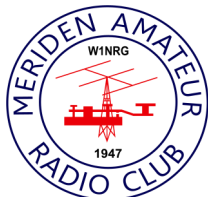


MERIDEN AMATEUR RADIO CLUB

FEBRUARY 2024



1947 - 2024



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

WWW.W1NRG.COM

[Meriden Amateur Radio Club Group | Facebook](#)
MeridenARC@groups.io | [Messages](#) [W1NRG Forum](#)

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

PRES W1YSM ED SNYDER VP KB1JL ERIC OLSSON
SECT W1BJG JUDY WILKINS TRES KC1OYN RICK BECKER
S.A.M. K1RCT ROB CICHON

ALL BUSINESS MEETINGS AND ACTIVITY MEETINGS WILL BE
CONDUCTED ON ZOOM UNTIL FURTHER NOTICE..

THE SATURDAY MORNING SESSIONS ARE HOWEVER OPEN AT THE
OEM ALONG WITH THE MONTHLY VE SESSIONS WHICH OCCUR ON
THE SECOND SATURDAY OR EACH MOONTH

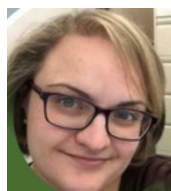
MEET YOUR OFFICERS



PRESIDENT
W1YSM ED



VICE PRES.
KB1JL ERIC



SECRETARY
JUDY W1BJG



TREASURER
KC1OYN RICK



STATION ACT. MGR,
K1RCT ROB

MARC February business meeting, Thursday Feb 8 on ZOOM only

Zoom credentials for **Business Meeting**

966 7099 0175 Password 157710

Thursday Feb 8, 7pm ZOOM

MARC February activity meeting, Thursday Feb 22 on ZOOM only

Zoom credentials for **Activity Meeting**

925 1153 2783 Password 000377

Thursday Feb 22, 7pm ZOOM

KURT VOGELMAN ADOWE THE MORSE CODE NINJA.

ACTIVITIES MANAGER BRIAN BEEGAN N1BRI

- FEB 22** Kurt Vogelmann AD0WE "The CW NINJA" Talks on his CW journey & Tips to improve your CW skills
- MARCH 28** DISCORD & THE MARC BY KC1MJZ, KC1QHW & K1RCT
- APRIL 25** Joe Murray N1LES W1NRG & Repeater Etiquette
- MAY 23** Peter Smith N4ZR Reverse Beacon Networks

VE SESSIONS AT THE OEM, 143 HOPE HILL ROAD WALLINGFORD
EVERY 2ND SATURDAY, NEXT ONE IS SATURDAY FEB 10,, 2024

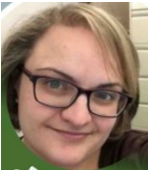
We wish Todd a speedy recovery....

I am now at The Cheshire House in Waterbury, CT. I was at Waterbury Hospital with Pneumonia then I had Covid and The Flu at the same time. Visitors are welcome here from 8 AM to 8 PM or call me. Thank you I appreciate it. 73, de Todd K1TDO

**WB1GYZ BOB
ANNOUNCES NEW
CW CLASS**

**New CW class starting.
Usually meets M, T, W, F, and Sat.
Check-in at 7:15pm
Zoom Rm. 835 9494 2316
PW: 569899
enlistment optional**





Secretary Report & Minutes of the Meriden Amateur Radio Club

Judy Wilkins W1BJG Sect.

BUSINESS MEETING JANUARY 11, 2024

The meeting was called to order by the President of the club Ed Snyder, W1YSM at 19:03 EDT.

Attendees via Zoom Only: K0OZ, K1LHO, K1LYP, K1MAL, K1RCT*, K1VDF, KB1IFZ, KB1JL*, KB1MFU, KC1TSX, KE1AU, KC1DOY, KC1KQH, KC1NQE, KC1OYN*, KC1QLS, KC1STF, KC1TSX, KE1AU, N1API, N1BRL, N1GNV, N1LES, N1ZN, NA1L, W1BJG*, W1BRY, W1DQ, W1EDX, W1YSM*, WA1K, WA1ZVY, WB1GFI, WB1DFZ, WV2LKM = Count 33 *officer

Announcements: The radio room is available Sundays by appointment. The activities list is available from the club Secretary Judy at W1BJG@proton.me. While at club gatherings please wear a name badge. A town hall meeting was held on January 4th with ~40 attendees regarding the Nutmeg Hamfest (Nutfest), [details further in the minutes]. **President's goals for 2024 (Ed W1YSM):** Make improvements to the Nutfest, expand the balloon sciences and amateur radio with the help of an additional ARRL grant. Work with the communications and community committee to get more involved with the reflector, email and forum.

