

The Oscillator

Published BI-Monthly by the Tri-Town Radio Amateur Club, Inc. PO Box 1296, Homewood, IL 60430
Volume 68 Number 2 March 2021 Club Call W9VT

Future Tri-Town Programs (Held via Zoom)

March 26, 2021 - Riley Hollingsworth, K4ZDH, ARRL Volunteer Monitor Program Coordinator

All meetings are on Fridays and will be held via Zoom and will start at 7:30 PM. After the meeting is called to order, the programs will be presented and then the business meeting will be conducted. Everyone on the Club's email list will receive an invitation to join the meeting

From The President's Desk

Todd, KA9IUC

Well things seem to be going along for the better regarding Covid19. A lot of shots are being given and the numbers seems to be improving. I got my first shot after a lot of daily follow up on the internet for places offering shots. Once I got my first shot, they sent the date for my second in a few weeks. In the meantime, I still wear my mask and practice social distancing. Please do the same.

In January and February, we had great programs from Bob Heil, K9EID and Kermit Carlson, W9XA. Both presentations were very informative with Power Point presentations and Question and Answer sessions. It is great that they take time to do these presentations. It's almost as good as an in person meeting.

For March, we are looking forward to hosting Riley Hollingsworth on the ARRL Monitoring System.

On a different subject, membership is of concern. In 2020 we had 47 members. For 2021, only 37 have renewed or became members for the first time. That is a 21% decline in membership. Why? I know we have had a year of Covid19 but we still have had our Nets, Meetings, and Oscillators. Plus there has been a ton of happenings online to keep us busy. The meetings are in a different form but still we are together. We are all still hams and as such social beings. The club needs your continued support.

Looking forward to the Fox Hunt on Sunday, April 11th.

Martin's, WD9JGG, SK notice is in the April issue of QST.

Watch your email and check into the nets for updates on Club News.

Officers, Board Members, & Committee Heads for 2021

Todd Schumann, KA9IUC	President	708.423.7066	tschum3063@aol.com
John Krueger, N9DWE	Vice President	708.534.2686	johnk17856@aol.com
Trish Jaggard, N9WDG	Treasurer, COB	708.957.1973	the_jaggards@sbcglobal.net
Jim Everand, WD9GXU	Secretary	708.748.6798	jimgxu15@outlook.com
Mac Kirkpatrick, WA9CYL	Board Member	708.341.8900	wa9cyl@comcast.net
Pete Schaper KE9YX	Board Member	219.226.4474	p.k.schaper@sbcglobal.net
Bruce Haffner, WD9GHK	W9VT Trustee, Dir	708.614.6134	WD9GHK@comcast.net
Tom Gunderson, W9SRV	Webmaster, W9VT	815.466.0245	webmaster@w9vt.org
Brian J. Bedoe, WD9HSY	Repeater Trustee Oscillator Editor	815.370.1383	Bbedoe@aol.com

Members of the Tri-Town Radio Club Inc. publish the Oscillator 6 times a year. Opinions expressed are not necessarily those of the Officers or members of the Tri-Town RAC, but of the contributors. All articles may be reprinted as long as full credit is given. Other publications are asked to reciprocate their newsletter. Some Articles printed here are from AMSAT, ARRL Letter, TAPR, World Radio, QRZ.COM, Eham, and Other Amateur Radio Publications.

Club Meetings & Nets

Club meetings are the 4th Friday of each month 7:30 pm at the Village of Hazel Crest Village Hall, 170th and Holmes. All are welcome and refreshments will serve. Don't forget to bring a Friend.

Club Hangouts:

The Club's Repeater 146.805 WD9HSY/R & 146.49 Simplex
442.375 Homewood, 441.300 Grant Park WA9WLN/R, "Waldofar"
443.325 Frankfort WD9HSY/R & 147.165 Kankakee Co. WD9HSY/R
All UHF's use a 114.8 PL & All VHF's use a 107.2 PL

Club Nets

2 Mtr FM 49'ers Net Wednesday, 8:00 PM Local, The Club's Repeater 146.805 -600kc 107.2 PL
2 Mtr FM Preparedness Net Sundays, 8:00 PM local, The Club's Repeater 146.805 -600kc 107.2
10 Mtr SSB Net Thursdays, 8:00 PM local on 28.490 SSB USB
40 Mtr Tri-Town Alumni Net Weekdays, 2200 UTC 7.285 SSB LSB
80 Mtr SSB Net Saturdays, 9am local 3.860 SSB LSB

Tri-Town 10 meter net

As previously announced Jerry, K9PMV, of Blue Island, has reactivating this net. The net meets each Thursday at 8 PM on 28.490 MHz SSB. So far Jerry has had as many as 7 check ins plus some DX stations. Of late it has been a core group of 4-5 check ins.. There are general discussions on ham related subjects and other topics of interest. Please support Jerry's efforts by getting on 10 Meters and check into the net!

