

"DRUMLINS RUMBLINS" - JUNE 2026



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

WEDNESDAY JUNE 17th 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!** (Lately, the broom is keeping the door open.)
[REMEMBER: Bring some \$\$\$\$ for the 50/50!]



PRESIDENT'S KORNER

June! Yea, you have probably heard it on the local news: “**It is June. Can you believe it?**” There seemed to be repetition of this comment on TV by one of the local comedians across the country. One local station was even saying, they were purposely stating this comment to on his night TV show. It did! Hi hi.Cute.

So, yep, it is June. Hee hee. So here I go. **First**, June is our last DARC Wednesday meeting night until September after the busy two months of official summer. This gives DARC members a time for “...getting out of Dodge” or respite from duties, a recharge, if you wish to say. I am just being truthful.



Second, do not forget the August DARC picnic! KC2TNJ I know will have the date and time tacked down and will send notification of it. Look for that email when it is sent out. The Rumblins Drumblins editor gets really lazy with no summer newsletter for that two month. So don't depend on reminders from that “lazy” editor. (Hi hi.) Make sure you respond timely to KC2TNJ, Rich. The picnic is monetarily free, paid with our DARC 50/50 drawing at our Wednesday meeting nights. **You are asked to bring a dessert.** The dessert doesn't need be too fancy or big as there are more than enough desserts to satisfy everyone. (Your “sweet-tooth” President can attest to this.)

Third, we look forward to the summer not “swooshing” to fast away. Enjoy. Have fun with family and friends.

We'll see you in September. (Shhhhh. I say that quietly so the “electronic gods” don't hear that. Hi hi.) 88 & 73, Me



RACES-ARES JUNE 2026



NO WARECS NET JUNE 21st- FOR FATHER'S DAY SUNDAY!

DON'T FORGET TO **READ BELOW** the various **PUBLIC SERVICE EVENTS** from KB2NCI **STARTING JUNE 19th**.

DARC members with **RACES** badges, you should have received an email from George Bastedo dated June 12, 2026 at 9:18AM referring to the GINNA upcoming **AUGUST 25TH STATE** and the **OCTOBER 6TH FEMA** Evaluated EXERCISES.

Please keep this email on file and of course do the recommended activity. I tried the activity and successfully succeeded. Pretty good success story for "Computer Dodo" Dave on the first try. Hi hi. If any problems on your try, you have to contact George. (I am always thank you the "electronic gods" are working for me. I don't know how I manage to do "computer" things to my PCs but KC2TNJ just brought back my one laptop to life which somehow the boot screen screamed "kaput." Embarrassing.

Once this month of June is out of the way on the frig calendar, I will set up a time to talk with George and Aimee Philips about the exercises and the HAB (Hostile Action-Based) scenario. I'll get back to you by email.

GINNA is our primary mission with RACES as a ARRL club. We do a lot of ARES activities through the year, especially in the spring, summer and fall. You see the list of help needed in each newsletter that KB2NCI reminds us for. Winter is our slow period despite our wintery winters. We are blessed with normally few natural disasters in the other three seasons which usually are very localized and small compared to the rest of the country. On the WARECS net after the usual "...are there any emergency or priority messages.," before the routine message starts, there are seconds of silence before the NCS proceeds. I quite often comment how I am glad for that silence. Oh, we have our summer and winter SKYWARN trainings we renew but decides the solar eclipse and "Sandy" (When and what were they?), our RACES is pretty dull. I am not joking! We are fortunate. So, the Ginna exercises are extremely important for RACES to support, period!!!!!! **RACES is the primary communications for Ginna!**

Of course, I continue to ask for more RACES help. This is another plea for you fence sitters and I put on my "guilt trip" plea asking nicely-**please volunteer**. This is a sacrifice of time. We try to keep training to the shortest possible. In actuality, you are licensed amateur operators with a "ticket," you know already the basics. Only the specifics need only to be trained.

88 & 73, Dave Wayne RO/EC



A special **TNX to KB2FSB-Lloyd** for helping me with several WARECS nets on a "last minute" request. The XYL and I have been under the WX lately with this "cough nasal drip" thing going around. "Talks to Much" has even stayed out of the 715 repeater 7:30am net with persistent laryngitis and cough going into my third week. The "doc" said it takes 6-8 weeks to rid the damned thing. My vocal cords have always been my weak spot with teaching and singing. Two doc visits, luckily, it is not in the upper or lower chest. Me not talking? You got your wishes, finally. Hi hi.

