

KEY KLIX

DECEMBER 2019

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

1947 -- 2019

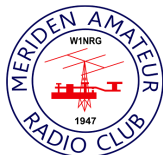
MERIDEN AMATEUR RADIO CLUB

OFFICIAL MAILING ADDRESS, MERIDEN AMATEUR RADIO CLUB,
POB 583, MERIDEN CT 06450

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

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

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





ACTIVITY NIGHTS & EVENTS, ED W1YSM (ACTING ACTIVITIES MANAGER)

2019

| | |
|---------|---|
| DEC 5 | MARC YEAR IN REVIEW + YEAR AHEAD PIZZA / SODA START TIME ~6PM |
| DEC 7 | CQ SANTA AT THE OEM 10AM TO 2PM |
| DEC. 12 | CHRISTMAS PARTY - NO ACTIVITIES MEETING 6PM AT SERAFINO'S |
| DEC 14 | VE SESSION & 10 METER CONTEST ACTIVATION |

Special December Activity Thursday Dec 5th at the EOC.

A December strategic *informal* planning session complete with Pizza & Beverages (Soda & H2O), reviewing the past year and looking to the year ahead. Maybe some video and visual aides to assist the process. & maybe a few surprises...Start time is about 6pm.

CQ Santa at the EOC

Our first ever operation of providing direct communication between local kids and Santa Claus will be on Saturday Dec 7th at the EOC. Event strategist & President Ed W1YSM has the logistics mapped out to the finest detail, but then again the Grinch (which we refer to as Murphy) just might be waiting in the wings??. We could use a hand or two, the Wallingford Health Dept, the Wlfd Dept of EOM & the Fire dept will also be involved, as well as visit from the Mayor himself.

MARC Christmas Party Thursday Dec 12

Our annual Christmas Extravaganza will be on Thursday Dec 12, at Serafino's Restaurant, 72 South Turnpike Road, Wallingford (almost directly across from the Oakdale Theater). Cocktails at 6pm, open barb (courtesy of El Presidente W1YSM), Dinner at 7pm. Cost is \$23 per person, payable to Dave K1WJL, checks should be made out to the MARC. Please give your RSVP's to Dave ASAP. Dues for the 2020 year are being accepted, \$20 for a Regular Member (anyone under 65), \$15 for Senior Members (65 & over), a licensed ham under the age of 18 is free.

VE Session Saturday December 14

Don KE1AY et al, will conduct a VE session, walk-ins are welcome...

W1VCU Nelson Denison Silent Key

Our most senior member (service-wise), Nelson W1VCU passed away in November in Bowie Md., His full obituary is inside this pub. Although he has not lived in Meriden since 1954, he was active in supporting the MARC throughout the years.

Club Elections

It was a tightly run campaign & election, the debates were somewhat contentious on topic of fake QSL cards from Ukraine and of course the Russian counterpart of the ARRL announcing the election results on Wednesday prior to the thursday elections.

After two full recounts of polling precincts, the following were certified as "real winners"

- President Ed Snyder W1YSM
- Vice Pres. Eric Olsson KB1JL
- Sect. Anne West K1STM
- Tres. Dave Swedock K1WJL
- S.A.M. Rob Cichon K1RCT

Congrats to all and Thank You to Anne K1STM for accepting the Sect's position....



MARC AS A SWISS ARMY KNIFE

A Swiss Army Knife is a tool that is known for its versatility and usefulness for a myriad of applications. If you will pardon my fractured metaphor, I liken MARC and its cousin WARG, to such an implement. Like a Swiss Army Knife, MARC can help out in a multitude of situations at any time, be available and knowledgeable when needed, and often help to save the day.

The weekend of November 23-24 saw MARC and its members participate in a variety of activities. First Dave NZ1J took on the challenge to summit Mt Higby which he did and made 11 QSO's one of which was W1YU in New Haven at the Yale Bowl (see below). This activity was in support of Summits On The Air (SOTA) and helped plant MARC's radio flag in that program. Dave kindly agreed to discuss his adventure at our June activities meeting. This may lay the ground work for MARC to host a local DXpedition. Maybe other clubs will join; nice work Dave.

Also, at the MARC/WARG OEM on November 23, was the Saturday Morning Activity Group. That day 16 hams and friends visited. Activities included: Jeff N1AKN and his repair team, several members operated the radio station; other members supported NZ1J during his SOTA, standing-by to help with QSOs (see above); Ralph KE4EYA and Rob K1RCT worked on the MARC Web Site; and several members came to just rag chew and just enjoy the company of fellow club members. A typical day at the MARC office – a little something for everyone.