Later in the meeting W1YSM asked that committee members who cannot attend the business meeting should send in a written report. He also asked for a volunteer to help facilitate badge and coffee cup orders; the volunteer can reach out to Ed directly at W1YSM@arrl.net.

Secretary's Report (Judy W1BJG): Minutes approved for December but incorrectly marked in Key Klix as November. KC1TPN Rick Foster and KB1ISO Dennis Hanlon were both voted in as new members bringing our current membership to 179 members.

Treasurer's Report (Rick KC1OYN): The current Treasure's Report was read by Rick. A copy of the report is always available to members in good standing from treasurermarc@gmail.com. The MARCONI account is temporarily holding the Nutfest's funds while the signatories are being set up their own account. Mutual Funds Equity fund used for scholarships increased \$202.01 for the year. The STAR Fund increased by \$2,768.27 and has just over \$10,000 available for club use. There is still money allocated for the balloon launch of \$902. Differences between the STAR fund and Equity Fund were discussed. Donations totaled \$91.30 (over payment of dues, coffee cash box and equipment sale from long ago).

Treasure's Initiative for 2024: Find a club member who can review and advise about the company's holdings such as the mutual funds. Based on the 2024 budget, suggestions were made to increase income: moving to flat rate dues while keeping youth free and adding a processing fee for PayPal transactions. **Motion to increase dues to \$25 starting April 1, 2024 and a \$2 processing fee for PayPal transactions. Tabled the vote until next meeting.** Dale will be contacted to ensure there isn't an issue with charging a \$2 PayPal processing fee. Rick added later in the meeting that Ken Williams now has a call sign of KC1TYO.

Station Activity Manager's Report (Rob K1RCT): Nothing significantly new. Club members do continue to use the club radio. There was one equipment orientation completed. Saturday club open house is steadily increasing ~20-24 people. There were no expenditures created. New members were added to email listings. A member did ask to come off our email lists.

Standing Committees

Entertainment/Activities (Brian N1BRI): Mike Murphy WU2D will discuss building devices at January's meeting.

Technical/Interference (John K1VDF): No issues.

Repeater (Mike Ash K1LHO): No issues.

Scholarship (Jim N1ZN & Kristin KC1ISI): Attending Meriden School system scholarship night 1/23.

Communications and Community Outreach (Kristine KC1ISI): Not available

WARG/EMMCOM (Eric KB1JL): Renovations to OEM continue and should not interfere with our business. CERT class started yesterday and there wasn't any heat because the fuel tank was empty. Rodent remediations continue.

Welcome and Membership Integration (Bart N1BRL, James AB1DQ): Initiative is to get new members active and integrated into club activities. The plan is to give new members a packet of information that is different than the new ham packet given out at the VE session. One item in the packet would be a list of members to contact about specialties.

CW Code Class (Bob WB1GYZ): The class is open to new people and has a small group that meets nightly at 7:15pm Zoom Conf ID 83594942316 PW 569899

Contesting (Mike K1LHO): Winter Field is January 27th and 28th. Kristin and the Outreach Committee are working on this and a signup went out via email.

Club Nets: Saturday morning 2m (Coffee Cup Net): net keeps breaking previous records and this past Saturday had 31 check-ins. **Tuesday night 10m SSB:** Jon K1VDF is looking for help on this as it is not well attended. John can be reached directly. **Tuesday 2m:** net is growing and there is a bonus Rag Chew that happens on discord afterwards.

Castle Craig 10-10 (Al N1API): First weekend in February. Find details in last month's Key Klix

Key Klix (Dave K1WJL): The last page of club membership was blank and some typos were noted.

Other Discussions:

Ham of the Year and Elmer of the Year plaques: There are 6 plaques in the male locker room. They are locked in a locker. Discussion was had as to where to place the plaques. A note was made that MARC is allotted only one display case at the OEM.

VE Sessions (Jim N1ZN): are held on the 2nd Saturday of the month.

CONTINUED ON NEXT PAGE

Tech/Gen Classes: Spring General Class License session to be held at the OEM. Fall Tech class to be coordinated with Wallingford Parks & Rec.

MARCONI (Ed W1YSM): are still on going.

