



Skenoh Island Amateur Radio Club

Since October 7, 1953

Smoke Signal

April 2024

www.siarc.us

Welcome to April and warmer days!?! Well, don't get too anxious; rain and snow showers are predicted for later this week. But better days will get here, won't they?

Our next meeting will be on Wednesday, April 10, 2024, at 7:30pm at the Safety Training Center, 2914 CR 48, Canandaigua. All are welcome. Our program will be presented by my son, Matthew, who is a meteorologist and is titled "Meteorology in the Middle of Nowhere, USA. What it takes to record Weather in South Dakota". He works for the South Dakota State University Mesonet Department and installs and maintains stations there. There is a link on the SIARC website for the New York Mesonet system you can check out beforehand.

We continue to hold the **Health and Welfare net** on the K2BWK 146.820- (110.9) repeater at 8pm, Monday through Friday, (except club meeting nights) so there is ample opportunity to catch up with your friends. We just had net #1003 Friday. We hit net #1000 on March 26, a few days after our 4 year anniversary on March 17. Paul, AA2AV, has prepared an article for QST about the net. We hope it will be published in the next few months. Thank you to all who have checked in over the last 4 years. I hope you all can

check in.



Past Events

The program in March was the National Weather Service Skywarn Training, given by Jon Hitchcock. We had a good turn out of club members and a few folks from the public. Jon did a great job and I heard positive comments.

I know a couple of our folks have been doing some Parks on the Air activations and operating from your outdoor sites, any reports on the fun you are having? We would all be very interested in hearing from you!

Any interesting or unusual contacts made? What have you been doing with amateur radio? Build anything interesting? Let me know and I can publicize it. And you can always show it off by doing a little program for the club. Any new radios or equipment in your inventory?

Upcoming Events

The new Yaesu Repeater has arrived and is in the process of being programmed and installed at the VA tower in the next few months. We will keep the current repeater on site in case it is needed.

The **next Laurel VE Testing Session** will be on May 8, 2024. The session will begin at 6:30pm. Thank you to Sabrina WD2STK and her team of dedicated volunteer examiners. You provide a great service to the ham radio community. She will need VEs to help administer the exams, so please contact her if you can help. See the SIARC website, Exam page, for details.

Our next SIARC breakfast will be on Saturday, May 4, 2024 at 8am at the Villager Restaurant, 245 S. Main St, Canandaigua. All are welcome.

Upcoming Contests and Special Events this month include: Worldwide Sideband Activity Contest (Tuesday evenings of the month), Solar Eclipse QSO Party, 222mHz Spring Sprint, ARRL SSB Rookie Roundup, QSO parties in Georgia, Louisiana, Mississippi, Missouri, New Mexico, Nebraska, Michigan, Ontario, North Dakota, Quebec, Florida, State Parks on the Air in Georgia, Florida, Texas, lots of Parks on the Air stations, and many others. See the April QST pages 75 and 92 and the WA7BNM website www.contestcalendar.com for more information. These events are a great way to build up your DXCC, WAS and other scores for stations worked. And they are fun!

I have started to solicit operators for the 2024 public service events and I look forward to hearing from and working with all of you. If you don't get an email from me and want to help, please contact me directly. (kb2nci@gmail.com)

Upcoming Public Service activities for 2024 (as of this date):

Wild Water Derby, Shortsville, Saturday, April 27

Seneca 7 Relay Run around Seneca Lake, Sunday, April 28 (new event for us)

Tour De Cure, June 8 (new route into Ontario County), coordinated by RARA

Shortsville Fire Department Parade, June 14 (probably)

Musselman Triathlon, Geneva and Seneca County, July 14

Phelps Sauerkraut Festival Krauter, Phelps, August 3 (probably)
Finger Lakes Triathlon, Canandaigua, September 8
Wineglass Marathon, Steuben County, October 6
Pumpkin Patrol, Thruway Bridges, October 30 and 31

We are fortunate to be invited to help with all of these events, so please make time next year to help as much as you can. It provides many opportunities to practice our skills to fulfill our mandate for the Amateur Radio Service from the FCC.