While these Saturday activities were occurring, 4 MARC members provided Emergency Communication support for Yale for the Yale-Harvard Game. Four MARC members, Ed W1YSM and John K1LYP worked as Co-NCS in the Command Center, James AB1DQ, Andrew W1AJK, and Alex KB1SSN acted as roving Communication spotters in the Parking Lot, Student Tailgating area, Medical Tent and Trailer as well as being eyes and ears inside the Yale Bowl. They were accompanied by Scott N3NFP and Jeremy KB1REQ. We passed 15 pieces of traffic to the Command Center and coordinated efforts with multiple served agencies -- New Haven, West Haven and Yale Police, NH Fire and AMR Ambulance. Coordination was managed by Yale University OEM – which had invited our participation. Although not a formal WARG activation, nor an official MARC Club activity, the Yale Bowl support effort, involved MARC's interaction with W1YU the Yale Amateur Radio Club. Such interactions may presage many such activities going forward as MARC and its members work to provide support for Public Service activities. Not bad for one Saturday.

Although the Swiss Army Knife may be a tortured metaphor for MARC activities – clearly our Amateur Radio Club can handle myriad ongoing simultaneous activities helping to advance our beloved hobby. We seem to have the right person for just the right job. Actually, when you think about it, maybe the metaphor isn't so convoluted after all.

Ed W1YSM
President MARC



Secretary Report & Minutes of the Meriden Amateur Radio Club Dave Tipping NZ1J , Secretary

Meeting was called to order at 19:29 EST by President W1YSM

Introductions / Members Present: Introductions were made by 37 members in attendance.

Announcements:

Tonight's meeting will include election of officers for 2020.

The club will have a special 'Year in Review' activity meeting in December.

Payment for the Christmas Party can be given to K1WJL.

An entertainment system, donated by WB1GYZ, will be auctioned at the Christmas Party.

Secretary's Report:

The October Business Meeting minutes were published in the November Key Klix and were accepted.

Treasurer's Report:

K1WJL presented the Treasurer's Report, which was accepted.

The annual audit will be scheduled in the near future.

Station Manager's Report:

The power supply for the FT-950 appears to have failed. The FT-950 is now running on a 35A supply.

K1RCT, KC1GMD, and NZ1J will begin work to update the club website.

Activity Committee: There will be no activity meeting in November.

There will be a special 'Year in Review' activity meeting on December 5th at 6pm.

Saturday Mornings: About 20 people visit the club on Saturday mornings.

Station Activations: N1YLN will have a full report at the December 'Year in Review'.

We are planning a W1W special event station for June 2020.

Nets: K1VDF's 10 meter net, N1ZN's 6 meter net, and K1TDO's 2 meter net continue to get between 6 and 19 check-ins each week. The Nutmeg Net is currently on the 147.36 repeater four nights per week. The new TechNet will likely move to the Thursdays that are not MARC meeting nights.

CQ Santa: December 7, 10am - 2pm. The Town should be providing popcorn, crafts, and a fire engine for display.

The Mayor may visit. The flyer is ready for distribution. K1WJL will be Santa.

Castle Craig: No activity this month.

Scholarship: Letters will be sent out after the holidays. This year will be Wallingford only.

Membership: We have 84 members paid through the end of 2019.

Interference and Technical: No issues to report.

VE and Instruction: An exam session is scheduled for December 14th.

Nutfest: We had about 310 attendees and received good feedback.

Key Klix: The November Key Klix has been distributed. Articles and photos for upcoming issues are always welcome.

EMCOM / AUXCOM:

K1LYP and KB1JL attended 'Train the Trainers'.

About nine members of MARC are also part of CERT.

YL/XYL Committee: No new activity.

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

Christmas Party: This year's party will cost \$23 per person. Payment can be made to the Treasurer.

Old Business: We are continuing to review our insurance coverage for Nutfest.

Elections:

A slate of officers ran unopposed and were voted into office for 2020.

W1YSM President

KB1JL Vice President

K1STM Secretary

K1WJL Treasurer

K1RCT Station Activities Manager

Ballots were cast for Ham of the Year and Elmer of the Year. The results will be announced at the Christmas Party.

