

KEY KLIX

MERIDEN AMATEUR RADIO CLUB



ALL MEETINGS ARE AT 7:30PM ON THE 2ND & 4TH THURSDAYS
OF THE MONTH, UNLESS OTHERWISE POSTED,
AT THE COOK HILL FIREHOUSE / MEDICAL RESERVE BLDG
37 HALL ROAD, WALLINGFORD



OFFICERS

PRES W1KKF BILL WAWRZENIAK VP N1API AL KAISER SECT KC1SA STEVE ALLEN
TRES K1WJL DAVE SWEDOCK S.A.M. K1RCT / KC1ACN ROB CICHON

August Business Meeting...

Thursday August 11th 7:30pm at the clubhouse/ Medical Reserve Center/ Old Cook Hill Firehouse

Activity Meeting / Event

Thursday July 25th

K1WJL with a presentation on Cubical Quad Antennas. Complete with pictures of various Quad arrays from Monster Quads to the simple 2 element ten meter Quads, that he has used through the years. This will be an informative and somewhat honest approach to being a Quad User and why you might need a prescription for Prilosec, Xantax or a healthy supply of Maalox available. We also have some great pictures of various Quad antenna arrays from members. This is intended to be informative and educational, however there may be a slide or two that some may have some humorous value to those with no sense of technical adventure (and compassion). Excessive comments from the peanut gallery will be dealt with swiftly...

Welcome to New Members

Bob Lombardo W1NDT, Mike MacKennedy K1MMK, Anne West K1STM, John Stoidis (no call sign yet), and Ralph Ring KE4EYA were voted into the MARC at the July business meeting.

News from your Activity Manager Ed, W1YSM

Thursday Aug 25th.....K1WJL on Cubical Quad Antennas

Thursday Sept 22nd.....K1PU on Raspberry Pi mini computer

Thursday October 27th.....TBA (??--Eric KB1EHE on Antenna's)

Thursday November 24th.....Cancelled(Thanksgiving)

Wednesday Dec 7th.....Tom Gallagher NY2RF at the Library has been cancelled

Thursday Dec 8th.....Annual Christmas Party at Brothers Restaurant Guest speaker will be Tom Gallagher, CEO of the ARRL. His talk will be "ARRL: Second Generation."

Thursday December 22nd.....Cancelled for Holidays

Editors Comment-----Ed W1YSM is doing a fantastic job but needs your input and help on future club meeting activities. Please let him know of any speakers or programs you may wish to hear about...

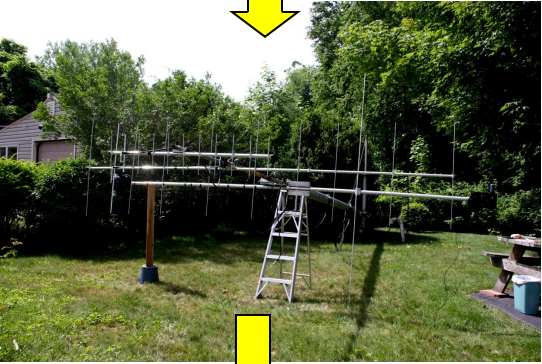
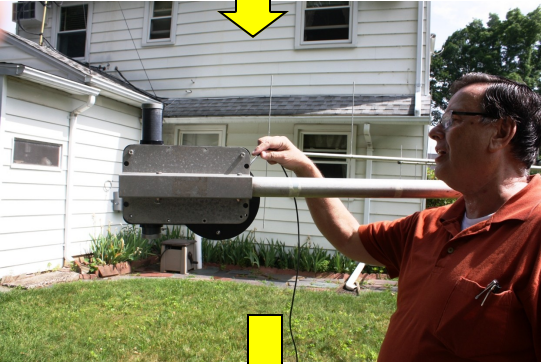
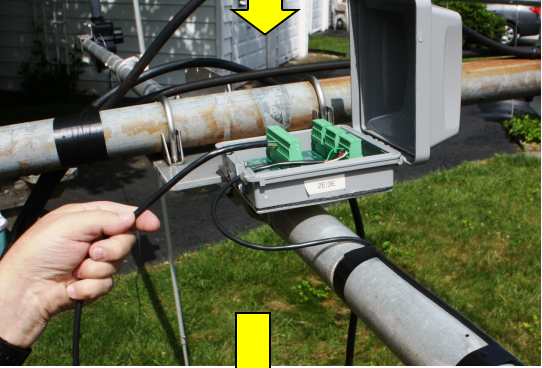
Upcoming Events:

Boxboro Hamfest / ARRL New England Convention Sept 9 - 11 Holiday Inn Boxborough Mass.

