

"DRUMLINS RUMBLINS"-MARCH 2023

WE'RE meeting at the **WAYNE COUNTY SECOND FLOOR EOC ROOM**
Wayne County Public Services Building 7227 Rte 31 Lyons NY 14489

WEDNESDAY MARCH 15th MEETING START 7:30PM

REMEMBER: The front door and the EMO entrance will be unlocked from 6:30-7:30pm.
So arrive in this time period for an easy entry.



*****YOU HAVE A LITTLE LEEWAY TO GET IN UNTIL 7:55PM!



Remember to bring cash for the 50/50 and Tris's home baked scones and or goodies!
Popcorn will be available for this meeting again! Free!





PRESIDENT'S KORNER

MARCH? In like a lamb or a lion? So far like the lamb which doesn't bother I and we've been able to have our monthly meetings. Such luxury seating. Hi hi.



Speaking of meetings, our last meeting in February with the end of the movie "Greyhound," was a great time and the popcorn was nice. We have enough popcorn for this March's meeting as well. So if you have more control going for something healthier than me, come for the popcorn. Here are some pictures of our snacks and even got Rich, KC2TNJ, in there.



KC2TNJ Rich →



We have to give Rich a lot of credit for hauling all the accoutrements for our snacks, setting it all up and packing it all back into his containers for every meeting! I know RaRa's meetings have goodies but nothing like our scones Tris is soooooooooo good at baking. (Tris even makes her scones for our church rummage sale and they go fast. Her neighbor heads our rummage sale committee. Good thing you get along with her Tris. Hi hi.)

Actually I was a good boy and saved my scones for the QTH. Oh, yes, I took a couple of Tris's scones home for the XYL and myself. You bet I did. I had two dishes of the popcorn instead. Here I am enjoying a couple for breakfast. Yummy.



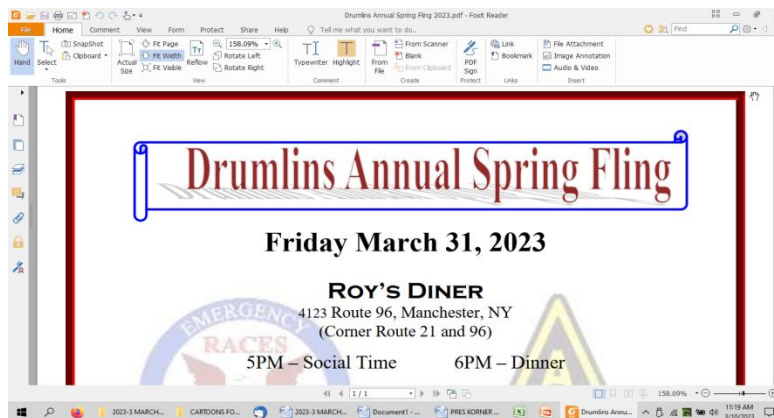
Sure is better than the bran flakes you see. Bring a Ziploc bag and treat yourself too if you wish. I don't have to be the only one. Hi hi.

Don't forget the Spring Fling coming up March 31st, Friday, at "Roy's" on the southwest corner of Rte 21 and Rte 96 intersections. Rich sent out an email reminder and I said I would tickle your memory in this month's newsletter. Excuse my rudimentary try at copying KC2TNJ's flier. Email your RSVP to Rich, please, ASAP. (A picture is worth a 1,000 words as



the Chinese proverb says.)

RICH-CALL OR EMAIL HIM FOR THR "SPRING FLING!"



With Covid these past three years, this is the first Spring Fling we could even think about. Any time we can get together with members, XYLs, YLs, OM's and YM, it is a good time and the company worthwhile. When my XYL says she likes these get-togethers, even with "radio" people, you know it is a good time. "Radio" breakfast? Never! "Radio" hamfest? I'll give her credit for one time bringing our family female harmonic and her new YM. I must give her credit as well for attending the SIARC "radio" program that I gave at the SIARC meeting about what I did on the Island of Shemya when in the Army and for DARC. She never really knew what I did in the Army with my Army Security Agency. For many years I didn't know the whole story myself. Hi hi. That is the truth. I am thankful the XYL is very generous with my "radio," since it does take time away from being together. (Hurray for the Hallmark channel. Hi hi. We love it. Better than the news.)

Last, please give some praise for Justin, W2JPT and Jeff, N2MLT, for their work on the 685 and 745 repeaters. Justin is out of town a lot with his expertise but communicates with Jeff to figure out what trouble those “electronic gods” are causing. The 685 repeater is the present trouble. Our WARECS net has been using the 745 repeater for the drill message Sunday evenings these past weeks. That will continue until further notice. Jeff spent this past weekend both Saturday and Sunday trying to eliminate that electronic “culprit” messing things up. (Impressed by my technological terms? Hi hi.) Jeff has been keeping George Bastedo informed and George is looking into how he can help with purchases. The DARC BoD has been kept up to date on everything. Thanks to Jeff for the “hiking” up to Brantling. During that last ice-snow storm Jeff couldn’t even get into the 685 building after traipsing up the hill. Frozen lock!