Dayton Hamvention 2021 Has Been Cancelled!

Tri-Town's 2021 Calendar

Regular monthly meetings are held the fourth Friday of the month except July when we are on vacation. Meetings will be via Zoom till further notice.

Fox Hunt April 11, 2 PM, From Brian's in Monee. Rain date 4/18.

Field Day is June 26 and 27, 2021. (No set plans due to COVID19 & Village Facilities Shutdown)

Club Picnic is September 18, 2021.

Nothing has been established regarding Drivin the Dixie or a Club Christmas party which could also be the celebration of our Club's founding 90 years ago.

Board Meetings are held the second Monday of the Month, all members welcome. We are having them via Zoom. If you have something you wish to bring before the Board, please contact Trish so she can send you an invitation for the meeting.

2021 will be Tri-Town RAC's 90th Year as a club. The first Club meeting was December 18, 1931. Tri-Town has been affiliated with the ARRL since March 15, 1932.

All dates subject to change.

Field Day 2021

Field Day 2021 will be June 26 and 27, 2021. What form it will be in is unknown at this time. (from editor ... Whether it will be in person at the bunker or a Home remote operation like last year.)

The ARRL has released some information concerning operating procedures. Again this year Class D stations will be able to work other Class D stations just like in 2020. Also, Clubs can again submit arbitrage scores from club members. The individual must indicate what club he wishes his points to go to, again just like 2020. A new rule for 2021 is that all Class D and Class E are limited to 150 watts. This was done to counteract the "Big Gun" base and EOC stations. Stay tuned for updates as they become available.

Ever use OQRS to get a Contact Confirmation?

By Todd, KA9IUC

Online QSL Request Service (OQRS) is a system by which you can request a QSL via email.

I am sure this system works just fine but let me tell you about my recent OQRS experience. I made a FT8 contact with a station in South Africa. In checking his QRZ page, I found that he only QSLs thru a QSL manager in Spain. I went to the QSL manager's QRZ page for all the details. It said I could use OQRS to get the QSL. So I filled out the necessary form, it is just like filling out a QSL card, and sent him the requested funds via Pay Pal. The only thing I have gotten so far is a confirmation on LoTW. It should be noted that the station I contacted indicated no LoTW on his QRZ page. No card yet. Did I pay the fee only to get an LoTW confirmation and no card? Did he put his fee in his pocket? Live and learn I guess. At least I got the contact confirmed for DXCC.

The 90 Year Old Christmas Gift

By Todd, KA9IUC

A friend of mine gave me a Christmas gift last year that left me puzzled as to what it was. It was a cube shaped box about one foot on a side, very nicely wrapped in Christmas paper and it weighted a ton. What could it be? The gift turned out to be a full year of Popular Science magazines from 1931. They were in excellent condition and no odor. Reading the issues was a real treat. The articles covered a wide range of subjects from aviation, to automobiles, to electrical and electronics, to woodworking and a broad range of science subjects. The ones I found most interesting were the ones on building radios and TVs and improving on them including antennas. The ads were something also. Trade schools and universities were featured as were sources of machine tools, radio and car parts, how to get government jobs and get patens on your inventions. The best ones were for cigarettes. You were not cool or in if you did not smoke. What struck me the most was that the overall subject matter was what you would expect to find being printed today. Ninety years has elapsed but the subjects just don't change.

The magazines are now out on loan to a ham friend for his enjoyment. In return, he loaned me a set of Meet Mr. Wizard DVDs to watch. Nostalgia never gets old!



FOX HUNT APRIL 11th FROM 1 PM to 3:30 PM-MEET AT BRIAN'S PLACE IN MONEE- RAIN DATE APRIL 18th

CAN YOU FIND THE FOX?????

NEW and Easy way to pay your Dues! PAYPAL!

From Trish N9WGD Treasurer

Remember dues are due for 2021. (You can still send us a check too!)

The Board at its last meeting decided to add a PayPal option for paying your dues - so I have a PayPal account that we will be using- it is under my name- Tricia Jaggard- my email the_jaggards@sbcglobal.net. Dues are \$25 per year and \$6 for each family member.

