ideas on Speakers / Seminars, Activities etc, all constructive criticism will be greatly appreciated..

### Kids Day & Winter Field Day were a success...

Stories & Pictures are inside...

### Archives Located

The missing MARC archives have been found... more to follow.

## **JAN 24TH ACTIVITY MEETING CANCELLED DUE TO WARG EMERGENCY ACTIVATION**

On January 24, over 3.5" of rain fell in the Wallingford area, causing local flooding in low lying areas. The rainfall was made worse as runoff collected from ice covered surfaces. At 1500, the WARG team was notified to open up the OEM building as a shelter in anticipation of evacuees from a local mobile home trailer park, as fire personnel were actively on scene there. The WARG team responded and stood by for evacuees and assisted in logistics.

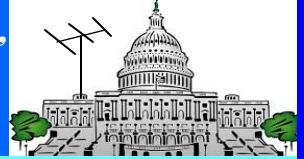
Assistant OEM Director Len Guercia advised us that our scheduled club activity meeting would have to be cancelled. The OEM, Police, Fire, and Public Health management also responded to manage the incident and Animal Control responded with food and shelters for the critters. Ultimately 2 persons were evacuated to the OEM HQ, where they were interviewed by Red Cross and placed for further sheltering in a local motel.. Shelter operations ceased shortly after 2100 hrs. The following club members staffed the shelter. - KB1JL, K1LYP, N1AKN, K1VDF, KC1ISI, and K1RCT. From their homes W1YSM, K1STM, and W1KKF assisted in notifying club members of the short notice meeting cancellation, which included announcements on the 147.360 MARC repeater.

KB1JL, ARRL Emergency Coordinator, Wallingford.



# The President's Net Control Corner

Ed W1YSM, President MARC



## SATURDAY MORNINGS – MARC'S CROWN JEWEL

One definition of a crown jewel is “a particularly valuable or prized possession or asset”. Over the past many months members of MARC have assembled Saturday mornings at the EOC to get together and do whatever they feel like doing. It started with just a few members attending and then over time just grew bigger and more diverse. It now routinely hosts 15-20 attendees -mostly club members, but also some folks who have come by invitation to participate in the activities.

John K1LYP, Eric KB1JL, John K1VDF and Rob K1RCT have been key in the growth of this Saturday morning event. But many others, myself included, have now joined in the fun. Unplanned activities include CW code classes, repair and refurbishing of Go-Boxes, bringing old radios/HTs back to life, hosting VE sessions, showcasing amateur radio to visiting cub scouts and boy and girl scouts, and having ONAIR activities in the Sievert Radio room for young and old alike. Be assured women attend as well and are welcomed; it is not a good ol' boy party by any means. If you need help with any equipment, have an antenna problem you need to solve, if you want to get OnAir with UHF, VHF or HF, or learn CW or increase your speed, learn about SDR or DMR, or just want to talk about sunspots, I know just the place- Saturday mornings at 143 Hope Hill Road. Doors open about 8:30a and as John K1LYP says, “we stay until we run out of things to say” (about 1-1:30p). We really do not have another forum in which the club members can to get together and interact, or just “rag chew”. That’s why this time is so valuable.

Past activities have included review sessions for the FCC license exams – in a small group session or one-on-one, as is preferred. For the future we plan to have “Tech in a Day” license classes, VE training sessions, kit building activities and much more. Most importantly it provides a venue for all MARC members and fellow hams or those interested in the hobby to just meet and greet and have a cup of coffee and a Neil’s bagel – magically transported by K1LYP. This bonding is, in my opinion, key to the club’s survival and growth – just having a place to meet and talk about radio or anything else keeps us all linked together in the bonds of friendship and just enjoying each other’s company. We provide a warm and welcoming environment for young hams-to-be and their parents. Just a buck or two in the kitty (coffee can, actually) every two weeks or so, covers the coffee and bagels and is the price of admission.

So please join us, we are all linked together in amateur radio, the world’s greatest hobby; come and spent a couple of hours with your fellow club members and enjoy the Crown Jewel of the MARC– we’ll keep the light on for you.