Look at Jeff’s QTH antenna after that ice-snow storm coming thru. I hope others of you made out well with that junk. I know Rus, N2IZV, had some wire antennas down thanks to tree limbs coming down.



Hope you fared better!



Lots of spring cleaning, Jeff. H hi.

For all his work I told him I’d take a longer nap to conserve his energy. Hi hi. Guess my inside antenna farm as a slight advantage. Hi hi.

73 & 88, Dave KB2KBY

P.S. After typing up this President’s Korner, I got a text from N2MKT to see if “...are you busy?...” which Jeff wanted me to test out the 685 repeater. Yes, he was working on the “hill” after a weekday work day. KD2VPG, Caleb and harmonic of Rob KD2VPE, happened to be on the 685 going home from work too. Despite getting another can from KA1CNF, Steve, and tuning it for the 685, Jeff still could not get that crackle out of the repeater. Again, please, say “thanks” to Jeff for all his time given to DARC and RACES helping George Bastedo and the County EMO. Don’t forget, Jeff takes care of the 745 repeater too. As I always say, those darn electronic gods.

My hearing by the way, I heard Caleb’s call as KD2VPE and thought he was his Dad. Hi hi. To my ears, Caleb sounds just like Dad. Hi hi. Give me CW any day. An “A” is “dit da” no matter what the QRN, QRM, QSB, etc. Gabbing with Caleb, I found out he passed his General ticket at the SIARC testing session this Wednesday. **Congratulations, Caleb!** Caleb said he didn’t have an HF rig yet. But that is pretty normal. The DARC hamfest is coming up, Caleb! You’ll have an opportunity then. “FB,” Caleb on your upgrade.

Caleb also mentions his brother-in-law’s callsign is only one I letter off from his as KD2VPF. Ahhhhhh! My poor ears. Hi hi. It was nice gabbing with Caleb. It is my first time talking with him. He was with Dad at the December DARC meeting but I didn’t get a chance to talk with everyone then. There isn’t even enough time for “Talks To Much” Dave at times. (Which I know many of you are thankful for too. I know it is truth. Darn social studies teachers anyway.)



RACES-ARES March 2023



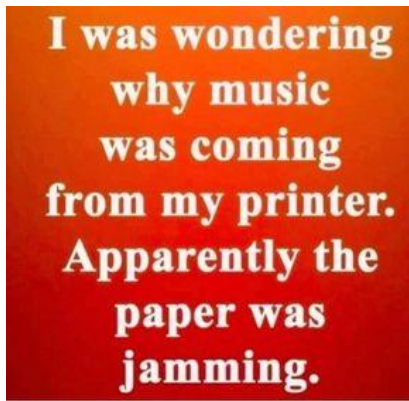
GINNA STATE DRILL AUGUST 1st, Tuesday! Mark it on your calendar, please. RACES still needs more volunteers!!!!!!

We are very very lucky with our weather. You have seen the news about tornados in the southern Midwest and southern states and the flooding and snow in California and over the Serra Nevada mountains into the northern Midwest. I have never seen so many storms coming off the Pacific Ocean into California. This atmospheric “river” they talk about just seems like it keeps coming and coming and coming and hits us on Fridays. Tornados? I thought there was a tornado season! It seems with the weather changes, that season is all seasons. There is no break and the southern states getting more tornados than I have ever heard before. Am I wrong? What I have read and seen on the TV news, this is going to be a pattern we will see in the future with our global warming. The Arctic Ocean is seeing its second seasonal year loss of ice pack.

So, we are lucky. But, it does not mean we can slack off with RACES and ARES. If we had any kind of a short term emergency of any type, Wayne RACES would not be able to man even our RACES 1 position in the County EMO Dose Room 24/7 until the emergency was over. Two days, a week 24/7 would be impossible. I am sorry to say this is no joke. I am not kidding. For those of you with QTHs with backup electrical power you may be able to use a computer at home signing in with Web EOC. (During the “Sandy” storm way back, I managed to do this.) Us apartment dwellers would not have that advantage nor you no back up QTHs. To help George Bastedo and in a non-Ginna emergency, we’d be supporting specifically the Red Cross of Wayne County with comms, especially if the cell towers went down. We’d be taking one of our big go-kits to a Red Cross reception area setting up the whole FT8800, tripod, 2m antenna, coax, Signalink and cables and a RACES laptop donated by the Ginna owners. (I have a whole go-kit like the EMO has and one of my laptops ready.) I’ve been using one of the RACES laptops at my QTH for the WARECS net to make sure they do work on the FIDigi, the battery can charge up, etc. I should do the same with the other laptop too.