The Shortsville Fire Department will be doing water training on the Outlet on Mondays in April. More information will be out as I receive it. This is in preparation for the Wild Water Derby on April 27. We are welcome to come and observe

The **Drumlins Hamfest** is scheduled for Saturday, April 20, 2024 at the Palmyra VFW on SR 31. Add the date to your calendar so you can support our friends in Wayne County. SIARC will provide 2 tables for members to sell from.

The fourth weekend in June (22 and 23) is **ARRL Field Day 2024**. It was decided in January to join Drumlins at the Big M Gun Club in Clifton Springs this year. More information will come out in the coming weeks, so set the weekend aside to join us. Our event is posted on the ARRL Field Day Locator. (I have reserved the EOC grounds and Room 1 for us to use as a backup but will cancel later.)
We can talk vote on a Club subsidy for a Field Day shirt during the April meeting.

Learn It, Build It, Fix It (LIBIFI) Classes are opportunities for adults to learn about vacuum tube technology while building and/or repairing their equipment. For over half a decade, the AWA Educational Institute has been the premier source of hands-on technical education designed for Do It Yourself (DIY) electronics enthusiasts.

[2024 AWA LearnitBuilditFixit Classes](#)

The **Antique Wireless Association** is working on a project to bring amateur radio and all of its fun to school age children by constructing a portable station that could be taken to the students. They are looking for any interested parties to help with this project. Below are their goals for the program:

Goal: To introduce and educate children about communication technologies as a component of STEM (Science, Technology, Engineering, and Mathematics) by:

- a. Constructing a self-contained, portable amateur radio station transportable in an enclosed cargo trailer for the purpose of educating and demonstrating to children the basics of wireless communications during good times and in emergencies; and
- b. Supporting a special effort to reach out to our region's underserved rural communities; and
- c. Facilitating visits to schools, scouts, libraries, camps, homeschool groups, fairs and public service events; and
- d. Supporting AWA's educational outreach efforts, which extend well beyond the AWA campus.

If you are interested, please contact Bob Hobday at president@antiquewireless.org

I was informed that the course for the **2024 Tour De Cure** has been changed and will come down into Ontario County, around Canandaigua Lake and be based out of Finger Lakes Community College. I am hopeful we can increase our participation as a club for the June 8th event.

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

Thank you to the Ontario County Emergency Management Office for its continued support.

"Ontario County RACES will be deploying on April 8th for the Solar Eclipse. Radio operators will be sent to 3 county Hospitals, the county 911 center, and various locations along the New York State Thruway in Ontario County. Two Command Posts (Net Controls) will be set up, one in the Emergency Operations Center in Hopewell and one in the City Hall in Geneva. Operations are scheduled to begin at 1000 and run to ~1700. Operations will be on HF, VHF, and UHF voice and digital messaging. HF and VHF Winlink will also be used. If you have any questions please contact:"

Steve Benton

WB2VMR

Ontario County RACES

Radio Officer

ARES Emergency Coordinator

sbenton2@rochester.rr.com

The next **RACES meeting** will be held on Saturday, April 6, 2024 at 9am in the Safety Training Center. All RACES members are encouraged and welcome to attend if possible. This meeting will mainly cover our preparation for the upcoming Eclipse call out on Monday April 8, and we will be doing some antenna work for WinLink. Please respond back to Steve WB2VMR whether or not you can help out that day. If you are interested in joining ARES/RACES, please attend or contact us as well.

I encourage all of you to check into our **weekly RACES/ARES nets**, which are on Sundays at 8pm (except around holidays) (you are invited to check into any other net also) and practice those skills that someday you may be called upon to use. They are held on the W2ONT 145.450- (pl 110.9) repeater. We are also looking for additional stations to practice being Net Control and Assistant Net Control. In the event we are called out, having experience as Net Control will be very beneficial. We will be migrating to a more digital usage for the nets. Use of FLDIGI and MT63 will be very important for our mission to assist the Emergency Management Office. If you have ANY questions, feel free to contact me at kb2nci@gmail.com or 585-924-0752. If you are not a member and would like to become one, please contact me or our Radio Officer, Steve WB2VMR. And please let me know if you have a change in contact information. We need to keep the roster as current as possible.

