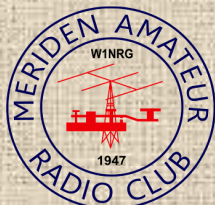


MERIDEN AMATEUR RADIO CLUB

KEY KLIX



1947 -- 2019

OCTOBER 2019



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

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

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

2019 NUTMEG HAMFEST

ARRL CT STATE CONVENTION

SPONSORED BY THE MERIDEN AMATEUR RADIO CLUB INC
& THE NUTMEG HAMFEST ALLIANCE INC

SUNDAY OCTOBER 13
FOUR-POINTS SHERATON HOTEL
275 RESEARCH PARKWAY
MERIDEN

8AM TO ~2PM

**ALTHOUGH 2PM IS LISTED AS CLOSING,
IT IS STRONGLY ADVISED TO ATTEND BEFORE 12 PM**



The President's Net Control Corner

Ed WIYSM, President MARC



CQ SANTA AT THE EOC

On Saturday, December 7 (Snow date Dec 14), from 10am -1pm, MARC will set up one or two transmitters to have children with their parents or guardians, come to the OEM to contact Santa and/or Mrs. Claus with their Christmas wish(es). The name of this event is "CQ Santa".

The proposed CQ Santa Event is not original but contacting Santa by Amateur Radio is new to MARC and the Town of Wallingford. As conceived, we will need multiple club members and the distaff side of the club – YLs, XYLs and significant others, to help provide a truly warm and welcoming environment for the children - who can choose to contact Santa or Mrs. Claus. I envision several of us will be clad in red and white Santa hats, with candy canes and chocolate Santa's available as well as healthy snacks and drinks. No one needs to, or should, dress up as ELF – and No Reindeer ----PLEASE.

The radios will likely be set up in the main room in two different areas one for Santa and one for Mrs. Claus. I foresee some Christmas decorations -- perhaps a modest Christmas tree (and maybe a Menorah?). Likely we will use the W1KKF repeater and a simplex frequency. The disembodied voices of Santa and the Mrs. will be on the other end of the transmissions, ensconced in their respective QTH's.

Once made aware of the event, Town officials responded with strong support. Len Guercia has informed us that as the Lead player, MARC (WARG) will be coordinating this effort with multiple town agencies: MRC, CERT, OEM, Park and Rec, and the Dept of Social Service. The Mayor himself has expressed enthusiasm and may well attend if his schedule permits. That so many Agencies are involved, speaks to the town-wide appeal of this event and the impact it could have. We will be supporting Master's Manna Food bank. The price of admission will be a non-perishable food item to support those town citizens most in need of food for their families during the holiday season. It's a bit late for a toy drive I am told.

We have several media contacts and can expect TV and newspaper coverage of the CQ Santa event. I anticipate that while the younger children negotiate with Santa, or the Mrs., for their gifts, the older children (or adults) might be enticed to learn more about amateur radio and to become involved in the hobby - maybe we can pick up a new member! We will need senior Hams to be present to Elmer the curious and the inquisitive. Here is a chance to make new Hams; we will have brochures at the ready.

Our club should foster various ideals that show its value to its members and its support of the community, MARC is, as it should be, dedicated to: supporting amateur radio as a hobby, advancing radio science, educating and encouraging new amateur hopefuls, both young and old, to get or upgrade their FCC license and importantly to provide friendship and camaraderie to its members. Just come to the OEM on a Saturday morning to see what I am saying in action. Of major importance, additionally, is the need for MARC to provide a return on the investment the Town and the Community have made in the OEM facility and in some much needed improvements to the Club's infrastructure including radio equipment and various non-radio hardware items. We in MARC, have much to be thankful for.

This event will engender good will, good feelings, good publicity and provide a strong return to the town's investment in us. It's the right event for the right reason, during the right season and with MARC, the right Amateur Radio Club, in the Lead. Through CQ Santa, MARC/WARG will show itself to be a credit to our hobby, to our town, and to ourselves. Seems like a win-win-win. Santa would be proud.

Ed W1YSM



Secretary Report & Minutes of the Meriden Amateur Radio Club

Dave Tipping NZ1J , Secretary

BUSINESS MEETING, SEPTEMBER 12, 2019

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

Introductions / Members Present: Introductions were made by 29 members in attendance.

Announcements:

The club had a half page ad in the Boxboro program, paid for by W1YSM.

We're looking for volunteers to help at some Yale Football Games this season.