There are over 400 FCC “ticket”-ed hams in Wayne County and more DARC members than the usual 10-15 that pull out for meetings. Please consider, you fence sitters, of volunteering for and training for RACES. It is not hard. It is just familiarizing you with the go-kits for a start. It is stuff you know how to easily to adapt to. The WebEOC program is not taxing either on the computer. Even non-technical ham Dodo Computer Dave knows what to do as a RACES “op.” Any “Tech” ham can do it all too, easily. If you haven’t picked up a mic in awhile, never fear. You can do it.

Enough ranting for one month. Hi hi. Also, pay attention to dates further down in the newsletter for seasonal events you can help with comms. Yes, some are in Monroe and Ontario counties. We can help our area RACES friends.



REPEATER REPORT

Email from Jeff, N2MKT, on our recent problems:

So on Friday, February 25th, I tried to go to Brantling and swap out the 685 repeater but too much ice had built up the lock and electrical connector. So I postponed it till tonight. I swapped the repeater out, however it still has hearing issues, in fact might be worse. The spare does not have an initial ID-er, but will ID after 9 min.

I checked the antenna with a quick SWR check with a Bird meter, and it showed 1:1. At some point I will return and check it with a VNA to see if I'm getting a false reading. I brought the old repeater back to my house to check SINAD and it reads the same as the new repeater @ -120db or .02uv.

So, while KD2VPG was talking I was trying to see if I could find where the crackling/ receive loss and its highly possible that the cans are causing the crackling noise, a.k.a. dissimilar metal /dirty connectors and one of the tees on TX can was wobbly even though it was tight.

So, we need to discuss how we are going to address either fixing or replacing the cans. Brand new cans are very expensive like 2k-3k expensive. I have sent an email to TX RX systems in Angola, NY to see if they can refurbish the cans we have. Our cans are WACOM but TXRX bought them out years ago. I'm betting they will say no. I also ask them to send me a quote on a new set in the same message. 2nd alternative is we could maybe have a BIG work party and try take the cans apart and go through cleaning them up, replace silver tees etc. 3rd any ideas would be great!!

The present cans have worked well but they only provided 66db isolation per side where a new set should be in the order of 85 db.

A set of cans on Tessco without government discount was 3600 dollars for a new set.

I also checked the 444 repeater antenna, 55 watts forward, 10 watts reflected not well at 2.2:1 but it has a circulator on it so it's not harming the amp, but needs to be replaced when we replace 685 antenna.

Wish I had better news. Thoughts?

Jeffrey Jensen -N2MKT

[Jeff has been working on the 685 and the signal is much better. The BoD has contacted George helping with the costs.]



February 16, 2023

The US Airforce may have shot down an Amateur Radio Pico Balloon over Canada

Since the famous takedown of a suspected Chinese spy balloon, US jets have shot down a total of three more unidentified balloon objects, now confirmed to have been 'commercial or benign'. There is speculation that at least one of these three objects may have been an amateur radio 'pico' balloon.

One part of the amateur radio hobby is launching high altitude balloons with various radio and other payloads. Larger amateur radio balloons launched in the USA require FAA clearance, need a radar reflector attached, and usually continually transmit APRS telemetry before naturally popping and falling back to earth after a few hours, just like a weather balloon.

However there is also the simpler 'pico' ballooning hobby, which involves the use of mylar helium party balloons to launch small solar powered payloads that are only a few grams in weight. They typically transmit low power WSPR at HF frequencies and can only transmit whenever there is sufficient solar power available. Amateur radio or SDR hobbyist stations around the world can pick up these transmissions, and report them on amateur.sondehub.org and/or wsprnet.org. Well built balloons can totally circumnavigate the globe several times over several months before degrading.

While termed 'pico', the party balloons used can still be roughly a meter in diameter on the ground, with some latex balloons potentially expanding further at high altitudes due to the low atmospheric pressure. These balloons can be legally launched from almost anywhere in the world. In particular in the USA there is [no FAA clearance required](#) to launch them due to their payload being much less than the limit of 4 lbs (1.8kg).