The **New York State RACES net** is held each Sunday morning at 9am on 3993.5khz LSB and members are always welcome and to get some more training on HF net operations. The net follows the same procedures that our weekly nets do. A digital message is sent afterwards on 3583.5kHz USB using Olivia 8-500, MFSK 32 and Thor 22. We are in Region 5 (check in is by region) and we are always very well represented. Give it a try!

Monitor the W2ONT 145.450 repeater in times of severe weather or area wide power outages. And if you do not hear anyone, start up an informal ARES net.

To receive emails on a national basis for ARES, ARRL members can subscribe to the ARES Letter by going to the ARRL website, Public Service tab, ARES tab, ARES Letter and then "How to Subscribe". It is a very informative publication.

Odd and Ends

Congratulations to Keith WA2OFF on attaining his General class license. Way to go Keith!

At the last testing session in March, there were 12 examinees and several new Technicians and Generals were licensed. Congratulations to all. Also, thank you to Sabrina and her team for helping grow the hobby.

Doug KD2LGE has done some investigating and was able to have a local shop in Victor rework our logo to show the name Skenoh and he ordered a shirt and hat with the updated patch. The price for a shirt with the patch and your name and call sign embroidered will be around \$30. If Doug can make it to the April meeting, he will have more details. So, more information will be forthcoming.

ARLB007 FCC to Require Two Factor Authentication for CORES Users

The Federal Communications Commission (FCC) has announced an upcoming change to the Commission Registration System (CORES) that licensees use to pay any application or regulatory fees, manage or reset a password on an existing FRN, or request a new FRN. Beginning March 29, 2024, multifactor authentication will be implemented.

Users will be prompted to request a six-digit secondary verification code, which will be sent to the email address(es) associated with each username. The user will then need to enter the code into CORES before they can continue.

In a public notice, the FCC said this change will make the system more secure. "This additional layer of security will further safeguard against unauthorized access, thereby enhancing the overall integrity of information contained within the CORES system and improving the security of user data," it read.

The Public Notice can be found in PDF format at, <https://docs.fcc.gov/public/attachments/DA-24-219A1.pdf>.

The FCC recommends that users confirm they have access to their username account email and to add a secondary email address, if need be.

Resources are available for those who need assistance with the system. For inquiries or assistance regarding the implementation of multifactor authentication on CORES, submit a help request at <https://www.fcc.gov/wtbhelp>, or call the FCC at 877-480-3201 (Monday through Friday, 8 AM to 6 PM ET).

NNNN

/EX From the ARRL Letter 3-22-2024.

International Marconi Day 2024

03/22/2024

This year, International Marconi Day (IMD) is on April 27. Italian inventor and electrical engineer Guglielmo Giovanni Maria Marconi was born on April 25, 1874, and is credited for inventing the radiotelegraph system, creating Marconi's law, and sending the first wireless transmission over the open sea.

IMD was created to honor Marconi and is hosted annually by the [Cornish Radio Amateur Club](#), GX4CRC. The purpose of the day is for amateur radio enthusiasts around the world to contact historic Marconi sites using communication techniques similar to those that he would have used.

The 24-hour event will operate from 0000 UTC to 2359 UTC, and registration is required. Participants can register at [GX4CRC's registration web page](#).

Stations in the United States, including Marconi Cape Cod Radio Club, KM1CC, in Massachusetts, are already registering for the event. KM1CC hosts several on-air events each year to keep the accomplishments and story of Marconi and his wireless station site in South Wellfleet alive. In 1975, the Wellfleet station was listed as a National Historic Landmark on the National Register of Historic Places and is now part of Cape Cod National Seashore, a unit of the National Park Service. When possible, KM1CC sets up a temporary radio station inside the park. More information about KM1CC is available on their [Facebook](#) page.

World Amateur Radio Day is April 18, 2024

03/29/2024

[World Amateur Radio Day](#) (WARD) is celebrated each year on April 18.