We received a donation from the Connecticut Wing of Civil Air Patrol of three Kenwood HF radios.

We are continuing our efforts with recruitment and publicity.

Ralph, KC1GMD, will chair a new committee to look into our website, Facebook, and other social media outlets.

A reminder that anyone seeking reimbursement for purchases must submit receipts.

Secretary's Report:

The August Business Meeting minutes were published in the September Key Klix and were accepted.

Treasurer's Report:

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

A \$103 reimbursement was approved for NZ1J's Signalink, mating ICOM cable, stamps, and envelopes.

Station Manager's Report:

Four operators made about 20 contacts during the Fireworks Island activation.

The new TechNet began on Wednesday and had eight check-ins.

We are awaiting news about the purchase of the 70cm antenna through the Town.

Activity Committee: The September Activity Meeting will be a primer on drones.

Saturday Mornings: As many as 26 people visit the club on Saturday mornings.

Station Activations: The Hiram Percy Maxim 150th event did not have much activity.

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 runs on the 147.36 repeater at 1930 local on Wednesdays.

Castle Craig: The Summer Contest was challenging because we're at the bottom of the sunspot cycle.

Scholarship: No activity this month.

Membership: We have 82 members paid through the end of 2019. Alex, KB1SSN, and Andrew, W1AJK, were voted in at this meeting.

Interference and Technical: No issues to report.

VE and Instruction: An exam session is scheduled for September 14 and another at the Nutfest.

Nutfest: The Nutmeg Hamfest is planned for October 13 at the Sheraton Four Points.

Four speakers are scheduled and there will be a VE session.

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

EMCOM / AUXCOM:

We operated at Community Lake on August 24th for Wallingford Community Day.

The Taste of Wallingford is October 5th and 6th. The Fishbein Road Race is October 6th.

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: Nothing to report.

New Business:

We're planning a CQ Santa event for mid-December.

The new Television has arrived and is ready to install.

Four versions of a new letterhead were presented.

The club is sending a card and making a donation in memory of AB1DQ's dad, who passed this week.

Meeting was adjourned at 20:47

Respectfully Submitted, Dave, NZ1J



ACTIVITY NIGHTS & EVENTS,

ED W1YSM (ACTING ACTIVITIES MANAGER)

2019

OCT. 24	SUNSPOTS	MIKE KC1KRC
NOV 28	THANKSGIVING - NO ACTIVITIES MEETING	
DEC 5	MARC YEAR IN REVIEW + YEAR AHEAD PIZZA / SODA	
DEC 7	CQ SANTA AT THE OEM	
DEC. 12	CHRISTMAS PARTY - NO ACTIVITIES MEETING	

October Business meeting...Thursday October 10 7:30pm @ EOC

The October Business Meeting will commence at 2130Z (7:30pm EDT) at the EOC with Pres. Ed, W1YSM presiding.

October Activity meeting..... Thursday October 24 7:30pm @ EOC

Mike Faison KC1KRC Director of the Leitner Family Observatory and Planetarium at Yale Univ., will talk on Sunspots at the October 24th activity meeting.

New & returning members

We welcome Alex Dills KB1SSN and Andrew Kazimer W1AJK as our two newest members and Bob Carruthers KB1FYL & Gianne Jenkins KB1TJD as our two returning members.. Our membership now stands at 84 members.

Parking at the OEM

The Town of Wallingford will be re-paving the parking lot of the OEM and it just might occur during our meeting weeks...If for some reason we cant get into the OEM lot, there is parking at the Moran lot just down from our building and there also are a few handicapped spots just across the street at the Sheehan athletic facility. (providing there are no Football, Soccer, Field Hockey, Rugby games (Varsity & JV) or Marching Band competitions.

Big Thank You to the Civil Air Patrol

Our Thank to Major Robert Cartier KD1JG, with the CT. Civil Air Patrol for their donation of three Kenwood HF Amateur Transceivers to the MARC. Our resident RF Engineer Jeff N1AKN has evaluated them and found them to be in proper working order.

Christmas Party coming up...& Dues

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 bar(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.