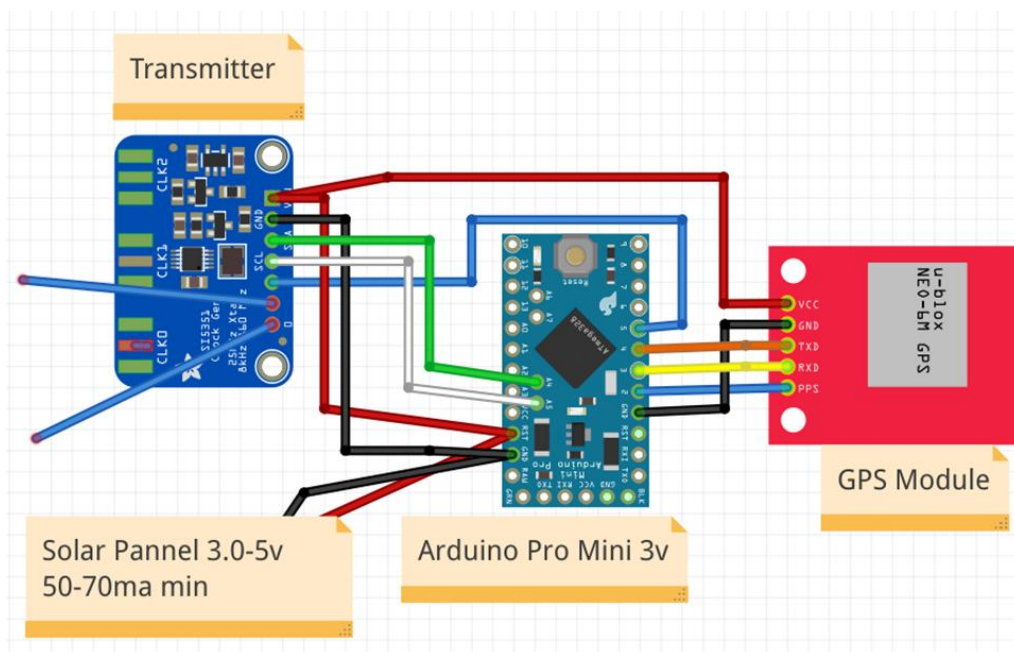


32" Silver Orb Shaped Mylar Balloon used for Pico Ballooning

There is speculation that at least one of the objects shot down over Canada, Yukon by a US Air Force jet may have been amateur radio pico balloon K9YO-15 which was [launched from Illinois on October 10 2022](#). It was on its seventh circumnavigation of the globe after being aloft for 123 days.

The launch blog post indicates that the K9YO-15 balloon was flying a silver mylar 32" sphere SAG balloon which [appears to be this one from balloons.online](#). Unlike latex or rubber weather balloons which inflate and stretch as they rise into lower atmospheric pressures, these mylar balloons can't stretch, so their fully inflated ground size will be the same as their size at high altitudes, meaning the pico balloon won't get much bigger than 32". The payload was a GPS module,

Arduino, SI5351 used as a WSPR and APRS transmitter and a solar panel, all together weighing 16.4 grams. A [pentagon memo](#) notes that the object shot down over Canada was a "small metallic balloon with a tethered payload" which fits the description of the pico balloon exactly.

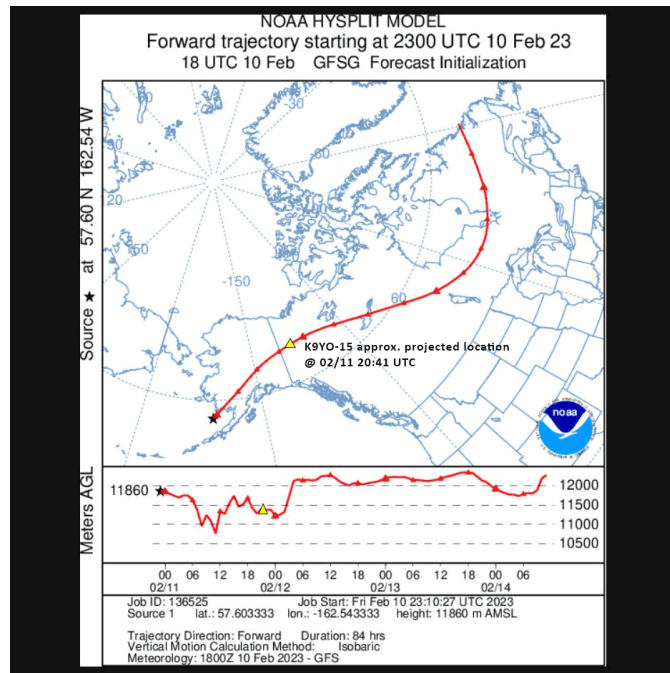


[Almost looks like a miniature Chinese balloon!]

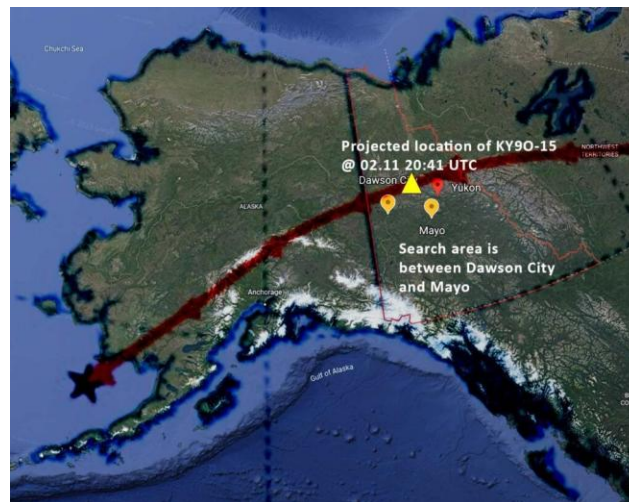
The K9YO-15 balloon ceased all [WSPR telemetry transmissions](#) while flying just below Alaska since Feb 11 00:18 UTC (just before sunset in Alaska when the solar panels would stop working).