SPEAKING OF RACES A PARTY INVITE form GEORGE BASTEDO

ABBY WAHL RETIREMENT INVITATION !!!



After 37 incredible years of dedication, hard work, and invaluable service to Wayne County, our wonderful **Account Clerk, Abby Wahl**, is retiring!

Please join us to celebrate Abby's remarkable career, share your favorite memories, and wish her the very best in her next chapter.

Event Details:

- Date: **June 25, 2026**
- Time: **1:00 PM – 4:00 PM**
- **Special Presentations: 2:00 PM**
- Location: **Wayne County Emergency Management Training Room**

Light refreshments will be served. If you would like to contribute to a group gift or sign her retirement card, please stop by Renee Maybee's office in Emergency Management by Thursday, June 18, 2026.

If you are going to stop by, please **RSVP** to Renee Maybee at rmaybee@waynecountyny.gov

We hope to see you there to give Abby the grand send-off she deserves!

Please feel free to forward this invitation to anyone else that you think might like to attend.

Best regards,

George Bastedo, CEM

Director, Office of Disaster Preparedness

ABBY HAS BEEN OUR FAITHFUL CONTACT AND "CHIEF BOTTLE WASHER" FOR PASSING ALONG OUR CONCERNS AND COMMUNICATIONS WITH THE EMO FOR RACES!!!! **KB2KBY** will be there to represent **RACES** but we other **RACES** Ops can attend. **Good for you, Abby**. The Drumlins ARC members are happy for you!!!! **88's** (Hugs & kisses in Morse code)



WE ANNUALLY HAVE FIELD DAY WITH OUR SIARC FRIENDS-PLEASE HELP!!

Drumlins & SIARC members,

Tom KB2NCI... please forward to SIARC members

We're 5 weeks away from Field Day 2026 at the

Big M Club, 1549 County Road 43, Clifton Springs, NY 14432

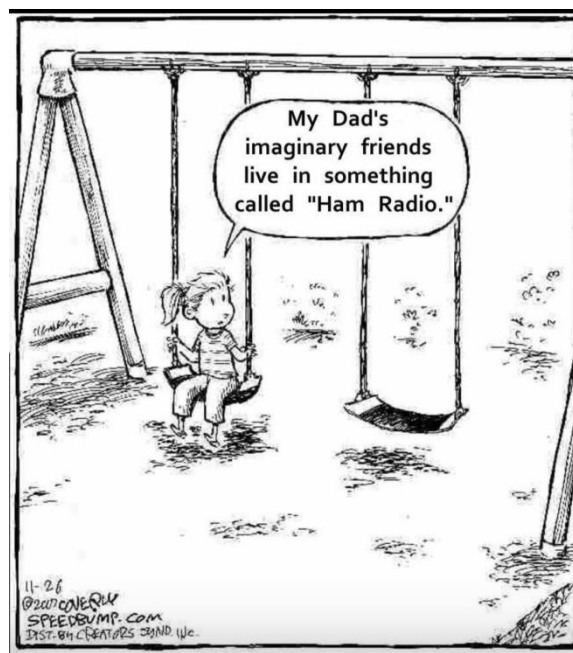
I'm working on supplies and food.

BUT we're going to **need at least 8 people** to setup the 40ft military mast.

Please let me-RICH- know if you're planning on attending Field Day and helping setup on Saturday June 27th at 10am.