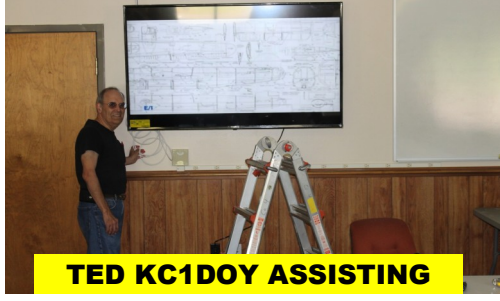
NUTMEG Hamfest

Sunday October 13, 2019 Nutmeg Hamfest at the Sheraton Four Points Hotel.... This is our largest fundraiser of the year and we need volunteers to make this all run smoothly. Thanks to Jeff N1AKN and Bart N1BRL for assuming early morning command of the outside Flea Market check-in and gate control. Jim N1ZN is in charge of volunteers and could use your assistance for a few hours at least. We could use assistance at the (Three)Gates selling tixs, The Prize Table (selling special Tixs & helping to announce drawing winners etc). VEC's needed for testing, The volunteers would also like to peruse the Flea Market so we need volunteers to rotate in and out at various times ... Please give N1ZN a shout... The Seminars have developed a world of their own, ARRL Forum, SDR's by AA6E, Contesting with two radio's/single Op. by K5ZD, Ct. State AUXCOMM/EMCOMM by Matt KA9CRG and Air Force/ Army Mars with a contingent of MARS personnel

SATURDAY MORNINGS AT THE EOC



K1LYP NOW A TV INSTALLER



TED KC1DOY ASSISTING



QUALITY TESTING OF NEW TV



JEFF N1AKN



JEFF N1AKN & TED KC1DOY



CW PRACTICE



JEFF'S NEW ANTENNA



POWER STRIP FOR JEFF



SSB PRACTICE



KE1AY / VE SESSION



NEW BLINDS



NEW BLINDS



KC1IIK & KC1DOY



MATT KC1IIK



PICTURE WARS!

TASTE OF WALLINGFORD & FISHBEIN ROAD RACE

The weekend of October 5-6 was a busy one for MARC-WARG members. On Saturday October 5, a booth was set up at the Celebrate Wallingford festival in the center of town. Club members N1AKN, KB1JL, N1GNV and W1RPN set up the tent, tables and HF go kit with the IC-706 and HF vertical, near the uptown Company one firehouse. Other members contributing various logistics, operating time, booth staffing and support were W1YSM, KC1ISI, N1ZN, KE1AY, W1DQ, KC1DOY, and N1YLN. K1VDF kept the Saturday morning firehouse open house session. K1LYP provided moral support from Bar Harbor, Maine and NZ1J from Hawaii. KF6LU, a former Wallingford Civil preparedness member, stopped by the tent while visiting from California. Celebrate Wallingford is held annually and includes craft displays, a "Taste of Wallingford" food section, displays from various local industries, civic groups, public safety units, and non profits. Its included a classic car show and live music at the two day event. Amateur radio was put on display for attendees, and many questions were answered. Club promotional brochures produced by K1LYP were passed out to the interested public. Sunday Morning October 6, was the annual YMCA Fishbein memorial 10K road race. Local club members provided field support at the mile markers and watering stations and reported lead runner times at each mile marker. 71 runners were entered in the 10K race and 252 runners in the 5K race. K1VDF provided net control at the OEM building, and KC1SA covered the start and the finish. Thanks to N1GNV, KC1SA, K1RCT, KC1ISI, W1YSM, N1ZN, KE1AY and K1VDF, KB1JL for participating radio coverage.



HOPE THAT'S NOT "HAM" ON THAT SPIT!!!!!!



THE SAGA OF MAMA BEAR, HER THREE CUBS, & WB1GYZ.

A Mama Bear and her three cubs made quite a stir in the Hope Hill area during a few weeks in September. Their foraging right in the immediate vicinity of Moran & Sheehan schools caused a lockdown of all outside activities for the kids. During the height of this mayhem, Eric KB1JL, John K1VDF, Dave K1WJL and Bob WB1GYZ were at the OEM when a very young girl ran past the window yelling "Bears! Bears!". Well, Eric and Bob jumped up with a Hunters Gleam in their eyes and ran out to catch a glimpse of the family. They ran up and down the back yard and up Hope Hill Road to talk to the police, and met a R-J photographer sent to get some pictures. Dave kept telling John to go out and look, while rubbing raspberry jelly on his walker.... After the dust settled, Bob noticed he did not have his set of car keys..Upon a thorough tear down of the OEM, he deduced he must have dropped them outside. Hence the great Key Search of the lawn, woods, sidewalks etc began but to no avail...even the photographer got involved. After much intense scrutiny of the area, it was decided to take Bob back to his house to get his spare set.. Half-way there a car pulled up behind us when we were stopped at a light and the photographer jumped out and handed Bob his keys and said he found them in the road as we just pulled out and chased us down...