By using NOAA wind models and the last known location by Alaska, K9YO-15 was projected to have been over Yukon when the US Air Force shot down the unknown balloon object at Feb 11 20:41 UTC (3:41 PM EST / 1:41 PM Yukon time [according to Canadian Defense Minister Anand](#)). Reports put the altitude of the shot down object at approximately 40,000ft (~12000 meters), which matches the projected ~11500 meters of K9YO-15. Based on the previous days transmission times, it is suspected that if it were operational, the balloon would have begun transmitting again sometime later in the Yukon afternoon when the sun was stronger, but no transmissions have been seen.

On February 14th the balloon was [declared as missing in action](#) by the launch group.



The search area for the fallen balloon debris is reported to be in difficult to access terrain [between Dawson City and Mayo](#). If we do a rough overlay of the predicted trajectory over a Google map, we can see that the predicted location of KY9O-15 at the reported time of the missile impact matches this description very well.



Over on Reddit [@ikluft](#) (K06YQ) has also [written some insightful information](#):

I see you're all talking about my tweet. Yes, we are still watching to see if K9YO-15 transmits any telemetry today.

So far K9YO-15 has not sent any new telemetry since Friday before sunset over Alaska. Some have misread confusing data presentation on Sondehub which lists last known telemetry as covering a time range from then to now. Currently the last we've heard from K9YO-15 was Friday Feb 10 before sunset over Alaska (00:48 GMT Feb 11). But the map on Sondehub does show the last reported position.

These floater balloons often use only solar panels, no batteries. Batteries were dropped from the projects early on because they have limited charging cycles before they stop accepting a charge, especially in the harsh temps at altitude, -40F/-40C or worse. When the battery stops accepting a charge, it ends telemetry from the mission. So they only report telemetry during daylight, when the sun is at a high enough angle to illuminate the tiny solar panels. In the Arctic winter, the days are short and the sun might not get high enough to wake up the electronics. So it stays dormant for one or more days until it drifts back down to lower latitudes where there's more sunlight. So K9YO-15 was in a period where watchers didn't expect to hear from it for a few days. But we expected it today. So far nothing. As I write this, daylight is almost done way up there for Tuesday, Feb 14.

We (the Amateur Radio balloon community) only expect any telemetry from it today would be via WSPR, none via APRS. WSPR uses HF and can be received at long distances, where it's relayed to Internet map sites. APRS is (usually) on VHF and UHF, only received by line of sight. There are no relay stations in range of today's projected flight course in northern Ontario and James Bay, Canada. So APRS-fed sites wouldn't show updates today anyway.

The club in Illinois that built the balloon has tracking links at <https://nibbb.org/links-to-locate-and-track/> - you'll have to scroll down to find K9YO-15.

For an introduction, I'm Ian KO6YQ. I was involved in the first Ham Radio balloons that circumnavigated the globe starting in 2016, launched from San Jose, California. I had roles on them including tracking analyst and social media spokesman. I also organized and led the Ham Radio tracking teams which recovered the Civilian Space eXploration Team (CSXT) first amateur rocket to (suborbital) space in 2004.

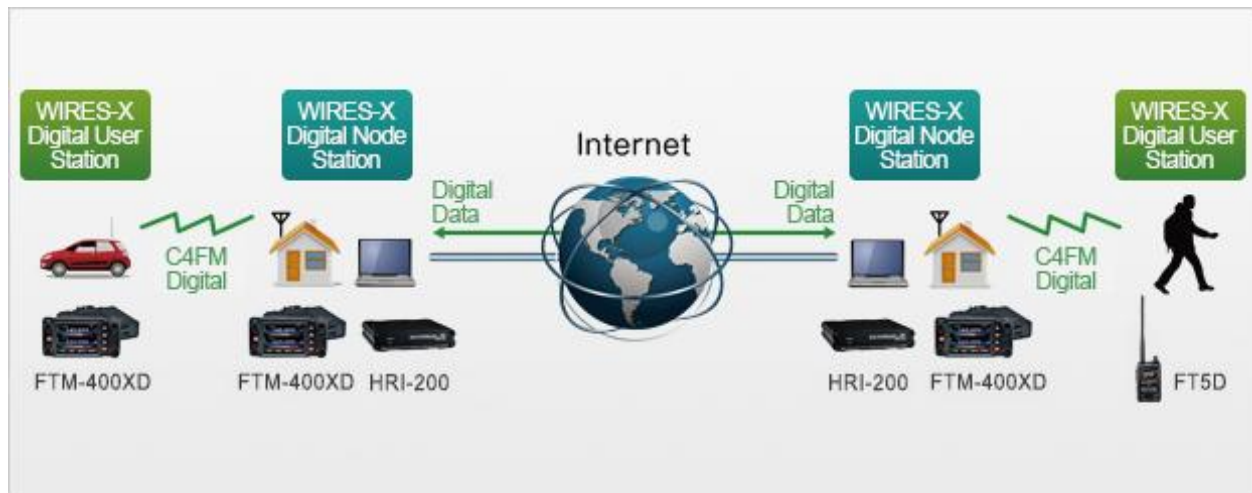


New proposed arming of the F-35 to save \$\$\$\$\$ on using Sidewinder missiles to bring the Chinese balloons down. Hi hi.