Meeting was adjourned at 20:47

Respectfully Submitted,
Dave, NZ1J

W1VCU Nelson Denison SILENT KEY



W1VCU Nelson was first licensed in 1951/1952 as WN1VCU (from 1952 Callbook), which made him the most senior member of the MARC. Bill W1KKF is next followed by Dave K1WJL. Nelson was stationed in Puerto Rico along with Al N1API and they became very good friends. Dave Bristol KS1K also became friends and would make pit stops in Bowie MD. on the way to and from Florida. Nelson would send Electronic Care packages for the club via Dave KS1K. He enjoyed hearing from our members and reading the Key Klix each month. In one of the pictures in his video tribute was of him at the rig with the last page of the Key Klix prominently displayed in front of him. His family has donated all of his radio equipment to the MARC.

Mr. Nelson C. Denison, of Bowie, Maryland, passed away on Tuesday, November 12, 2019 at the age of 84.. Nelson was born on November 21, 1934 in Meriden, CT to Charles and Anna Denison. He attended Cheshire Academy. He managed the radio station WCMC in his youth and he was a lifelong amateur HAM Radio operator. In 1954, he joined the U.S. Navy. Nelson served for 22 years and then went on to work for the Department of the Navy for 20 years in the area of communications. Also, in 1954 he married Audrey Jane Swain of Meriden. They had 4 daughters, Donna (Kevin), Karen (Mike), Cindy, Alison (Scott). He is survived by 9 grandchildren; Joseph, Erin, Jinnifer (Christopher), Caitlin (Juan), Nathan, Emily, Richard, Amanda, and Samuel; also 2 great grandsons; Declan and Kaiden. He is preceded in death by his wife, Audrey.

<https://www.beallfuneral.com/obituary/nelson-denison>

ARRL MARC Local Contest Operators de N1API

In order to submit a log for Meriden ARC in the ARRL contests, you must be listed under W1NRG's group of operators who have expressed a desire to contest for the Club. I have volunteered to maintain the list of operators and submit them to the ARRL.

MARC enters in the Local Class, of operators within a 35 mile limit of the club. In this class we compete with other local club and small contest groups. There is no limit to the number of members we can list. You can submit for any of the ARRL Contests, SSB, CW or Digital where the rules allow Club Competition. If you would like to join this distinguished group of operators the procedure is simple, just sent me an email with your call and your 6 digit locator grid. You can also leave me a private message in the W1NRG Forum. If you do not know your 6 digit grid or your listed address is a PO Box, (we are all in FN31), I can find it from your street address. It is also listed in your QRZ information under the "Details" tab.

We've had a number of new members join who have an interest in contesting and a few who've improved their antenna systems. Even if you only make 20 or 25 QSOs from your home QTH, every point helps us when the scores are tallied to compete against the other local clubs. You can also list as a local member even if you belong to a larger contesting group for those contests the bigger groups don't participate in like the State and Local QSO Parties and contests.

The current list of members who are listed as MARC contesters are:

N1API, FN31om W1NRG, FN31ol W1DQ, FN31nl KE1AU, Fn31nm WA1TRY, FN31tw
K1STM, FN31no N1ZN, FN31nk K1WJL, FN31om W1KKF, FN31nl K1MVM, FN31mp
K1LHO, FN31om

Come join us in the fun!

-73-

Al - N1API



Sniffing Interference by Steve Allen KC1SA

At several points in my career I had access to EMI and TEMPEST chambers with a few hundred thousand dollars of sophisticated electronics snooping equipment. Looking at ground currents to see what letter a printer was printing and similarly determining what key was being pressed on a keypad, this is the crazy stuff in the world of the NSA. Back to reality and my limited budget to find my elusive RF in the shack, I to the February 2015 issue of QST where AG1YK had written an article of a cheap home brew Field Strength meter. Perhaps this could help me figure out what was the root cause of my EMI issues (which I think I already knew but wanted some confirmations).

Here is a snapshot of the circuit and the modifications of the HF (Harbor Freight) DMM from the 2015 article.

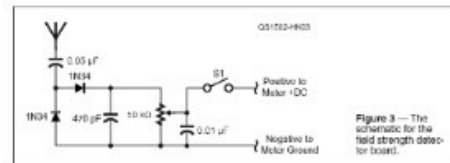


Figure 3 — The schematic for the field strength detector board.

