

KEY KLIX



FEBRUARY 2021



MERIDEN AMATEUR RADIO CLUB

1947 -- 2021



THINK SPRING!



WHILE YOUR DOING THIS!!!



MEET YOUR OFFICERS

W1YSM ED



PRESIDENT

KB1JL ERIC



VICE PRESIDENT

N1BRL BART



SECRETARY

K1WJL DAVE



TREASURER

K1RCT ROB



STATION ACTIVITIES
MANAGER

ALL MEETINGS ARE **NORMALLY** AT THE EOC HOPE HILL FIREHOUSE, 143 HOPE HILL ROAD, WALLINGFORD **HOWEVER THEY ARE SUSPENDED UNTIL FURTHER NOTICE**

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WEBSITE WWW.W1NRG.COM OFFICIAL MAILING ADDRESS,
MERIDEN AMATEUR RADIO CLUB, POB 583, MERIDEN CT 06450

FROM THE ARRL ON THE PURPOSE OF AMATEUR RADIO

For over 100 years amateur radio and ARRL — the National Association for Amateur Radio® — have stood for the development of the science and art of communications, public service, and the enhancement of international goodwill. Amateur Radio's long history and service to the public has solidified the well-earned reputation that "Amateur Radio saves lives."

Amateur Radio Operators, due to their history of public service, their training, and the requirement that they be licensed by the FCC have earned their status as a component of critical communications infrastructure and as a reliable resource "when all else fails."

Amateur Radio is about development of communications and responsible public service. Its misuse is inconsistent with its history of service and its statutory charter. ARRL does not support its misuse for purposes inconsistent with these values and purposes.

GET WELL WISHES TO:

Todd K1TDO who is at Yale-NH hospital recovering from a recent severe illness, we all miss him on his 2-mtr Tuesday night net and hope he is on the air again soon.

John K1VDF who is at the Masonic care facility recovering from a recent fall. We all miss him on his Tuesday night 10-meter net. And hope to see him back soon as well.

WELCOME TO NEW MEMBER:

The MARC welcomes Guy Allard KB1MZG as our newest MARC member being voted in at our January meeting....

K1LYP SENT THIS IN AND ASK'S
"WHICH CLUB PRESIDENT DOES THIS REMIND YOU OF ????"



"IF THIS IS YOUR WORKSHOP THEN WHY DO YOU HAVE CHAIRS, A COUCH AND A SMALL REFRIGERATOR IN THERE?"



The President's Podium



Ed Snyder W1YSM, President

A Constitution is defined as a body of fundamental principles or established precedents according to which a state or other organization is acknowledged to be governed. By-Laws are defined as rules or laws established by an organization to regulate itself as allowed. They are the governing rules by which the corporation operates. The Constitution and By-Laws of the Meriden Amateur Radio Club were first adopted by the MARC founding fathers on the 29th of February 1948. They were amended in 1982, 1993, 1997, 1998, 2009 and last on June 14, 2018. I do not know why 34 years passed before they were amended and why there was a flurry of activity in the 1990's.

Changes to these documents must be made with the consent and approval of the organization's members. MARC's Constitution and By-Laws function in just this way. They should be a 'living' set of documents. I believe that in 2021, these foundational papers need to be refreshed and reaffirmed to make them more relevant and in keeping with current societal norms. For example, in 2018 the word "man" was replaced with "man/woman" and "he" changed to "he/she" to reflect the long-needed changes in how society viewed women. After our proposed revisions, the basic Constitutional tenets likely will remain the same, such as the definition of a quorum or the number of members needed to vote in or remove an officer, and the terms of the Officers, etc. Some Articles/Sections will have been reworded as their original meanings were obscure. Other sections in need of revision include Article VI, Section 3 which designates that the last regular business meeting is to be held in November and that it shall be designated as the Annual Meeting. This section prevents the December meeting, now an activities meeting (Year in Review) from being considered a regular meeting – it does not prohibit it from being an Activities meeting. This designation, however, precludes the conduct of business such as voting in new members or voting on any matter that was not specifically so designated prior to the meeting being held. This, I believe, is outdated. MARC in 2021, needs to meet monthly, including December – there is just too much to do.

By-Laws governing Committees also need re-evaluation. There are only 4 designated standing committees named: Technical, Publicity, Program and Entertainment and Scholarship. That part, Section 7, needs revamping to include several other Committees that deserve "Standing Committee" status such as committees on Club Nets and Instructional (VE) activities. Importantly, the MARC Call Sign W1NRG appears nowhere in either Document. Throw in the typos and syntax issues, and it's clearly time to relook at and refresh our founding principles.

This exercise will also allow us to focus on other aspects of our Club that would benefit from re-evaluation, such as Repeater Ops, the status of our Hamfest (Nutfest), our relationship with the Town of Wallingford (OEM and W1WRG), and the need to better archive/preserve our meeting minutes and other club documents. Likely we may decide the status quo is just fine for many of these areas. The Constitution and By-Laws need to grow and in that process, have one version inform the next one. Together these documents constitute a living, breathing entity that needs care and oversight. I look forward to our Club discussing these issues before the members vote on the proposed changes. I am proud and privileged to lead this current effort. The success of our effort will be judged by those who come after us. I hope they will judge us kindly.