ARISS, NASA, and ESA Continue to Probe Amateur Radio Problems on ISS

Amateur Radio on the International Space Station (ARISS) International Chair Frank Bauer, KA3HDO, reports that the ARISS team worked closely with NASA and the European Space Agency (ESA) this week to identify what may have caused what ARISS is calling a "radio anomaly" on January 27. The net result has been an inability to use the NA1SS ham station gear in the ISS Columbus module. For the time being, ARISS school and group contacts with crew members have been conducted using the ham station in the ISS Service Module. The radio issues came in the wake of a January 27 spacewalk, during which astronauts installed new cabling to support the commissioning of the Bartolomeo attached-payload capability mounted on the Columbus module. The job involved re-routing the antenna cabling to the ARISS radio system onboard Columbus.



Bauer said NASA, ESA, and ARISS would conduct a set of APRS (automatic packet radio system) tests to determine the operational status of the ARISS radio in Columbus through employment of three different cabling configurations. The tests would use the station's APRS capability on 145.825 MHz, with the crew periodically shutting down the radio and swapping cables. The tests were expected to wrap up by March 3. No results had been reported by March 4.

"We cannot guarantee that these troubleshooting tests will resolve the radio issue," Bauer said.

Bauer said that if the tests are unsuccessful, "a contingency task" has been green-lighted for a March 5 spacewalk (EVA). "This EVA task would return the ARISS cabling to the original configuration prior to the January 27 EVA," he explained, noting that a contingency task will only be performed if time allows.

"If you definitely hear the packet system working or are able to connect through it, let us know the date, time, and grid square of the occurrence," he added.



The Dekalb Hamfest is the 1st LOCAL Hamfest since before the Pandemic. As of this moment the Hamfest is scheduled, but this may be subject to change! Please note too, masks and social distancing is required ---- EDITOR



The DEKALB Hamfest

Sponsored by the Kishwaukee Amateur Radio Club
 Sunday....May 2, 2021....8 AM to 1 PM
 Vendor Set-up—Saturday 1 PM to 9 PM and Sunday at 6 AM
 \$8.00 Advance Ticket (Double-Stub—See Below)
 \$10.00 Admission at the gate (Single Stub)

Overnight Camping on Fairgrounds \$10 includes Electrical and Water

Rain or Shine	TAILGATING	Food Provided
3 Large Buildings	Free Outside	Fairground regulations prohibit
CASH Prizes	No VE Testing	Vehicles in buildings
Prize Drawings Every Half Hour	<u>Chairs Not Furnished</u>	
	Masks and Social Distancing Required.	



Always the First Sunday in May. May 2, 2021
 Sandwich Fairgrounds, Sandwich, IL
 (Just North of RT. 34 Intersection of SUYDAM and GLETTY Roads)
 TALK-IN: KARC Repeater 146.730 pl=100 (-) or 146.52 Simplex
 **** PLEASE USE MAIN GATE ****
 ???????????? Questions ????????????
 Phone: Bob Yurs—W9ICU—Hamfest Chairman at 815-757-3219
 Or e-mail w9icu@arrl.net
 KARC Hamfest Webpage / Hotel Info: www.karc-club.org

Return to: KARC, PO Box 371, DeKalb, IL 60115
Deadline: April 20, 2021 MUST INCLUDE SASE FOR ADVANCE TICKET SALES

_____ ADVANCE TICKETS @ \$8 each (Dual Stubs)
 _____ INSIDE TABLES @ \$10 each (FREE TAILGATING)
 _____ Total...Please make checks payable to KARC

_____ Telephone Number _____ e-mail address

_____ Call Sign

North Carolina Radio Amateurs Adapt Tailgating Hamfest to the COVID-19 Pandemic

With many in-person hamfests canceled due to the COVID-19 pandemic, some radio amateurs in Raleigh, North Carolina, have come up with a way to adapt with a tailgate hamfest in an unused shopping center parking area. The event grew out of the so-called [Ham Radio Taco Thursdays](#), begun many years ago by ARRL Life Member Alan Pitegoff, AB4OZ.

Pitegoff had to put his event on hold when the pandemic erupted. It was suggested that hams could gather and socialize at a safe distance by having a Taco Thursday with the taco truck outside in an adjacent empty parking lot. That event was a success, with participants remaining at their vehicles and bringing their own chairs. That success inspired holding a tailgate hamfest in the same spot, and it's now turned into a monthly event, called the [AB4OZ Hamfest](#).

Pitegoff said Taco Thursday started collecting more people -- up to 15 or so -- and when Taco Bell closed due to the pandemic, the event moved to a Thursday on-the-air net, with one requirement -- that participants could not talk about COVID-19.

The tailgate hamfest was established at the new location and held once a month on Saturday at 10 AM.

