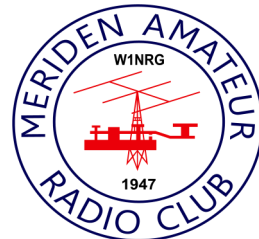


# KEY KLIX

## MERIDEN AMATEUR RADIO CLUB

*Celebrating our 70th Year Anniversary*

1947 - 2017  
**70**



# JUNE 2017

BUSINESS MEETING THURSDAY JUNE 8 / ACTIVITY MTNG THURSDAY JUNE 22

\*\*\*\*ALL MEETINGS ARE AT 7:30PM\*\*\*\* ON THE 2ND & 4TH THURSDAYS OF THE MONTH,  
AT THE HOPE HILL FIREHOUSE 143 HOPE HILL ROAD, WALLINGFORD

\*\*\*\*\*WHEN SPECIFICALLY ANNOUNCED, A SPECIAL ACTIVITY MAY START AT 6:30PM\*\*\*\*\*

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

PRES W1KKF BILL WAWRZENIAK VP N1API AL KAISER SECT KC1SA STEVE ALLEN

TRES K1WJL DAVE SWEDOCK S.A.M. K1RCT ROB CICHON

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

# FIELD DAY

WHERE O WHERE HAVE THE REAL HAMS GONE??

WHERE O WHERE CAN THEY BE ??

# 2017



June 24<sup>th</sup> 2PM local time – June 25<sup>th</sup> 5PM local time (27-hours)

**Location:** 143 Hope Hill Road, Wallingford. 06492

**Operating:** Class 2F

**Operating hours** June 24<sup>th</sup> 2PM local time – June 25<sup>th</sup> 2PM local time (24-hours)

Two transmitters – Yaesu FT991A    One SSB –                    One CW –

Small change from past years

Information / Sign in table – Will need this ‘manned’ Saturday afternoon and Sunday 10AM to 2PM.

Looking for a few folks to handle this to free up the GOTA station

Have handouts on club available

MARC/WARC membership application forms

Information on ARES/Emcom and Wallingford Communication group.

**SSB Captain**

Jim – N1ZN See Jim to request time slots for working the SSB station on Field Day

**CW Captain**

Bill – W1KKF See Bill to request time slots for working Field Day on the CW station.

**GOTA Captain**

Eric and Elsie – KB1EHE and KB1IFZ

The E&E team will engage the public to work at the GOTA stations

Information table be sure to highlight this to folks who sign in.

Weather depending, set up in garage bay or in a corner of the meeting area

VHF/UHF Captain John – K1LYP

**Bonus Points**

7.3.2 Media Publicity – 100 points

Steve – KC1SA

7.3.4 Public Information Table – 100 points

Ed – W1YSM

7.3.5 Message Origination to Section Manager – 100 points

John – K1LYP

7.3.6 Message Handling – 100 points maximum, 10 points for each passed message

John – K1LYP

Ed – W1YSM

7.3.7 Satellite QSO – 100 points

Rob – K1RCT

7.3.8 alternate Power – 100 points, 5 contacts is required

Bill – W1KKF

7.3.9 W1AW Bulletin – 100 points

Steve - KC1SA

Anyone else want to do this?

7.3.10 Education activity – 100 points

John – K1LYP Must have three visitors participate collectively. Can be run several times during Field Day Built an antenna? Send a message via packet radio?

Have two keyers and decoders running and let visitors ‘talk’ to each other.

7.3.11 Site visitation by an elected governmental official – 100 points

Steve – KC1SA Invitations have been sent to; Len Fasano – CT senator Jay Cei – Board of Education (relative in the club) Craig Fishbein – CT representative

K1LYP invited John LeTourneau

7.3.12 Site visitation by a representative of an agency – 100 points Chris – WA1VXH

Douglas – WA1SFH

7.3.13 GOTA – 500 points max Eric & Elsie KB1EHE and KB1IFZ Each person operating the GOTO

station First 20 QSOs – 20 points 100 QSOs maximum for 100 points

Up to 500 points maximum

7.3.15 Youth Participation – 100 points max

Any under participant under 18 years old making at least one QSO – 20 points

7.3.16 Social Media Steve – KC1SA Will post to Facebook



# Secretary Report & Minutes of Meriden Amateur Radio Club (M.A.R.C.) MAY 2017

The MARC May business meeting opened at 7:30 PM EDST on May 11, 2017 at the Hope Hill Road EOC. There were 22 members in attendance (21 plus one guest later voted into membership).