The theme for 2024 is, "A Century of Connections: Celebrating 100 Years of Amateur Radio Innovation, Community, and Advocacy." The global event covers all of the [International Amateur Radio Union](#) (IARU) regions and spans 2 days: Thursday, April 18, 2024, 0000 UTC to Friday, April 19, 2024, 0000 UTC.

On April 18, 1925, the IARU was formed in Paris and will celebrate its centenary in 2025. American Radio Relay League (ARRL) Co-Founder Hiram Percy Maxim was the organization's first president.

All radio amateurs are invited to take to the airwaves to enjoy the global friendship with other amateurs and to show their skills and capabilities to the public. WARD is not a contest but rather an opportunity to talk about the value of amateur radio to the public and fellow amateur colleagues. It is also a great opportunity to talk about local radio clubs and amateur radio in local media as a lead-up to [ARRL Field Day](#), which is held each year during the fourth full weekend in June. You can also promote your personal WARD activities on social media platforms like X and Facebook by using the hashtag #WorldAmateurRadioDay.

For more ideas and information, visit [World Amateur Radio Day \(arrl.org\)](https://www.arrl.org/world-amateur-radio-day).

ALL HAMS AND THEIR FAMILIES ARE WELCOME.

08 JUNE 2024

1PM-8PM



50/50 RAFFLE, PRIZES, AND MORE

ADMISSION - \$15.00 (CASH ONLY)

PAY ON ARRIVAL

RSVP TO ECRMG@W2RBC.COM

HOT DOGS, HAMBURGERS, AND MORE AT 3-6PM

SNACKS, POP AND BOTTLED WATER THROUGHOUT THE DAY.

TRUNK SALES

HF STATION ONSITE

TALK: 146.520 (SIMPLEX)

DON'T FORGET YOUR LAWN CHAIR!

DIRECTIONS FROM BUFFALO NIAGARA INTERNATIONAL AIRPORT

TAKE I-90 W AND US-219 S TO NEW ARMOR DUELLS RD/NEW ARMOUR RD IN ORCHARD PARK.

TAKE THE EXIT TOWARD NY-240/NY277/ARMOR DUELLS RD/CHESTNUT RIDGE PARK

FROM US-219 S TAKE NY-277 S TO YOUR DESTINATION

MORE INFO ON
EASTCOASTREFLECTOR.COM



W2ECR

EAST COAST REFLECTOR

MARTIN LODGE SHELTER, CHESTNUT RIDGE PARK

6121 CHESTNUT RIDGE ROAD

ORCHARD PARK, NY 14127

COORDINATES: 42.7136' N, -78.7439' W

BIT.LY/ECRPARTY

To gain some more knowledge on Matching Networks, see Rich WB2JLR's article in the March/April issue of QEX magazine pages 19-21 entitled: Add Matching Networks, Attenuator Pads and Transformers [QEX \(pagesuite.com\)](https://pagesuite.com). Way to go Rich!

Amateur Radio Operators Needed for Help with Solar Eclipse Project

The [Case Amateur Radio Club, W8EDU](https://w8edu.wordpress.com), the club station at Case Western Reserve University in Cleveland, Ohio, is asking for amateur radio operators to help with a research project centered around the April 8, 2024, solar eclipse.

W8EDU club member Adam Goodman, W7OKE, said the project centers around studying the effects of the eclipse on propagation to better understand the recombination time of the ionosphere.

"To do this, we are recruiting North American amateur stations interested in recording the Canadian time standard station CHU (Canada's WWV) for two weeks surrounding the eclipse," added Goodman. "Anyone with a [KiwiSDR](https://www.kiwisdr.com) or a rig that can interface with analysis/recording software such as [Fldigi](https://www.fldigi.org) is encouraged to reach out to us to participate."



W8EDU club member and project software manager Maris Usis, KE8TXG, said that while the software is simple to use, there is some detailed work involved. "We can help make it easier and there are good online instructions as well," said Usis.

All of the participation details are on the club's website at <https://w8edu.wordpress.com/chu-eclipse-data-collection/>.