I would love to be at the **2078** meeting of the MARC as it is gaveled to order, and the 190 assembled members are asked by the President to please "quiet down". With any luck there wouldn't be a single face mask to be found in the room, except in the dusty locked file cabinet next to the antique FT-991a.

Ed W1YSM
President MARC

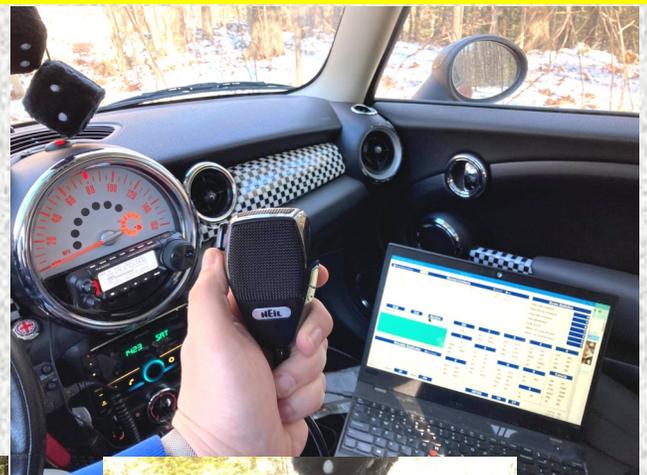
MARC CLUB NEWS

MARC Business meeting on Thursday Feb 11, 7:30pm on ZOOM.... Rob K1RCT will disseminate the Login credentials via email on Thursday prior to the meeting ...

MARC activity meeting will be on Thursday Feb 25th at 7:30pm on ZOOM, same details as above... Activity will be a review of Club activities & programs, all constructive criticism will be appreciated.



OUR OWN JAMES AB1DQ DOING WINTER FIELD FROM THE NAUGATUCK STATE FOREST QUINNIPIAC RIVER TRAIL IN CHESHIRE.





Secretary Report & Minutes of the Meriden Amateur Radio Club

Bart Toftness N1BRL , Secretary

JANUARY 14, 2021 BUSINESS MEETING

Year in Review/ Business meeting January 14, 2021 via Zoom videoconference

Meeting was called to order by President W1YSM at 1930 local

Normal introductions were omitted as all attendees (32) are self-identified in 'Zoom',

K1RCT, KE1AY, W1YSM, WB1GYZ, KB1JL, KB1MZG, KC1SA, AB1DQ, W1KKF, KE1AU, N1YLN, KB1EHE, KB1IFZ, N1ZN, W3APC, N1LES, N1GNV, K1JCF, K1WJL, KC1KQH, KC1ISI, N1API, WA1TRY, KC1DOY, W1DQ, W1EDX, WV2KLM, K1LYP, NZ1J, N1BRL, K1LHO, W1AJK.

Announcements (W1YSM), The members will continue to follow strict Covid-19 regulations for all MARC activities. The WARG – Covid-19 Panel via Zoom with W1YSM, KB1IFZ and S. Civitelli was well received with 163 hits on YouTube in addition to the attendees. W1YSM attended the ARRL NE Division Meeting. As the ARRL – CT Affiliated Club Coordinator, W1YSM related the impact and opportunities for MARC. There is region-wide interest in club collaboration.

Secretary's Report (N1BRL) The December 2020 minutes as published in Key Klix were approved.

N1BRL presented the application of Guy Allard KB1MZG for membership which was approved by a show of hands on Zoom and there were no objections. Welcome Guy.

There was no new correspondence to report. N1BRL will coordinate the new membership application process so applications and inquiries should be forwarded to him at N1BRL@ARRL.NET

Treasurer's Report (K1WJL) was read by Dave. Details are available from Dave upon request. There were 2 requests for reimbursement to K1RCT for HOY/EOY certificate frames and parchment paper, and for a IR thermometer for club events. The club PayPal account will soon be ready with an announcement to follow when it's available reminding members to use the 'friends and family' option.

Station Manager's Report (K1RCT) Some of the items in the SAM Report were; EOC used for COVID-19 Vaccine storage, repeater Echo Link node W1NRG-R is hosted by KC1SA, club websites edits continue, club G5RV is out of service due to broken stand offs, and Zoom meeting passcodes will be distributed by email.

It was proposed to add the Station Activity Manager to the repeater committee of W1KKF, K1VDF, K1LHO, WA1TRY and KC1SA. A longer term goal (18 to 24) is to consider a more modern repeater/controller with an estimated cost of 3-5 thousand dollars.

Members are advised the 162.2 PL/CTCSS on the repeater input will be activated on 1 March 2021.

The SAM report is available upon request.