Nutmeg Hamfest (Ed W1YSM): A townhall was held January 4th to discuss the Nutmeg Hamfest (Nutfest). Ed named three new directors: Elsie KB1IFZ, Stan WB1GFI and W1YSM as the President. John N1GNV and Rich WA1TRY have stepped down but have agreed to be advisors. Life time achievement awards were given to N1GNV & WA1TRY. The three new directors named four officers: W1YSM as President, KB1FZ as VP, WB1GFI as Secretary and KC1OYN as Treasurer. A committee for editing of the Nutfest's constitution and by-laws was created and Maryanne was asked to help with the committee. NA1L will be helping with the IRS and legal filings. Ed will be applying for the state convention once a location has been established. A few members are looking into alternative locations some of which are Sheehan HS (across from the OEM), North Haven fairgrounds, a local Masonic lodge and PNA park. There are also discussions about moving dates. NAIL confirmed filing Secretary of State filings. KC1OYN stated he would file the 990-N. Lectures, on-air and scouts are still up for discussion.

Grants: Amateur Radio Digital Communications foundation (ARDC) has given a new grant of \$2.1 million to the ARRL for grants and other Amateur Radio Activities. The league will be asking for club grants. Currently, our best option of grant monies is the balloon project (Ray KC1QLS). Ed has talked with Lenny to discuss bringing ballooning to the school systems. Eric discussed ARRL youth days to use as a means to also get grant monies.

Fundraising: It was pointed out that the club is close to breakeven during the Treasurer's Report. Some fundraisers considered are pancake breakfast, townhall meeting raffles, equipment raffles, pig roast, 50/50 raffles. Equipment raffles might need a permit from the town. Many members brought up the expense of a repeater and/or antenna repair if there was a direct lighting strike. This in turn brought up the discussion of insurance coverage. KC1OYN is starting to review insurance coverage's. There is a back-up repeater available at low power; transmitter, controller and receiver. **The president asked the repeater committee to document the status of the repeater and all of the components.** The document should show the age of all of the components, back-up systems, likely insurance needs and any other noteworthy items as they relate to the repeater. KB1JL (VP) says this task was completed 3 years ago. KC1OYN Treasure asked for a copy for insurance purposes. Mike K1LHO said there is a copy at the OEM. W1BJG Secretary also asked for a copy.

W1YSM President stated he would be evaluating the chairs and the leaders over the course of the year. Mostly in regards to spreading out responsibilities. The president let the club know there have been concerns about there being a lack of on-air activities other than just contesting. NA1L encouraged members to talk to K1RCT (SAM) to get an orientation on the use of the club radio. KB1JL (VP) added there is a lot of usage of the club equipment on Saturdays. Members stated other clubs do a lot more contesting than us this was quickly rebutted as "we are a general-purpose club, not a contesting club". Also, those who are interested in activities that we are not doing should come forward and have the discussion. A brief discussion was had about doing a YouTube video about contesting.

New Business – Ed (Pres) and/or W1BJG (Sec) to work on the Special Services Certificate from ARRL. W1YSM (Pres) made a nice introduction for WB1GFI.

Meeting was adjourned.



NEW BATTERIES FOR CERT RADIOS



**DOUG WA1SFH & JEFF KC1PYT
WORKING ON WINLINK**



JEFF N1AKN WORKING ON BOB'S RADIO



**K1LYP JOHN & BILL NR1B
ON WINLINK SETUP**

It was very cold on Saturday January 20th but we still had a very good turnout at the OEM. Jeff N1AKN installed new batteries into a number of the CERT radios to make sure that they would be ready to go when needed.

Bill Huggins NR1B set up a Winlink station to demonstrate how the process works. There were some problems that developed but another attempt will be tried soon. Douglas WA1SFH and Jeff KC1PYT also set up a Winlink station and had similar issues. Maybe the new lighting in the building is affecting it? We'll see.

The repair bench was in operation as Jeff N1AKN ran tests on Bob's (WB1GYZ) radio to figure out why it stopped running at full power.

The Coffee Cup Net had another good session that morning and Tony Martin donated an antenna to Ron W1TK.

Ted KC1DOY

After passing the General exam, with a few new bands to explore, I found that I became frozen whenever I tried to key up the mic. Why was I so scared of speaking on the air now? It bothered me that I did not know why. I had to reflect on the cause in order to identify it. Self-reflection is a skill that I already have some experience with. Through examining my fears, I realized that I was afraid of sounding like a screw up on the air. This attitude was counterproductive to my efforts to explore HF bands other than 10m, which I was already familiar with thanks to the technician's portion between 28.3 and 28.5 mhz. I wanted to know 20m, 40m and 80m bands as well as I felt I knew 10m. I knew that I had to get comfortable transmitting in unfamiliar territory. I remembered being filled with stage-fright when it came to public speaking exercises in school. Mic-fright felt very similar to stage-fright for me. Eventually, I learned to apply some of my public speaking skills to being on the air.