Officers present: Bill (W1KKF), Al (N1API), Steve (KC1SA), Dave (K1WJL), Rob (K1RCT)

The meeting was opened and chaired by President, Bill (W1KKF).

**Announcements** – Our next meeting is May 25<sup>th</sup> (Skywarn activity meeting) May 13<sup>th</sup> there is a VE session at the EOC at 1PM.

Nutmeg Hamfest is October 8, 2017 at the Four Points in Meriden

**Introductions** – All in attendance introduced themselves.

**Secretary's Report** – The April Secretary's Report was published on the WINRG site and is recorded as read.

Below is quick review of what was presented at the April 27<sup>th</sup> activity meeting:

o Len Guercia addressed the membership and relationship of Wallingford Emergency Management and our club membership, Club is 'divided' into two groups, Wallingford Radio Amateur Group Meriden Amateur Radio Club Organization chart for the two groups is on another page.

**Treasurer's Report** – Dave (K1WJL) gave a treasurers report and was accepted as reported. Dave also presented the state of finances of the club and recommendations from the finance committee. The recommendations of the finance committee are: Increase Dues to Regular - \$20, Senior - \$15, No family membership, Christmas Party should self-funded event starting this year. Pay your own way. A motion was made to vote on the recommendations and passed. Dues, starting with the 2018 Calendar year, are \$20 for under folks under age 65, \$15 for seniors. The Christmas Party will be Pay your own way, Dues and Party are separate expenses

A motion was made to grandfather those who have paid in advance for future years. A vote was taken and accepted. Reminder, Dues are due to the treasurer by January 1<sup>st</sup>. For those individuals that cannot afford the yearly dues, contact the Bill (W1KKF) to discuss your situation.

**Contributions** – none.

**Correspondence** – Liability insurance documents. Dues Received (W1LV)

Scholarship applications

**Program & Entertainment** – Ed (W1YSM) reviewed upcoming activity meeting dates and topics.

May 25 <sup>th</sup>	7PM to 10PM	Skywarn training
June 22 <sup>th</sup>	6:30PM – 7:30PM	COCORHS presentation
	7:30PM to 9PM	Field Day preparation
July 27 <sup>th</sup>		Lark in the Park/Fox Hunt
August 26 <sup>th</sup>		US Islands

**Scholarship** – Scholarship applications were reviewed this evening after the normal business meeting. The recipient will be announced at the June business meeting. .

**Club Station & Facilities** – Rob (K1RCT) presented status for the month. Two FT991A transceivers were received from Wallingford Emergency Management. There will be a check out procedure for all members wanting to use these rigs

Rob will oversee this certification, FT991A are all band rigs so the future may see this rigs used for 2m and 6m bands.

A HAM M rotator for the T7 Log Periodic was received. No tower for now, the rotator and T7 will be mounted on one of the poles Half of an omni-directional 2m antenna was received, waiting for 70cm version. Cable to the G5RV is now coiled up when not in use due to the lawn mowing season.

**Nets** – 6M – Al (N1API) reported for Jim (N1ZN) reported, a half dozen or so check-ins at the last net. This Net is on 50.175 MHz each Monday at 8PM local time. 10M – John (K1VDF) reported the net has been very active. This Net is on 28.375 MHz each Tuesday at 8PM local time. 2M – Rob (K1RCT) reported for Todd (K1TDO) and reported about a half dozen checked in to the 2M net. This Net is on the 147.360 MHz repeater each Tuesday at 7PM local time.

**Castle Craig** – Al (N1API) stated The Spirit of '76 contest is coming up in July. Al will post an informational section in Key Klix.

**VE session** – A VE session is scheduled for Saturday May 13, 2017 and is posted on the ARRL site.

John (K1LYP) will hold a Technician licensing class on 6/10 and 6/13 here at the EOC. Contact John for more Information On June 5<sup>th</sup> there will be a one-hour seminar at the Wallingford Public Library at 7PM. The title of the seminar is "An introduction to Amateur Radio". A motion was made to purchase 6 Technician class license books from the ARRL. The motion passed. Al (N1API) will pick them up from the ARRL next week.