Ed W1YSM

### WHAT IS IT?

BY K1LYP

**IT'S NOT WHAT IT APPEARS TO BE!!!!  
ANSWER IN NEXTS MONTHS KEY KLIX**

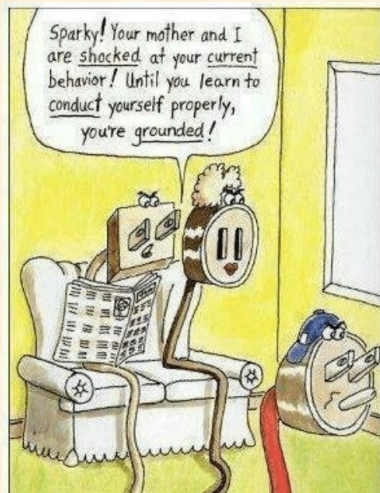
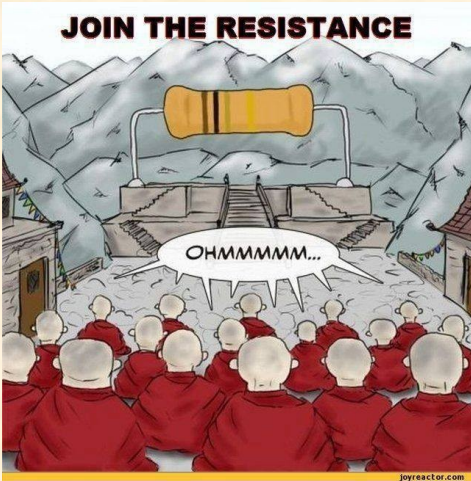




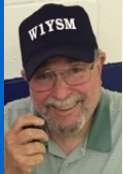
RECENT ICE STORM ISSUES



PRESIDENT ED W1YSM HAS DONATED THE SIGNS THAT HANG ABOVE THE DOORWAY. THANKS ED...



OUR RESIDENT RADIO ENGINEER & CHIEF TECHNICIAN JEFF N1AKN IS IN NEED OF AN AUDIO SIGNAL TRACER, WORKING OR IN NEED OF REPAIR.. IF YOU ARE LOANING IT TO THE CLUB, PLEASE PUT YOUR CALL ON IT...BUT DONATIONS ALWAYS APPRECIATED.  
..



# ACTIVITY NIGHTS & EVENTS,

ED W1YSM (ACTING ACTIVITIES MANAGER)

# 2019

FEB. 28	BALUNS and TRAPS	DAVE K1WJL
MAR. 28	HARD LINE COAX – “THE HARD STUFF”	JIM N1ZN
APR. 25	AMATEUR ROCKETRY/AMATEUR RADIO	ERIC KB1EHE
MAY 23	MARC - TOWN MEETING OPEN FORUM	ED W1YSM
JUNE 27	PUBLIC SERV. & RADIO COMM.	BOB WB1GYZ/ERIC KB1JL
JULY 25	LARK IN THE PARK	
AUG. 22	JEOPARDY FOR HAMS	JOHN K1LYP
SEPT. 26	DRONES – A PRIMER	STEVE KC1SA
OCT. 24	SUNSPOTS	TBA
NOV 28	THANKSGIVING - NO ACTIVITIES MEETING	
DEC. 12	CHRISTMAS PARTY - NO ACTIVITIES MEETING	



## Secretary Report & Minutes of the Meriden Amateur Radio Club

**Dave Tipping NZ1J , Secretary**

**FEBRUARY 2019**

Meeting called to order at 19:28 EST by President W1YSM

**Introductions / Members Present:** Introductions were made by 25 members in attendance

**Announcements:** W1YSM thanked W1KKF and N1API for their years of service and leadership. Also, W1YSM has donated a lighted ON AIR sign and a W1NRG sign for the club station. And, W1YSM encouraged members to increase their involvement with club activities, such as Saturday Mornings, Station Activations, and Public Service.

**Silent Keys:** A moment of silence was observed for the passing of KB1GWP, W7FUR, and K1TG

**November Meeting Minutes:** The November Business Meeting minutes were published in the December Key Klix and were accepted.

**Correspondence:** The club received a note from Cub Scout Pack 27, thanking the club for helping them to participate in Jamboree on the Air. Also, we received a QSL card for the club station from Northern Ireland. And, we got a note via the Club Forum from a family that has begun pursuing ham radio after getting a good introduction by reading through our website.