But first I listened a lot. I listened all over the airwaves for over a year before transmitting with intent. I heard foreign news broadcasts by shortwave listening, learning more about how propagation works by seeing it in action. I listened to ragchews on 80 and 40 meters during the overnight hours. I learned that I can turn the VFO if I don't like the topic of conversation. I listened to nets on 20m. Specifically, I learned how the Maritime Mobile Net works by listening to it regularly on 14.300mhz. Speaking of HF nets, I want to point out the 10-10 International net that occurs every day of the week but Sunday at 1pm EST on 28.380. Those guys know how to run a tight ship and that net is usually a pleasure just to listen to.

During this time of listening and reflection I tinkered with the junk at my disposal and built some VHF antennas. I watched a lot of YouTube videos about ham radio. I played with online SDRs like websdr.org, I learned about new niches in this hobby and marked them mentally for later exploration. As I spent the time and mental effort examining the fear that kept me from speaking to strangers, I came to realize that thinking about the person on the other end of the QSO as a stranger was part of my problem. When I started thinking of them as potential friends, we are all radio nerds after all, it became much easier to reach out and offer details about myself. Once I had something more to offer than just my callsign, it often lead to a longer QSO than I expected. My thanks to all the park activators who patiently answered all my questions about their park, their gear and what number I was in their log. POTA people are good people.

Parks On The Air is another aspect of the ham radio hobby that absolutely had an effect on me overcoming mic-fright. Getting out to a park is somewhat of an effort for me, given my mobility issues. POTA forced me to consider gear weight and ease of set-up & break-down. With all that effort in planning an outing, it felt less satisfying than it could be if I went out and didn't transmit. Surprisingly this did not add to my internal pressure to push that PTT. In fact, I found it had the opposite effect. Doing all that planning, making all that effort to get out into a park actually made it easier for me to overcome my mic-fright. I was there for a purpose and usually with a limited amount of time. These constraints motivated me to make the most of my activation attempts. It took me seven times going out, almost 6 months overall, before I successfully activated Nassahegon State Forest in Burlington on 10m sideband with my QRP gear. That success of that activation provided a form of intense joy that I didn't know radio could bring into my life. I rode that high for months and the flood gates opened. From then on I have been on the air daily.

The way I overcame the fear of screwing up on the air was by screwing up a bunch of times. After a good number of innocent mistakes I came to realize that the world didn't end, no one got mad and the FCC didn't revoke my radio license. If a mistake of mine was pointed out to me, it was in order to educate me as to the best practice. It was done so with grace and kindness by the ham on the other end of the radio. Most of the mistakes I made were of no import and just like in public speaking, its a skill to stumble, recover and move on without getting hung up on the mistake. Radio allows me to exercise these good communication skills as well: clearing the nose and vocal cords before operating, speaking clearly and slowly in order to convey the info properly the first time, keeping the conversation rolling and having a beverage nearby as this can save a lot of discomfort. Being a net control for one of the MARC nets has reinforced these good speaking habits for me and allowed me the opportunity to learn some new ones.

The skills of a net control operator that I have learned via observation of other club net control operators include the consistent use of phonetics when passing a callsign over the air (thanks Ed W1YSM), being consistent, punctual and courteous each week (thanks Jim N1ZN), and the use of humor to smooth over any mistakes made and for connecting personally with each participant of the net (thanks to both Todd K1TDO & Shawn KC1NQE). It takes investment of self to run a net each week, that is what first attracted me to the role. It has become one way that I can give back to the club for all the good stuff I have received by being a member.

hope you have been able to take some useful ideas from this article. I have written this series as another way to give back what I can and to show my enthusiasm for the club. An old friend named Gus once told me, "An appropriate application of enthusiasm can make anything in life better." He was right. While participating can still seem frightening to me because of the vulnerability involved, I know that participation is vital to personal growth. I hope I've inspired you to grow past mic-fright (it is a paper tiger!), to expand your interests as an amateur radio operator and to find your way of giving back to MARC.

There are many digital tools today that foster cooperative participation and I am glad to see MARC using Discord. If you do not know what this piece of software is capable of, look forward to the presentation I will be giving in the March 2024 Activity Meeting along with Shawn KC1NQE. There is a lot of cool stuff happening on the club server which ought to make for a lively activity meeting as we fill you in on this social media platform and what it can bring to our radio club.

73 for now from:

Michael Berube M.L.S.

KC1MJZ

michael.berube@yahoo.com

(email me for an invite to the club Discord server)

Calling all Technicians...