Committees

Entertainment/Activities, Jan 28 @ 7:30pm will be the Activities meeting on American Morse presented by J. Chris Haulser, WB2TLL. W1YSM presented the idea adding into our activity meeting programs some commercial speakers from vendors such as Icom, Yaesu and Kenwood. N1GNV will contact some to discuss availability. These meetings could be opened to other hams around the state.

Tech – Net Plans for 2012 AB1DQ has an impressive program of presenters lined up as outlined in KeyKlix.

Saturday Morning Activities The Saturday morning Coffee Cup Net continues to be well attended and sustains us through COVID. Recently it was hosted by our guest NCS KC1SA while W1YSM attended the concurrent VE session where 7 out of 8 candidates passed their exams, with 6 being new technicians. Fox Hunts Four MARC members traveled to Manchester to participate in the 'Bears' annual fox hunt. Our own un-official Saturday morning fox hunts (NZ1J) have a steady and dedicated group of hunters who failed to be deterred by winter weather. The evolving direction finding antenna designs are helping the hunters locate the fox. Fox in a box provided on Sundays by K1RCT are a different type of challenge and sometimes difficult to find.

Website Update Committee chaired by NZ1J continues to make minor updates to the club website. It was suggested to recruit KC1HDB to the committee as a result of his expertise in resolving some recent issues.

Contest Activation Winter field Day is coming and K1LYP has offered his warehouse space as a base of operations. There will be COVID compliant cleaning between usage by operators and N1YLN has setup a signup sheet for time slots. It is also possible for club members to operate from their home stations and credit their scores to MARC.

Club Nets All of the club nets continue to be well attended.

Castle Craig N1API reminded us of the upcoming 10-10 winter QSO party on Feb 6-7 with a kickoff net on Feb 5.

Interference/Technical It is anticipated that the activation of the repeater input PL/CTSCC (162.2 Hz) will reduce or eliminate its interference.

Instruction VE KE1AY reports the monthly VE sessions have a good number of examinees and K1LYP has donated space to hold the VE sessions while we can't use the EOC.

KeyKlix K1WJL continues to produce the monthly KeyKlix along with the COVID inspired KK-QRP. A special mention to WA1TRY for his look back to the 1950's vintage foxhunt at MARC.

Scholarship, WARG/EMCOM/Aux Com, Candy Store Gold Medal Ideas and Community Outreach/Social Media had nothing new to report.

Old Business

None reported

New Business

Equipment removed from the OEC is being stored by K1LYP. K1RCT will provide more details about disposition of equipment removed at the next meeting.

W1YSM asked to create a committee to review the Constitution and By-laws. The plan is to improve some of the language to make it reflect today's practices. Once the review is complete any recommended changes will be presented to the membership. The committee will consist of club officers plus Steve KC1SA. The later included by the request of the president, W1YSM.

There was a discussion relating to the need to store all electronic club documents on the web server. Effort should be made to obtain copies, scans or photographs of other documents and items of historical value to the club so they may also be stored on the web server.

Visitors to club business meetings on Zoom will be held in the 'waiting room' until after the treasure's report. The club has been using the Zoom account of a member for its meetings and reimbursing him for the expense. As Zoom has proven to be an effective means for the club to meet during the pandemic K1RCT suggested MARC establish its own Zoom account for one year instead. The membership voted to approve. N1BRL will coordinate creating a New Ham Welcome Kit.

Voting Summary for the January meeting

New member KB1MZG was affirmed by majority

December minutes were approved

Vote to approve purchasing a club Zoom account was approved

Meeting was adjourned at 21:26

MERIDEN AMATEUR RADIO CLUB TECH NET SCHEDULE

Winter - Spring 2021

Net No.	Date	NCS	Call	Topic	RF Frequency
2021-04	02/18/21	Rob & James	K1RCT, AB1DQ	Grounding: RF & Safety	W1KKF/R
2021-05	03/04/21	Ant	NU1U	TBD	W1KKF/R
2021-06	03/18/21	TBD	TBD	TECHNICIAN TRIVIA	W1KKF/R
2021-07	04/01/21	John	N1GNV	Understanding SWR	W1KKF/R
2021-08	04/15/21	James	AB1DQ	QSL & Awards - paper vs electronic, ARRL vs all others	W1KKF/R
2021-09	05/06/21	Rob	K1RCT	Establishing a Club Contest Station	W1KKF/R
2021-10	05/20/21	Eric & Elsie	KB1EHE, KB1IFZ	The communication importance of anti-DX	160M , TBD
2021-11	06/03/21	TBD	TBD	GENERAL TRIVIA	W1KKF/R



**MARC TECH NET GURU
JAMES AB1DQ**

MARC TECH NETS occur on the 1st & 3rd Thursday of the month at 7:30 PM local time

Nets meet on the Wallingford repeater W1KKKF/R 147.360+ No PL, unless otherwise noted.

All Tech nets will be simulcast via ZOOM: <https://zoom.us/j/93229634252>

Years Past - MARC Activities from Rich WA1TRY

February 2011 -----

Pres N1GNV, VP N1ZN, Treas KB1HCC, Sec W1DMM, SAM WA1TRY

February's activity meeting - Annual Home Brew and Tune Up night.