A big Thank You to that R-J Photographer....

(P.S. that is the actual picture of the family destroying a bird feeder on Hope Hill Road)

**2019 NUTMEG HAMFEST &
CT ARRL STATE CONVENTION
SUNDAY OCTOBER 13
SHERATON FOUR POINTS
RESEARCH PKWY, MERIDEN**

MAJOR EXHIBITORS
QUICKSILVER RADIO PRODUCTS
KJI ELECTRONICS
GOLD MEDAL IDEAS
RADIO OASIS
HAMSOURCE
KB CUBED RADIO

SCHEDULE OF ACTIVITIES 10/13/2019

6:00AM	TAILGATE & INSIDE REGISTRATION BEGINS	
8:00AM	DOORS OPEN FOR GENERAL PUBLIC	
8:50AM	FIRST DOOR PRIZE DRAWING	
9:00AM-	VE SESSION REGISTRATION	LOCATION*
9:00-9:45AM	ARRL FORUM	LOCATION*
9:50AM	SECOND DOOR PRIZE DRAWING	
10:00-10:45AM	MATT KA9CRG AUXCOMM	LOCATION*
10:00-10:45AM	MARTY AAGE SDR'S	LOCATION*
10:50AM	THIRD DOOR PRIZE DRAWING	
11:00-11:45AM	RANDY K5ZD SO2R	LOCATION*
11.00-11:45AM	AIR FORCE MARS	LOCATION*
11:50AM	FOURTH DOOR PRIZE DRAWING	
12:30PM	THIRD MAIN PRIZE DRAWING	
12:45PM	SECOND MAIN PRIZE DRAWING	
1:00PM	FIRST PRIZE DRAWING	
2:00PM	***OFFICIAL CLOSE***	

****ROOM LOCATIONS WILL BE POSTED ON DAY OF EVENT****

MAIN PRIZES & DOOR PRIZES

YOU MUST BE PRESENT TO WIN ANY PRIZE



**FIRST PRIZE: YAESU FTM-3200 65 WATT TWO METER TRANSCEIVER
PROVIDED BY KJI ELECTRONICS
DRAWING AT 1PM**

**SECOND PRIZE: COAX & POWERPOLE CRIMP KIT
PROVIDED BY QUICKSILVER RADIO
DRAWING AT 12:45PM**



**THIRD PRIZE: G5RV HF ANTENNA
PROVIDED BY RADIO OASIS
DRAWING AT 12:30PM**

**DOOR PRIZES WILL BE AWARDED AT 50 MINUTES PAST THE HOUR
NAMES WILL BE DRAWN UNTIL WE HAVE A WINNER
(PLEASE LISTEN FOR THE P.A. ANNOUNCEMENTS)**

**2019 NUTMEG HAMFEST & CT ARRL STATE CONVENTION
SUNDAY OCTOBER 13 SHERATON FOUR POINTS
RESEARCH PKWY, MERIDEN**

SEMINARS

VE SESSION REGISTRATION STARTS AT 9:00AM

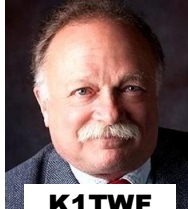
9:00 AM

ARRL FORUM

9:00AM — 9:45AM



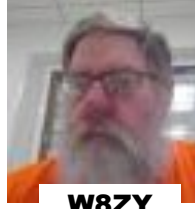
K1VR



K1TWF



K1DFS



W8ZY

K1VR FRED HOPENGARTEN N.E. DIRECTOR
K1TWF MIKE RAISBECK VICE N.E. DIRECTOR
K1DFS CHUCK MOTES CT SECT. MANAGER
W8ZY GARY WALTERS CT SECT EMERG. MAN.

KA9CRG Matthew Valleau Amateur Radio's Role in AUX COMM / EMCOMM

10:00AM to 10:45AM



Matt Valleau KA9CRG has been an amateur radio operator since 1980 and currently holds an Amateur Radio Advanced Class. For the past 19 years, Matt has worked for the State of Connecticut's Department of Emergency Services and Public Protection. As a Telecommunications Engineer, he is one of the senior managers of the State's Public Safety Radio system. Additionally, he is a COM L, COM T, and an OEC COML, COMT, and AuxComm instructor.