W8EDU club faculty advisor David Kazdan, AD8Y, said the research project has received positive attention from the [ARRL Collegiate Amateur Radio Program](https://www.arrl.org/collegiate-amateur-radio-program) community, the Ham Radio Science Citizen Investigation ([HamSCI](https://www.hamsci.org)) community, and Case Western Reserve University's engineering deans. "It is already a truly international effort, and we are collaborating with more than 20 stations across the continent, from collegiate and high school stations, to a representative from the Radio Amateurs of Canada, to a station in Mexico," said Kazdan.

The [2024 solar eclipse](https://www.nasa.gov/solar-eclipse-2024) will over Mexico, the United States, and Canada. ARRL is a partner with HamSCI to help promote this opportunity for radio amateurs to participate in an active science experiment, through the Solar Eclipse QSO Party.

The ARRL Teachers Institute will be holding several sessions this coming summer. See more information below.

Preparation Underway for Severe Spring Weather

The severe weather season (March through May) is fast approaching, and [National Weather Service](https://www.weather.gov) (NWS) offices across the country are getting ready.

Warning Coordination Meteorologist Brandon Peloquin at the Wilmington, Ohio, NWS office said many of the NWS offices across the country meet with partner organizations in the spring to make plans for the weather ahead.

"Amateur radio operators and weather spotters are extremely important, and we could not do what we do without them," he said. "In fact, many of the watches and warnings issued are made because weather spotters provided critical information."



Peloquin said that Doppler radar is a great tool for tracking storms, but weather spotters have a different vantage point and can see things that radar can't.

Severe Weather Awareness Weeks are scheduled by each state and usually occur during March to remind and educate communities about severe weather seasonal threats and how to avoid them. The NWS [SKYWARN®](#) Storm Spotter Program is a volunteer program with almost 400,000 trained severe weather spotters. Spotter training is available at the state level and is offered several times each year, and classes can be found [at this link](#). Every December, NWS and ARRL hold [SKYWARN Recognition Day](#) to honor all SKYWARN storm spotters and amateur radio operators for their contributions during severe weather.

Amateur radio is a strong tool for community resilience during times of severe weather and other emergencies and is useful for public service throughout the year. Those interested in using their license privileges to serve others are encouraged to participate in their local Amateur Radio Emergency Service® (ARES®) groups. Find out how at www.arrl.org/ares.

ARRL Teachers Institute on Wireless Technology



The ARRL Teachers Institute on Wireless Technology is a donor-funded professional development program designed to help classroom teachers elevate their STEM programs through the use of wireless technology. As a part of the ARRL [Education & Technology Program](#), several sessions are conducted each year, and the program continues to grow. Teachers Institute is filled with lectures, hands-on activities, and demonstrations to inspire teachers so they can inspire their students through the use of tools and strategies to introduce basic electronics, radio science, satellite communications, Amateur Radio, radio direction finding (fox hunting), weather science, microcontrollers, and electronic sensors to their students. Teachers are provided with the equipment needed to take wireless technology to their classrooms. If you, or someone you know, would like to support ARRL's mission to elevate STEM programs in schools, click here: [DONATE TODAY](#) or contact the ARRL Development Office at (860)594-0291

2024 Applications and Brochure

Application submission deadline is May 1, 2024 for the Summer 2024 programs and by August 31, 2024 for the October 2024 program. ALL applicants must complete the appropriate full application below. Prospective teachers for TI - 3 will be contacted directly. Click the link for the appropriate application.

[TI - 1 Introduction to Wireless Technology](#)

[TI - 2 Remote Sensing and Data Analysis](#)

Program	Location	Dates
TI - 2	Newington, CT	June 10 - June 14
TI - 1	Newington, CT	June 17 - June 21
TI - 1	Newington, CT	June 24 - June 28
TI - 1	Newington, CT	July 15 - July 19
TI - 2	Newington, CT	July 22 - July 26
TI - 3	Newington, CT	July 29 - Aug 2 ***
TI - 1	Newington, CT	Oct 7 - Oct 11

*** TI- 3 Information Coming Soon

Travel and Reimbursement Guidelines

Cost: Teachers Institute opportunities are virtually free for the participants. The grant to attend a TI covers transportation, hotel, a modest per-diem to cover meals, instructional resources for the electronics, microcontroller, and robotics segments of the course, and a resource library of relevant ARRL publications. There is a \$100 enrollment fee to attend Teachers Institute.