MARCH PROGRAM

Our program for March will be a presentation by Steve, KA1CNF, on the **Yaesu WIRES-X**. Steve did a presentation a few years ago and just this week at the SIARC meeting on the WIRES-X. I asked Steve if he would consider showing his presentation at this month's DARC March meeting. I sort of tackled Steve with a text after coming home from the SIARC meeting. Since it was fresh in his gray cells, could he do a presentation for DARC this month. (You've heard enough of my voice. Hi hi.) Well, Steve got back and graciously said, "Yes."

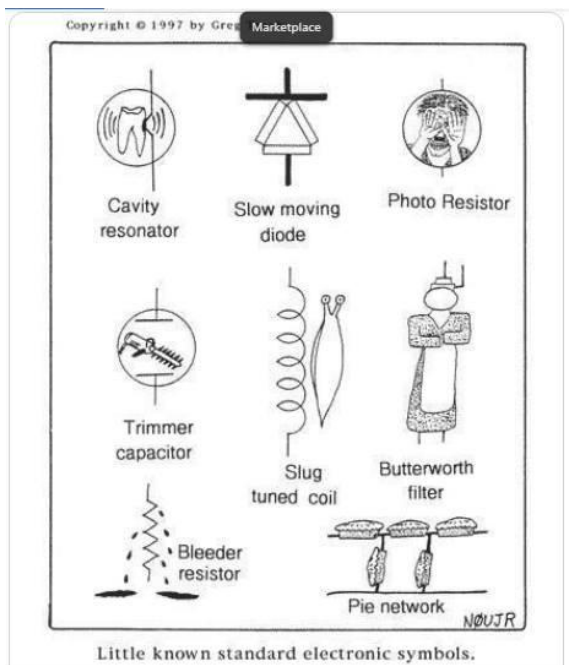
Oh, yes, I remember Steve's last presentation. How many years ago? Hi hi. But Steve has new stuff about the Yaesu WIRES-X. Yaesu has of course advanced their WIRES-X technology and Steve will point out it has gotten easier to understand.



It has gotten easier and understandable because even I picked up more for me. Yes, non-tech, Dodo Dave. You can tell Steve has picked up the new and blended it well with the old terminology. Steve has a dedicated WIRE-X frequency to help out at his QTH. You have a Fusion HT and or mobile rig you will be interested in his program. I got one of the FTM-400XDs which is collecting “dust” on Fusion. He has peaked my interest even being one of those “WIRE-X Digital User Station” ops. That is pretty darn good for being an old-old fashioned CW lover. Hi hi.

Get yourself to the March DARC meeting. We don’t have to talk much about beforehand, so grab a drink, grab a scone and or a bowl of popcorn, sit down in one of comfy chairs George has provided and get “edge-you-be-kate-ed.” (Hi hi, what it sounds like to me.

Thanks, Steve.



KB2KBY’s technology understanding. I’m ready, Steve.

2023 Field Day CW Rule Changes Postponed

Many Atlantic Division members contacted me in the last few days with concerns about the new Field Day (FD) rule regarding points for CW and contacts implemented by the ARRL Programs & Services Committee (PSC). Almost all of the comments I received were against the change equalizing

contact points for any mode. Many of you writing took the time to explain your reasons for your concern which was helpful. Some of the respondents were writing as designated representatives of their ARRL club. I responded to as many of you as I could personally explaining why I agreed the change is unwarranted and I shared your concerns.

Tonight the ARRL PSC held a special meeting for the purpose of reconsidering the changes in view of the members' strong interest. Though I am not appointed to the PSC, I attended as an interested director to provide comment and was allowed to do so. The rules for mode scoring will NOT change this year. Further, the PSC will be considering members input before next year. There may be formal electronic polling to assess the members comments further before next year's Field Day.

Also, the committee voted to conform FD rules with other contest rules by banning both robotic FT-x operations and the use of automated multi-streaming operations. Details are forthcoming.

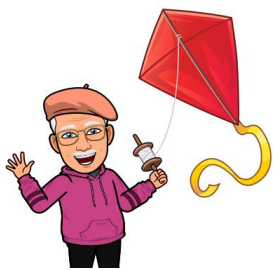
This responsiveness demonstrates that the Committee heard all of the members expressing their thoughts. You had an impact. There will be time to debate changes over the next months and I urge you to make your thoughts known when that time comes. In the end, our League is a member organization and members interests should drive our direction whether major policy or simple rule changes for contests. If you disagree with this statement, please feel free to let me know. I will respond. After all, the ARRL is your League.

73 & I will see you on the radio.