Nutmeg Hamfest CT ARRL Conv. Sunday Oct. 16 4-Points Sheraton Meriden CT.

ANTENNA SEASON WITH THE MARC

N1API REPAIRING THE STEPPIR



AB1DQ WITH K1LYP ASSISTING ED W1YSM CONSTRUCT HIS NEW DIAMOND CP5 VERTICAL



BOB WB1GFYZ HAS A NEW WIRE CONFIGURATION AFTER A TREE TRUNK TOOK DOWN A GOOD PART OF IT.



HOPE THE EDITOR IS WRONG ABOUT THIS, BUT THAT LOOKS LIKE POISON IVY.. ????????????????



LARK IN THE PARK PIX'S

COURTESY OF STEVE KC1SA





Secretary Report & Minutes of Meriden Amateur Radio Club (M.A.R.C.) July 2016

The business meeting opened at 7:30 PM EST on July 14, 2016 with 25 people in attendance!

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

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

Announcements – The next meeting is the activity meeting on 7/28/2016. This is the Lark in the Park event and is at Marcus Cooke Park in Wallingford.

Introductions – All in attendance introduced themselves.

Secretary's Report – The June 2016 Secretary's Report was published on the W1NRG site and is recorded as read. There were no corrections or questions on the minutes.

Treasurer's Report – A report was given by Dave (K1WJL) and accepted.

Contributions – None reported

Correspondence – A Vanguard statement, a QSL card and CT acceptance of Nutmeg Business filing.

Program & Entertainment –

July activity meeting -- Lark in the park at Marcus Cooke Park

August activity meeting - Quad Antenna discussion

September activity meeting -- Raspberry PI discussion

October activity meeting -- Antenna Making

November activity meeting - no meeting

December 7th - Tom Gallagher (NY2RF) will be speaking at the Club House and not the Wallingford Library as was indicated in last month's meeting (The Wallingford Library now has a conflict so we moved the venue to the club house.).

December 8th – Holiday dinner at Brother's Restaurant.

Scholarship – Nothing to report.

Club Station & Facilities – Rob (K1RCT) reported on field day operation. The filter that Ed (W1YSM) donated to the club helped to provide interference free operation between CW and SSB stations. Many thanks to those that helped set up and take down equipment for the event. A problem with the Ten-Tec tuner was found and didn't function correctly. Rob found it had a loose locknut on the band selector switch and a corroded roller inductor. Rob fixed these problems with the tuner and all is back to normal. Also, one of the 20A power supply switch needs replacing. Rob has ordered that switch and will replace once it arrives.

Last week the club operated IARU contest from the club house, there were 4 operators with a mix of CW and SSB operation.

Brought up at the meeting was the topic of needing another key to the building. Bill (W1KKF) advised Rob (K1RCT) to make another key to the facility.

Club Activities & Program (the 4th Thursday of the month) - Next activity meeting is July 28th at Marcus Cooke Park in Wallingford. This is the Lark in the Park event and kicks off at 6PM. Please bring a desert/salad/snack to share with others, the club will provide Hamburg's, Hotdogs and soft drinks. If you'd like to bring along radio equipment that's fine too.

Nets –

6M – Jim (N1ZN) also gave a report on recent Net activity. This Net is on 50.175 MHz each Monday at 8PM local time.

10M – John (K1VDF) gave a report of recent activity. This Net is on 28.375 MHz each Tuesday at 8PM local time.

2M – Todd (K1TDO) usually has between 4 to 8 check in's for the 2M Net. This Net is on the 147.360 MHz repeater each Tuesday at 7PM local time.

Castle Craig – The summer 10-10 QSO party is August 6 and 7th, Steve (KC1SA) has volunteered to have a kick off net prior to the QSO party and will issue out the Castle Craig 10-10 number during the QSO party. Net will kick off at 7:45PM Friday August 6th, just prior to the QSO party beginning on 28.375 MHz. Spirit of 76 was at the beginning of the month, Al (N1API) made 46 points for the club.

VE session – Discussion was opened on how to best organize a VE sessions. Don (KE1AY) will give some future dates that will be posted on the W1NRG page for VE sessions. The plan is to have one session every three months.

Key Klix – Excellent job Dave(K1WJL). Dave is always looking for articles and pictures. Keep them coming.