SIGN UP NOW FOR THE

MARC GENERAL LICENSE CLASS

Weekly ZOOM classes begin Monday, March 4, 2024



- The cost of the textbook is \$25.00.
- No enrollment costs, no hidden fees.
- Space is limited.
- Email JAMES@AB1DQ.COM

The MARC General License Upgrade Class begins in one month. The class will be a 10-week program held on Monday nights starting at 6:30 PM on Zoom. Classes will be recorded and archived for members who can not attend on Monday evenings or may need to miss a class.

To date we have fourteen students signed up for the class. If you want to enroll but have not reached out to me individually, please do so as soon as possible. To enroll, email me, James/AB1DQ at james@ab1dq.com and put "GENERAL CLASS ENROLLMENT" in the subject line.

There is no fee to take the class and no hidden costs. You will need to obtain a copy of the textbook, however. We will be using the ARRL GENERAL LICENSE STUDY GUIDE - 10th edition, which retails for [\\$32.95 from the ARRL website](#), or for [\\$29.66 from Amazon](#).

Because our class is an ARRL-affiliated class, we can get the books at the discounted price of \$24.71 each (WOW!) and we will be placing a bulk order next week. I will be sending a direct email to all enrolled and volunteer students this week with specific info on how to join the group order. The only caveat to ordering through MARC is that you will need to pick up your book either at the OEM in Wallingford or at my home QTH in Cheshire.

So, if you want to take the class, but haven't signed up yet, please email me at james@ab1dq.com to get on the roster. I will be directly emailing the enrolled students and our volunteers later this week with directions about ordering the book at the discount price through MARC.

73! James/AB1DQ



MERIDEN AMATEUR RADIO CLUB/W1NRG CLUB ACTIVITIES

WWW.W1NRG.COM



DAY	TIME (ET)	BAND	FREQ (MHz)	NCS	NAME	TYPE	WHEN
MONDAY	2000 – 2100	6M	50.175	N1ZN - JIM	6M NET	OPEN DISCUSSION	MONDAY
TUESDAY	1900 -2000	2M REPEATER	147.36 PL=162.2	KC1NQE/KC1MJJZ	2M NET	OPEN DISCUSSION	TUESDAY
	2000 – 2100	10M	28.375	N1API - AL	CASTLE CRAIG 10-10 INTL.	OPEN DISCUSSION	TUESDAY
WEDNESDAY	-	-	-	-	-	-	WEDNESDAY
THURSDAY	1900 – 2030	-	ZOOM	W1YSM – ED	MARC BUSINESS MTG	BUSINESS MEETING	2 ND THURSDAY
	1900 – 2030	ZOOM	*ID: 925 1153 2783 *Passcode: 000377	N1BRI – BRIAN	MARC ACTIVITIES MTG	TECHNICAL/ LECTURE	4 TH THURSDAY
FRIDAY	-	-	-	-	-	-	-
SATURDAY	0900 – 1000	2M REPEATER	147.36 PL=162.2	W1YSM – ED	COFFEE CUP NET	OPEN DISCUSSION	SATURDAY
	0830 - 1200	Hope Hill Rd	143	MARC	OPEN HOUSE	EVERYONE WELCOME	SATURDAY
	VARIABLE	VARIABLE	VARIABLE		POTA/SOTA/OTA's	Activations	SATURDAY
SUNDAY	1930 – 2030	ZOOM	*ID: 932 5667 9514 *Passcode: 686029	OPEN	ELMER'S SHACK	NEW HAM SUPPORT	SUNDAY
	~ 0930 – 1130	2M	MULTIPLE 2M	K1RCT- NZ1J	FIAB (FOX IN A BOX)	HIDDEN Tx Hunt	SUNDAY
DAILY	19:30 – 20:30	ID 835 9494 2316	Passcode 569899	WB1GYZ - BOB	CW CLASS	LEARN CW	DAILY

* values subject to change, see <http://www.w1nrg.com/website/index.html> for current values

11/14/23 Rev 14



Eric & Elsie with Jean-Pierre (P43A) & Cris (P43C) of the Aruba Amateur Radio Club (AARC)
Eric KB1EHE and Elsie KB1IFZ said they had lots of fun catching up with their long-time (over 20 years) Aruban hams and friends. Eric said, “There were two of the first hams we met during our early treks to this island paradise. And we’ve become close over the years.” Although perpetual globetrotters, E & E circle back to Aruba frequently. This was E & E’s 27th visit to the island. Eric mentioned that Jean-Pierre is one of the world’s top contesters. Eric said, “For instance, Jean-Pierre received the world’s top score in the 2023 WPX SSB 15m. He just received his plaque.12,035,887 points!” Elsie said, “I have a guess, hihi, that two of the hams and heroes in Eric’s new book – characters Gerritt and Genovese Hendriks – were inspired by Jean-Pierre and Cris.” Eric replied, simply, “Perhaps.”