**Treasurer's Report:** K1WJL read a detailed report which was accepted as read. And, the 2019 audit committee has been formed, which will be led by N1ZN.

**Station Manager's Report:** The club website was down for about an hour due to a technical issue. Work is progressing on the club's new email reflector. Winter Kids Day was a big success with about ten kids attending.

**Activity Committee:** Activities are scheduled for every month in 2019. N1ZN will give a presentation on Hardline type transmission line in January. The visit by the Salem Amateur Radio Club will possibly be re-scheduled for May.

**Saturday Mornings:** As many as twenty people visit the club on Saturday mornings for unstructured time for eyeball QSO's, use of the club station, construction projects, code practice, and elmering. Everyone is encouraged to stop by.

**Station Activations:** Sign-ups are being taken for Winter Field Day on the weekend of January 26<sup>th</sup>. Two or more station activations are planned for each month in 2019.

**Nets:** K1VDF's 10 meter net, N1ZN's 6 meter net, and K1TDO's 2 meter net continue to get between 5 and 15 check-ins each week. Also, K1LYP reports that the Nutmeg Net is temporarily meeting on the 147.36 repeater. And, K1TDO announced that his new music CD is for sale to club members at a reduced price.

**Castle Craig:** N1API reported that the 10-10 QSO party is the first weekend of February. We will kick it off on 28.375 at 00:00 UTC on February 2<sup>nd</sup>.

**Scholarship:** N1ZN is the new Scholarship Chairman. Scholarship applications will be sent out to local schools this month.

**Membership:** The club ended 2018 with 83 members. As of the business meeting, 61 members had paid their dues through 2019. Also, N1MOB applied for membership and was voted in.

**Interference and Technical:** No issues were reported

**VE and Instruction:** The next VE session is scheduled for March. The club plans to run VE sessions more frequently and is working toward getting more VEC's available to support those sessions. KC1SA has contacted the Wallingford Library to find potential dates to present Amateur Radio and our club to the public. N1GNV has taken the lead in putting together a 'Tech in a Day' program.

**Nutfest:** W1YSM, N1GNV, and WA1TRY are the Directors for the 2019 Nutmeg Hamfest. It is planned for October 13 at the Sheraton Four Points.

**Key Klix:** K1WJL welcomes any articles and photos. W1YSM thanked Dave for the consistently outstanding job he does with Key Klix.

**EMCOM / AUXCOM:** WARG is looking for more volunteers. Wallingford's 350<sup>th</sup> celebration in 2020 will likely call on the club to provide 20 members to assist in the event.

**Social Media:** KC1ISI is expanding the club's presence on social media and has used Facebook to help get the word out about our recent Kid's Day.

**Candy Store:** The club website has details about Gold Medal Ideas and MARC clothing and badges.

**Old Business:** Serafino's provided good food and service for the MARC Christmas Party. Serafino's will be asked to provide a quote for the 2019 party.

**New Business:** N1API made a motion to allow licensed amateurs under the age of 18 to become members of MARC with no annual dues. A vote on this motion is scheduled for the February business meeting.

Meeting was adjourned at 21:05      Respectfully Submitted, Dave, NZ1J

# "KIDS DAY AT THE EOC"

Saturday afternoon January 5 was Kids day at the Hope Hill OEM station, in conjunction with national kids day sponsored the the ARRL. Approximately 10 kids from Wallingford, Meriden and Durham attended, ranging in age from very young to age 15, with parents in tow. The kids were given various demonstrations of ham radio on the air, with K1VDF and KC1ISI operating the club radio room and KC1IIL operating the HF go kit from the communications trailer in the garage bay. KC1SA demonstrated SSTV as a communications mode and the youths took to the pictures sent and received over radios on 20 meters. VHF and FRS hand held radios were passed around for hands on operating. K1STM stood by at home to assist in talking with the kids over the repeater. Several brochures and a display of QSL cards were available with willing club members participating in explaining the various aspects of the hobby and showing on the world map the various countries that club members have communicate with.