**Key Klix** – Dave (K1WJL) is always looking for articles from members so keep the information rolling into Dave.  
**Membership** – The following members were added to the roster this evening. Greg Ploski – No call sign yet. Welcome Greg! Membership is at 85 now with addition of Greg.  
**Interference and Technical** – Nothing to report.  
**Repeater** – Not discussed.  
**Hamfest** – Event is October 8, 2017 at the Four Points in Meriden. The hotel has confirmed the date with us.  
**Candy Store** – Gold Medal Ideas now has several types of shirts and a hat has been added to our landing page for Meriden ARC on their web page. Here’s the link to Gold Medal Ideas: <http://stores.goldmedalideas.com/ygs>  
**AuxComm** – Steve (KC1SA) reported all those wanting to be part of the Emergency Communication Team should complete the IS-100, IS-200, IS-700 and IS-800. These can be taken at your own pace at the following site: <https://training.fema.gov/is/> Additionally folks should sign up for the First Aid and CPR/AED classes held periodically by the MRC. There will also be POD training in the fall timeframe (POD is Point Of Distribution).  
 The above trainings should be to be completed if you wish to participate in the simulated training exercise next year. Swearing in will occur at the Taste of Wallingford/Celebrate Wallingford on October 7<sup>th</sup>. As the date gets closer we’ll have more details.

**Old Business:**

**Skywarn** May 25<sup>th</sup> date is confirmed for 7PM to 10PM at the EOC If attending be at the club house by 6:45PM and park at Moran Middle School if you could. This is the May activity night meeting If you are coming to the activity meeting then sign up for the training at the following site: This is Upton training schedule site: <http://www.weather.gov/okx/SkywarnTraining> Going to that site and clicking on the “Register” hyperlink for the New Haven County training will take you to this site where you supply your information: [https://docs.google.com/forms/d/e/1FAIpQLScgn7vyFnYcZk-UkR95NXjeUo9Sq88G1CFGLytv\\_xlX-o8zmQ/viewform](https://docs.google.com/forms/d/e/1FAIpQLScgn7vyFnYcZk-UkR95NXjeUo9Sq88G1CFGLytv_xlX-o8zmQ/viewform)  
 ✦ 77 people are signed up now (5/8) Capacity in our building is comfortably 50 but we can accommodate 70  
**70<sup>th</sup> Anniversary** Open format much like the 13-Colonies, A single call sign, most likely W1NRG, Must sign up if you are going to operate, Mark (K1PU) is the coordinator..

**Library** New ARRL reference books to replace our out of date books, Steve (WV2LKM) purchased the reference books See Steve if you want to check them out.

**Christmas Party** Presented by Al (N1API), One additional restaurant was thrown into the mix, Serafino’s \$ 25.09 / person, need to book for 50 people. A motion was made to have Bill (W1KKF) book the Christmas party at Serafino’s for \$25.09 / person and was passed. If we don’t have 50 attendees the club will pay the difference.

**Field Day** Steve (KC1SA) reported, Operating as 2F, KC1SA Field Day captain, W1KKF is CW captain, N1ZN is SSB captain, Look more details in Key Klix.

**New Business**

A motion was made to purchase two 20-cup coffee urn and was passed. Eric (KB1JL) was authorized to purchase these. John (K1LYP) announced that we will need to vote on purchasing conduit for the antenna cabling. Pricing information will be available at the June business meeting.

**Meeting was closed at 9:05 PM.**

**Meeting Attendees on May 11, 2017**

FirstName	LastName	Callsign
Gregory	Ploski	
Joseph	Farrell	K1JCF
John	Yusza	K1LYP
Rob	Cichon	K1RCT
Anne	West	K1STM
John	Blevins	K1VDF
Dave	Swedock	K1WJL
Eric	Olsson	KB1JL
Robert	Steers	KC1GLM
Stephen	Allen	KC1SA
Robert	Kaczor	KE1AU
Donald	Mitchell	KE1AY
Al	Kaiser	N1API
Frank	Ciccione	N1OKR
James	Savage	N1ZN
Dave	Tipping	NZ1J
John	Elengo	W1DQ
Bill	Wawrzeziak	W1KKF
Ed	Snyder	W1YSM
Raymond A.	Irwin	WA1FFT
Bob	Biancur	WB1GYZ
Steve	Waldmann	WV2LKM

**MARC 70th Anniversary On Air Event**

Starts ...  
 September 30, 2017 @ 0000 UTC  
 (8PM Friday 9/29 local time)  
 Ends ...  
 October 1, 2017 at 2959 UTC  
 (8PM Sunday 10/1 local time)

Location - Clubhouse and member stations

## ACTIVITY NIGHT EVENTS DE W1YSM

Thursday June 22 6:30-7:30pm CoCoRaHas (Community Collaborative Rain, Hail and Snow) presentation  
7:30pm— Field Day Prep.