Eric & Elsie’s Upcoming Antarctica DXpedition!

A year from now E & E will be planting their flag, well, maybe a multi-band vertical antenna, on the ice of Antarctica. They said they’ve been planning this adventure for a long time, but it took a while for the stars to align. They will be traveling on a National Geographic ship. They are in the early stages of coordinating with NatGeo to be able to operate their radios on the ship and while exploring the ice. E & E said they will keep us posted and would love to see if they can connect with club members during this trek to the bottom of the world.

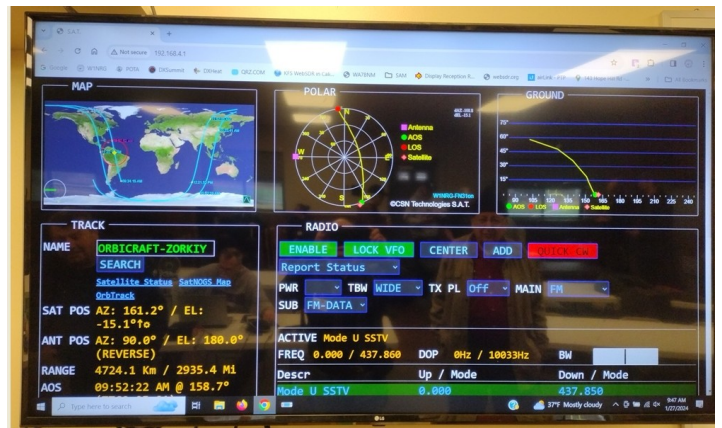
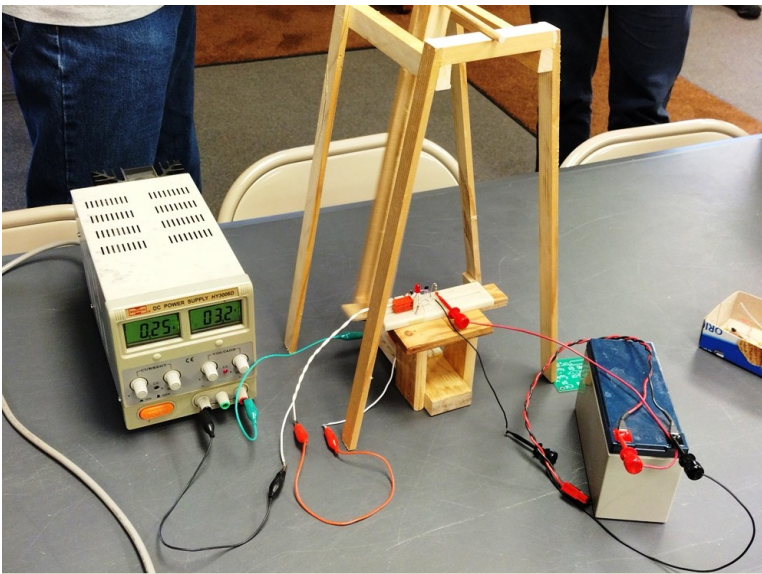
Saturday, 27 Jan 2024, was another busy day at the firehouse with a number of activities going on. Bill NR1B once again tried setting up a Winlink station but ran into the same interference problem as last time. After a lot of troubleshooting by Bill and a check with the spectrum analyzer by Jeff N1AKN it was determined that by moving the two Winlink units farther apart, most if not all of the interference was gone. The exact source of the interference was still undetermined.

Dave NZ1J brought in his magnetic pendulum which drew quite a lot of interest. The mostly wood construction is a hallmark of Dave's many creations. It was suggested by many of those present that this would be a good demonstration to include in any future presentations to youngsters in hopes of interesting them in electronics and ham radio.

Rob K1RCT, our station activities manager, ran a test setup of the CSN Technologies self-contained antenna tracker. It can display just about any parameter including times of AOS, LOS, direction of pass and elevation above the horizon for whatever satellite you want. It can even adjust your radio's frequency setting to automatically adjust for doppler shift. Rob hopes to use this once the station's eggbeater antenna is mounted. For more information on the SAT, here is a link to their website.

