

MERIDEN AMATEUR RADIO CLUB

KEY KLIX

MAY 2022

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

PRES W1YSM ED SNYDER VP KB1JL ERIC OLSSON SECT N1BRL BART TOFTNESS
TRES K1WJL DAVE SWEDOCK S.A.M. K1RCT ROB CICHON

ALL IN PERSON MEETINGS ARE AT THE EOC HOPE HILL FIREHOUSE, 143 HOPE HILL
ROAD, WALLINGFORD, ZOOM COVERAGE WILL BE OFFERED CONCURRENTLY.

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MERIDEN AMATEUR RADIO CLUB

CELEBRATING OUR



WWW.W1NRG.COM

75TH

ANNIVERSARY
1947-2022

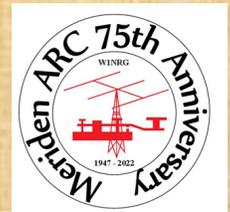


MEMBER
1948

WALLINGFORD AMATEUR RADIO GROUP



**Wallingford
Amateur
Radio Group**
Emergency Communications





Upcoming W1NRG Amateur Radio Events and Opportunities

Just like the TV ads, the Meriden Amateur Radio Club/Wallingford Amateur Radio group, keeps growing, growing, growing. Not just in size and membership but also in activity and opportunities. This year we are 75 years young. Despite our age, we are quite active. Indeed, there are two special activities coming up – The 75th Anniversary Gala and an opportunity to apply for and hopefully receive, an ARRL Club Development Grant.

First, is the 75th Anniversary Gala which will be held on Thursday evening June 23rd at the OEM on Hope Hill Road, from 6:00p – 8:30p. It will be a semi-formal event with many local Wallingford Town and ARRL dignitaries attending. The main purpose of the event is for W1NRG to receive a plaque from the ARRL leadership, honoring our 75 years of ARRL-Affiliated Club membership. This recognition was approved and bestowed by the ARRL Board of Directors and will be presented by the ARRL New England Division Director Fred Kemmerer (AB1OC). The text of the ARRL citation is listed elsewhere in this issue of Key Klux. Also invited are the ARRL CEO David Minster NA2AA, NE Division Vice-Director, Phil Temples (K9HI), and ARRL Field Service Manager Mike Walters W8ZY. Multiple Wallingford Town Leaders are also invited, including Mayor William W. Dickinson, Jr, Fire Chief Joseph Czentnar, and Police Chief John Ventura. Many additional Wallingford Town officials are slated to be present for the ceremonies which start promptly at 1900 (7:00p). We will also have a presentation of a plaque naming the William “Bill” Wawrzeaniak (W1KKF SK) W1NRG Memorial CW Station.

There will be a buffet featuring appetizers, desserts, and non-alcoholic beverages. There is no charge for members or their guest. Indeed, all members are encouraged to attend the 75th Gala. I believe this event will help strengthen the ties between MARC/WARG and the Town of Wallingford and the ARRL. This event will represent another milestone in our cooperation and integration with the Town of Wallingford which has been so supportive of our Club and its activities. The Media also has been invited. Attire is what one would expect for such a gathering (no baseball caps or tee shirts, please). Second is the planned MARC application to the ARRL to receive a grant to fund a plan to expand our Club’s amateur radio outreach in Connecticut. The ARRL has secured a \$500,000 grant from ARDC and has opened a competition for all amateur radio clubs to vie for the dollars. There are three (3) levels of awards to be offered, ~\$2,000, ~\$8,000 and ~\$25,000, categories. Our planned submission, currently named ‘MARCONI’, is our bid to apply for some of the ARRL monies being made available. The MARCONI Project is designed to enhance W1NRG MARC/WARG Club growth, development and outreach. Using our Club’s leadership abilities, our Program is designed to focus on what activities we are already doing as the Meriden Amateur Radio Club. MARCONI is an acronym which stands for Motivating Amateur Radio Clubs to Open New Initiatives. There are six areas of interest for the MARC grant: POTA, Fox Hunts, CW training, Satellite Contacting, License and VE activities, and a Served Agencies section that includes SKYWARN, ARES, OEM, CERT and MRC activities. MARC will submit a proposal in the \$8,000-\$10,000 range to purchase equipment needed to promote these six areas of Club activity. By expanding our current activities, and developing a robust outreach initiative, we can best sustain these programs/activities, offering to mentor and export these activities to new hams, future hams, high school and college students and other clubs in our state -- possibly even nationally. Each area will have a leader. The leaders for these categories have been identified and asked if they would take on the task, and each has agreed.

