



Squaw Island Amateur Radio Club

Since October 7, 1953



Smoke Signal

June 2021

www.siarc.us

Yaa, June is here and the flowers are sure beautiful! We have peonies and they come out about this time and sure compliment the lilacs. Nice time of year.

As of this moment, I am not sure of the mask, social distance requirements that county will have in place for the meeting. I will try to send something out before the meeting, but be prepared to follow the old guidelines, just in case. Things are opening up and we are getting back to a pre-Covid world. I hope you are all fully vaccinated.

We will be **meeting at the Safety Training building, 2914 CR 48, on June 9** at 7:30pm. Back to our usual spot. Our program will be by Doug, KD2LGE, on How to build a Tri Band Barber Pole antenna for 2m, 1.25m and 70cm. Should be very interesting and helpful to us all. Thanks, Doug.

We continue to hold the Health and Welfare net on the K2BWK 146.820- (110.9) repeater at 8pm, Monday through Friday, (not on the 9th or Memorial Day) so there is ample opportunity to check on your friends in a safe way. I hope you all can check in.

Our Laurel VE session in May netted two upgrades.

Dave KD2VNV upgraded to Extra

Paul KA2YMF upgraded to General.

Congratulations to both of you and continued success and fun in Amateur Radio.

Past Events

The May meeting had 15 in attendance (I am sorry I missed it) but I heard that Rich did a great job explaining his multiband antenna project. The power point is up on our website. Thanks Rich.

I know a couple of our folks have been doing some Parks on the Air activations, 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.

Upcoming Events

Our **next VE Session** is scheduled for July 14, 2021 at 6:30. The testing will be held at the Safety Training Center, 2914 CR 48. Pre-registration is **REQUIRED**. Contact Russ N2IZV at rcharris@msn.com if you would like to be on his list of examinees. He will also need VEs.

ARRL Field Day will be held the last weekend of June on the 26th and 27th. With set up beginning the afternoon of June 25th. We have reserved the Safety Training Center grounds for the weekend, and members from the Drumlins ARC will be joining us. **There will be an organizational meeting Saturday, June 5, at 8am at the Villager Restaurant in Canandaigua. Interested parties are invited to attend.** The rules are similar to last year and allow for home stations to be more active. The Board of Directors has voted to subsidize One shirt per member to the amount of \$5. The shirt order is in and I will have it at the June meeting. You can pay me upon pickup.

ARRL to Extend Field Day Rule Waivers from 2020, Add Class D and E Power Limit

The COVID-19 pandemic-modified [ARRL Field Day](#) rules from 2020 will continue this June with the addition of a power limit imposed on Class D (Home Stations) and Class E (Home Stations-Emergency Power) participants. The news from the ARRL Board's Programs and Services



Committee comes as many clubs and groups are starting preparations for Field Day in earnest. Field Day 2021 will take place June 26 - 27.

"This early decision should alleviate any hesitancy that radio clubs and individual Field Day participants may have with their planning for the event," said ARRL Contest Program Manager Paul Bourque, N1SFE.

For Field Day 2021, Class D stations may work *all other* Field Day stations, including other Class D stations, for points. This year, however, Class D and Class E stations will be limited to 150 W PEP output.

For Field Day 2021, an *aggregate* club score will be published -- just as it was done last year. The aggregate score will be a sum of all individual entries that attributed their score to that of a specific club.

ARRL Field Day is one of the biggest events on the amateur radio calendar. Last summer, a record 10,213 entries were received.

"With the greater flexibility afforded by the rules waivers, individuals and groups will still be able to participate in Field Day, while still staying within any public health recommendations and/or requirements," Bourque said.

The [ARRL Field Day](#) web page contains complete rules and entry forms, as well as any updated information as it becomes available. Join the ARRL Field Day [Facebook group](#). Read [an expanded version](#).

Upcoming Contests and Special Events this month include: Worldwide Sideband Activity Contest (First Tuesday evening of the month), QSO parties in Kentucky, West Virginia, ARRL VHF contest, ARRL Kids Day event, ARRL FIELD DAY and many others. See the June QST pages 72 and 84 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!

RACES and ARES

Plans are forming to be able to link the 442.200 repeater on Gannett Hill with the 146.820 Club repeater at the VA. If needed, this would allow for hand held coverage in the cities of Canandaigua and Geneva to cover the county. More details will be forthcoming this summer.