AA6E MARTIN EWING The Latest on Software Defined Radios

10:00AM to 10:45AM



AA6E Martin Ewing, retired Director of Information Technology for Engineering at Yale, where he was president of the W1YU club. Previously, he was a senior research engineer at Caltech in Radio Astronomy after receiving a PhD at MIT and a BA at Swarthmore College. His ham radio career began in 1957 as K5MXF, but he has also held the calls WA1OCT, WB6YBQ, and VK2ERX. Martin has written numerous articles and reviews for QST, and he volunteers at the ARRL Lab. He is a "casual" HF DXer, often working FT8. His current technical interests are computing and software defined radio. After a recent move, Martin is rebuilding AA6E in a retirement community.

K5ZD SINGLE OPERATOR 2 RADIO CONTESTING SO2R

11:00AM to 11:45AM



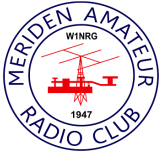
WRTC2014. When not in front of a radio, Randy is in product planning for the Internet of Things at a large technology company.

Randy Thompson, K5ZD, has been licensed and active in contesting since 1973 at age 13. He is an accomplished contester, having multiple single-operator wins in the ARRL Sweepstakes, CQ World Wide DX Contest, and the CQ WPX Contest, among others. Randy is a past editor of the "National Contest Journal" (a post he has held three separate times) and a co-founder of the eHam.net website. Randy was the Director of the CQ WPX Contest from 2008 until 2012, and is currently the Director of the CQ World Wide DX Contest. He is a member of the CQ Magazine Contest Hall of Fame. He has competed in five World Radiosport Team Championships and is a member of the organizing committee for

AIR FORCE MARS & AMATEUR MUTUAL DRILL NOV 2019

11:00AM to 11:45AM

K1RMF GEORGE CARBONELL (REGION 1 DIRECTOR)
WA1LAP MICHAEL DION (CT STATE DEPUTY DIR.)
AI1V JON PERELSTEIN (TRAINING OFFICER)
CHUCK MOTES (CT ARRL Section Manager)



Meriden Amateur Radio Club, Inc

P.O. Box 583
Meriden CT 06450



Dear Fellow MARC Ham:

I am contacting you on behalf of your club, the Meriden Amateur Radio Club (MARC) - W1NRG. Since you have been a loyal, dues paying member, if you haven't been to a meeting in a while, you are receiving this letter to invite you to attend and learn about many of our new initiatives and activities.

As you probably know, we have business meetings on the second Thursday of each month. We also have activity meetings on the fourth Thursday of each month. These activity meetings not only involve various aspects of amateur radio (a hobby that we all have a love for and an interest in or we wouldn't be members of such a wonderful club), but various other hobbies that interest our members. These include drones, Raspberry Pi, digital modes, Rocketry and Radio and Public Service and Radio Communications, to name just a few.

What you also may not know if you haven't been to a meeting in a while, is that many of the members (some 10-20 of us) gather each Saturday morning at the OEM from 8:30 AM to whenever - usually noon, just to enjoy radio-activities and each other's company. We do a bit of everything and anything on Saturday mornings - radio repair, CW practice, On-Air Activity, or study for a license upgrade. Some of us just drink coffee and rag chew. It's not a formal meeting - just hams enjoying radio-activities with their fellow club members. Speaking of radio repair, we have a member who loves to repair equipment and there is a dedicated bench off to the side of the meeting area where he brings equipment back to life. If you have a radio that needs some TLC, he is your go-to guy.

Regarding license upgrades, we have a very active and numerous cadre of Volunteer Examiners (VE's) that administer license exams for people not only looking to get on the air with their first license, but active hams that wish to upgrade to General or Amateur Extra licenses. We have had people as young as 11 years old get their first license and people from out-of-state show up at our VE Sessions as well as walk ins, who are always welcome. We advertise these exam sessions in QST and are attempting to get these to occur on a once a month basis in the near future. So if you are looking to upgrade a Tech license to a General or a General license to an Amateur Extra, want to tackle Morse Code or increase your code speed, we have the expertise in the club to help you with any of them.

You should also make sure to take a look at our radio room. Our station manager has done a wonderful job of keeping everything running smoothly, with two new radios (Yaesu FT-991A radios, courtesy of the generosity and support of the Town of Wallingford because they value our club and what we add to the community), new antennas and computers running great software for contact logging, etc. You are welcome to stop by and have a member give you a check out on the equipment and use the MARC station to get on the air.