POTA Shawn KC1NQE
Fox Hunts Dave NZ1J
CW Training Bob WB1GYZ

Satellite Contacting
VE Sessions and Licensing
Served Agencies

Rob K1RCT
Don KE1AY/Jim N1ZN
Eric KB1JL

As President, I will oversee the activities and work with all the leaders. We will plan to offer opportunities for new hams and other groups to receive training from W1NRG in these areas and encourage our Club members to function as Elmers to new and future hams interested in one or more of these areas of amateur radio. Importantly, we also plan to export our offerings to other radio clubs in need of support. The submission deadline for applications is June 30th. If we are successful, we will again expand our influence and contributions to the field of Amateur Radio in Connecticut and beyond. It is another example of the new face of MARC. These are not new initiatives, just areas we work on all the time, but now formatted to export to our new club members and those from other Clubs as well. I hope you all will align yourself with at least one activity area in the proposal. You will hear more about the MARCONI Program in the coming days. As the statement goes, everything old is new again – including ourselves. The Meriden Amateur Radio Club/Wallingford Amateur Radio Group --- is now in its 75th year of promoting the art and science of the field of Amateur Radio and in building close friendships.

As they (we) say.....Stay Tuned!

73,

Ed W1YSM

President MARC/WARG

FROM THE ARRL BOARD MEETING ON THE MARC'S 75TH ANNIVERSARY

On the motion of Mr. Williams (on behalf of Mr. Kemmerer), seconded by the Executive Committee it was VOTED UNANIMOUSLY (with applause) that: Whereas, the Meriden Amateur Radio Club, W1NRG, was affiliated with ARRL on May 26th, 1948, Whereas, the Club has been affiliated for at least 75 years, Whereas, the Meriden Amateur Radio Club has conducted programs such as fox hunts to train operators on transmitter location and CQ Santa to allow children to speak with Santa on the air, Whereas, the Meriden Amateur Radio Club conducts SKYWARN nets as well as informational nets on HF, VHF, UHF and on Zoom for their membership and interested Connecticut hams, Whereas, the Meriden Amateur Radio Club maintains close ties with the Yale Amateur Radio Club, W1YU, Whereas, the Meriden Amateur Radio Club sponsors and operates the annual Nutmeg Ham-fest, Whereas, the Meriden Amateur Radio Club continues to be an active organization and a strong proponent of amateur radio in Connecticut, Whereas, the Meriden Amateur Radio Club has grown to be a significant force for education, commitment to emergency communications, and a partner in the enjoyment of the hobby, THEREFORE, be It Resolved that the ARRL Board of Directors hereby congratulates and recognizes the Meriden Amateur Radio Club for its contributions to amateur radio on its 75th anniversary of ARRL affiliation.

Business Meeting Thursday May 12 7:30 Zoom

The May 1 Business meeting will continue with ZOOM this month,, hopefully in June we will return to in Person/ZOOM “hybrid” meetings.. The main topic will be the planning of the 75th Gala on Thursday June 23rd at the OEM.

The following will be nominated to membership of the MARC at the May meeting..... Spencer Rygiel (12 yr old son of Steve Rygel KC1QWH).....and David Henry KC1PEN.

Activities Meeting of April was unfortunately cancelled at the last moment due to technical issues and will be rescheduled to a later date. The May 26th activity meeting will be devoted to planning for Field Day.

We welcome the following who were voted in at the April meeting.....KC1QQV Gary Getrost, KC1QQW Randy Whitehouse ,UT3UY Anatoly “Toly” Kirilinko, KC1QWH Steven Rygel, W2OFR Marc Dickson, WB1DQT Bill Bacon and SWL Greg Ravizza. In addition we welcome back these former members K1SCI Stuart Isaacs, N1MOB Dan David & his XYL W9OTW Deb Foss.**