Thursday July 27 Lark in the Park possibly at the Hubbard Park Pavilion, MAYBE A FOX HUNT??—  
stay tuned for details

Thursday August 24 US Islands on the Air more to follow...

Thursday Sept 28 TBD

Thursday Oct 26 TBD

Thursday Nov 23 cancelled due to Thanksgiving Holiday

Thursday Dec 28 cancelled due to Christmas Holidays



### A THOUGHT FROM ERIC KB1EHE

Just an F.Y.I. about something radio-related that you may not know because I started this years before I became a member of MARC. Over the years, you may have seen it on the ARES reflector, and even in CT media (radio, TV, print). In 2005, while watching the terrible tragedy unfold on TV regarding Hurricane Katrina, and idea struck me regarding a way to knit together amateur radio operators, FEMA, other local / state emergency management services -- **AND THE PUBLIC**. My ah-ha moment was realizing that, statistically, about 1 in every 3 households in America own an FRS/GMRS walkie-talkie for various uses -- hiking, biking, camping, keeping track of kids at amusement parks, etc. (The percentage may even be higher than 1 in 3, as there are about 100 million of these radios owned in the U.S.) With the coordination of radio and TV stations around Connecticut, me and my local ham buddies (Rod Lane N1FNE, Don Skinner N1HWR, and Chet Bacon KA1VT) and, of course, Elsie KB1IFZ, conducted a statewide drill in 2006 -- and found that the communication range of these little \$10 radios was about a dozen miles to our central "net control" receiving station. Anyway, I'm proud to say that Radio Relay International is picking up the torch to carry and promote the country-wide use of the National SOS Radio Network. In fact, they featured it at Dayton in their booth. Check out their Press Release that includes my group's original flyers and radio spot PSAs that were released in 2006: <http://radio-relay.org/national-sos-radio-network-joins-rri/> The icing on the cake: Educating the community about the use of their FRS/GMRS radios in an emergency has spawned lots of awareness about amateur radio -- and created lots of new hams, nationwide. I find that particularly cool and beneficial to our hobby. BTW, if you're curious about the statewide drill we conducted in 2006 that tied in various Connecticut media outlets, here's one of the press releases that we sent out back then: <http://www.businesswire.com/news/home/20060606005312/en/Public-Emergency-Communications-Network-National-SOS-Conduct>

If you'd like to know more, let me know.

73, Eric KB1EHE

### ERIC & ELSIE AT A WORK RELATED TRIP IN ICELAND (NICE WORK IF YOU CAN GET IT) ERIC AT THE ICELAND RADIO CLUB'S STATION TF3IRA