To qualify, applicants must be an active U.S. schoolteacher at an elementary, middle, high school or at a college or university, or in a leadership or enrichment instruction role in an after-school or collective homeschool program. An Amateur Radio license is NOT required for the introductory workshop (TI-1) but IS required for the advanced TI-2 program.

Graduate credits: Graduate credits are available through Fresno Pacific University upon completion of the TI-1 or TI-2 programs. These credits can be used to satisfy professional growth requirements to maintain teaching credentials. The class is self-contained and participants are expected to be able to complete all requirements during the class time. Graduate credit information may then be requested at the end of the Teachers Institute.

NEW! [Teachers Institute Brochure](#)

"Let's Solve This."

Not too long ago ExxonMobil launched a TV ad campaign titled **"Let's Solve This"** with the focus on the need for more investment in teacher training to improve US student performance. The "Let's Solve This" campaign cites research that shows that students that are taught by teachers with a deeper understanding of the subject out-perform those students taught by less capable teachers. Therefore, "we need to invest in our teachers as a means to improved student performance."

There has been a resurgence and aggressive emphasis upon STEM education in response to numerous economic challenges we face from our overseas economic competitors in high technology industries. Now it is being recognized that STEM instruction needs to focus on the **connection** between science and mathematics and engineering and technology, rather than a more compartmentalized focus on these content areas independently. It is the teacher's role to make these connections for students. To do so, teachers need to know the science and math content and understand the technologies in use in sufficient detail to make the connections for their students...thus, now the recognition of the core problem identified in the "Let's Solve This" campaign.



The ARRL ETP has identified this problem and has been doing what we can do to address it by offering the Teachers Institute (TI) over the past 15+ years. From the first pilot TI conducted in 2004, and each year thereafter, this in-service training program supported entirely by generous philanthropic donations, continues to evolve and flourish.

The Teachers Institute is only the beginning of a participant's exploration with wireless technology. The goal of the TI program is to equip each schoolteacher with necessary foundational knowledge, and through hands-on learning, generate the inspiration for teachers to continue to explore wireless technology and adapt relevant content into their classroom instruction.

This training serves as excellent foundational preparation for schoolteachers interested in including classroom learning about radio communications and wireless technology as part of student preparation for participation in the Amateur Radio on the International Space Station (ARISS) program.



- **Teachers Institute Agenda**

Each Teachers Institute covers a core of topics, while tailoring instruction as much as possible... [Read More](#)



- **Meet our Instructors**

Read short bios about our ETP instructors. [Read More](#)



More information

- **Testimonials-**



"Last summer I can proudly exclaim I attended the ARRL Teachers Institute! It was the best four days for a workshop I have experienced in my seven years of teaching. This workshop opened my eyes to how

(Amateur Radio) can be used in everyday classrooms to explain concepts in terms so simple an elementary grade school student could understand them."

"There are so many ways amateur radio can be used in the classroom. Amateur radio encompasses so many disciplines it is difficult to list them all. Everything from teaching space science about planetary orbits and radio propagation to the study of electronic circuits and wave forms can be integrated into course materials. My favorite new toy is the oscilloscope. In the past I have explained frequency, wavelength, square waves, and sine waves by drawing them on the board. Better is to use an oscilloscope and a signal generator to show and play frequencies demonstrating the relationship between wavelength and frequency thereby making connections in the brain much easier and faster than with a drawing board. To see the look on kids faces when you do this and to see the revelation expressed is priceless. That is what is missing from education.

...If you know a teacher interested in Amateur radio, or simply looking for a new method to teach difficult concepts, encourage them to apply for a grant to attend the Teacher's Institute. It is well worth their time. But don't go looking for a vacation, the TI is the real deal with more information in a week than you could believe possible. My thanks to ARRL for a worthy and effective program, we need more workshops of this caliber for our



nation's teachers!"