Bob Famiglio, K3RF
ARRL Director - Atlantic Division

ARRL Atlantic Division
Director: Robert B Famiglio, K3RF
k3rf@arrl.org

[After our hamfest the Field Day Committee will start meeting which Rich, KC2TNJ, is a super organizer. Any SIARC and DARC member can attend. Look for the emails from DARC and our SIARC friends. This is good news in this article for us CW ops. In past Field Day events, CW points have been equal to or higher than the voice.]



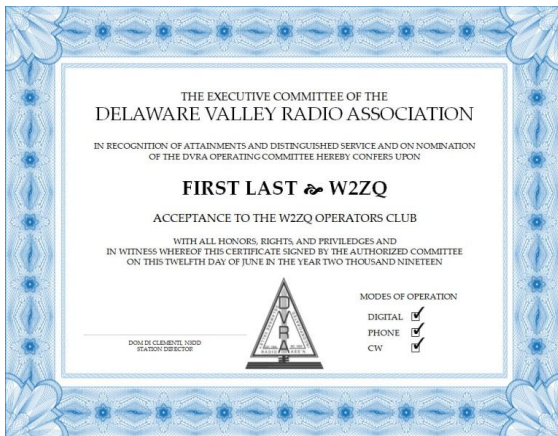
My kite flying too high? Will a F-35 "shoot down" my kite?

Next year's car show due to gas prices!



Atlantic Division Club named 2023 Club of the Year

I have the pleasure in reporting that an ARRL affiliated club in our Atlantic Division, the Delaware Valley Radio Association (DVRA), has been selected as the 2023 club of the year by the Dayton Hamvention Awards Committee.



DVRA was formed in 1930 with its ARRL affiliation certificate signed by the old man himself, Hiram Percy Maxim. While DVRA is officially in the Southern New Jersey section of our division and serves the Trenton, New Jersey metropolitan area, with over 120 members the club includes hams in the Eastern Pennsylvania and Northern New Jersey (Hudson Division) sections as well.



The DVRA has tripled in size over the last six years due to the wide

range of amateur radio activities and events they offer. An all-purpose club, the DVRA's activities include public service events, operator training and mentoring, Scouting events, informational monthly meetings, POTA events, and the operation of a world class club station W2ZQ. See the whole club story at www.w2zq.com. Congratulations to all the members of the DVRA!

73 & I will see you on the radio, Bob Famiglio, K3RF, Director, ARRL Atlantic Division
[Congrats to DVRA!]

NOEK-ANOTHER ANTENNA PROJECT

Our, Ed, NOEK, has been at it again. Hi hi. Ed is another apartment dweller like me so I am always interested what Ed can do in his environment to get out. Here is one of Ed's projects a MLA (**M**agnetic **L**oop **A**ntenna).

Here is Ed:

NOEK MLA The Loop is roughly 36 inches round inside dimensioned measurements. However, I went 2 inches over original spec's. I used heavy gauge copper tubing after testing the original flexible schedule tubing and the reception was noticeably improved and construction was little more stable. I soldered the tubing together because I got a break in price as I found on other antenna builds, there was no noticeable difference in performance with one solid tube. I replace the heavier RG 8/U with a gray 8X. The gray 8X is usually for inside out of the weather coax. Doing a little research as most as inquisitive amateur hams will do, I found that on line and eBay list a number of loop capacitor types. Using black coax for the looks such as hard line coax is fine. But solid metal is better as the copper here but even aluminum tubing works well. There you have it, an apartment loop that works well or outside in good weather. 1st contact from my ground floor was QRP. Wow! This was my kind of antenna! We'll up the wattage another time. The loop is good for 100 watts but inside it will be lower.

73

Ed K/NOEK



Thanks for the pictures, Ed. KB2KBY wishes he had the room for this MLA. I have an indoor dipole I've worked on which I'll try to get in the next newsletter. This MLA is no longer available unfortunately. I remember looking at the site many years ago but it was too large for my apartment I was moving into. Surprise surprise. Hi hi. Kicking the XYL is not an option by any means to replace for this antenna. No joke by any means. My XYL has been very generous giving me the larger bedroom for a shack. I've got pictures for a newsletter when there is room. Shhhhh, I cleaned up my shack.

The tuning part is in the box with the three different pictures. Nice thing about a MLA antenna is it doesn't need a separate ATU. The tuning is done to 1:1 SWR with the tuning coil which is pretty darn neat. I have a smaller MLA for my QTH shack which will tune 80-10m but I am limited to 10w CW and 25w SSB. 100w is overkill especially at such close proximity to the op. But at 30w power on CW you are tripling your signal out. The military HF backpacks radios are at 20-30w power.