Getting a source of IN34 germanium diodes can be a challenge, but thanks to e-Bay, order to soldering iron was only about 5 days. (I work for the largest electronic distributor and we do not sell IN34 diodes... go figure).



Figure 4 — The detector board mounted inside the multimeter case. The bottom of the board is insulated with plastic tape. [Richard Russo, K8GVZL, photo]

After mod'ing the DMM and placing the circuit in ample space in the meter, I checked out my work. Firing up the HT near the unit had showed voltage readings of more than 200 mV. I fired this up while operating CW for the CQ WW CW contest this past weekend and found numbers from less than 1mV to more than 50mV. Today I ran a simple test where my feedlines enters my shack. One feedline is for my endfed, which operates from 160m through 6m, while the other feedline is for my hex beam, which operates from 20m through 2m.

Here's the results;

| | | | | | |
|--|-------------|---------------|-------------|---------------|--|
| Wattage | 70W | | | | |
| Mode | CW | | | | |
| Message | KC1SA | | | | |
| | IC-7610 * | | TS-2000 ** | | |
| Frequency Mhz | Endfed Peak | Hex Beam Peak | Endfed Peak | Hex Beam Peak | |
| 1.8300 | > 200mV | n/a | 175mV | n/a | |
| 3.5400 | 9.5mV | n/a | 9.0mV | n/a | |
| 7.0400 | 5.1mV | n/a | 3.6mV | n/a | |
| 14.0300 | 50.9mV | 2.6mV | 48.9mV | 2.1mV | |
| 18.0800 | 4.7mV | 0.4mV | 1.7mV | 0.3mV | |
| 21.0400 | 0.8mV | 0.3mV | 0.5mV | 0.4mV | |
| 24.9000 | 3.1mV | 0.1mV | 3.5mV | 0.3mV | |
| 28.0400 | 13.2mV | 0.1mV | 11.1mV | 0.1mV | |
| 50.0500 | 10.7mV | 0.1mV | 15.2mV | 0.1mV | |
| * Endfed Antenna Tuner = MFJ-939 Hex Beam Antenna Tuner = Internal IC-7610 (antenna is resonant across bands) | | | | | |
| ** TS-2000 Internal tuner used across all bands and both antennas | | | | | |



The frequency band that gives me the most issues is 40 meters. My GFI breaker for the radiant floor heat in my bathroom always trips when 40 meters is transmitted, even with as little as 5 watts! My Linksys EA7300 router was problematic with 40 meters as well, but after putting my Balun Designs 1116DN UnUn right at the entry of the endfed feedline into the shack this issue has stopped.

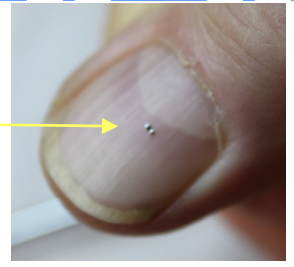
73 – KC1SA



FROM K1LYP..
A 10KW RF DUMMY LOAD

ANSWER TO LAST MONTH'S _____ WHAT IS IT??
ANSWER RESISTORS —FROM SMALLEST TO LARGEST

FROM N1AKN:
A RESISTOR IN THE MILLI-
WATT CATEGORY FROM A
HANDHELD.



THE SECURITY REPORTING & OBSERVATION TEAM FOR THE YALE-HARVARD GAME AT THE YALE BOWL. ALTHOUGH NOT AN OFFICIAL MARC/WARG EVENT, WE DID HAVE A GOOD SHOWING FROM THE CLUB.....ED W1YSM, JAMES AB1DQ & JOHN K1LYP ...



JOHN N1GNV IS COORDINATING THE TEN METER DX CONTEST ON SAT/SUN DEC14/15 AT THE EOC... PLEASE CONTACT HIM IF INTERESTED IN OPERATING

Operating slots for the upcoming 10 Meter Contest are filling quickly.
Here is the schedule as of now – all times are local:

Saturday 12/14/19
7AM-9AM – N1GNV
9AM-11AM – open
11AM-1PM – K1VDF
1PM-3PM – K1RCT
3PM-5PM – K1RCT

Sunday 12/15/19
7AM-9AM – open
9AM-11AM – KB1JL
11AM-1PM – N1YLN/KB1TMC
1PM-3PM – open
3PM-5PM – open
Grab your preferred spot before it's filled!