<http://www.csntechnologies.net/sat>

Ted KC1DOY



CONTINUED ON NEXT PAGE

WINLINK AT THE OEM VIA BILL NR1B

Thanks to Jeff using a spectrum analyzer and one of our latest new member Chris, K1MAL, with his experience with soundcard cabling, and several others we were able to successfully pass traffic back and forth on Winlink P2P at the OEM on Saturday. Simple solution even with only 5 watt rigs the P2P stations need to be separated by at least 6 feet to prevent rfi from one station affecting the external sound card cables of the other. Ill certainly remember this on any future P2P demos in an enclosed space!

Next planned Winlink session will be on Saturday, Feb 17 at OEM. For those interested in pursuing EMCOMM/Winlink please consider bringing the following:

Windows based laptop, notebook, tablet

2 meter transceiver capable of Hi/Lo 50 watt/5 watt outputs

Ideally 12v Battery since this is for EMCOMM, or 12v Power Supply with an extension cord

External Sound card *such as Digirig or Signalink which should have vendors cables specific to your transceiver. Standard usb cables from sound card to rig wont work they arent configured for PTT.*

2 meter antenna (could be a small "Hershey Kiss" size antenna or a Std. size Mobile Antenna)

We will only be using 5 watts (or less) for Winlink P2P

Mag Mount for the antenna with short coax to your radio.

Metal pizza pan/baking tray (Steel! Not Aluminium)

Go to winlink.org go under user programs and download winlink-express-install.zip Extract and install.

Go to uz7.ho.ua/packetradio.htm scroll down and download soundmodem114.zip Extract and install.

If you want to DIY your own sound card to xcvr cable, Chris, K1MAL has developed a universal cable. Email him, or me, for instructions. Email me for any questions, comments or concerns.