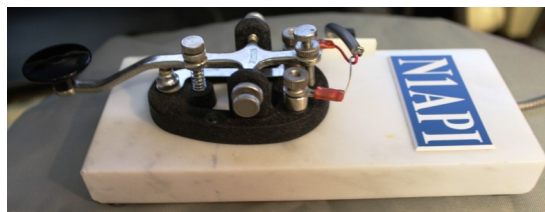
# SKYWARN TRAINING



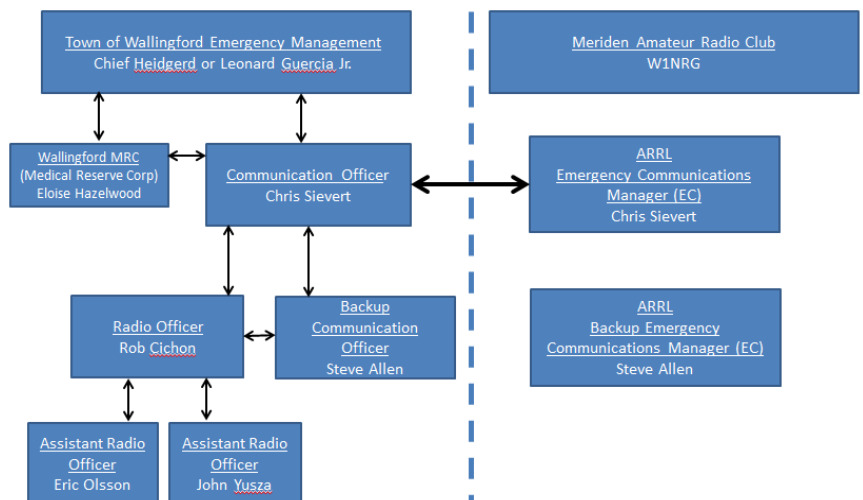
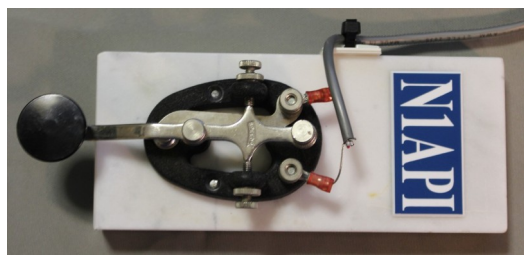
The SKYWARN training was held on May25th at the OEM building with more than 90 people signed up to attend. The rainy weather perhaps kept some people from attending, but by 7PM on the 25<sup>th</sup> 60 people had come through the doors to sit for 3+ hours to learn how to become a Weather Watcher and report sightings to the National Weather Service offices. The attendee mix was diverse; about 20 percent were Amateur Radio folks some were Firefighters, Students, EMT workers while others were concerned citizens who wanted to know how to help report severe weather. The snacks that MARC members brought really made the attendees feel welcome and I heard many folks ask “who supplied the snacks”, which we responded “the local radio club”. Bill Goodmen, the NWS instructor, did a good job and presented in a very interactive style. The training was mostly slides with a mix of a few videos and audio clips. Toward the end there were some judgmental slides where we commented on what kind of threat particular cloud patterns posed.

The Record-Journal was present and interviewed Len Guerci and Bill Goodmen. If you missed seeing this article, here is the link to the post: <http://www.myrecordjournal.com/news/wallingford/wallingfordnews/10371753-154/weather-spotters-certified-through-skywarn-training-event-at-wallingford-fire.html>

Big thanks to all who helped make this event a great success.  
Steve – KC1SA



**AL N1API HAS A NEW TOY.....  
EXPECT A CALL FROM WB1GYZ**



**BLOCK DIAGRAM OF WALLINGFORD EOC  
AND US (WARG DIVISION OF THE MARC)**



# The Shack

S.A.M. Rob K1RCT

Shack update: Digital Modes and CW work on the FT-991a! I was able to get N1MM+ and MMTTY to play nice. Eric Olsson was working the WPX/CW yesterday in The Shack using the current setup. As in, without a keyer, keyboard only. I think John Blevins worked a few as well. I made a video of Eric making the first few contacts with the New Gear & Setup in the WPX/CW Contest. I'll upload to YouTube later this morning and send you all a link. John K1LYP, Bob WB1GYZ, Eric KB1JL & Chris WA1VXH were in attendance Saturday (as per usual!). John, Et Al made progress with \*properly\* assembling the T6 log periodic antenna. Next (this coming Saturday) is installing the elements and then installing on a support at a pole for testing (elbow @ Rich Aubin WA1TRY). We also assisted Don (I don't know his last name, Chris do you?) and Len with the Trailer upgrade as well as trashing the unused cabinets they had inside the Trailer. Our operating position inside the trailer is located. Len wants to have a generator installed on the front support as has asked us to assist with its connections. John & I will assist. Satellite Operations during Field Day. Started tracking the three operational FM birds today. Looks like the first passes on Saturday during FD will be: Fox-1A, the newest bird at 6AM & 8AM + later & Sunday. LilacSat-2 has been intermittent. 6AM & 8AM + later & Sunday. SaudiSat-1C, a very reliable satellite at 1PM & 3PM then Sunday. My plan is to work the Points Contact early then if we have some visitors later, work the afternoon passes for demo. Sunday passes will be engaged if we have an interest from the public or Club Members that want to check it out.

Rob, K1RCT S.A.M.