The club scholarship received \$225 in donations from the December Christmas Party attendees.

A Motion to reappoint the Repeater board of Governors (Bill W1KKF, John K1VDF, Rich WA1TRY, Dan W1DMM, & Mike K1LHO) for 2011 was approved unanimously.

In his EmComm report, Chris, WA1VXH discussed the upcoming MS Walk-a-thon in Cheshire in April. It was noted that MARC may be the only or one of the very few clubs supporting these activities any more.

2001 -----

Pres W1KKF, VP N1JEO, Treas KE1AY, Sec KA1SZP SAM N1API

The club discussed and voted to approve the purchase of an MFJ-493 Keyer.

Noted that the Keynote speaker for that year's Nutmeg Hamfest was Riley Hollingsworth, FCC Special Counsel

N1API volunteered the MARC Secretary to develop a "Welcome Aboard" package for new and prospective members.

Noted that Trinity College and CPTV is presenting a "Family Science Expo" aimed at the K-12 set on March 22nd. through March 25th. The theme is "2001 Science of Communications".

Booth volunteers: K1LHO, KA1SZP, N1JEO, W1KKF, W1FD, KB1CIW, N1YGL.

1990s -----

In the 1993 Novice Roundup, W1NRG/T took first place Technician, Multioperator Connecticut Section, Ops were KA1WAT, KA1WAU, KA1ZDU, N1KGY, N1LEU

In the 1994 Novice Roundup they took first place Multioperator Connecticut Section (and also) was the Division Leader

1970s -----

The Morning Record, Meriden, Conn., Monday, October 18, 1976—17



Photo by Mary Ellen Mack

'On the air'

Monitoring the start of the 19th annual "Jamboree on the Air" from the Meriden site on Saturday were, from left, Scout Dan Biernacki, Meriden Amateur Radio Club member Jim Parisi whose call number is WA1VGP, and Scout Ted Standish. Chairman for the event was Bill Wawrzeński.

Boy Scouts travel globe via 'ham' radio jamboree

continued on the next page

1970'S

"Who's going to win the World Series?"

That question ranged from Canada to South America this weekend as Boy Scouts from around the world got together "on the air."

Thirty-three Meriden Boy Scouts were afforded an opportunity to converse with their peers in 20 other states and six foreign countries through the efforts of the Meriden Amateur Radio Club.

The 19th annual "Jamboree On The Air" was based here in the Bicentennial Headquarters on West Main Street, with call letters AC1NRG.

According to Frank Darmofalski, president of the "ham" radio organization, 33 Scouts participated in the Saturday and Sunday jamboree, with scoutmasters and parents visiting the facilities, too, throughout the weekend. Fourteen members of the radio club operated the equipment for the jamboree.

"We contacted scouts from 20 other states and from Nicaragua, Colombia, Bolivia,

Puerto Rico, Ireland and Canada.

"The Scouts traded information about their projects, made contacts to trade patches, but one thing seemed to always arise: they wanted to know who the other guy on the radio thought would win the World Series," Darmofalski said.

He also singled out two operators for praise. Timothy Mik, a 14-year-old operator, put in 12 hours on the radio, while Dan Biernacki volunteered 20 hours of service.

Darmofalski added that Mayor Abraham G. Grossman, who allowed the club and the Scouts to use the Bicentennial building, has granted the ham operators permission to use the facility in the coming months to conduct activities for the public. Darmofalski said this would include message handling at the holidays between residents and their relatives in the service and classes in electronics and radio operation.

MARC Hams mentioned in this articles are:

Jim Parisi - WA1VGP

Bill Wawrzeniack - W1KKF

Tim Mik - WY1U

Frank Darmofalski - W1FYG - W1FD (sk)

Dan Biernacki WA1MYX - WX1D (sk)

1960s - - - - -

From 1964 - Although he isn't shown in this picture, please note the name circled in RED below. Yes, that's the original club purveyor of wit, humor and of course all things news-worthy back in 1964 and now 2021.

Noted: ORIGINAL editor of Key Klix - Dave Swedock, K1WJL



LONG DISTANCE CALLING — Mr. and Mrs. William Baker, left, Lawrence Cooke and Floyd Steiner, right, listen as Frank Darmofalski talks via "ham" radio to Douglas Blakeslee, a Meriden airman stationed in Lyon, France. Baker is treasurer of the club; Cooke, vice president; Steiner,