A power point slide show ran continuously on the meeting room screen and K1LYP gave tours of the antenna farm, the displayed ammo can go kits, and the mobile radio set ups. W1RPN assisted in the shack, trailer and the garage areas. Husband and wife teams NZ1J/KC1NS and N1YLN/KB1TMC, and WB1GYZ worked with kids demonstration morse code to the youngsters at the CW oscillator station. The kids showed instant interest in operating the keys and keyers, and future CW proficiency began here. N1AKN took photos of the various events, and "grampa" N1ZN brought his granddaughter.

Props to K1RCT for organizing the event and KC1SA and KC1ISI for their publicity efforts, and to the rest of the club members who donated time and energy to the effort, in staffing, preparing and publicizing the Kids Day 2019. As usual, K1LYP led the set up and take down crews. It was also a nice equipment exercise for the upcoming winter field day. De Eric KB1JL





## *THE WB1GYZ FILES*

*Bob Biancur WB1GYZ*

# KC1DOY



# TED RENZONI

**Ted Renzoni KC1DOY born at Waterbury, CT, first discovered the magic of shortwave by tuning an old family console radio at age 13. The foreign languages and other strange sounds he heard opened a new world of listening for him to explore, which continued through high school. He attended Wilby High School in Waterbury and graduated UConn with a degree in psychology and minored in sociology. He then served in the Army as a 1<sup>st</sup> Lieutenant processing enlistees and inductees. Ted quips: I was the fellow who inspected, injected, detected, neglected and selected, unwitting young men. After discharge, Ted worked for the State Department of Social Services and child support investigation department. He also worked in their data integrity unit for a total of 29 years.**

**Eventually, he would meet a ham radio operator who would become his Elmer. That chance encounter, which occurred later in life, paved the way for Ted to learn CW, study for his license and eventually get his own station on the air. In 2014 he passed his Technician class license at the ARRL and has recently joined M.A.R.C. where he continues to pursue the hobby with enthusiasm.**

**He has since passed the General class license and upgraded his equipment, which now includes a Kenwood TS50s transceiver, AT50 tuner, Astron 30 PS, and a MFJ 2839 8 band vertical. He describes himself as a casual SSB operator when time permits, as he is now in process of building a new home on a lot ideally suited for long wire antennas.**

**When asked for a memorable moment while operating, Ted recalled getting a s.w.l. QSL card from television station 6, that had momentarily come in loud and clear from Greenwood, MS. This was back in the day of outdoor TV antennas. He wrote to them saying how unusual it was to have received their signal in CT. They thought so too, and replied with a letter confirming that DX contact.**

**Ted believes the hobby needs to grow and embrace new technologies, especially digital modes, even though some feel that that is a departure from true radio.**

**Bob/WB1GYZ**



# WINTER FIELD DAY 2019

Winter Field Day Association (WFDA) is a dedicated group of Amateur Radio Operators who believe that emergency communications in a winter environment is just as important as the preparations and practice that is done each summer but with some additional unique operational concerns. We believe as do those entities of ARRL Organizations like ARES & RACES that maintaining your operational skills should not be limited to fair weather scenarios. The addition of Winter Field Day will enhance those already important skills of those that who generously volunteer their time and equipment to these organizations. This is why WFD is open to all licensed amateur radio operators worldwide. More information at <https://www.winterfieldday.com/>

On January 26, 2019, the second annual MARC Winter Field Day arrived at the Yalesville EOC. The club set up one station operating 10 class (1 transmitter, outdoors) in the unheated unpowered storage shed in the back corner of the parking lot. One of the town's OEM 5 KW generator was fired up, one of the FT991a's was moved out there, the wire was strung and the HF vertical erected on the tripod, and field day began. We ended up Sunday noonish with 82 phone QSO's and 6 CW QSO's mostly on 40 meters, but also on 80 and 20. Operations were hampered by our logging and N1MM was abandoned and paper logging took over. Ed N1YLN and Clare KB1TMC ran off 41 contacts Sunday morning in their hour on 40 SSB, for best rate. Our total scored submitted was 5252 points. In 2018 WFD we scored 4818 points. Improvements were made, experience gained, skills improved, and room was left for further improvements in 2020. Band/modes count as multipliers, not sections, so next year we will have a more varied band/mode approach. 19 members either operated or logged during the contest, and everyone appeared to have fun. Thanks to the following who made it a successful and fun event: K1LYP, KB1JL, K1VDF, WB1GYZ, KC1ISI, KC1SA, N1AKN, N1GNV, N1YLN, KB1TMC, W1YSM, K1LHO and KB1ORB, and to everyone else who pitched in with logistical and moral support.