*Charlie Cantrill
KI4RDT
Information Technology Instructor
Nelson County Area Technology Center*

A new link, **NY weather MESONET**, has been added to the SIARC website. It is a map of weather stations around New York State operated by the University at Albany, Department of Atmospheric and Environmental Sciences. Check it out!! [NYS Mesonet](#)

May 3, 2023, the transition period ends for all amateur transmitters to be compliant with the FCC Exposure Rules. We have had two years to get into compliance and now the time has come to "get 'er done". The complete article is in the May 2023 QST, pages 64, 65 and 66. It is our time to show the FCC that we can follow the rules for safe operation of our stations. You can also go to [RF Exposure Calculator \(arrl.org\)](https://www.arrl.org/rf-exposure-calculator)

The International Amateur Radio Union (IARU) has designated **14.300 mhz** 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.

A few months ago, I asked for some assistance with a couple of areas and these are the folks I tapped.

Technical Committee Chair—Steve WB2VMR

Programs—Sandy KA2HQZ

Publicity—Doug KD2LGE

Please contact them if you would like to assist in their area or have ideas.

A new **RF Exposure Calculator** has been added to the Links on the SIARC website.

For all the new hams, are you aware of **QRZ.com**? It is a wealth of information on hams WORLDWIDE and carries informative articles, editorials. It is editable by the individual ham so can be updated as often as you like. They also have a logger for your contacts. Check it out!

I would encourage all ARRL members to check out the new publication the League has introduced, “**On the Air**”, aimed at new hams and those experienced hams that have some questions. The March/April issue covers many topics, including articles on Tools for T-Hunting, Served Agencies: Who They Are and What They Need From Us, How Strong is Your Signal, and many others. It is available on the website with your ARRL membership. Your membership also allows you to see the digital version of all of their periodicals QST, QEX and NCJ.

Discover the ARRL Learning Center and how to “Make Amateur Radio Your Own” at [Make Amateur Radio Your Own | ARRL Learning Center](#). Give a look-see!!

NEW REPEATERS:

The W2WDS 146.985- (82.5) repeater is up and running in Naples. This is the former frequency for the N2LSJ repeater in Penn Yan. There is also an APRS I-Gate at this site. This repeater is linked to the WB2KAO 444.850+ (110.9) repeater in Greece only on Saturday nights for the Green Eggs and Hams Net.

There is a **new 6 meter repeater** on the air, from Naples. The call sign is W2WDS. It is on a tower site space provided by Dean, W2WDS, and the frequency is 53.110- (pl 82.5). The **440 repeater on the same site**, 442.500+ (82.5) is on the air as well. The 442.500 is linked to the WB2KAO repeater 444.850+ (110.9) in Greece. Many of our members have been getting on the air with 6 meters. Looks like fun. Thanks to Dave W2ACC and Dean W2WDS for these upgrades.

As a reminder, the Smoke Signals and meeting minutes are posted as soon as possible on the SIARC website. This is an easy way to keep up with the group if you miss a meeting. Steve has also started posting the Minutes of the Board Meetings, which will be held at various times throughout the year. Thanks to Steve, KD2OM, for keeping the website up to date.

For local repeaters, you can go to www.rochesterham.org and click on Useful Links to find a quick reference. You can also go to www.unyrepco.org and www.wnysorc.org for repeaters in western New York. Lots of information is available, and the councils are continually trying to keep it current.

If you travel, look at www.repeaterbook.com for lots of repeater information. They have an app for your phone that shows repeaters within 50 miles of where you are. Another ham site with useful information for New York state is Upstate Ham [Upstate NY HAM Radio News & Information \(upstateham.com\)](http://Upstate NY HAM Radio News & Information (upstateham.com)) with many repeater lists. And for scanner listeners, go to www.radioreference.com for nationwide information on repeaters and public safety.

W2ACC has repeaters up in Romulus that can offer good coverage to our east. They are on 145.130- (pl 110.9) and 442.225+ (pl 82.5). Give them a try. The 220mHz repeater (on the Stanley tower) is now up and waiting to be used. The frequency is 224.26 (-1.6mHz offset and pl of 110.9).

Check out www.dstarusers.org and www.dstarinfo.com for lots of information on D-Star.