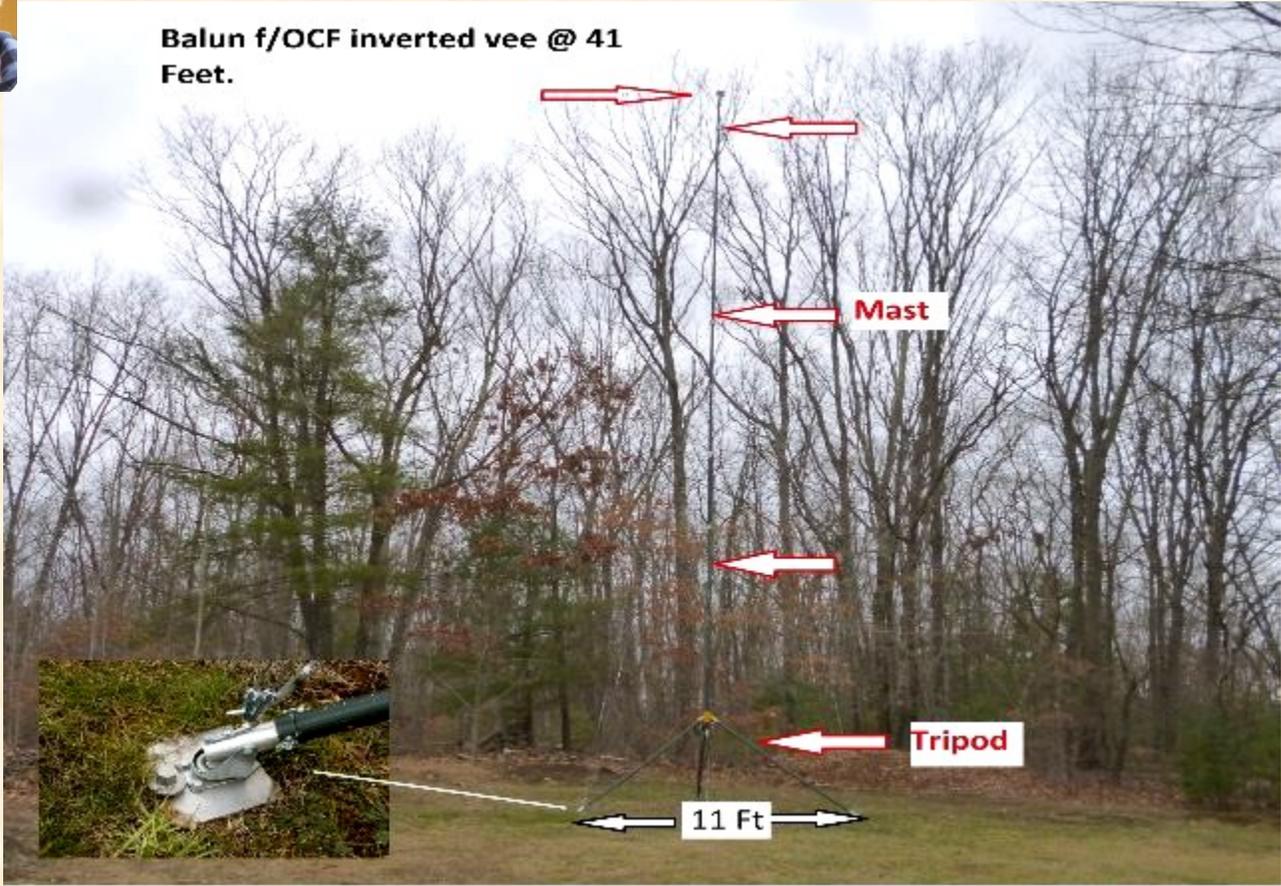
secretary; and Darmofalski, president. Mrs. Baker is circulation manager of the club's monthly newspaper, the "Key-klix," which is sent to area amateur radio operators as well as local members. Dave Swedock is editor. (Record Photo)

Amateur Radio Club

K1WJL reports: From the left, Bill Baker K1WKH, Marie Baker his XYL, Larry Cooke (Cookie)K1QAH, Frank Darmofalski W1FYG , Floyd Steiner W1WEE (All SK's except for Marie), Bill was my closest ham buddy, Cookie was my Elmer/mentor...As a special treat for the club, attached in a separate file is the very first Key Klix I did a young teen for the club.....



Balun f/OCF inverted vee @ 41 Feet.



41 ft Aluminum Tripod (Mast is dark green and hard to see in photo taken on a dark over-cast Winter day)

I'm a big fan of those Army surplus masts (fiberglass and aluminum) that were made for tent poles and other structures used by the armed forces. Coupled with one of the available tripod mounts, they are excellent for use as portable or temporary antenna masts.

This will be a multipart article on the evolution of the TRY version, using those aluminum masts for various antenna supports with heights from 20 to 41 feet tall.. This month we will discuss the beginning of my quest to build the ultimate tripod antenna mounting fixture. All the masts and other accessories in this article will be dealing with the aluminum masts.

The top picture is the 41 foot tripod setup in my back yard. It is holding up an HF OCF inverted Vee dipole. I have a great location just under 1,000 ASL BUT all the land within 2 to 3 hundred feet of my home is comprised of a mix of granite bedrock and soapstone rock. Average depth of soil at most is only 18 inches. So it's not suitable for a concrete tower base. I found an area about 80 feet from the back of the house where there was enough undisturbed soil to use some heavy duty screw type earth anchors for the tripods.



A 1/2 Inch electric impact wrench drives the anchors easily tripods.