Secretary Report & Minutes of the Meriden Amateur Radio Club

Bart Toftness N1BRL , Secretary

BUSINESS MEETING APRIL 14, 2022 ZOOM

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

Normal introductions were omitted as all attendees (43) are self-identified in 'Zoom' , N1BRL, WB1GYZ, KE1AU, N1BRI, NZ1J, K1PET, KE1AY, W1YSM, KB1JL, KB1IFZ, KB1EHE, KC1QQV, WJ1B, W1IKW, N1JMX, N1ZN, WA1ZVY, N1LES, N1GNV, K1LYP, KB1MFU, K1VDF, W1BJG, K1JCF, K1WJL, KC1QWH, W2OFR, K1LHO, N1API, KC1PBQ, KC1QLS, WA1TRY, KC1OYN, K1RCT, KC1NQE, WV2LKM, KC1DOY, K1TDO, W1DQ, W1EDX, WB1DQT, KC1KQH, and Greg Ravizza.

Announcements (W1YSM), hybrid business meetings should begin in May and be less than an hour and a half. KC1DOY requested a post hole digger to facilitate installation of the 75th banner frame at the EOC. The 75th Anniversary Coffee Cups have been ordered but delivery date is unknown at this time. W1IKW will become the new Activities Manager Committee Chair. KC1NQE will be the club representative to the STEM New England Youth Division Committee (ARRL). W1YSM reminded us how active our club is with more than 24 current, ongoing and planned activities providing something for every ham.

Secretary's Report (N1BRL)

March business meeting minutes were approved by majority vote. Six new membership applications were each approved by majority vote. Gregory Ravizza no call sign, Randy Whitehouse KC1QQW, Gary Getrost KC1QQV, Stephen Rygiel KC1QWH, Marc Dickson W2OFR, and William Bacon WB1DQT. One applicant, Anatoly Kirilinko UT3UY was approved for membership by a majority vote with a single member in opposition. Stewart Isaac K1SCI, Dan David N1MOB, and Deborah Foss W9OTW were each recognized as returning members. Contact N1BRL for membership certificates and MARC Business Cards.

Treasurer's Report (K1WJL) was read by Dave. The complete Treasurer's report is available to members upon request.

Station Manager's Report (K1RCT) The Station Activity Manager reports the Saturday attendance at the EOC is between 15 and 20 members who engage in a number of activities including a CW class. He has secured a Special Event Call sign W1N for the 75th Anniversary Celebration. We now have a second Zoom account allowing N1BRL to enable the club to have 2 simultaneous Zoom meetings. There is now a working Groups.IO email available to members for messaging. The test of a hybrid meeting format was successful.

The full SAM report is available upon request.

Standing Committees and Working Groups

Entertainment/Activities, Upcoming activities include History of Meriden Amateur Radio Club by K1WJL and WA1TRY on 28 April. May 26 will be a discussion and planning for Field Day 2022. 23 June will be the 75th Anniversary Gala Reception.

Technical/Interference had nothing new to report.

Scholarship, Scholarship announcements have gone out to the high schools in Wallingford and Meriden with acknowledgements as received. Applications are due April 30.

Repeater Committee, KC1SA reports there are no repeater issues and the committee will meet again in June.

Other Activities, Saturday mornings activities at the EOC are attended by 20 to 25 people; Foxhunts continue on Sundays with a core group of hunters; CW classes lead by WB1GYZ, NZ1J and W1DQ are meeting daily and making excellent progress; KC1SA reports the monthly results of the Diamond & Gold Challenge on the MARC Forum; N1GNV is looking for Field Day Captain for each of the four stations; the Ten Meter net could use more check-ins, Tuesdays @ 8PM 28.375 MHz; contact KB1JL to support the Paul Newman Hole In The Wall Gang bike run on 7 May; support for the Boy Scout CT Jamboree on 14 May is lead by KC1OYN; K1RCT is awaiting a final quote to rewrite the website; the next VE Session will be 14 May; KC1NQE will be at Wadsworth Falls Park with about 10 members for the Support Your Parks POTA event on 16 April; there are currently no plans for a new CERT Class but WARG/CERT continues to meet monthly with the town.

Nutmeg Hamfest will return on October 9 at the Best Western in North Haven following the COVID 19 hiatus. The associated VE Session will be held the day before (8 Oct.) at the EOC.