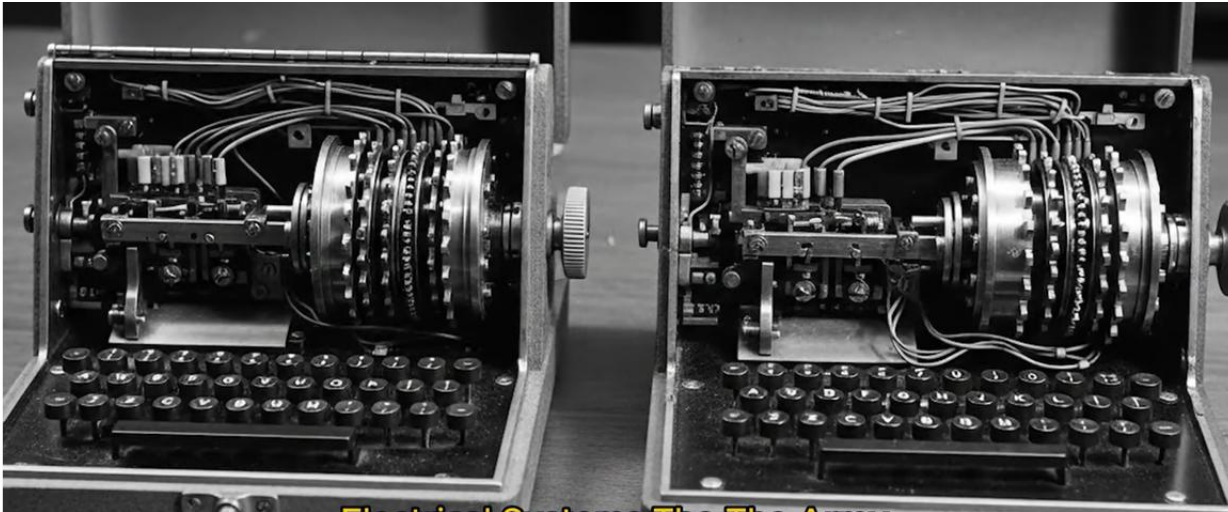
BREAKFAST START: We're planning on meeting at 8am at the OLD Country Side Restaurant now **Country Vibe** next to Tops (Rt 96 Clifton Springs) for breakfast before setup.

73 Rich kc2tnj tinker@rochester.rr.com



JUNE PROGRAM:

The 15-Rotor Cipher That Defeated Every Codebreaker in World War 2 | SIGABA

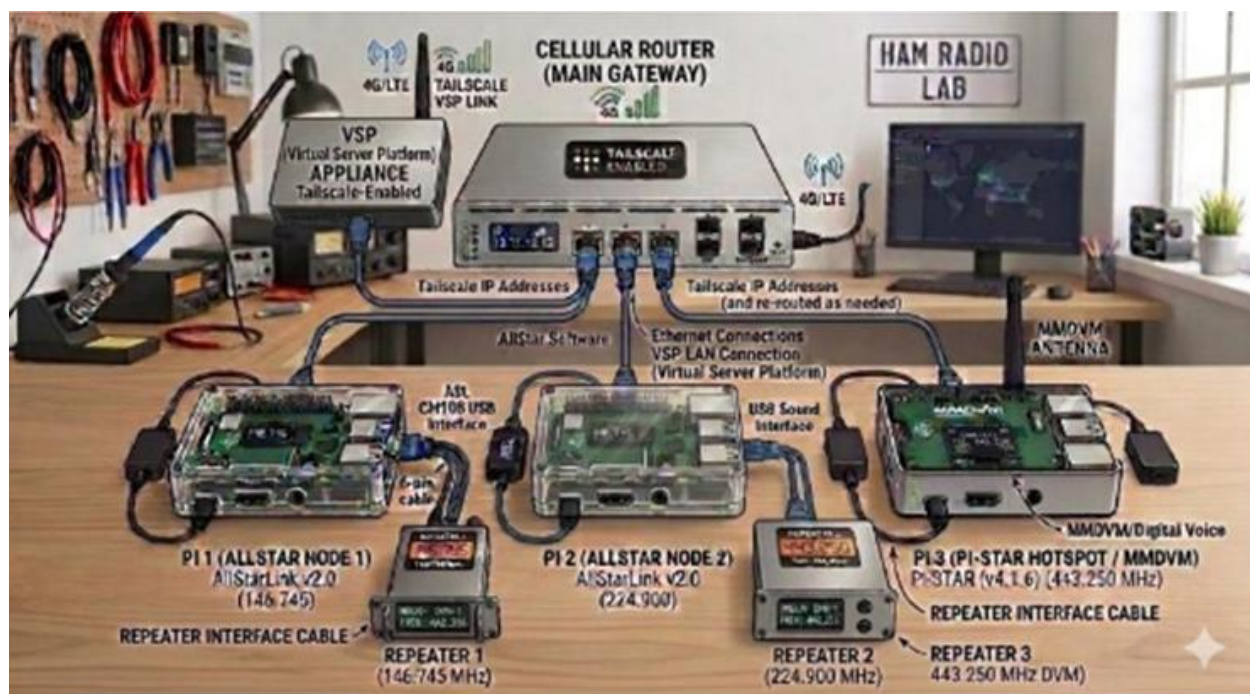


While Axis cryptanalysts were breaking enemy ciphers across Europe, American engineers quietly deployed a machine so advanced it remains the only major World War II cipher never broken. Known as SIGABA (ECM Mark II), this U.S. Army encryption system used 15 interlinked rotors to eliminate the predictable patterns that doomed machines like Enigma. Developed under William F. Friedman and the U.S. Signal Intelligence Service, SIGABA introduced a separate control-rotor system that randomized encryption paths in real time. By 1943, it was securing the highest-level Allied communications across the global war. This episode of military history explores the engineering logic behind SIGABA, why Axis code breaking efforts failed, and how its design principles still influence modern military communications, signal intelligence, and secure systems today.



146.685- Has been working well, good coverage in the north. The internet is down to the hill as I am doing work on my tower at my QTH. I replaced lift cables and straitened 2 ft of the 3rd section that had always been bent since I bought it. I also modified my 6m Hygain 6el beam, to a LFA design from Cushcraft. This uses a folded loop concept which makes the yagi low noise and hopefully a 3 db increase. Also am able to get my 10ghz dish away from the 6m yagi by rearranging placement on the mast.

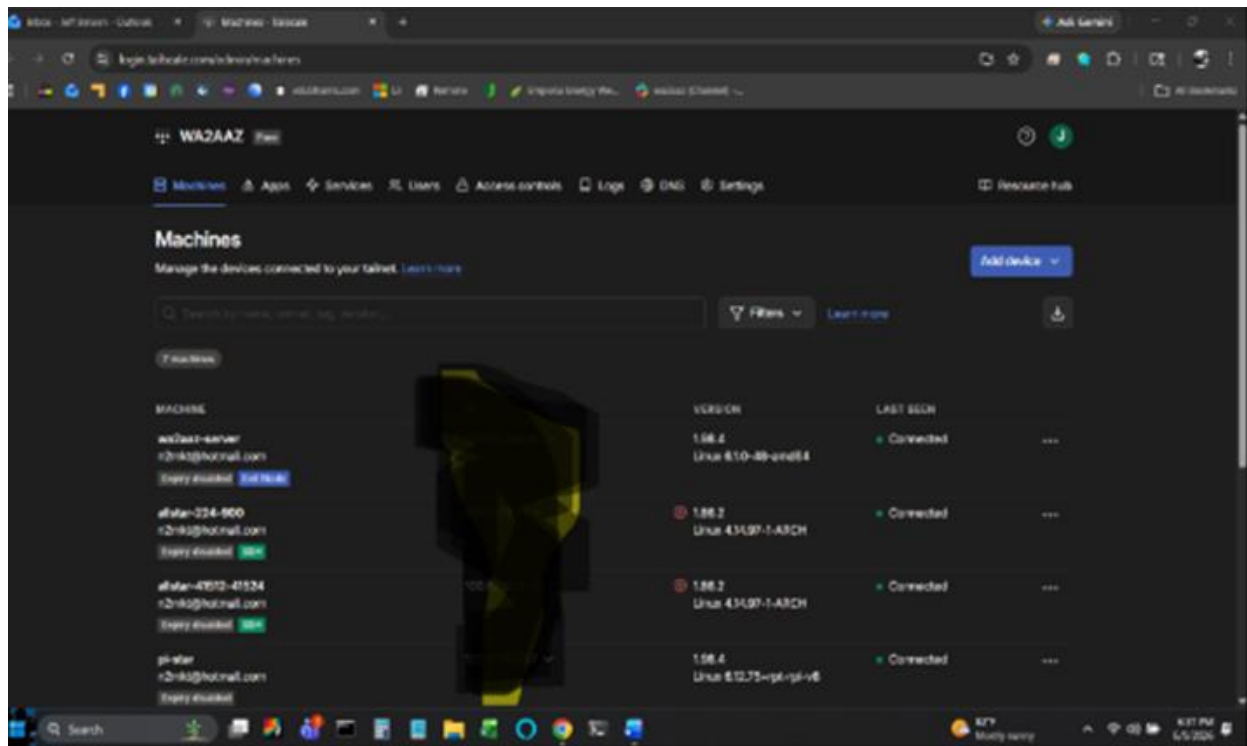
146.745- So, over the past 3 weeks we (Justin, Steve and myself) have been working to get the internet backup at the site. We are successful. Only 3 trips to the site to fix lockout conditions. The **AI picture** is kind of a representation of the system. I was having argument with AI to draw a 3rd repeater but it just would not listen lol. To get around the commercial grade-NAT we needed to get a virtual server that is open to a public IP. The VSP is cloud-based servers that keep inbound ports open to our router in a virtual network. The VSP also acts like a fire wall/ and is called an exit-node. The virtual network is called Tailscale and you can add as many linux/windows/ Android devices to tail scale. The **second picture** shows the tailscale connected to all the devices. Each raspberry pi runs client software on it. The tailscale network uses IP address on the 10.x.x.x.I have highlighted the IP's out for security reasons. We had some trouble running Echolink but ended up using a proxy server connection to get that to work. All in all it was a little more work to get going then I had expected, but it was very educational networking wise. I thank Justin for his firewall/iptables knowledge. We worked together using SLACK to communicate. Steve for testing and his knowledge working with tailscale etc. Additionally, I modified the router to add sma connectors to it and added external antenna to the shed, that brought the SNR from 0 to 11, or 1mbs to 30mbs. Also we had to adjust the MTU from 1500 to 1200, as we were dropping packets all over the shed.