The earth anchors are cast aluminum and I have one holding down each leg with a custom built swivel mount on a heavy aluminum plate. The leg screw in anchors are 10 inches long and pull out force in good packed soil is about 700 lbs per anchor. Those leg anchors are primarily to hold the legs in position. Most of the hold down force is provided by a single 26 inch long earth anchor under the center of the tripod that is holding the center of the tripod mount down with a heavy duty turnbuckle and 3/8 inch stainless cable. That center anchor is rated at 3,100 lbs of pull out force. Does it work? So far it's survived 70+ mph winds during last year's hurricane.



Guy rings by TRY made out of T-6061 - 1/4"



Mast joint clamp with aluminum guy ring

Aluminum.

The above photos show the heavy duty guy rings and mast joint clamps I used. Each mast section is 44.5 inches long (not including the slightly smaller diameter telescoping tip which is 3.5 inches long. I have 10 masts pushed up thru the center tripod mount. That puts the mast length at 37 feet with the bottom mast extending below the center tripod mount about a foot. The extended tripod legs raise the mast an additional 5 feet which puts the height of the balun at the top of the mast at 41 feet.



(1) First gen. tripod mast swivel leg mount used with 41 ft tripod



(2) Heavy duty non-swivel tripod leg mount

In the above left picture (1) is the "tilt over swivel" leg mount that I devised. It is a 1/4 inch aluminum plate, with a hole drilled to accommodate the earth anchor. The plate has a Harbor Freight 4 inch heavy duty swivel caster with the wheel removed. The bottom end of each leg has a 1 9/16" solid aluminum rod about 8 inches long inserted into it. When fully assembled each leg length can be adjusted to level the entire thing by sliding that leg mast up and down on the inserted solid rod. Two set screws are socked down to hold the leg in place. There are enough extra inches of rod protruding from each leg end to attach a heavy J-hook for the guy lines that is fastened with bolts. Normally the set screws in each leg are loose while the whole structure is laid over horizontal with the end of the mast being held up on a step ladder.

Antennas are then assembled at the top while horizontal and when ready it's walked up to vertical.

Its Worth Repeating

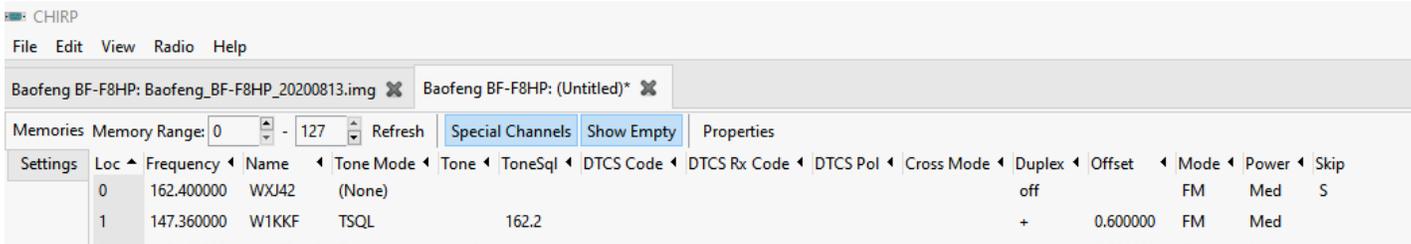
FROM STEVE KC1SA



On March 1st the W1KKF repeater will enable CTCSS on both input and output. Today the repeater does transmit the CTCSS tone of 162.2Hz whenever the repeater transmits (147.360Mhz). If you have CTCSS enabled on your radio, then only when the repeater transmits will your radio receiver break squelch. We will turn this type of function on for the repeater input side, so when you transmit to the repeater (147.960Mhz) your radio will have to insert the CTCSS tone 162.2Hz in order for the repeater to 'hear you'.

This implementation will essentially put earplugs on the repeater and unless the repeater hears the 162.2Hz tone the repeater won't respond. If there are fringe stations operating on 147.960Mhz or 147.360Mhz we won't hear them because repeater and our radios will have earplugs enabled. The implementation doesn't rid us of interference; it just masks it so we don't hear it.