75th Anniversary Commemorative Event will be catered at the OEM/firehouse 6:00 to 8:30 PM on 23 June 2022. The Board of Directors of the ARRL will award our club with a certificate and a plaque celebrating our 75 years in the ARRL. There will be a buffet outside on the lawn with a ceremony and presentation inside at about 7:00 to 7:20. A number of dignitaries in attendance including Fred Kemmerer AB1OC ,ARRL Division Director, Phil Temples K9HI, Wallingford Mayor, current and past Fire Chief, current and past Police Chiefs, Deputy Fire Chief, and Lenny Guercia. It is possible television and newspapers will cover the event. We will have a presentation and an award to memorialize the William Wawrzeniak W1KKF SK CW Station. KB1JL will provide a short memorial remembrance for Chris Sievert SK WA1VXH.

A motion for an initial allocation of \$500 for food and beverage was made and seconded followed by discussion. It will be voted on at the June business meeting.

Voting Summary for the April meeting

March meeting minutes were approved.

6 new members were each approved without objection. Gregory Ravizza, KC1QQW, KC1QQV, KC1QWH, W2OFR, and WB1DQT

A motion for an initial \$500 food and beverage budget was seconded and will be on the May agenda for a vote.

Meeting was adjourned at 21:04

Respectfully submitted,
Bart Toftness, N1BRL

W1SKP SKIP PAQUETTE OBITUARY.....



Elmer "Skip" Norman Paquette (75) passed away peacefully on Friday, April 15, 2022 at Yale New Haven Hospital. He was the loving husband to Julie Elizabeth (Campbell) Paquette for the past 53 years. He was born on August 1, 1946 at Norwich Hospital to the late Elmer

Joseph and Margaret (Dam) Paquette. He is the eldest of 4 brothers and 1 sister. He graduated from Norwich Vocational Technical High School in 1965 where he specialized in carpentry. Later in life, he attended Capitol Community College and obtained an Associate's Degree in Computer Aided Drafting. Upon his degree being conferred, he started SP Drafting and Design. In 1965, he was drafted into the Vietnam War. He spent his military service in the Army. Throughout his years in the military, he served in the Special Forces Green Beret in various areas of the Pacific including Korea and Vietnam. He was a sharpshooter and a part of the 101st Airborne. He received several military honors Good Conduct Medal, Vietnam Service Medal, National Defense Service Medal Ribbon, Army Presidential Unit Citation. He was also a Purple Heart Recipient. He was Honorably discharged from the military in 1969 due to an injury. He worked at Corometrics Medical Systems in Wallingford when he was first married. Then, he worked at the Veteran's Affairs Hospital in West Haven where he was the supervisor of grounds for approximately 15 years. Skip and his wife, Julie, had four children: Dean, Joseph, Lori and Jennifer. When his boys joined the Boy Scouts of America (BSA), he joined right along with them. He started out as a Cub Scout Master and later started Troop 3 as a Scoutmaster. He enjoyed teaching all the boys ham radio at Merritt Badge College. He was an adult advisor of the Quinnipiac Dance Team. He received several awards from the BSA including: Vigil Order of the Arrow, Silver Beaver and District Award of Merritt. Later in his life, he loved being a grandfather to his 5 grandchildren. He enjoyed spending time with his family boating and fishing at the family cabin in Acworth, NH at Crescent Lake. He belonged to several different organizations: VFW of Wallingford, American Legion of Wallingford and Meriden-Wallingford Amateur Radio Club. He was a member of the First United Methodist Church of Wallingford for over 40 years. A funeral service was held on May 7, 2022 at 11am at the First United Methodist Church, 941 Old Rock Hill Rd., Wallingford. Interment with Military Honors was at the church's memorial garden.

KB1JL Eric reports

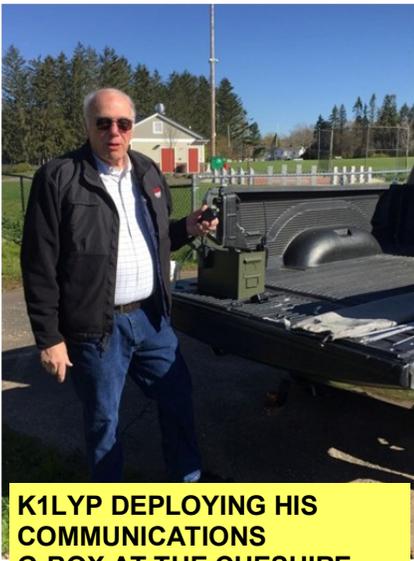
MAY COMMUNITY OUTREACH

The Meriden Amateur radio club provided communications for 2 fundraising events in May.