224.900- Working well, and hope the Friday Net can continue now that the internet is back.

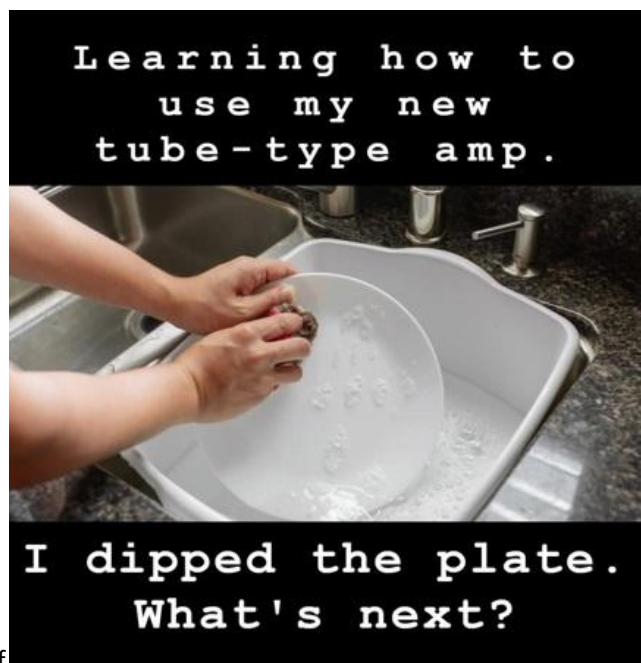
444.750- has a really good footprint. We are planning to update the digital side of the repeater. The URDC board is 10 years old and is no longer being supported. Wires-X has a hard time staying up. So I'd like to replace the URDC board with a Repeater builders v5 modem board and make the machine a pistar also. We will be working on this after my tower is up. If anyone is interested in learning how to build this setup or help with the repeaters get with me, or Steve.

443.250- pistar is online and the dashboard is working on the Drumlins page under repeaters.



Additionally, Newark has the whole area around the shed all dug up. I'm not sure if they are doing electrical work, maybe tying generator into sheds or what. When I find out I'll report back.

Editor's note: Jeff, you are amazing, as well as Steve, explaining all the above and especially the AI rendition of what the entire "goings on" is. My simple CW brain is able to understand it enough with my "on off" gray cell technology. Hi hi. Well done. (W2WBD, KC2TNJ, N2IZV and KA1CNF, I thank you for answering my email request for a good copy of Jeff's report! Mine was corrupted and looked like a Pre-K kid with a typewriter typing look. Between you three I got everything needed. TNX, especially you, Walter! What a surprise to see your email from the North Country.)



Remember this stuff from the Novice test?

Mammoth March returns to Letchworth State Park. Hams needed for safety comms.

Monroe County ARES/RACES is coordinating comms at Mammoth March, Jon Dickason,

N2JAC is the lead. Rochester Amateur Radio Assoc is again working closely to help with staffing and we need a few more hams to fill some gaps. I can be contacted for information as well.