Welcome to 2019! Let's hope it's going to be an even better year for all of us. First off, a very big thank you to so many of you for helping with the annual Sock It To 'Em sock drive. With your generous donations, plus my own contribution, we'll supply over 500 pairs of socks to the local homeless shelter. Full disclosure: I plan to meet with the director next week, and he may well request a mix of socks, hats, gloves, and similar items. I promise you that every dollar donated will go to the shelter for needed items.

I'm already looking forward to my annual "Spring Training Tour". It kicks off Saturday, February 2nd at the Richmond, VA Frostfest. It's always a busy show for us, and as usual, they've pretty much sold out their tables Great facility, and an easy drive from the D.C. area. Then it's on to Orlando, FL for Hamcation on Feb 8-9-10. This is the #2 Show in the country, behind only Dayton. Lots of tailgating, and all the major manufacturers will be there. Plus, as I mentioned last month -- if you live where the earth turns into a frozen tundra every winter -- this is FLORIDA in FEBRUARY. 'Nuff said! After Orlando, we'll head down to road to Brooksville, FL on the 16th. It's a low key show, and the club is always very friendly and welcoming. The following week, we'll roll up I-75 (through Atlanta traffic, ugh!) to Dalton, GA on Saturday the 23rd. This is another big tailgating show with plenty of commercial vendors as well. Then it's on to Birmingham in Sweet Home Alabama for the BirmingHAMfest. This is a two-day show on Friday afternoon and Saturday, March 1-2. They've got a new location this year, which sounds like a nice improvement. And of course I'm really looking forward to some genuine Southern Barbecue. Golden Rule BBQ and Saw's Juke joint are on my can't-miss list, and you can be sure I'll be scouting for more! We'll finish up the trip with the Charlotte, NC Hamfest on March 8-9. This is another Friday afternoon and Saturday show. It's one of the nicest venues on the circuit, with loads of indoor tailgating. And of course, a good chance to grab some Carolina 'cue before we head home! That's 6 shows in 6 weeks -- Phew! I do hope to see you at one or more of them. If you go, please stop by and say hello. It's always my pleasure to have an "eyeball QSO" with old and new friends.

I have a few new products for you this month. Our Play-Series™ of power modules and meters continue to be quite popular for building go-kits as well as all kinds of projects in the shack or the mobile. After many requests, we now have single, double, and triple metal mounting brackets for our Play-Series™ meters and modules. All of them feature built-in nuts for easy installation. USA made, of course.

As you probably know, we offer quite a few products for portable and battery powered operation. For many years, we've carried a small charger. It's great for smaller batteries like 7AHr and 12AHr sizes. But at just 1.25 Amps max, it can take a while on larger batteries. We've added a nice 6 Amp unit for those bigger ones. It included an LED readout of voltage and current. Anderson Powerpoles included, of course. Check out the New Products page on the Web Site for all of the latest goodies and gadgets we stock.





**THE WALLINGFORD MRC IS OFFERING THE CLASSES LISTED BELOW, TO ANYONE WHO HAS AN INTEREST.. PREFERENCE IS GIVEN TO WALLINGFORD MRC & TOWN PERSONELL INCLUDING WARG MEMBERS WHO ARE CARD CARRYING EMERGENCY TYPES... HOWEVER YOU MUST PRE-REGISTER...**

# Wallingford **MRC** Newsletter

Town of Wallingford  
Health Department  
Staff:

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Director of Health  
health@wallingfordct.gov

Vanessa Bautista, B.Sc., R.S.  
Chief Sanitarian  
wallingfordv06492@gmail.com



Brittany Nappi, B.Sc.  
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Public Health Educator  
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Sandy Coker  
Office Manager

Anne Bernick, M.A., B.S.N., R.N.  
Public Health Nurse  
abernick@wlfdseniorctr.com

## Greetings MRC Members!

**Happy 2019 to everyone!**



We're looking forward to another awesome year full of trainings & keeping the community safe & healthy.