Membership – 6 members were dropped from the roster for non-payment of dues. New members applied for membership; Bob Lombardo (W1NDT), Mike MacKennedy (K1MMK), Anne West (K1STM), John Stoidis (no call sign yet), and Ralph Ring (KE4EYA). A motion was made and voted on to include these new members; a unanimous vote accepted these five new members to the club. Welcome to the club folks. Dave (K1WJL) reported that we have 71 members with tonight's new additions in the club. As a reminder for old and new members:

Dues are to be paid by January 1. Dues are \$15.

New members (haven't been a member in the past), who join after July 1st, get current year and following year for the fee of \$15.

After July 1 of calendar year, a delinquent dues member can pay \$5 to make membership current **plus** pay next year's dues (total of \$20).

Seniors, student and additional family membership rates still apply.

The above was voted on and accepted; effectively this is the dues payment rules moving forward.

Also, for new and old members there is a Club Welcome Guide PDF document at the following URL: [http://www.w1nrg.com/website/Club Information/Club Information.html](http://www.w1nrg.com/website/Club%20Information/Club%20Information.html)

Interference and Technical – Rich (WA1TRY) was not present. If anyone has issues with Interference and Technical issues let Bill (W1KKF) know and he'll let Rich know about the problem.

Repeater – Not discussed.

Hamfest - The event is on schedule. Hotel is booked. Bill (W1KKF) indicated that our featured speakers (Balloon Launch and Skywarn) have backed out. Bob (KB1FYL) will reach out to an acquaintance that knows Rick Mastracchio (KC5ZTE) to see if Rick will speak at our event.

Candy Store – Bill (W1KKF) displayed a Jacket and Name badge from Gold Medal Ideas (<http://www.goldmedalideas.com/0>). The jacket patch is embroidered (not an iron on patch). The jackets are \$70. It's a lined windbreaker type jacket. The name badges are \$12 and are printed (not engraved) and use magnets rather than pins as a means of attaching to your clothes. Eventually Gold Medal ideas will have a Web Page for MARC where we can place orders. There is a winter jacket for \$115 as well. All are very good quality and look very nice.

EmComm – No news. Nothing from Ernie on our move to the new facility, so the August meeting will be at our current location

Misc. Old Business –

Field Day - Field day was a success. There was a lot of Walk-Ins and had a couple of young folks make their first HF contact.

N1ZN is working on submitting the package to the ARRL. There were 530 QSO for CW (1060 points), 0 digital QSO, and 272 QSO for SSB (272 points) 1332 points for QSOs. 2X power multiplier for using less than 150W brings the QSO point total to 2664.

Bonus points –

100% emergency power	- 200 points (100 / transmitter) – Chris (WA1VXH) to get letter from the Fire Chief
Media publicity	- 100 points
Set up in a public facility	- 100 points
Information booth	- 100 points
Section Manager Message	- 100 points
Field day message	- 100 points
Message handling	- 0 points
Sat QSO	- 100 points
Natural power 5 QSOs	- 100 points
Site visit by elected official	- 100 points
Site visit by served agency	- 0 points
Educational activity	- 100 points (using Bob (Kb1FYL) & Gaianne's (KB1TJD) Telescope Sun Spot education)

Youth Element achieved - 40 points

GOTA bonus - 0

E4H app on line submittal - 50 points

Safety officer - N/A

Social media bonus - 100 points

Bonus point total - 1290 points

Total points - **3954 points**

Elmer of the Year

Rob (K1RCT) is nearly complete with this task. Rob will finish up working on the digital interface to the rigs then go back and work on the Award Photoshop file.

New Business –

U.S. Islands Award Program - Fireworks Island, John B (N1GNV) submitted application to the US Islands Awards Program and Fireworks Island has been assigned CT037. The event for operating the W/VE Island QSO party is August 27th (Saturday) from 8AM to 11PM local time. If we make 25 contacts in at least 2 DX entities then the island is designated CT037R, and W1NRG and the operators call-signs will be listed as qualifiers of this island for all time.. Last year's event was a lot of fun from CT035L and this year will be more of the same. Contact John B. (N1GNV) if you want to schedule a time slot to operate. Learn more about the QSO party at the following URL: <http://www.usislands.org/> Fireworks Island is very easy to get to by car from 380 Main Street, Yalesville (Route 150). Access is from "Yalesville on the Green Luxury Condominiums".

Mobile Hotspot – The question of having a hotspot was discussed. Having internet is very useful in QSO parties and contests. The club has a hot spot that costs \$30 / month. The club decided not to keep the hot spot active month-to-month but instead activate the hotspot as needed. The hotspot is with T-Mobile and each time the hotspot is reactivated for a month the club is charged a reactivation fee in addition to the month fee, bringing the total to \$53.65 to activate the hotspot (if it was not activated the month prior). The hotspot was used for the IARU contest and the club will reimburse Rob (K1RCT) for the \$53.65. Steve (KC1SA), Rob (K1RCT) and John (K1VDF) will present to the club next month recommended options for club hotspot activation in the future.