ON May 1, 4 members (K1LYP, N1AKN, W1YSM, KB1JL) provided communications and logistics assistance to the Annual mile Multiple Sclerosis fundraising walk, as we have done in the past. The event was scaled back from past years and walk was only 3 miles. Approximately 800 sponsored volunteers braved perfect weather to complete the walk. K1LYP was base control and operators were stationed along the route using simplex so as not to interfere with a concurrent fox hunt. Thanks to IAN W1IKW who facilitated initial contact with the MS group's new organizer. Pix are included in this issue...

On May 7 several members participated in providing communications and logistics assistance with the Hole in the Wall Gang bicycle fundraising event based at Lyman Orchards, Middlefield. Radio personnel were stationed at the 3 comfort stops along the 30 and 15 mile routes and at start/finish and in 2 sweep vehicles and one lead vehicle, and braved rain and high gusty winds in their efforts. There was also a 62 mile bike route that was dropped due to the weather. The turnout was reduced due to the weather, but organizers were pleased with the results and expect to do this again next spring. The Hole in the Wall Gang is a non-profit charity, started by Paul Newman, with camps located all over the world including Ashford CT, and other support services for medically challenged children and their families.

Thanks to K1LYP, N1AKN, KB1JL, N1LES, WA1FFT, KC1ISI, KB1MFU, K1LHO from MARC and N1NIS and KC1EUM from the Middlesex radio club for volunteering to help make the event. Communications were on the MARC 147.36 repeater and the SARC 145.29 repeater. One bicyclist required assistance for a flat tire and we found out he was also an amateur radio operator.



K1LYP DEPLOYING HIS COMMUNICATIONS G-BOX AT THE CHESHIRE HIGH SCHOOL



PORTABLE BASE ANTENNA AT CHESHIRE

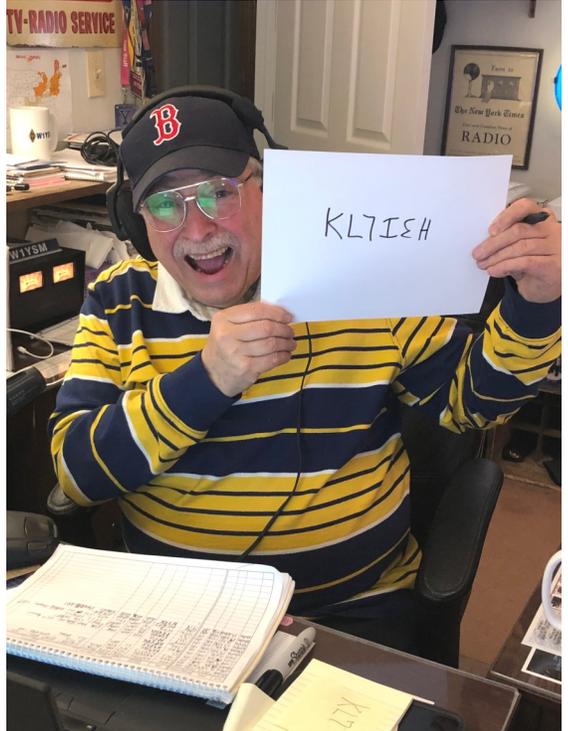


WALK TEAMS AT THE CHESHIRE LINEAR TRAIL



K1LYP GO-BOX

BETTER THAN A NEW PUPPY UNDER THE CHRISTMAS TREE, ITS ALASKA, THE LAST STATE FOR ED W1YSM



**WHAT IS THIS?
HARD TO BELIEVE BUT IT WAS BUILT IN 2022**



MARC FOX HUNTING IS ALIVE & WELL

I've been waiting for the weather to warm up so that I could go out foxhunting again. Today, May 1st, was a perfect day now that Winter is over.

I started at one of my usual spots and immediately picked up a very strong 1 watt signal. I couldn't pick out a direction so I switched to the 10mw frequency. This also resulted in a very strong signal coming from everywhere so I dropped down to the 1mw frequency and managed to get a bearing.

It seemed to be coming from near the shopping center across the street so I checked there first. I didn't find anything so drove across route 68 and quickly lost the signal. After a circle or two I returned to my starting point and decided to check around the building nearby. I drove across the lot, over a slight rise, and there was Bob, WB1GYZ, all set up in his foxhole.