Please forward/distribute to your members. Perhaps someone will be interested in this event. We have fun with it each year. Mammoth March is a popular series of challenging hikes around the USA. **August 8th** will be a 20-mile, 8-hour hike in Letchworth Park, the 'Grand Canyon of the east'. Radio teams will be at water and safety checkpoints throughout the park. Cell phone coverage is spotty, so radio coverage is required by the park for events like this. Radio experience is not required and even if you don't have your license, yet we can use your help. For our own safety we deploy in teams, so you'll be paired with an experienced ham to show you how to log and talk on the net. This is a perfect way to practice our skills in a challenging environment like we might encounter in a possible disaster situation.

Please sign up and find info on the Rochester Amateur Radio Assoc

Website https://www.rochesterham.org/public_service.htm

Rich Bishopp, KD2UBJ President, Rochester Amateur Radio Assoc

president@rochesterham.org



Especially, I did this one for N0EK. Hi hi.

HOW TO HANDLE A URL IS A RADIOGRAM: email from WB2VMR

To handle a URL in a radiogram, spell out special characters, replace periods with the word "DOT," and treat it as a series of distinct word groups in the text, ensuring it is clearly readable over voice or digital modes. Use "SPACE" if necessary for complex paths, and ensure the URL is included in the total message count (Check).

Here is the standard approach to handling URLs:

- **Punctuation Spelling:** Replace . with **DOT**, / with **SLASH**, : with **COLON**, and @ with **AT SIGN**.

- **Word Grouping:** Treat the URL as a string of words (groups) for the message count.
- **Example Transformation:**

I sent this to Ontario County RACES and forgot to include you since you send the digital messages for WARC.

All repeaters have a small delay before they start transmitting upon receiving a signal. When sending fldigi with a TxID it may not get fully transmitted if this delay is too long and thus the receive station will not get a good RxID. A **fix** for this is as follows:

In fldigi go to Configure

Go to Configure Dialog

Go to IDs

In the lower left is a window called "Pre-signal Tone

Set the time for 1 sec

This will send a 1 sec tone before the TxID is sent and should allow the Repeater to come up not truncating the TxID

73's Steve Benton WB2VMR

[**TNX, Steve.** I did my "homework" on this and completed it on my FIDigi laptops.]



This is no joke for my ASA and NSA days.

When asked about the National Security Agency or what the NSA was, the local joke was NSA stood for

No Such Agency

SIARC HEALTH and WELFARE NET: NOW OVER 1,500 NETS-CONGRATS !!!!!



STILL GOING STRONG!!!!. Kudos, Tom! Get acquainted with some of our

SIARC friends and the surrounding counties. **Thank you, Tom, for being so patient and sacrificing your time.** (Tom's **XYL** is a saint with his "radio.")

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 SECOND Wednesday of the month, the SIARC meeting night, there is no net.**

Odd and Ends: (TNX, Tom, for your help.) ALSO, IF YOU HAVE HELPED WITH ANY OF THESE EVENTS, PLEASE, TELL ME.

<https://www.contestcalendar.com/fivewkcal.php> will give you all you do! Whew.

The **New York State RACES net** is held each Sunday morning at 9am on 7281khz LSB and members are always welcome to check in and get more training on HF net operations. The net follows the same procedures that our weekly nets do. A digital message is sent afterwards on 7081.5kHz USB using Olivia 8-500, MFSK 32 and Thor 22. Forty meters has worked very well, so for the time being, the net will remain there. We are in Region 5 (check in is by region) and we are always very well represented. Give it a try! NYS RACES is also doing testing on 60 meters. It is a great band for these regional communications, so all members should have that capability. For more information on RACES, go to [Radio Amateur Civil Emergency Service \(RACES\) | Division of Homeland Security and Emergency Services](#)

More info from KB2NCI: The following is a list of digital HF nets you can listen and check into. Thanks to Paul KD2DO for this information.

Here are the digital nets in our area that you can listen into and now join.