Floor Fans – Al (N1API) would like the club to purchase two floor fans. Al to research cost and bring this up next month.

Meeting was closed at 8:50 PM

Sect Steve KC1SA

Meeting Attendees on July 14, 2016

Call Sign	Name	July '16	Call Sign	Name
AB1DQ	James Surprenant	Y	K1LYP	John Yusza
K1LHO	Mike Ash	Y	K1VDF	John Blevins
K1LYP	John Yusza	Y	K1WJL	Dave Swedock
K1VDF	John Blevins	Y	KB1JL	Eric Olson
K1WJL	Dave Swedock	Y	KC1ACN	Rob Cichon
KB1EHE	Eric Knight	Y	KC1FOK	Matt Huskes
KB1FYL	Robert W. Carruthers	Y	KC1SA	Stephen Allen
KB1FZ	Elsie Mathews	Y	KE1AU	Robert Kaczor
KB1JL	Eric Olssen	Y	KE1AY	Donald Mitchell
KC1ACN	Rob Cichon	Y	N1API	Al Kaiser
KC1SA	Stephen Allen	Y	W1DQ	John Elengo
KE1AY	Donald Mitchell	Y	W1KFK	Bill Wawzeniak
N1API	Al Kaiser	Y	W1YSM	Ed Snyder
			WV2LKM	Steve Waldmann

Flash Back from KB1EHE

40 years ago, in 1976, when I was 16 years old, I built my first "from-scratch transmitter". It was a two-transistor (2N2222) tuna-can chassis transmitter called the "Tuna Tin 2" as featured on the cover of the May 1976 issue of QST. With 13v in it would spit out 350mW on 40m. Well, I just spotted on the cover of this month's CQ magazine a flash-back project of the Tuna Tin 2. All these years, I have kept my original Tuna Tin 2 -- and -- my original 1976 issue of QST.

The accompanying photo show all three items:

My Tuna Tin 2, the original QST magazine, and the August CQ magazine. And -- yes -- you'll note that over the years I cannibalized and borrowed parts from my Tuna Tin 2 for other projects -- such as the two SO-239 panel-mount connectors, crystal socket, key socket, power socket, and RX/TX switch. Inspired by the August CQ magazine, I think I'll re-build my ol' Tuna Tin 2 -- and get it back on the air after 40 years.

That will be fun!

73, Eric KB1EHE





CT-ARES REGION 2

Douglas Sharafanowich – WA1SFH
District Emergency Coordinator, Region 2
WA1SFH@optonline.net

The Great 2016 “GO BOX” Competition..... ALL Hams Welcome to Enter!
NUTMEG HAMFEST 2016 Sunday, October 16, 2016 Hours: 8:30 am – 10 am
Sheraton Four-Points Hotel, 275 Research Parkway, Meriden, CT

Get organized to “Go Portable”!

- Eliminate the last minute hunting for gear before leaving.
- Banish the frustration of not having what you need at the operating site... because it is still back at the home QTH. The “Go Box” is probably the best way to organize your radio equipment for those times when you want to (or need to) “Grab-‘n-Go” for Portable Operations such as:
- Day Trips
- Weekend Get-Aways
- Vacations
- Public Service Events
- ARES Drills/Exercises
- Real World Disasters

DETAILS, ENTRY RULES and OTHER THOUGHTS

<http://www.ctaresregion2.org/forum/getting-equipped-for-ares/574-the-great-2016-go-box-competition>

Don't have a “Go Box”? Get Started and Build one! - You'll be glad you did. ;-)

Sponsored by: CT ARES – Region 2

GOLD MEDAL (NOT THE FLOUR COMP.) IDEAS SELLS MARC APPAREL

The Meriden ARC has a page on the Gold Medal Ideas web site. You can order the MARC Jacket and Name Badge from this page. Here is how to find it: In your browser address bar type: www.goldmedalideas.com

When the Gold Medal Ideas page appears, point to the “STORES” button, then “ORGANIZATIONS” and click on “YOUR GROUP STORE”. A new window will open. Point to “Products” and click on “Meriden ARC”.

Or just type http://stores.goldmedalideas.com/ygs/Meriden_ARC-Products/1000156

The Meriden ARC Products page will open with our jacket and name tag shown.

To order the jacket, click on the Jacket for a full size picture. Click on the “Choose your size” dropdown list and pick your size. Then click on the “Personalize” button to include your call and name. The “Add to Cart” button will appear so you can order the jacket.