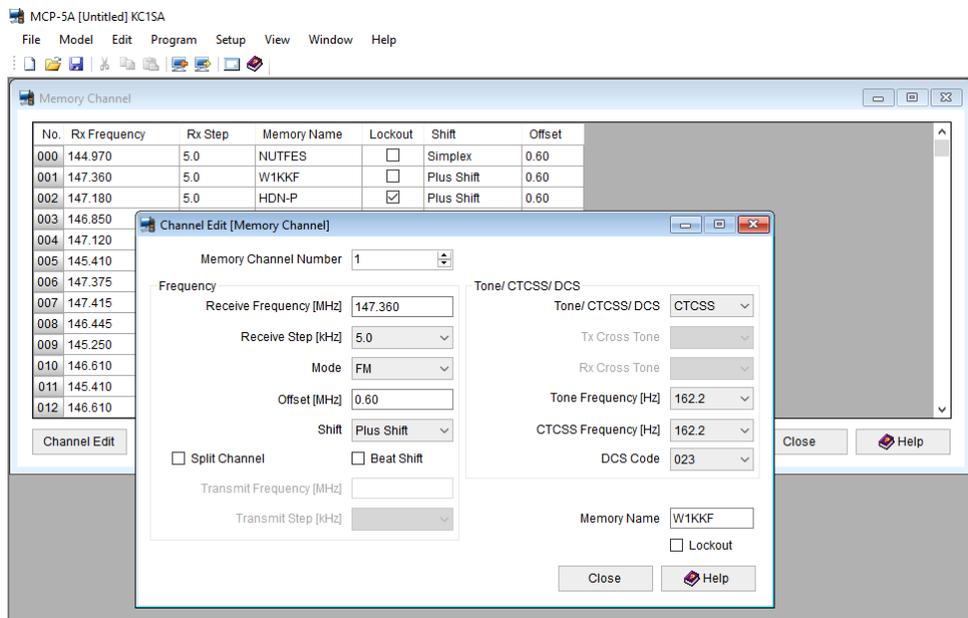
Baofeng, Kenwood, Icom, Yaesu and other current 2m radios all support CTCSS. You can enable this on your radios today in preparation for March 1st. Enabling CTCSS on your radio today will not impact the use of the W1KKF repeater before the March 1st date. If you are unable to figure out how to enable CTCSS on your radio, drop an email to the club reflector and someone will chime in and assist you. An example using Chirp programming tool, put TSQL in the Tone Mode column and plug in the 162.2 number into the ToneSql column for the repeater. This enables CTCSS for both TX and RX.



The Kenwood MCP program has a similar setting (shown below) Select CTCSS in the Tone/CTCSS/DCS box and then ensure 162.2 is in the CTCSS Frequency [Hz] box.

73

Steve KC1SA



Kids exploring ancient ruins



FLU SHOTS AT THE OEM



i think they meant
the date... 🤔



BOSTON STORM ALERT



Today's smile with some truth:
Ordering a Pizza in 2021

CALLER: Is this Pizza Hut?

GOOGLE: No sir, it's Google Pizza.

CALLER: I must have dialed a wrong number, sorry.

GOOGLE: No sir, Google bought Pizza Hut last month.

CALLER: OK. I would like to order a pizza.

GOOGLE: Do you want your usual, sir?

CALLER: My usual? You know me?

GOOGLE: According to our caller ID data sheet, the last 12 times you called you ordered an extra-large pizza with three cheeses, sausage, pepperoni, mushrooms and meatballs on a thick crust.

CALLER: Super! That's what I'll have.

GOOGLE: May I suggest that this time you order a pizza with ricotta, arugula, sun-dried tomatoes and olives on a whole wheat gluten-free thin crust?

CALLER: What? I don't want a vegetarian pizza!

GOOGLE: Your cholesterol is not good, sir.

CALLER: How the hell do you know that?

GOOGLE: Well, we cross-referenced your home phone number with your medical records. We have the result of your blood tests for the last 7 years.

CALLER: Okay, but I do not want your rotten vegetarian pizza! I already take medication for my cholesterol.

GOOGLE: Excuse me sir, but you have not taken your medication regularly. According to our database, you purchased only a box of 30 cholesterol tablets once at CVS Pharmacy, 4 months ago.

CALLER: I bought more from another Pharmacy.

GOOGLE: That doesn't show on your credit card statement.

CALLER: I paid in cash.

GOOGLE: But you did not withdraw enough cash according to your bank statement.

CALLER: I have other sources of cash.

GOOGLE: That doesn't show on your latest tax returns, unless you bought them using an undeclared income source, which is against the law!

CALLER: WHAT THE HELL!

GOOGLE: I'm sorry sir, we use such information only with the sole intention of helping you.

CALLER: Enough already! I'm sick to death of Google, Facebook, Twitter, WhatsApp and all the others. I'm going to an island without the internet, TV, where there is no phone service and no one to watch me or spy on me.

GOOGLE: I understand sir, but you need to renew your passport first. It expired 6 weeks ago... Welcome to the future!!!



1930'S SMART PHONE

MERIDEN AMATEUR RADIO CLUB

OFFICERS OF MARC

PRESIDENT.....W1YSM ED SNYDER
 VICE PRES.....KB1JL ERIC OLSSON
 SECT.....N1BRL BART TOFTNESS
 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,
 THE HOPE HILL ROAD FIREHOUSE / EOC
 143 HOPE HILL ROAD, WALLINGFORD
**ALL MEETINGS ARE CANCELLED
 UNTIL FURTHER NOTICE**

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 NO PL K1TDO TODD

10 METER NET TUESDAYS 8PM
 28.375MHZ K1VDF JOHN

10/10 CASTLE CRAIG CHAPTER
 (CONCURRENTLY WQITH CLUB NET)
 28.375MHZ TUESDAYS 8PM N1API AL

2 METER TECH NET Thursdays 7:30PM
 147.360+, no PL (on non-MARC meeting nites)
 WEEKLY NET MODERATED BY VARIOUS
 AMATEURS WITH DIFFERENT TECHNICAL TOP-
 ICS AND Q&A SESSION