*** MID-ATLANTIC Net: @ 1000L Sunday morning on 7.068 MHz USB.

*** NJ NBEMS Net: @ 0900L Sunday morning on 3.582 MHz USB.

*** NH NBEMS Net: @ 0700L Saturday morning on 3.582 MHz USB.

*** NY NBEMS Net: @ 0800L Saturday morning on 3.583 MHz USB.

*** US East NBEMS: @ 1900L Wednesday evening on 3.536 MHz USB.

*** MIDTN Net: Tues, Thurs & Sat 1930L on 3.582.5 MHz USB.

and for a change of pace

Feld Hell 30m net, Wed 2000 ET on 10.1410, FSKH105

Feld Hell 40m net, Thu 2100 ET on 7.0890, FSKH105

Feld Hell 80m net, Fri 2200 ET on 3.5835, FSKH105

Be sure your TxID and RxID buttons are activated and green on FLDIGI, to follow the mode used.

A **new emergency and weather alert system** is now **available for New Yorkers**. Through the free 333111 system, you'll receive text alerts from the New York State Division of Homeland Security and Emergency Services about severe weather, significant power outages and shelter locations in your area. To receive these alerts, text 333111 and the county you wish to receive the alerts for (do not add the word "county" or any spaces or punctuation). You can add more than one county. If you are already signed up for NYALERT, you are all set. They will be the same messages. If you no longer wish to receive these messages, text STOP to 333111.

The International Amateur Radio Union (IARU) has designated **14.300Mhz as a worldwide center of activity frequency for emergency traffic**. There are two nets that run from 7am to 10pm eastern time daily. The **Intercontinental Amateur Traffic Net**, aka Intercon, (www.intercontinentalnet.org) operates from 7am to noon and the **Maritime Mobile Services Net** (www.mmsn.org) operates daily from 12pm to 10pm ET. Please keep these frequencies clear during times of need and net times. Listen in for some interesting conversations. During Atlantic hurricane season (June 1 to November 30), you can find some interesting traffic from the **Hurricane Watch Net (hwn.org) on 14.325Mhz** days and 7.268Mhz nights, when a hurricane is within 300 miles of land.



PUBLIC SERVICE EVENTS 2026 from Tom KB2NCI

You all have either helped me with public service events in the past or expressed a desire to help. If you no longer wish to be on my list for these, let me know and I will delete you. Thanks for your consideration.

I am beginning to assemble the teams for the public service events that I have the pleasure to lead for 2026. Please consider volunteering for as many as you can so we can provide the level of safety and course communications that we have become known for. Having access to a hand held and mobile radio is helpful for all events, and I have a small supply of those to loan out if necessary. These are the events and dates I am aware of at this time:

Friday June 19 (I think)—Parade for the Shortsville Fire Department Carnival—we are usually there from 4pm to 8pm

Sunday July 12—Ironman Musselman 70.3—Geneva and Seneca County—shifts run from 6am to 3pm

Saturday August 1—Phelps Sauerkraut Festival “Krauter” races—Phelps—shifts run from 6:30am to noon

Sunday September 13 (I think)—Finger Lakes Triathlon—Canandaigua and Ontario County—shifts from 6:30am to 2pm

Friday and Saturday, October 30 and 31—Pumpkin Patrol on the Thruway overpasses—8pm to midnight—Dave KB2KBY organizes this

I will be contacting some of you directly to inquire if you can cover similar posts and times as last year.

Thanks so much for your consideration in volunteering to help with these events. Contact TOM KB2NCI if you have questions and let me know if you can help.



I am afraid this is too true. May I missed the DARC meeting because of family obligations. Making Memories with our grandkids and kids is priority number one. My apologies, but I must miss the June meeting as well. May 28th, I had to go to the Emergency at Canandaigua. During our stay for almost 11 hours, Jan and I got this “cough nasal drip” thingy as described above. (&*&@(^@!!!) Also, in the meantime with a gastro doc visit, I have to have a “rotor-rooter” job this Thursday which means the prep for Wednesday. This was the soonest we could get a date. I have been doing these lovely “jobs” since I was 35 years old and the results have always been “squeaky clean.” The XYL is concerned, naturally. I think I had an internal hemorrhoid burst on May 28th. I ask for “good signals” for that day for both of us, especially the XYL. I’ll let you know the results. Again, I emphasize, I hope DARC members can attend meetings, functions, fun, and obligations whenever life comes your way. (My apologies for those who think I “talk to much,” but I always lay the cards out to see. I’m no poker face.)



This is enough for the editor for this month. TNX for all this sent this month to me.



Gotta end on a funny note!