NZ1J DOING THE SUMMITS

A compilation of his emails Sleeping Giant & Mount Higby

I went back to Sleeping Giant today with an updated 2 meter station. With my 1979 vintage Yaesu FT-227R, a seven pound battery, and a homebrew dipole, I got good results. I made 18 contacts with no trouble. KB1JL clued me in to simplex activity on 146.58 and I got a contact there, as well as the bulk on 146.52 AB1DQ went to the East Rock summit for a summit to summit contact. WA1TRY was set to beam down a signal from Ellington, but found himself away from home with radiator trouble (the radiator that cools the car's engine, not an RF radiator) KC1KQH made his first 2 meter simplex contact with me today.

I carried 17 pounds today, the bulk of which was the radio and battery. Though that was manageable, I wouldn't want to carry much more. I want to thank everyone who took the time to listen for me. Hiking to the summit can be fun, but making some contacts is what makes it a success. I'm happy to do some more solo activations, but I'm also happy to do some arm twisting to find someone to come along. I think 'Summits on the Air' has a lot of opportunities. The activations can be from any recognized summit, at any time, and on any band and mode. Without stretching the envelope very far, there is Mt. Higby in Middletown, weekend activations, activations

My thanks to everyone who took the time to listen for me from Mt. Higby. I managed to take two wrong turns on the way to the summit and ended up hiking 2 hours and 9000 steps to get there. Unfortunately, I was a lot later than I'd planned. The return trip wasn't as bad and I'll know better for next time. My GPS left bread crumbs along the virtual trail, which I think will be very good to have. I made eleven contacts from the summit, which I think was good considering all I had was a hand held and a 'rubber duck' antenna. I'm not in a rush to do this one again, but I think I should be able to do this hike next year and bring along a better antenna. Though this is a 900 foot summit, there is not a clear view to the south or east. I have attached a photo that shows the view to the west. That's I-91 in the foreground.

Dave NZ1J



W1NRG

Is proud to certify that

talked to Santa via Amateur Radio
on Saturday December 7, 2019
On the Two Meter Band, SSB, frequency of 144.15 MHz

*I really enjoyed talking with you today.
 Happy Holidays, Ho Ho Ho, Merry Christmas
 Your Friend, Santa Claus
 North Pole*

Verified by *Ed Snyder* Ed W1YSM, President WARG/MARC

MARC 2020 MONTHLY CLUB EVENTS CALENDAR

DRAFT

| | |
|-----------|---|
| JANUARY | Winter Field Day |
| FEBRUARY | |
| MARCH | |
| APRIL | |
| MAY | |
| JUNE | 350 th Parade 6/20; Field Day 6/27 |
| JULY | 13 Colonies; LITP 7/23; FOXHUNT/SOTA |
| AUGUST | US Islands |
| SEPTEMBER | MS Walk |
| OCTOBER | Fishbein Race; Celebrate Wlfrd |
| NOVEMBER | Thanksgiving 7/26 |
| DECEMBER | MARC YIR 12/3; CQ Santa 12/5; Holiday Party 12/10 |

MARC 2020 ACTIVITIES MEETINGS

4TH THURSDAY OF THE MONTH AT 7:30p – 8:30p

| | | |
|--------------|--|------------------------|
| JANUARY 23 | Tower Installation and Tower Safety | John K1LYP |
| FEBRUARY 27 | CW and Morse Code – From Then ‘Til Now | Eric KB1JL and friends |
| MARCH 26 | Field Day in the Field–A Wilderness Preparedness Guide | Ed N1YLN |
| APRIL 23 | | |
| MAY 28 | TOPIC TBA - Digital Modes (?) | Scott N3NFP |
| JUNE 25 | Summits OTA - How a Ham Summits a Mountain - Lessons Learned | Dave NZ1J |
| JULY 23 | Lark in the Park | |
| AUGUST 27 | Jeopardy for Hams | John K1LKL |
| SEPTEMBER 24 | | |
| OCTOBER 22 | | |
| NOVEMBER 26 | Thanksgiving Day - | NO ACTIVITIES MEETING |
| DECEMBER 3 | MARC Year-in-Review + Year Ahead [Pizza & Soda] | |
| DECEMBER 10 | Christmas Party - | NO ACTIVITIES MEETING |