To order the Name Tag, the process is the same, only now the “Choose your size” will let you choose either magnet or a clip to hang it on your shirt.

There are other items we probably want on our club page.

For instance: a tee shirt, a golf shirt and a denim shirt. These would be with club logo and name and call-letters on them.

Gold Medal Ideas does their embroidery and printing on clothing from Company Casuals.

<http://companycasuals.com/CompanyCasuals/start.jsp>

On Company Casuals web site is a search box in the upper right corner of the page.

Put in JP54 in the search box and you will get all the size data for our jacket.

If you want info on Tee shirts put in 2000 into the search box.

If you want info on a Polo or Golf shirt put K500P for a polo with pocket.

If you want info on a Denim shirt, put in SP10 into the search box.

The Meriden ARC picked Navy Blue as our club color for shirts and jackets many years ago.

I hope that you order your shirt with club logo and name and call.

To order a shirt, give Amy a call at Gold Medal Ideas at (847) 478-0041 or E-mail at: amyk@goldmedalideas.com

Any questions let me know (203) 269-8252.

73, Bill, W1KKF

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

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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

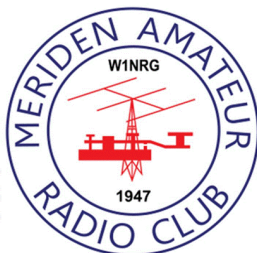
2 METER NET TUESDAYS 7PM
 147.36 /RPT K1TDO TODD

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

FORUM/BBS:

GO TO WWW.W1NRG.COM
 AND FOLLOW THE LINKS

CASTLE CRAIG 1010 WEBSITE:

GO TO W1NRG.COM
 AND FOLLOW THE LINKS

CLUB REPEATER W1KKF/R

147.36MHZ +600 OFFSET
 NO PL TONE (OPEN REPEATER)

MARC MEMBERS

AB1DQ	James Surprenant	16
AB1HB	Charlie Dudac	16
AF1HS	Art Fregeau	16
K1IIG	Steve Tripp	16
K1JTH	John Hart, Jr.	16
K1LHO	Mike Ash	16
K1LYP	John Yusza	17
K1MVM	Mike Macri	16
K1PU	Mark Mokoski	16
K1RCT	Rob Cichon	16
K1RJC	Rick Castaldo	16
K1SEZ	Paul Ciezniak	16
K1STM	Anne West	16
K1TDO	Todd Olsen	16
K1TG	Roger Kuchera	16
K1THP	Dave Karpiej	16
K1VDF	John Blevins	17
K1WJL	Dave Swedock	17
KB1EHE	Eric Knight	16
KB1FYL	Bob Carruthers	16
KB1GWP	Joseph Rish, Sr.	16
KB1HCC	Jonathan Winslow	17
KB1IFZ	Elsie Mathews	16
KB1JL	Eric Olsson	16
KB1TJD	Gaianne Jenkins	16
KB1ZMK	Dan Busa	16
KC1AYL	Mike Meadows	16
KC1CYC	Harry Shaefi	16
KC1EVI	Gerard Carrieria Jr.	16
KC1FOK	Matt Huskes	16
KC1SA	Stephen Allen	16
KE1AU	Robert Kaczor	16

KE1AY	Donald Mitchell	16
N1API	Al Kaiser	17
N1BF	Patrick Dionne	16
N1GNV	John Bartscherer	16
N1GY	Geoff Haines	19
N1HCA	Susan South	16
N1LGH	Barbara Stone	16
N1NAN	Helen Spokes	17
N1OKF	Bob Parisi	16
N1VTE	Sarah Kaczor	16
N1ZN	James Savage	16
NY2HF	Dennis Lane	16
W1ATV	Walt Yatzook	16
W1DMM	Dan Murphy	L
W1DQ	John Elengo	17
W1KKF	Bill Wawrzeniak	L
W1LV	Steve Morley	16
W1NDT	Bob Lombardo	16
W1NHS	Fred Ring	16
W1POP	Fred Liedke	18
W1VCU	Nelson Denison	L
W1YSM	Ed Snyder	16
W7FUR	William Spokes	17
WA1JKR	John Rogus	16
WA1TRY	Rich Aubin	L
WA1VXH	Chris Sievert	16
WA1ZVY	Jim Martin	17
WB1GGP	Jerry Sheppard	16
WB1GYZ	Bob Biancur	16
WB8IMY	Steve Ford	16
WV2LKM	Steve Waldmann	16
WY1U	Tim Mik	15