K1LYP FIXING THE ROTATOR



K1VDF FIXING THE EXTENSION CORDS

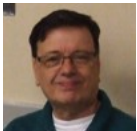


CLEANING THE TRAILER

NEW SIGN ON FRONT OF BUILDING



ROB K1RCT MESSING WITH THE FLUX CAPACITOR, TEN SECONDS AFTER THIS, HE WAS TRANSPORTED TO 2055 AND HAD LUNCH WITH HIS GREAT GRANKIDS.....



## Castle Craig Chapter, 10/10 News AI N1API, Chapter Head

The 10-10 Spirit of 76 QSO Party is a week long QSO party that runs the 4th of July week. It starts July 3rd 2017 0000 UTC and ends July 9th 2017 2359 UTC. The rules are simple and short. From the PDF on the 10-10 web page here are the rules. This event will run for 7 days and be around July 4th of each year. Make as many contacts as you can during the week using 6 modes. The modes that will be used are as follows as well as the suggested frequencies to monitor: 1. USB [28345] 2. CW [28050] 3. Psk 31 [28120] 4. Rtty [28086] 5. FM [29600] 6. AM [29000] Scoring will be as normal for QSO Parties, 2 points for members and 1 point for non members. Dupes will be allowed once for each mode. It will be possible to work the same call 6 times in each of the various modes for a maximum total of 12 points per call. All other normal rules apply. This will also allow members to work on their Lucky 13 Award at the same time we are creating activity over the entire 10 meter spectrum. If band conditions are poor, and we all concentrate on the same frequencies, we have a much better chance of making contacts. The various Chapter Nets will have the opportunity after their nets to schedule some contacts for the various modes. During the Daily Nets we could schedule some activity when they are finished. Win1010 has been modified to score this event. Another program, 10QSOLogger will also work for this event. The QSO Party Log Form and QSO Party Cover Sheet from the Key Forms Page of this web site may be used. Electronic logs shall be forwarded to the QSO Party Manager at [tenten-contest@ten](mailto:tenten-contest@ten) I hope that 10-10 club members and also all club members will get on this week to make and give out contact on all modes. It will also give you a chance to check out your equipment and antennas to see how they perform. See you on 10 the Fourth of July week!

AI - N1APICH/CM Castle Craig Chapter of 10-10

### INTRO TO HAM RADIO AT THE WALLINGFORD PUBLIC LIBRARY MONDAY JUNE 5, 2017



The library event went off very well this evening. There were 16 or so folks that attended. Lots of questions about repeater use, and we did a little demo of using the repeater and the use of the repeater in a net type format. All were pretty engaged and one scout is very interested (working on his badge). People stuck around long enough for the library to give us the heave-ho.

Thanks to W1DQ, W1YSM, KB1JL for helping with the repeater demo.

Thanks to K1LYP, WA1VXH, W1KKF for attending and help field questions and demos.





## Volunteers Needed for Project Graduation

If you are interested in becoming a **Crowd Control Manager** for Project Graduation (and other upcoming town events) click "Yes" response below.

**\*2 hour online course, \$20 fee reimbursed by the MRC.**

---

**If you have not yet completed required FEMA Training, please follow the steps below.**

- You must first create an account (no charge) to complete the courses. The courses needed are **IS 100b, IS 700a, and IS 808**, the following links to take you directly to the page

<http://training.fema.gov/emiweb/is/is100b.asp>

<http://training.fema.gov/emiweb/is/is700a.asp>

<http://training.fema.gov/emiweb/is/is808.asp>

**\*FEMA asks for your SSN but it does NOT print on the certificate.**

**\*\*Please send us a copy of your certificates to keep in your training record.**

email: [mrccordinator06492@gmail.com](mailto:mrccordinator06492@gmail.com)

or mail to: Wallingford Health Department

45 South Main St.

Wallingford, CT 06492

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### Want more Computer Based Training Opportunities?

MRC Program Office is a national website that offers free on-line training.