Dues are payable in September for the next year. They are \$10 for an individual, \$14 for a family and \$100 for Life membership. Please see Stan WM3D to pay. He would love to hear from you! You can also send your renewals to me, Tom Sanders at 6310 Gillis Road, Victor, NY 14564 and I will forward to Stan.

Please be sure to inform Stan WM3D or Tom KB2NCI if you change your preferred email address and phone number, or other changes in your contact information. Having up to date information helps if we need to reach you quickly (e.g. canceling the Holiday party).

A reminder to renew your ARRL membership (you are a member, aren't you?) through the club. We get a commission on each new (\$15) and renewal (\$5) if the club sends it in. See Tom KB2NCI for details. I encourage you to support the ARRL and become or maintain membership. They may not be perfect, but they work hard to represent all of amateur radio.

What projects are you working on or involved in? We would love to hear about them, either at the meeting or in the Smoke Signal. Let me know.

Nets

STILL GOING---Since March 17, 2020, SIARC has been hosting a Health and Welfare net on the K2BWK 146.820 repeater, nightly at 8pm, Monday through Friday. It is intended as a net for hams to keep in contact with others. It has been lots of fun to participate and hear from so many, and ALL are welcome. We just completed net **#1003** and have heard from hams in Wayne, Monroe, Yates, Cayuga and Seneca Counties.

146.820- (110.9) K2BWK	Monday through Friday 8pm Health and Welfare Net
145.450- (110.9) W2ONT	Sundays 8pm Ontario County RACES/ARES training net
146.685- (71.9) WA2EMO	Sundays 8:35pm Wayne County RACES net
146.610- (110.9) W2ARM	Thursdays 7pm Monroe County ARES/RACES net
3993.5kHz LSB	Sundays at 9am New York State RACES net

Club/RACES Repeaters

K2BWK	146.820- (110.9) Canandaigua
K2BWK D-Star	147.375+ Honeoye
K2BWK D-Star	443.500+ Honeoye
W2ONT	145.450- (110.9) Gannett Hill
W2ONT	442.200+ (110.9) Gannett Hill—linked to 147.090+
W2ONT	147.090+ (110.9) Geneva City Hall—linked to 442.200+
KD2HVC D-Star	444.300+ Stanley
KD2HYJ D-Star	444.500 (no offset) Victor hot spot—very local coverage for now

President's Thoughts

Spring really is just around the corner, so now is a great time to begin planning your warm weather operating. There will be several public service events available to have fun and help out with and of course, Field Day, is coming on June 22 and 23. And it is a great time for us to operate in the local town, county and state parks for the Parks on the Air program. Even if you only are a hunter, you can still make an activator's day by checking in with them. Another very important result of all of this operating is being with our friends and like minded folk. Our group (and Drumlins) is a very dynamic collection of knowledge, skills and enthusiasm. Look ahead to see what you can participate in and enjoy.

The upcoming Eclipse will offer a great opportunity to try some experimentation with propagation. There are several groups that are collecting data on those transmissions distance and signal strength. This newsletter shows a couple of options, but if you search around, I am sure you can find others. So, try to get on the air (stay off the roads if possible) and see what you can do.

As stated before, I will be looking for operators to help with the several Public Service events we support in 2024. They are fun and our efforts to keep the participants safe are always appreciated.

Have a great March!!

Have Fun and Talk Up Ham Radio, Be Safe and I hope to catch you on the radio!
Get Active/Get Involved!

73, Tom Sanders KB2NCI

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585-924-0752

Ham Radio: Service, Science, Skill

The Amateur's Code^[1] Originally written by Paul M. Segal, W9EEA (1928)^[2] The Radio

^[3]Amateur is:

^[4]CONSIDERATE Never knowingly operating in such a way as to lessen the pleasure of others.^[5]

LOYAL Offering loyalty, encouragement and support to other^[6] amateurs, local clubs and the American Radio Relay League, ^[7]through which Amateur Radio in the United States is ^[8]represented nationally and internationally.^[9]

PROGRESSIVE With knowledge abreast of science, a well built and efficient station and operation beyond reproach.

FRIENDLY With slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, cooperation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

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

PATRIOTIC With station and skill always ready for service to country and community.