Not only did I pick a beautiful day to return to foxhunting, I also managed to be the first to find the fox. It didn't take long for the other hunters to begin coming in. Just about everyone made it with about 45 minutes to spare. I was very lucky to have picked a spot almost on top of Bob's hiding place. Let's see if my luck holds in the future.

Ted KC1DOY



FROM N1GNV

A Handy Fuse Tester You Can Build

Here's a simple piece of test equipment that's easy to build and use. Chances are you have all the necessary parts. If not, Radio Shack should stock all of them. You'll wonder how you ever got along without it.

My eyes are not what they used to be. I often come across small "buss" fuses that are no longer in their package. Reading the markings on these small fuses is getting tougher and tougher. I'd have to drag out the magnifying glass and bright light to read the value. "There has to be a better way," I thought. The schematic below is my solution.

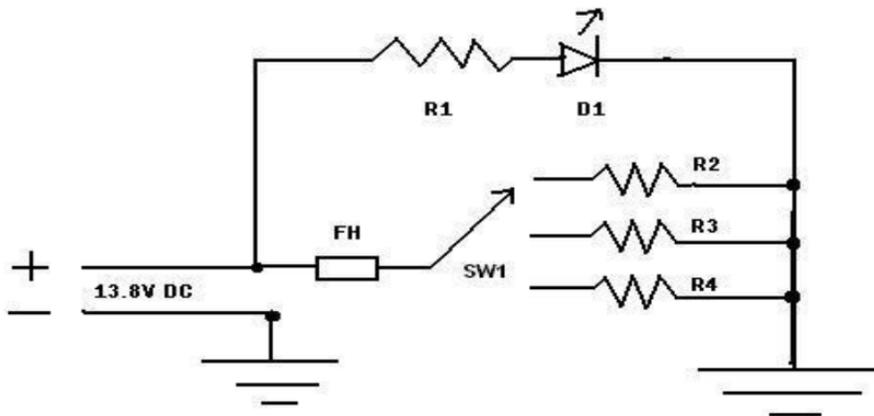
I use a regulated 13.8V power supply. If you wish to use something different, just adjust the value of the resistors according to Ohm's Law. R1 is a 1K Ω resistor. D1 is any common Light Emitting Diode. FH is a fuse holder designed for the fuse you wish to test. Note that you can put more than one holder in parallel, so that you can test different styles of fuses. SW1 is a multiple pole rotary switch. The more poles your switch has, the greater the range of values you can test for. Three are shown for clarity, but you can add as many as you like, using appropriate resistors.

R2 is a 13.8 Ω resistor. Although that's not a standard value, you can easily make one using combinations of off the shelf resistors in series and parallel. Since current equals voltage divided by resistance, 1 amp will flow through R2. Similarly, R3 is a 6.9 Ω resistor, giving 2A of current. Note that because R2, R3, etc are such low values, almost all of the current will flow through them and almost none through the 1K Ω resistor. Thus the LED will not light. For R4, and as many others as you care to add, just do the math and construct the proper value of resistor.

Using the tester is simple. Start with your switch at the lowest current setting, and put the fuse to be tested in the holder. Move the switch to higher settings, one step at a time, pausing after each step. When the LED glows brightly, you'll know what value the fuse was. What could be easier?

73, John N1GNV

LED Fuse Tester



WE GOT THE SIGN UP..

After weeks of delay, we finally installed our MARC 75th Anniversary banner outside of the firehouse. It took about an hour of hard work to dig the post holes but Ted, KC1DOY and Bart, N1BRL, got the job done. Not bad for a couple of old guys. Our cardiologists may never forgive us!

One of the holes had some hard stuff about half way down but we managed to smash our way through with the help of a large steel bar. And a thank you to Judy, W1BJG, for the loan of the post hole digger and steel bar without which the sign post would not have been installed.



DAVE NZ1J, POTA & THE SUB-BANDS..

We Have a Sub millimeter Band?

Though not often used, we have quite a few bands above 70 cm. In fact, there are more than a dozen bands available to us and some are more than 5 GHz wide.