- You must first create a "Train" account/profile: Specify "Wallingford MRC Volunteer"
- click on the link <https://mrc.train.org>

CT Train: For additional training opportunities - <https://ct.train.org>

**"A First Response is a Local response"**

# INFORMATION PAGE

# MERIDEN AMATEUR RADIO CLUB

**PRESIDENT....W1KKF BILL WAWRZENIAK**  
**VICE PRES.....N1API AL KAISER**  
**SECT.....KC1SA STEVE ALLEN**  
**TRES.....K1WJL DAVE SWEDOCK**  
**STATION A.M...K1RCT ROB CICHON**

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

**KEY KLIX EDITOR DAVE SWEDOCK K1WJL**  
**CONTACT DSWEDOCK@SNET.NET**  
**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

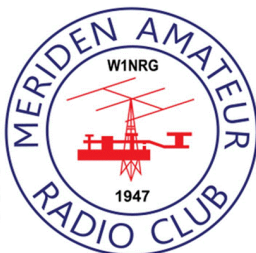
**2 METER NET** TUESDAYS 7PM  
**147.36 /RPT** K1TDO TODD

**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--\$15/YR**  
**SENIOR DISCOUNT 65 & UP--\$10**  
**ADDITIONAL FAMILY MBRS---\$5**



### WEBSITE:

[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 1010 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	17	KC1EVI	Gerard Carriera Jr.	17	W1VCU	Nelson Denison	L
AB1HB	Charlie Dudac	17	KC1FJJ	Rich Nagy	17	W1YSM	Ed Snyder	17
AF1HS	Art Fregeau	18	KC1GEV	Carl Nilson	17	W7FUR	William Spokes	17
K1IIG	Steve Tripp	17	KC1GLM	Robert Speers	17	WA1FFT	Ray Irwin	17
K1JCF	Joe Farrell	17	KC1HFO	John Stoidis	17	WA1JKR	John Rogus	17
K1JTH	John Hart, Jr.	17	KC1SA	Stephen Allen	17	WA1SFH	Douglas Sharafanowich	17
K1LHO	Mike Ash	17	KD1JG	Robert Cartier	17	WA1TRY	Rich Aubin	L
K1LYP	John Yusza	17	KE1AU	Robert Kaczor	17	WA1VXH	Chris Sievert	17
K1MMK	Mike MacKennedy	17	KE1AV	Dave Sanford	17	WA1ZVY	Jim Martin	17
K1MVM	Mike Macri	17	KE1AY	Donald Mitchell	17	WB1GGP	Jerry Sheppard	17
K1PU	Mark Mokoski	17	KE4EYA	Ralph Ring	17	WB1GYZ	Bob Biancur	17
K1RCT	Rob Cichon	17	N1API	Al Kaiser	17	WB8IMY	Steve Ford	17
K1RJC	Rick Castaldo	17	N1BF	Patrick Dionne	17	WJ1B	Harold Kraemer	17
K1SEZ	Paul Ciezniak	18	N1GNV	John Bartscherer	17	WV2LKM	Steve Waldmann	17
K1STM	Anne West	17	N1GY	Geoff Haines	19	<b>WY1U</b>	<b>Tim Mik</b>	<b>16</b>
K1TDO	Todd Olsen	17	N1HCA	Susan South	17		Greg Groski	17
K1TG	Roger Kuchera	17	N1JRC	John Collin Jr	17			
K1TGX	Jerry Molaver	17	N1LGH	Barbara Stone	17			
K1THP	Dave Karpiej	17	N1NAN	Helen Spokes	17			
K1VDF	John Blevins	17	N1OKF	Bob Parisi	17			
K1WJL	Dave Swedock	17	N1OKR	Frank Ciccone	17			
KB1CIW	Bob Stephens	17	N1VTE	Sarah Kaczor	17			
KB1EHE	Eric Knight	17	N1ZN	James Savage	17			
KB1FYL	Bob Carruthers	17	NY2HF	Dennis Lane	18			
KB1GWP	Joseph Rish, Sr.	17	NZ1J	Dave Tipping	17			
KB1HCC	Jonathan Winslow	17	W1ATV	Walt Yatzook	17			
KB1IFZ	Elsie Mathews	17	W1DMM	Dan Murphy	L			
KB1JL	Eric Olsson	17	W1DQ	John Elengo	18			
KB1SIT	Theresa Stephens	17	W1KKF	Bill Wawrzeniak	L			
KB1TJD	Gaianne Jenkins	17	W1LV	Steve Morley	17			
KB1TTV	Jonathan Martin	17	W1NDT	Bob Lombardo	17			
KB1YFJ	Glen Couture	17	W1NHS	Fred Ring	17			
KB1ZMK	Dan Busa	17	W1POP	Fred Liedke	18			
KC1AYL	Mike Meadows	17	W1SKP	Skip Paquette	17			
KC1CYC	Harry Shaefi	17	W1UFO	Mike Cei	17			