Please note the Matter of Balance Coaches training that was emailed out in the beginning of January! We are looking for more people to sign-up, so please let us know if you're interested.

If you're looking to further your training beyond the current in-person opportunities, please visit: <https://training.fema.gov/is/>



After visiting the FEMA website, go to the Independent Study section and select either: **IS-100.c, IS-700.b, or IS-200.b** which are an MRC requirement! After completion, please email a copy of your certificate to the [MRCcoordinator06492@gmail.com](mailto:MRCcoordinator06492@gmail.com). Thanks!

## Trainings:

What:	When:	Where:
<i>Narcan &amp; QPR Training</i>	6pm—8pm Feb. 13, 2019	Wallingford Public Library—Collins Room
<i>CPR &amp; AED Certification</i>	6pm—8pm Mar. 6, 2019	MRC Building, 143 Hope Hill Rd., Wlfd
<i>Until Help Arrives</i>	6pm—8pm Mar. 28, 2019	MRC Building, 143 Hope Hill Rd., Wlfd
<i>Narcan &amp; QPR Training</i>	10am—12pm Mar. 30, 2019	Wallingford Public Library—Community room
<i>Mental Health First Aid</i>	6pm—9pm April 17, 2019	Wallingford Public Library—Collins Room
<i>First Aid Certification</i>	6pm—8pm April 25, 2019	MRC Building, 143 Hope Hill Rd., Wlfd
<i>CPR &amp; AED Certification</i>	6pm—8pm May 7, 2019	MRC Building, 143 Hope Hill Rd., Wlfd
<i>Krav Maga Self Defense Seminar</i>	6pm—8pm May 23, 2019	Wallingford Parks & Rec—
<i>Mental Health First Aid</i>	10am—1pm June 8, 2019	Wallingford Public Library—Community room

**Registration:** call the office at the number below, or email [MRCcoordinator06492@gmail.com](mailto:MRCcoordinator06492@gmail.com)

# INFORMATION PAGE

# MERIDEN AMATEUR RADIO CLUB

PRESIDENT.....W1YSM ED SNYDER  
 VICE PRES.....KB1JL ERIC OLSSON  
 SECT.....NZ1J DAVE TIPPING  
 TRES.....K1WJL DAVE SWEDOCK  
 STATION A.M...K1RCT ROB CICHON