While working POTA activations, Shawn, KC1NQE, and I try to see how many bands we can use. 160 meters through 70 cm can be made to work without too much trouble. That leaves us pondering the rest of the bands. Generally, as the frequency moves up through UHF and beyond, it becomes increasingly difficult to build oscillators, amplifiers, and mixers.

We have not looked into using Gunnplexers, magnetrons, or masers. Instead, our plan was to jump over all the microwave bands to the almost unknown sub millimeter band. Wavelengths below 1 millimeter produce frequencies as high as the Terahertz range. That's about a million times higher frequency than what we commonly use. The technologies used in this band are very different from what we're used to and in some ways, easier to get working.

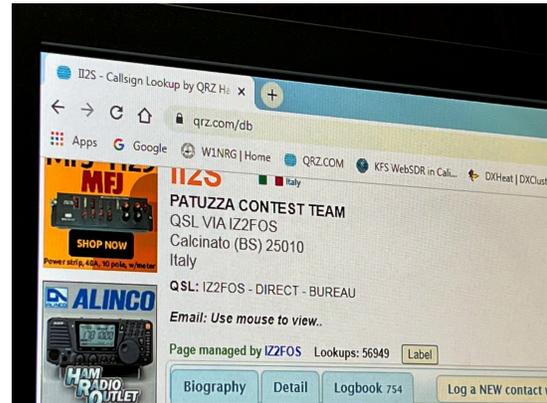
The FCC allows us access to just about all frequencies above 275 GHz. ARRL and Logbook of the World refer to this as the sub millimeter, or SUBMM band. It encompasses all of the infrared, visible light, and ultraviolet wavelengths. Fortunately, to operate here, we can employ infrared LEDs and photodiodes instead of 300 Terahertz oscillators and amplifiers.

I managed to build a pair of infrared transceivers and about ten club members have used them to make QSOs during POTA activations and during WB1GYZ's Saturday morning Morse Code class. That's one more band for us. We'll need to begin pondering some more and see if any of the other bands are within reach.

I think the SUBMM band is something of a novelty, but I'll be happy to set up the transceivers for anyone who would like to give it a try.



WE THANK RANDY KC1PBQ FROM THE SPRINGFIELD AREA WHO TRAVELED ALL THE WAY DOWN AND PROVIDED US WITH SOME GREAT PIX'S OF SATURDAY MORNING ACTIVITES. ALSO INCLUDED IS A SCREEN SHOT OF RANDY'S FIRST DX QSO WITH I1ZO FROM THE CLUB STATION.



SOMETHING DOES NOT MEASURE UP??