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, but we will be discontinuing the use of FLMSG for our nets and drills, due to the difficulty of keeping everyone on the same version. It appears that the use of different versions of FLMSG makes receiving the transmission very spotty. If you have ANY questions, feel free to contact me at kb2nci@arrl.net or 585-924-0752 or Scott N2UMH at ldfask@yahoo.com . If you are not a member and would like to become one, please see or contact me. And please let me know if you have a change in contact information. We need to keep it 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 get some more training on HF net operations. The net follows the same procedures that our weekly nets do. We are in Region 5 (check in is by region) and 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 net. Now is a good time to check your station for lightning protection.

Odd and Ends

We will be holding election of officers in September. If you are interested in serving your club and helping with its direction, see me and we can discuss the options. All positions are available.

A new **RF Exposure Calculator** has been added to the Links on the SIARC website. The calculator was produced by the Lake Washington Ham Club in Redmond, Washington. Check it out and be prepared for the rule change that amateurs must evaluate their stations for RF Exposure. Below is the link to the FAQ from the ARRL.

[RF Exposure Calculator FAQ.pdf](#)

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!

A new benefit of ARRL membership:

ARRL Learning Network

Overview: ARRL's Learning Network is a webinar series to help introduce members to the variety of activities and opportunities enjoyed by radio amateurs. These live presentations will be given by member-volunteers, for all members. Like hamfest forums and radio club presentations, the webinars are intended to help participants get more active, involved, and engaged in amateur radio. Presentations are 30-minutes each to accommodate attendee's busy schedules, followed by a 15-minute period for questions-and-answers. For additional information contact ARRL's [Lifelong Learning](#) department.

- **Register now!** ARRL members may register for upcoming presentations and view previously recorded webinars by [clicking here](#).

Webinar Schedule

Ask the Lab: How ARRL's Technical Information Service Can Help You

Presented by Ed Hare, W1RFI, ARRL Laboratory Manager

Learn all about the ARRL Technical Information Service (TIS) and the expert ARRL Laboratory staff who answer thousands of questions each year from members. Get tips about projects, suggestions to address various station installations, and help for some of your most pressing ham radio questions. You'll discover how to search ARRL's extensive Periodicals Archive, find helpful articles, read test reports, access technical forums, and find answers to technical questions beyond the Lab.

Tuesday, June 8, 2021 @ 1 pm EDT (1700 UTC)

Sponsored by  **PreppComm**

Improving Your Club's 2021 Field Day Score

Presented by Paul Bourque, N1SFE, ARRL Contest Program Manager

Learn how your club or group can take advantage of the 2021 Field Day rules waivers while operating as Class D or E from home. We'll discuss how individuals or groups can boost their scores by earning bonus points, review how to use the Field Day web applet to submit your score, and go over how to attribute your score to your club's aggregate score. This presentation highlights all you need to know to operate as a group for Field Day 2021.

Thursday, June 10, 2021 @ 8 pm EDT (0000 UTC on Friday June 11)

Sponsored by  **PreppComm**

Introduction to Remote HF Operation

Presented by Davide Lanfranconi, W6DGE, and Kevin Shin-Wheeler, N7KSW, from the Cal Poly Amateur Radio

Club

The Cal Poly Amateur Radio Club will be presenting on the idea, process, and challenges that were encountered while getting our club's remote HF station on the air, as well as some methods and resources available for amateur radio operators and clubs to get their remote stations on the air. Covid-19 has suddenly triggered a renewed interest for remote operations so we will also set aside some time for Q&A and a live station demo.

Tuesday, June 22, 2021 @ 1 pm EDT (1700 UTC)

Sponsored by  PreppComm

Designing Coiled Coax "Ugly" Baluns

Presented by John Portune, W6NBC

Coiled Coax Baluns are a familiar term in the world of ham radio, but not many hams know how to design them for maximum efficiency. The Internet offers many designs and can be confusing, so this presentation will help you learn the following: (1) The main function of a balun; (2) Calculating, and not guessing, at the amount of coil needed; (3) Self Resonance and frequency limitations. The presenter is the February 2021 QST Cover Plaque Award winner for his article "Create Your Own 1:1 Coax Choke Balun."