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

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**CLUB NETS**

**6 MTR NET** MONDAYS 8PM  
 50.175MHZ N1ZN JIM

**2 METER NET** TUESDAYS 7:30PM  
 147.36 /RPT K1TDO TODD

**10 METER NET** TUESDAYS 8PM  
 28.375MHZ K1VDF JOHN

**10/10 CASTLE CRAIG CHAPTER**  
 CONCURRENTLY WITH CLUB NET  
 28.375MHZ TUESDAYS 8PM N1API AL

**CLUB DUES STRUCTURE (JAN-DEC)**

UP TO 64 YRS OF AGE--\$20/YR

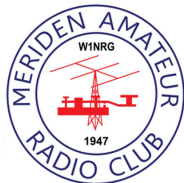
SENIOR DISCOUNT 65 & UP--\$15

**WEBSITE:** (USE LOWERCASE)  
[www.w1nrg.com](http://www.w1nrg.com)

**FORUM/BBS:**  
[www.w1nrg.com/forum/](http://www.w1nrg.com/forum/)  
 or go to website and follow links

**CASTLE CRAIG 10-10 WEBSITE:**  
 go to [www.w1nrg.com](http://www.w1nrg.com)  
 and follow the links

**CLUB REPEATER W1KKF/R**  
 147.36MHZ +600 OFFSET  
 NO PL TONE (OPEN REPEATER)



AB1DQ	James Surprenant	19	KC1ISI	Kristin Olsson	19	<b>W1RPN</b>	<b>Seth Kolasinski</b>	<b>18</b>
AB1HB	Charlie Dudac	19	KC1NS	Nancy Tipping	19	W1UFO	Mike Cei	19
AF1HS	Art Fregeau	19	KC1SA	Stephen Allen	19	W1VCU	Nelson Denison	L
K1IIG	Steve Tripp	19	<b>KD1JG</b>	<b>Robert Cartier</b>	<b>18</b>	W1XK	Stan Kugler	19
K1JCF	Joe Farrell	19	KE1AU	Robert Kaczor	19	W1YSM	Ed Snyder	19
K1LHO	Mike Ash	19	KE1AY	Donald Mitchell	19	WA1FFT	Ray Irwin	19
K1LYP	John Yusza	19	KE4EYA	Ralph Ring	19	WA1JKR	John Rogus	20
K1MMK	Mike MacKennedy	20	KR1U	Bob Eslinger	19	WA1SFH	Douglas Sharafanowich	19
K1MVM	Mike Macri	19	N1API	Al Kaiser	19	WA1TRY	Rich Aubin	L
K1PU	Mark Mokoski	19	N1AKN	Jeff Dwyer	19	WA1ZVY	Jim Martin	19
K1RCT	Rob Cichon	19	N1MOB	Dan David	19	<b>WB1GGP</b>	<b>Jerry Shepard</b>	<b>18</b>
<b>K1SEZ</b>	<b>Paul Ciezniak</b>	<b>18</b>	N1POP	Greg Ploski	19	WB1GYZ	Bob Biancur	19
K1STM	Anne West	19	N1BF	Patrick Dionne	19	WB8IMY	Steve Ford	20
K1TDO	Todd Olsen	19	N1BRL	Bart Toftness	19	<b>WV2LKM</b>	<b>Steve Waldmann</b>	<b>18</b>
<b>K1TGX</b>	<b>Jerry Molaver</b>	<b>18</b>	N1GNV	John Bartscherer	19			
<b>K1THP</b>	<b>Dave Karpiej</b>	<b>18</b>	N1GY	Geoff Haines	21			
K1VDF	John Blevins	19	N1HCA	Susan South	19			
K1WJL	Dave Swedock	19	<b>N1JRC</b>	<b>John Collin Jr</b>	<b>18</b>			
K1XJ	Kevin Buchanan	19	N1LGH	Barbara Stone	19			
<b>KA1TMN</b>	<b>Steve Hull</b>	<b>18</b>	N1NAN	Helen Spokes	19			
KB1EHE	Eric Knight	19	N1OKF	Bob Parisi	19			
<b>KB1FYL</b>	<b>Bob Carruthers</b>	<b>18</b>	N1OKR	Frank Ciccone	19			
KB1HCC	Jonathan Winslow	20	N1YLN	Edward O'Lena	19			
KB1IFZ	Elsie Mathews	19	N1ZN	James Savage	19			
KB1JL	Eric Olsson	19	<b>NY2HF</b>	<b>Dennis Lane</b>	<b>18</b>			
KB1ORB	Mark Noble	19	NZ1J	Dave Tipping	19			
<b>KB1TJD</b>	<b>Gaianne Jenkins</b>	<b>18</b>	W1DJB	Dylan Barrett	19			
KB1TMC	Clare O'Lena	19	<b>W1DUP</b>	<b>Sherlock Campbell</b>	<b>18</b>			
<b>KB1YFJ</b>	<b>Glen Couture</b>	<b>18</b>	W1DQ	John Elengo	19			
<b>KC1FJJ</b>	<b>Richard Nagy Jr.</b>	<b>18</b>	W1KKF	Bill Wawrzeniak	L			
KC1HDB	Jeff Martin	18	<b>W1LV</b>	<b>Steve Morley</b>	<b>18</b>			
KC1HFO	John Stoidis	19	<b>W1NDT</b>	<b>Bob Lombardo</b>	<b>18</b>			
KC1IIK	Scott Mowerson	19	W1NHS	Fred Ring	19			
KC1IIL	Matt Mowerson	19	<b>W1POP</b>	<b>Fred Liedke</b>	<b>18</b>			

2019 DUES ARE NOW PAYABLE TO  
 YOUR TRES. K1WJL...  
**IT MAY TAKE A MONTH OR TWO  
 TO UPDATE THIS LIST...  
 ANY QUESTIONS PSE  
 CONTACT K1WJL**