LOGISTICAL PLAN FOR CQ SANTA

MARC/WARG

| ACTIVITY | UNIT RESPONSIBLE | NUMBER NEEDED | RESPONSIBILITY | INDIVIDUAL | ACTIVITY LOCATION |
|-----------------------------|------------------|---------------|--|--------------------------------|------------------------------|
| OVERALL RADIO COMMAND | MARC/WARG | 1 | OVERALL MANAGEMENT OF RADIO OPERATION | ED W1YSM | FRONT AND FIREHOUSE BAY AREA |
| INSIDE GUEST/FAMILY COMMAND | MRC | 1 | OVERSEE INSIDE AREA CHILD ACTIVITIES; ELVES; SNACKS; CRAFTS; MASTER'S MANNA | STEVE CIVITELLI | INSIDE AREA |
| FIRE BAY OPS COMMAND | MARC/WARG | 1 | OVERSEE TECHNICAL OPERATION OF TRAILER ANTENNA AND RADIO CONTACTS WITH SANTA | JOHN K1LYP | FIREHOUSE BAY |
| FIRE BAY RADIO SUPPORT | MARC/WARG | 2 | ASSIST WITH ANTENNA AND RADIO SET UP AND ONAIR ACTIVITIES | ERIC KB1JL | FIREHOUSE BAY |
| SANTA ONAIR RADIO OPERATORS | MARC/WARG | 2-3 | ON AIR OPERATORS LICENSED HAMS HANDLING SANTA CONTACTS | Ted KC1DOY Dave NZ1J 3 | TRAILER IN FIREBAY |
| DOOR GREETER | MARC/WARG or MRC | 1 | GREETES FAMILIES; LOGS NAMES AND GIVES OUT TICKET FOR SANTA | 1 2 | INSIDE |
| INSIDE ELVES | MRC/P&R/Y&SS | 5 + | Oversee children activities and needs while waiting to talk to Santa; monitor crafts and food; Monitor Movie | MRC | Inside |
| TRANSITIONAL ELF | VOLUNTEER | 1 | Brings child/family from Inside area to Bay to speak to Santa | Trish Dahl (NEEDS FRS) | INSIDE AND FIREBAY AREA |
| SANTAS | MARC/WARG | 2-3 | BE SANTA | K1VDF JOHN K1WJL DAVE 3? | "NORTH POLE" |

SATURDAY DECEMBER 7, 2019 1000 – 1400 ET - OEM

MARC Year in Review – Strategic Planning Session

December 5, 2019

6:00p – 8:30p

OEM - 143 HOPE HILL ROAD, Wallingford

- Pizza and Soda 6:00p – end
- MARC 2019 – What Worked and What Didn't 6:15p – 6:30p
- Equipment Donations – new and old – what to do with them? 6:30- 6:45p
 - o Refurbish (Jeff)
 - o Load
 - o Rent
 - o Raffle / Sell
 - o Who sends thank you/condolence card if needed/should we?
- Fox Hunt – Can we make it a reality? & 6:45p – 7:00p
- Expedition SOTA(?) any interest 6:45p - 7:00p
- Web Site – (What's new) 7:00p – 7:15p
- Events: what should MARC be involved in for 2020 (see attached) & 7:15p – 7:30p
- Activities Session Talks 7:15p - 7:30p
- Open House Saturdays 12:00p – 2:00p (if so, how often?) 7:30p – 7:45p
- Activations (How many?) 7:45p – 8:15p
- Outreach/New Members (How, where?) 8:15p – 8:30p
- ADJOURN 8:30p

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

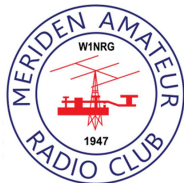
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CLUB NETS
6 MTR NET MONDAYS 8PM
 50.175MHZ N1ZN JIM
2 METER NET TUESDAYS 7:30PM
 147.36 /RPT K1TDO TODD
10 METER NET TUESDAYS 8PM
 28.375MHZ K1VDF JOHN
10/10 CASTLE CRAIG CHAPTER
 CONCURRENTLY WITH CLUB NET
 28.375MHZ TUESDAYS 8PM N1API AL