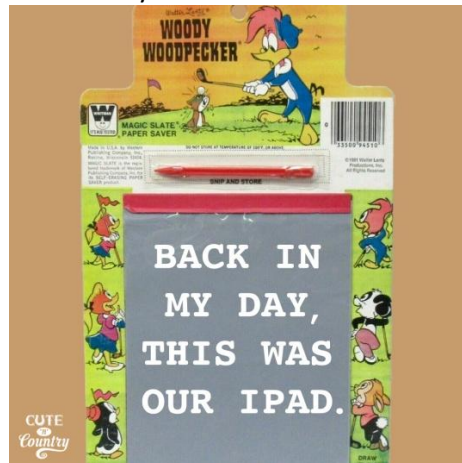


The finished MLA! TNX, Ed. I'm envious.



I think I'll stop my hot air ballooning for awhile. Scary times with balloons.

Or just don't talk?



RACES (Radio Amateur Civil Emergency Service) and **ARES** (Amateur Radio Emergency Service)

Public Service Events for 2023 include:

Wild Water Derby, Shortsville, April 29

Tour De Cure, Webster—June 10

Shortsville Fire Department Parade, June 16

Musselman Ironman, Geneva and Seneca County, July 9

Ginna State drill, August 1

Phelps Sauerkraut Festival Krauter, August 5.

Pumpkin Patrol, NYS Thruway overpasses, October 30 and 31

Mark your calendars to help out.

KB2NCI and the SIARC "HEALTH and WELFARE NET"

Tom, KB2NCI, is still doing the "health and welfare" nets on weekday nights at 8:00pm on the 146.820 repeater in 2023.



Tom is starting out the 2023 year with **net #751 March 9th**. Kudos, Tom! Get

aquainted with some of our SIARC friends and the surrounding counties. Steve, WB2VMR, was NCS Tuesday night as I write and he commented there have been so many nets he could not remember, "In the 600s," he said.

Tom's SIARC health and welfare net is open to all hams that can hit the 146.820 repeater (tone 110.9), either mobile or from your QTH. Just listen to Tom's or the NCS's instructions always given first as the net starts like we all know as hams and used to a SOP. So listen for the SOP at the beginning of the net. Only the third Wednesday of the month, the SIARC meeting night, is there no net.

751 NETS!!!!!!! CONGRATS, TOM. Admire your patience too.



The Radio Amateur's Code

The Radio Amateur is

CONSIDERATE...He/[She] never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL...He/[She] offers loyalty, encouragement and support to other amateurs, local clubs, the IARU Radio Society in his/[her] country, through which Amateur Radio in his/[her] country is represented nationally and internationally.

PROGRESSIVE...He/[She] keeps his/[her] station up to date. It is well-built and efficient. His/[Her] operating practice is above reproach.

FRIENDLY...He/[She] operates slowly and patiently when requested; offers friendly advice and counsel to beginners; kind assistance, cooperation and consideration for the interests of others. These are the marks of the amateur spirit.

BALANCED...Radio is a hobby, never interfering with duties owed to family, job, school or community.

PATRIOTIC...His/[Her] station and skills are always ready for service to country and community.

- adapted from the original Amateur's Code, written by Paul M. Segal, W9EEA.



Hamfests in the Future:

Drumlins Hamfest, Palmyra VFW, **April 22**-PUT IT ON YOUR CALEDAR & FRIDAY EVE SETUP

AWA Spring Meet and Auction, Bloomfield—May 13

RARA Hamfest, location TBD--June 3

RAGS Hamfest, Camillus—July 8

Batavia Hamfest, Alexander—July 15

Ithaca Hamfest, Trumansburg—August 5

Roc City Hamfest, Macedon—August 26

Lancaster Hamfest, Lancaster—September 9

**I see people my age out
there climbing mountains
and zip lining and here I
am feeling good about
myself because I got my
leg through my underwear
without losing my balance.**



I would have too! Whew. Hi hi



Only in America can we all be Irish for one day.

(Sorry, I'm almost all English but you can kiss me anyway! Hi hi.)



THAT'S IT FOR THIS MONTH! SEND ME ARTICLES, PICTURES, STORIES, CARTOONS FOR THE NEWSLETTER!

This is your newsletter! You must be doing something with ham "radio".

Enjoy your read!!!!!!!!!!!!!!!!!!!!!!



Jim DiTucci's Obit FYI in the last newsletter.



James C. DiTucci sadly passed away on February 5, 2023 at the age of 70. He is survived by his devoted wife, Sharon, of 49 years; son, Joseph DiTucci; daughters, Katrina (Scott) Zimmerman, Kylie (Andy) Baker, Kira (Tyler) Smith; beloved grandchildren, Jachin and Deacon DiTucci, Addison and Griffin Zimmerman, Evan and Emily Baker; mother, Carmella Cala; sisters, JoAnn (Mark) McQuiston, and Elena Cala; stepbrothers, Perry, Jimmy, Andy, and Marty Cala; uncle, Dan DiTucci; along with many beloved cousins, sister in laws, brother in laws, nieces, nephews, a dear friend and colleague of many years, Jim Stefano, and many great friends from the Rochester Amateur Radio Association.

A celebration of Jim's life will be held Friday, February 24, 2023 at 1:00pm at
Calvary Chapel
2407 S. Union St.
Spencerport, NY 14559