2 METER COFFEE CUP NET SAT 9AM
 147.36+ NO PL W1YSM ED
 (THIS HAS ALSO A SIMULTANEOUS
 SECONDARY NET OF SORTS THROUGH
 THE VIDEO TELECONFERENCING
 W1NRG JITSI SITE)

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)

MEMBERSHIP ROSTER

AB1DQ	James Surprenant	22R	N1BF	Patrick Dionne	21R
AB1HB	Charlie Dudac	21S	N1BRL	Bart Toftness	22S
AF1HS	Art Fregeau	20S	N1GNV	John Bartscherer	20S
K1IIG	Steve Tripp	20S	N1GY	Geoff Haines	21S
K1JCF	Joe Farrell	23S	N1HCA	Susan South	20R
K1LHO	Mike Ash	20S**	N1IBE	Wade Martell	21S
K1LYP	John Yusza	21S	N1KGY	Chuck Ayers	20R
K1MMK	Mike MacKennedy	23R	N1LES	Joe Murray	21R
K1MVM	Mike Macri	20S	N1MOB	Dan David	20R
K1RCT	Rob Cichon	23R	N1NAN	Helen Spokes	20S
K1SCI	Stuart Isaac	20R	N1OKF	Bob Parisi	20R
K1STM	Anne West	21S	N1OKR	Frank Ciccone	21S
K1TDO	Todd Olsen	21R	N1QYB	William Wilecki Jr.	20S
K1TGX	Jerry Molaver	22S	N1YLN	Edward O'Lena	20R
K1VDF	John Blevins	21S	N1ZN	James Savage	20S
K1WJL	Dave Swedock	22S	NZ1J	Dave Tipping	22R
KB1CIW	Bob Stephens	20S	W1AJK	Andrew Kazimer	22R
KB1EHE	Eric Knight	21R	W1DQ	John Elengo	22S
KB1FYL	Bob Carruthers	20S	W1EDX	Paul Stasieluk	21S
KB1IFZ	Elsie Mathews	21R	W1KKF	Bill Wawrzeniak	L
KB1JL	Eric Olsson	21S	W1KPS	Kevin Shields	20R
KB1MFU	John Ramadei	21R	W1LV	Steve Morley	20R
KB1MZG	Guy Allard	21S	W1NHS	Fred Ring	20S
KB1SIT	Teresa Stephens	20S	W1NNZ	William Kosche III	20S
KB1SSN	Alex Dills	20R	W1POP	Fred Liedke	21S
KB1TJD	Gainne Jenkins	20S	W1ST	Stephen Stimpson	20R
KB1TMC	Clare O'Lena	20R	W1UFO	Mike Cei	20R
KB1YFJ	Glen Couture	20R	W1XK	Stan Kugler	20S
KC1DOY	Ted Renzoni	21S	W1YSM	Ed Snyder	22R
KC1GMD	Ralph Ring	20R	WA1FFT	Ray Irwin	21S
KC1HDB	Jeff Martin	28R	WA1JKR	John Rogus	21S
KC1HFO	John Stoidis	20R	WA1SFH	Douglas Sharafanowich	20R
KC1IIK	Scott Mowerson	20R	WA1TRY	Rich Aubin	L
KC1IIL	Matt Mowerson	20Y	WA1ZVY	Jim Martin	21S
KC1ISI	Kristin Olsson	21R	WB1GGP	Jerry Shepard	20S
KC1KQH	John Kasinskas	20S	WB1GYZ	Bob Biancur	21S
KC1MBG	Robert Luby	21R	WB8IMY	Steve Ford	22R
KC1NQE	Shawn Warren	21R	WV2LKM	Steve Waldmann	20S
KC1NXP	Andrew Paolillo	21R	W3APC	James Cook	21S
KC1OCF	Karl Polak	21S	W9OTW	Debbie Foss	20R
KC1OMP	Damian Fries	21S		Ron Rogers	20S
KC1PU	Bob Woodtke Jr.	21R			
KC1SA	Stephen Allen	21R			
KE1AU	Robert Kaczor	20S			
KE1AV	Dave Sanford	20R			
KE1AY	Donald Mitchell	21S			
KR1U	Bob Eslinger	20S			
N1AKN	Jeff Dwyer	21S			

MEMBERSHIP STATS

TOTAL MEMBERS.....89
 REGULAR(UNDER65).....41
 SENIOR(OVER 65).....45
 LIFE.....2
 STUDENT(UNDER 18).....1

CLUB DUES STRUCTURE (JAN-DEC)

UP TO 64 YRS OF AGE--\$20/YR
 SENIOR DISCOUNT 65 & UP--\$15
 ANY MEMBER WHO IS A LICENSED HAM,
 18 & UNDER WILL BE GIVEN FREE DUES.

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