73 Bill NR1B

MERIDEN AMATEUR RADIO CLUB

MEMBERSHIP ROSTER

AA1EM	Kas Bogusz 24 S	KC1PSM	Elizabeth VanNostrand 23 R	NA1L	Dale Clift 24 R
AB1DQ	James Surprenant 26 R	KC1PU	Bob Woodtke Jr. 24 R	NA2AA	David Minster 24 R
AB1HB	Charlie Dudac 24 S	KC1PXX	Dave Alfredson 24 R	NN1DX	Robert Munro 24 R
AB2T	Jordan Zarembo 24 R	KC1PYT	Jeff Gazso 24 R	NR1B	Bill Huggins 24 S
K0OZ	Brian Boccuzzi 24 S	KC1QHO	Mike Beaudry 23 R	NT1S	Tyler Schroder 24 R
K1BTR	Bryan Ragaini 25 R	KC1QLS	Ray Cirno 25 S	NZ1J	Dave Tipping 23 R
K1DMS	Dave Sack 24 S	KC1QQV	Gary Getrost 23 R	UT3UY	Anatoly Kirilenko 23 R
K1JCF	Joe Farrell 25 S	KC1QWH	Steve Rygiel 24 R	W1AJK	Andrew Kazimer 24 R
K1LHO	Mike Ash 24 S	KC1RBY	Sergio Frutuosa 23 R	W1BJG	Judy Wilkins 24 R
K1LYP	John Yusza 27 S	KC1RHB	Jared Martin 23 R	W1BOB	Bob Lobley 23 R
K1MAL	Chris Altieri 25 R	KC1RLQ	Eric Barbour 25 R	W1BRY	Donald Chepurna 24 S
K1MMK	Michael MacKennedy 27 R	KC1SA	Stephen Allen 24 S	W1DQ	John Elengo 24 S
K1MVM	Mike Macri 23 S	KC1SDA	Richard McHugh 24 S	W1EDX	Paul Stasieluk 23 S
K1NEG	Nelson Goewey 25 R	KC1SLV	Joshua Wrinn 24 R	W1IKW	Iain K White 24 R
K1PET	Debbie Purchia 24 R	KC1STF	Julian LoRusso 25 S	W1LV	Steve Morley 24 S
K1RCT	Rob Cichon 23 R	KC1TAD	Tom Dipinto 24 R	W1NDT	Robert Lombardo 24 S
K1SCI	Stuart Isaac 24 R	KC1TCO	Dee Crombleholme 24 R	W1POP	Fred Liedke 23 S
K1SMD	Silas Moeckel 24 R	KC1TEV	Mark White 24 R	W1PRK	James Procaccini 24 S
K1STM	Anne West 23 S	KC1THU	Mike Zelladonis 25 R	W1RCI	Ron Isaac Jr. 23 R
K1TDO	Todd Olsen 24 R	KC1TKY	Bob Hourigan 25 S	W1TK	Ron Wakefield 24 R
K1TGX	Jerry Molaver 25 S	KC1TOV	David Tomlinson 25 R	W1UFO	Mike Cei 24 R
K1VDF	John Blevins 24 S	KC1TKZ	Mark Bonitatebus 25 R	W1UKX	Greg Gherardi 24 S
K1WJL	Dave Swedock 24 S	KC1TPN	Rick Foster 24 S	W1YSM	Ed Snyder 24 R
K4AVM	Andrew Olsson 23 R	KC1TSG	Jim Drexler 24 S	W2OFR	Mark Dickson 23 R
K5ATA	Steve Goodgame 24 R	KC1TSK	Richard Pagano 24 R	W3APC	James Cook 23 S
K5CYN	Cyndi Goodgame 24 R	KC1TSL	Charlie Vossbrinck 25 R	WA1BAR	Michael Barr 24 R
KA1BED	Bill Green 25 R	KC1TSM	Ellen Cosgrove 24 R	WA1CJA	Matt Mowerson 24 R
KA1KJV	Bob Trussell 23 S	KC1TSP	Dale Fortin 24 R	WA1EXA	Mark Petruzzi 23 S
KA1YZC	Paul Patnoad 24 R	KC1TST	Mike Boccuzzi 24 R	WA1FFT	Ray Irwin 23 S
KB1APO	Jim Sintay 25 R	KC1TSX	Mike Barile 24 R	WA1JKR	John Rogus 24 S
KB1EHE	Eric Knight 24 R	KC1TSY	Daniel Gessner 24 R	WA1K	Jack Chapman 24 R
KB1FEX	Ken Jalbert 24 R	KC1TTP	Jeff Lawrence 24 R	WA1MAC	Paul Clark 24 S
KB1HAX	Bill Reyor III 23 R	KC1TYO	Ken Williams 24 S	WA1RAB	Bob Bartha 23 S
KB1IFZ	Elsie Mathews 24 R	KC2MLH	Adam Castracane 24 R	WA1SFH	Douglas Sharafanowich 24 S
KB1ISO	Dennis Hanlon 24 S	KC3UKG	Storm Murrell 23 R	WA1TRY	Rich Aubin L L
KB1JL	Eric Olsson 24 S	KD0BMW	Marty Crandall-Grela 23 R	WA1WDN	Bob Marinoff 24 S
KB1KTZ	Carl Fosse 23 S	KE1AU	Bob Kaczor 26 S	WA1ZVY	Jim Martin 28 S
KB1LWS	Jeanne Gherardi 24 S	KJ7HXE	Chuck Chatfield 25 S	WB1CLT	Steve Duess 23 S
KB1MFU	John Ramadei 24 R	KK7NLS	John Condon Jr 24 R	WB1DMK	William D'Agostino 25 R
KB1PZS	Robert DelGreco 23 R	KO1J	Randy Whitehouse 23 S	WB1DQT	Bill Bacon 24 S
KB1TBL	Dave Laliberte 23 R	KO4EEL	Tom Williams 23 S	WB1GFI	Stan Hiriak 24 S
KB1TGS	David Robinson 24 R	KR1U	Bob Eslinger 24 S	WB1GYZ	Bob Biancur 24 S
KB1TMC	Clare O'Lena 23 R	KS1WK	Seth Kolasinski 23 R	WB8IMY	Steve Ford 25 R
KB1TTV	Jonathan Martin 26 R	KX1USA	Rob Messercola 24 R	WJ1B	Harold Kramer 25 S
KB1YFJ	Glenn Couture 24 R	NOHIO	David Koerner 23 R	WV2LKM	Steve Waldmann 23 S
KC1BQP	Paul St.Amand 25 R	N1AKN	Jeff Dwyer 24 S	WX1W	Mary Duval 24 S
KC1DOY	Ted Renzoni 27 S	N1API	Al Kaiser 24 S		Spencer Rygiel Y Y
KC1HFO	Johannis Stodis 25 S	N1BRI	Brian Beegan 25 R		Dave Devito 23 S
KC1HQX	Preston Byrne 23 R	N1BRL	Bart Toftness 25 S		Lucas Molloy Y Y
KC1IHK	Scott Mowerson 24 R	N1FNE	Rod Lane 25 S		Michael Cossu 24 R
KC1ISI	Kristin Olsson 24 R	N1GNV	John Bartscherer 23 S		
KC1KQH	John Kasinskas 24 S	N1GY	Geoff Haines 25 S		
KC1MJZ	Michael Berube 23 R	N1IBE	Wade Martell 24 S		
KC1NQE	Shawn Warren 25 R	N1JEO	Joel Curneal 24 S		
KC1NRD	John Lujick 25 S	N1JMX	Jeff Martin 28 R		