CLUB DUES STRUCTURE (JAN-DEC)
 UP TO 64 YRS OF AGE--\$20/YR
 SENIOR DISCOUNT 65 & UP--\$15

WEBSITE: (USE LOWERCASE)
www.w1nrg.com
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
 NO PL TONE (OPEN REPEATER)



| | | | | | | | | |
|--------|------------------|----|--------|------------------|----|--------|-----------------------|------|
| AB1DQ | James Surprenant | 19 | KC1HFO | John Stoidis | 20 | W1KKF | Bill Wawrzeniak | L |
| AB1HB | Charlie Dudac | 19 | KC1IHK | Scott Mowerson | 19 | W1LV | Steve Morley | 20 |
| AF1HS | Art Fregeau | 19 | KC1IIL | Matt Mowerson | 20 | W1NHS | Fred Ring | 19 |
| K1IIG | Steve Tripp | 19 | KC1ISI | Kristin Olsson | 20 | W1NNZ | William Kosche III | 19 |
| K1JCF | Joe Farrell | 20 | KC1KQH | John Kasinskas | 19 | W1POP | Fred Liedke | 21 |
| K1LHO | Mike Ash | 20 | KC1NS | Nancy Tipping | 19 | W1UFO | Mike Cei | 19 |
| K1LYP | John Yusza | 20 | KC1SA | Stephen Allen | 21 | W1VCU | Nelson Denison | L—SK |
| K1MMK | Mike MacKennedy | 20 | KE1AU | Robert Kaczor | 20 | W1XK | Stan Kugler | 19 |
| K1MVM | Mike Macri | 19 | KE1AV | Dave Sanford | 20 | W1YSM | Ed Snyder | 20 |
| K1PU | Mark Mokoski | 19 | KE1AY | Donald Mitchell | 20 | WA1CT | Paul Stasieluk | 20 |
| K1RCT | Rob Cichon | 19 | KR1U | Bob Eslinger | 19 | WA1FFT | Ray Irwin | 19 |
| K1STM | Anne West | 20 | N1API | Al Kaiser | 20 | WA1JKR | John Rogus | 20 |
| K1TDO | Todd Olsen | 20 | N1AKN | Jeff Dwyer | 20 | WA1SFH | Douglas Sharafanowich | 19 |
| K1TGX | Jerry Molaver | 22 | N1BF | Patrick Dionne | 19 | WA1TRY | Rich Aubin | L |
| K1THP | Dave Karpiej | 19 | N1BRL | Bart Toftness | 20 | WA1ZVY | Jim Martin | 20 |
| K1VDF | John Blevins | 19 | N1GNV | John Bartscherer | 19 | WB1GGP | Jerry Shepard | 19 |
| K1WJL | Dave Swedock | 20 | N1GY | Geoff Haines | 21 | WB1GYZ | Bob Biancur | 20 |
| K1XJ | Kevin Buchanan | 19 | N1HCA | Susan South | 19 | WB8IMY | Steve Ford | 20 |
| KA1MWX | Paul Stasieluk | 20 | N1KGY | Chuck Ayers | 20 | WV2LKM | Steve Waldmann | 19 |
| KB1EHE | Eric Knight | 20 | N1LGH | Barbara Stone | 19 | | Ron Rogers | 20 |
| KB1FYL | Bob Carruthers | 20 | N1MOB | Dan David | 19 | | | |
| KB1HCC | Jonathan Winslow | 20 | N1NAN | Helen Spokes | 19 | | | |
| KB1IFZ | Elsie Mathews | 20 | N1OKF | Bob Parisi | 19 | | | |
| KB1JL | Eric Olsson | 20 | N1OKR | Frank Ciccone | 20 | | | |
| KB1MFU | John Ramadei | 19 | N1POP | Greg Ploski | 19 | | | |
| KB1ORB | Mark Noble | 19 | N1YLN | Edward O'Lena | 19 | | | |
| KB1SSN | Alex Dills | 20 | N1ZN | James Savage | 20 | | | |
| KB1TJD | Gainne Jenkins | 20 | NZ1J | Dave Tipping | 22 | | | |
| KB1TMC | Clare O'Lena | 19 | W1AJK | Andrew Kazimer | 20 | | | |
| KB1YFJ | Glen Couture | 19 | W1DJB | Dylan Barrett | 19 | | | |
| KC1DOY | Ted Renzoni | 19 | W1DQ | John Elengo | 20 | | | |
| KC1FJJ | Richard Nagy Jr. | 19 | | | | | | |
| KC1GMD | Ralph Ring | 20 | | | | | | |

**THERE MAY BE A MONTH OR TWO
 TIME LAG FOR DUES TO BE SHOWN
 AS PAID. INQUIRE WITH THE TRES.
 K1WJL TO VERIFY...**