So if you just want to pop by on a Saturday morning, please feel free. We always have plenty of coffee and bagels. XYL's and YL's are welcome to attend as well. On behalf of the Officers of MARC, thanks for taking the time to read this invitation. Whether you are an active ham these days, just dabbling, wanting to reactivate your interest in the hobby, or just want to reminisce, we would welcome a chance to talk about the hobby we all love, Amateur Radio. We'll keep the coffee (and the radios) warm for you. And, don't hesitate to invite family and friends - hams or not - to visit as well. 73,

Ed Snyder, W1YSM
President MARC
W1YSM@ARRL.NET
www.w1nrg.com

Dave Tipping, NZ1J
Secretary MARC
NZ1J@JUNO.COM



Affiliated with the ARRL since 1948

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

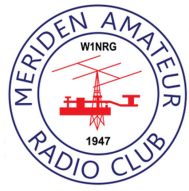
KEY KLIX EDITOR DAVE SWEDOCK K1WJL
 CONTACT DSWEDOCK@GMAIL.COM
 203 235-8582

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

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	KC1IHK	Scott Mowerson	19	W1KKF	Bill Wawrzeniak	L
AB1HB	Charlie Dudac	19	KC1IIL	Matt Mowerson	19	W1LV	Steve Morley	19
AF1HS	Art Fregeau	19	KC1ISI	Kristin Olsson	19	W1NHS	Fred Ring	19
K1IIG	Steve Tripp	19	KC1KQH	John Kasinskas	19	W1NNZ	William Kosche III	19
K1JCF	Joe Farrell	19	KC1NS	Nancy Tipping	19	W1POP	Fred Liedke	21
K1LHO	Mike Ash	20	KC1SA	Stephen Allen	19	W1UFO	Mike Cei	19
K1LYP	John Yusza	20	KE1AU	Robert Kaczor	19	W1VCU	Nelson Denison	L
K1MMK	Mike MacKennedy	20	KE1AY	Donald Mitchell	19	W1XK	Stan Kugler	19
K1MVM	Mike Macri	19	KE4EYA	Ralph Ring	20	W1YSM	Ed Snyder	20
K1PU	Mark Mokoski	19	KR1U	Bob Eslinger	19	WA1FFT	Ray Irwin	19
K1RCT	Rob Cichon	19	N1API	Al Kaiser	19	WA1JKR	John Rogus	20
K1STM	Anne West	19	N1AKN	Jeff Dwyer	19	WA1SFH	Douglas Sharafanowich	19
K1TDO	Todd Olsen	19	N1BF	Patrick Dionne	19	WA1TRY	Rich Aubin	L
K1TGX	Jerry Molaver	22	N1BRL	Bart Toftness	19	WA1ZVY	Jim Martin	19
K1THP	Dave Karpiej	19	N1GNV	John Bartscherer	19	WB1GGP	Jerry Shepard	19
K1VDF	John Blevins	19	N1GY	Geoff Haines	21	WB1GYZ	Bob Biancur	19
K1WJL	Dave Swedock	19	N1HCA	Susan South	19	WB8IMY	Steve Ford	20
K1XJ	Kevin Buchanan	19	N1KGY	Chuck Ayers	20	WV2LKM	Steve Waldmann	19
KA1MWX	Paul Stasieluk	20	N1LGH	Barbara Stone	19		Ron Rogers	20
KB1EHE	Eric Knight	20	N1MOB	Dan David	19			
KB1FYL	Bob Carruthers	20	N1NAN	Helen Spokes	19			
KB1HCC	Jonathan Winslow	20	N1OKF	Bob Parisi	19			
KB1IFZ	Elsie Mathews	20	N1OKR	Frank Ciccone	20			
KB1JL	Eric Olsson	19	N1POP	Greg Ploski	19			
KB1MFU	John Ramadei	19	N1YLN	Edward O'Lena	19			
KB1ORB	Mark Noble	19	N1ZN	James Savage	19			
KB1SSN	Alex Dills	20	NZ1J	Dave Tipping	20			
KB1TJD	Gainne Jenkins	20	W1AJK	Andrew Kazimer	20			
KB1TMC	Clare O'Lena	19	W1DJB	Dylan Barrett	19			
KB1YFJ	Glen Couture	19	W1DQ	John Elengo	19			
KC1DOY	Ted Renzoni	19						
KC1FJJ	Richard Nagy Jr.	19						
KC1HDB	Jeff Martin	18						
KC1HFO	John Stoidis	19						

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