Tuesday, July 8, 2021 @ 8 pm EDT (0000 UTC on Friday July 9)

Sponsored by  PreppComm

Learning with High Altitude Balloons

Presented by Jack McElroy, KM4ZIA and Audrey McElroy, KM4BUN

Jack McElroy, KM4ZIA and Audrey McElroy, KM4BUN talk about their experiences with high altitude balloons and explain how others can also be involved in high altitude balloons and be able to launch successfully! Their discussion will include how high-altitude balloons are a great way to involve more youth in Ham Radio and how it is a fantastic learning experience for students.

Thursday, July 22, 2021 @ 3:30 pm EDT (2030 UTC)

Registration & Recordings

USAGE: ARRL members may use the recording links to view recorded webinars for personal use only. ARRL-affiliated radio clubs may also use the recordings as presentations for club meetings, mentoring new and current hams, and discussing amateur radio topics.

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Downloaded videos should be deleted after promptly viewing, and videos may not be stored, edited, introduced to a retrieval system, or published or shared elsewhere. If you have any questions contact ARRL's [Lifelong Learning](#) department.

[>> To register & view recordings click here <<](#)

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 May/June issue covers many topics, including Antenna Masts, Safety and Selection, a Ground Level Look at Grounding, Tips for Enhancing your Training during Field Day and many others. It is available on the website and you may choose to receive the print version or QST with your membership.

Hamfests

See the flyer link for the Cortland Hamfest on June 12, Talk In on 147.180 repeater (pl 71.9)

[SARC Summer Hamfest June 12, 2021 – Skyline Amateur Radio Club Website \(skylineradioclub.org\)](https://skylineradioclub.org)

See the flyer link below for the RAGS Hamfest on July 10

[HAMFEST FLYER 2021\[10986\].pdf](#)

Batavia Hamfest, July 17, Talk In on 147.285 repeater (pl 141.3)

Moravia Hamfest, July 24

Lancaster Hamfest, September 12

The Drumlins Hamfest is tentatively scheduled for October 2, 2021. It is slated to be held at the Palmyra VFW again. I have reserved two tables for members to sell stuff from. More details will follow this summer.

NEW REPEATERS:

Dave W2ACC reports that the KD2NOL 146.985- (82.5) repeater is up and running in Dundee and gives very good coverage for Seneca County. This is the former frequency for the N2LSJ repeater in Penn Yan.

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. Many of our members have been getting on the air with 6 meters. Looks like fun. Thanks to Dave W2ACC and Dean 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. I recommend becoming a member of UNYREPCO as that covers our immediate area.

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. And for scanner listeners, go to www.radioreference.com for nationwide information.

Dave W2ACC has repeaters up in Waterloo 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. Dave's 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).

From Dave, W2ACC

"There is a **220 net** on Tuesday night 7:00 pm and three nets on Friday night. 7:00 pm is the Syracuse world net followed by Tech net and the a swap net. My 220 is tied into all of them along with KA2NDW and KD2SL

My 900 MHZ repeater is up and running"

927.212	902.212
5	5

With an 82.5 tone

All are welcome

73

Dave

W2ACC

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! While we are not having meetings, you can 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 and renewal 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 try 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 during the virus situation. It has been lots of fun to participate and hear from so many, and ALL are welcome. We just completed net #305 and have covered a range of topics and have heard from new hams in Yates and Seneca Counties.

145.450- (110.9) W2ONT
146.685- (71.9) WA2EMO
146.610- (110.9) N2MPE
3993.5kHz LSB

Sundays 8pm Ontario County RACES/ARES training net
Sundays 8:35pm Wayne County RACES net
Thursdays (except 4th) 9pm Monroe County RACES net
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

I hope you are getting excited for Field Day the last weekend in the month. It is always a fun time getting together with fellow hams and seeing how much you can learn and do in one weekend. The committee (all are welcome to join) is planning on a great event with plenty of opportunity to get on the air and work together for fun.

See the articles in the Smoke Signal and on the ARRL website to get a full understanding of the event.

I look forward to seeing you at the Safety Training Center on June 26 and 27.

Take care of yourself and each other.

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

73, Tom Sanders KB2NCI

kb2nci@arrl.net

585-924-0752

Ham Radio: Service, Science, Skill

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

CONSIDERATE Never knowingly operating in such a way as to lessen the pleasure of others.

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

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.