MERIDEN AMATEUR RADIO CLUB

MEMBERSHIP ROSTER

AB1DQ	James Surprenant	22R	KC1OST	Bryon Heath	22R	NR1B	Bill Huggins	22S
AB1HB	Charlie Dudac	22S	KC1OYM	Brian Boccuzzi	22R	NZ1J	Dave Tipping	22R
AF1HS	Art Fregeau	22S	KC1OYN	Ricky Becker	22R	UT3UY	Toly Kirilinko	22R
K1JCF	Joe Farrell	23S	KC1OYR	Brent Moyer	22R	W1AJK	Andrew Kazimer	22R
K1LHO	Mike Ash	22S	KC1PBQ	Randy Rivest	22R	W1BOB	Bob Lobley	22R
K1LYP	John Yusza	23S	KC1PEN	David Henry	22R	W1DQ	John Elengo	22S
K1MMK	Mike MacKennedy	23R	KC1PHK	Lincoln Nichols	Y	W1EDX	Paul Stasieluk	22S
K1MVM	Mike Macri	22S	KC1PHK	Lincoln Nichols	Y	W1KW	Ian K. White	22R
K1PET	Debbie Purchia	22R	KC1PSK	Todd Dibiasi	22R	W1BJG	Judy Wilkins	22R
K1RCT	Rob Cichon	23R	KC1PXX	Dave Alfredson	22R	W1LV	Steve Morley	22R
K1SCI	Stuart Isaacs	22R	KC1QHO	Mike Beaudry	22R	W1POP	Fred Liedke	22S
K1SOX	Brian Freeman	22R	KC1QHW	Brian Beegan	22R	W1RCI	Ron Isaac Jr.	22R
K1STM	Anne West	22S	KC1QLS	Ray Cirno	22S	W1TK	Ron Wakefield	22R
K1TDO	Todd Olsen	22R	KC1QQV	Gary Getrost		W1UFO	Mike Cei	23R
K1TGX	Jerry Molaver	23S	KC1QQW	Randy Whitehouse		W1UKX	Greg Gherardi	22S
K1MTD	Mary Duval	22S	KC1QWH	Steve Rygel		W1YSM	Ed Snyder	22R
K1VDF	John Blevins	22S	KC1TAD	Tom DiPinto	22R	W2OFR	Marc Dickson	22R
K1WJL	Dave Swedock	22S	KC1PU	Bob Woodtke Jr.	22R	W3APC	James Cook	23S
KA1KJV	Bob Trussell	22S	KC1SA	Stephen Allen	22R	W90TW	Deb. Foss	22R
KB1EHE	Eric Knight	22R	KC2MLH	Adam Castracane	22R	WA1EXA	Mark Petruzzi	22S
KB1FYL	Bob Carruthers	22S	KE1AU	Robert Kaczor	22S	WA1FFT	Ray Irwin	22S
KB1IFZ	Elsie Mathews	22R	KE1AY	Donald Mitchell	23S	WA1JKR	John Rogus	22S
KB1JL	Eric Olsson	22S	KR1U	Bob Eslinger	22S	WA1K	Jack Chapman	22R
KB1LWS	Jeanne Gherardi	22S	KX1USA	Rob Messercola	22R	WA1SFH	Douglas Sharafanowich	22S
KB1MFU	John Ramadei	22R	N1AKN	Jeff Dwyer	22S	WA1TRY	Rich Aubin	L
KB1TJD	Gainne Jenkins	22S	N1API	Al Kaiser	22S	WA1ZVY	Jim Martin	28S
KB1TMC	Clare O'Lena	22R	N1BF	Patrick Dionne	21R*	WB1DQT	Bill Bacon	22R
KB1TTV	Jonathan Martin	26R	N1BRL	Bart Toftness	23S	WB1GYZ	Bob Biancur	22S
KB1YFJ	Glen Couture	22S	N1FNE	Rod Lane	22R	WB8IMY	Steve Ford	22R
KC1DOY	Ted Renzoni	22S	N1GNV	John Bartscherer	22S	WJ1B	Harold Kramer	22S
KC1GMD	Ralph Ring	22R	N1GNV	John Bartscherer	22S	WV2LKM	Steve Waldmann	22S
KC1HDB	Jeff Martin	28R	N1GY	Geoff Haines	22S	WY1U	Tim Mik	22R
KC1HQX	Preston Byrne	22R	N1HCA	Susan South	22R		Greg Ravizza	22S
KC1ISI	Kristin Olsson	22R	N1IBE	Wade Martell	22S			
KC1KQH	John Kasinskas	22S	N1JEO	Joel Curneal	22R			
KC1NLE	Jose Rodriguez	22R	N1LES	Joe Murray	22R			
KC1NQE	Shawn Warren	22R	N1MOB	Dan David	22R			
KC1OCF	Karl Polak	22S	N1OKF	Bob Parisi	22R			
KC1OGL	Paul Randazzo	22R	N1OKR	Frank Ciccone	23S			
KC1OMP	Damian Fries	22S	N1QYB	William Wilecki Jr.	22S			
KC1OSR	Gunnar Steinle	22R	N1XXU	Andy Purchia	22R			
			N1YLN	Edward O'Lena	22R			
			N1YLO	Andy Fiertek	22R			
			N1ZN	Jim Savage	22S			
			N2RTS	Tyler Schroder	22R			
			N2TAG	Dave Taglianetti	22R			

- The members with asterisk have contacted the treasurer and committed to retain membership.

MEMBERSHIP STATS

TOTAL MEMBERS..... 120
REGULAR(UNDER65).....
SENIOR(65 & UP).....
LIFE..... 1
STUDENT(18 & UNDER).....1

SATURDAY MORNINGS AT THE EOC HAVE RESUMED 9AM-12AM

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.

MARC OFFICERS

PRESIDENT



W1YSM ED

VICE PRES.



KB1JL ERIC

SECRETARY



N1BRL BART

TREASURER



K1WJL DAVE

**STATION
ACTIVITIES
MANAGER**



K1RCT ROB

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 W1NRG/R
 147.36MHZ +600 OFFSET
 TONE 162,2