"I think this is a great, uplifting, and positive experience for all of us hams to get out and socialize," participant Charles Murray, KI4DCR, said. "We might not be able to have a big hamfest, but these micro tailgate hamfests might be the future for a good while. I've met a lot of good people. There's a lot of cool stuff out here. The weather's great, you know, and there's plenty of space for everybody to be socially distanced. I think it's fantastic." -- *Thanks to Martin Brossman, KI4CFS*



AMSAT-DL Operators Track Mars Probes

Members of Germany's AMSAT organization, AMSAT-DL, in cooperation with the Sternwarte Bochum Institute in Bochum, Nordrhein-Westfalen, Germany, have been using the institute's 20-meter (65.6-foot) diameter dish antenna to listen directly to signals from probes in Mars orbit. Signals have been copied from the Chinese Tianwen-1 and the Hope Emirates Mars Mission (EMM) spacecraft now orbiting Mars and transmitting in the 8.4 GHz band.



[Recordings](#) of the signals can be heard on YouTube with regular updates by following [@amsatdl](#) on Twitter.

In 2003, radio amateurs added phase-locked receivers in the 2.3, 5.8, and 10.4 GHz amateur bands, as well as an 8.4 GHz receiver. There is also an S-band 2.4 GHz amateur transmitter running 250 W PEP (peak envelope power).

In 2006, the dish was used to copy signals from Voyager 1 at a distance of nearly 15 billion kilometers (9.3 billion miles). -- *Thanks to AMSAT News Service*

Army MARS Volunteers Recognized with Gold-Level President's Volunteer Service Award

A dozen US Army Military Auxiliary Radio System (MARS) volunteers have been honored with gold-level recognition for the President's Volunteer Service Award for 2020. They are:

Bob Mims, WA1O EZ
Ron Tomo, KE2UK
Mark Bary, N4EOC
Billy Pearson, KO4XT
Dave Bock, W8OHS
Bob Baker, K5LLF
John Monson, WB0PLW
Gary Geissinger, WA0SPM
Brian Handy, W8JBT
Bliss Wheeler, W7RUG
Jim Hamilton, K4QDF
Daniel Wolff, KA7AGN



Each award recipient receives a letter signed by the President of the United States, a certificate of achievement, and a presidential volunteer service lapel pin.

Volunteer awards are based on the certifying organization's recommendation and the number of documented volunteer hours for the year. Gold-level volunteers must accrue a minimum of 500 hours volunteer time supporting the organization. Silver awardees must achieve 300 hours and bronze must achieve a minimum of 100 hours volunteer time. - *Thanks to Paul English, WD8DBY*

Preservation of 250 kW Voice of America Transmitter

With the former Voice of America Delano relay site in Central California scheduled for eventual demolition for resale, the Collins Collectors Association ([CCA](#)), in association with the Antique Wireless Association ([AWA](#)), came up with a plan in 2014 (working, among others, with past ARRL Midwestern Division Director Rod Blocksome, K0DAS, a former Collins engineer) to retrieve one of the Collins 821A-1 250 kW HF transmitters from the site and put it on display at the AWA museum in Bloomfield, New York.

The Delano site went on the air in 1944 with a 170-foot rhombic antenna. The Collins 821 A-1 transmitter was autotuned and could shift frequencies between 3.95 and 26.5 MHz in 20 seconds. The transmitter and its associated components represent an era when equipment was large and heavy.



The Delano site, now owned by the General Services Administration (GSA), remains with antennas still standing and buildings in place and demolition on hold, because it was discovered to be the habitat for an endangered species of shrew.

A [video presentation](#) featuring Dennis Kidder, W6DQ, describes and illustrates the entire removal and relocation effort, and offers some background on the VOA. On the continental US, the only remaining VOA site is the Edward R. Murrow Greenville Transmitting Site in North Carolina.

ARRL Learning Network Webinars

Visit the [ARRL Learning Network](#) (a members-only benefit) to register, check on upcoming webinars, and to view previously recorded sessions.

The Art and Science of Operating Ultra-Portable -- Mike Molina, KN6EZE

Ultra-portable operation, or being able to carry your radio over distances (e.g., in a backpack), is quickly growing in popularity. Whether for SOTA, POTA, backcountry survival, or just spending time in nature, learning how to operate ultra-portable is a fun and rewarding experience. In this presentation, Mike, KN6EZE, will cover the basics of ultra-portable operating for both the new and experienced ham radio operator.

Tuesday, April 6, 2021 @ 8 PM EDT (0000 UTC Friday, April 7)

Finding and Fixing RFI

Presented by Paul Cianciolo, W1VLF

RFI (Radio Frequency Interference) has been a problem for Ham radio operators and SWL's (Shortwave listeners) since the radio hobby began. Both from natural sources (QRN) and manmade sources (QRM). Things have changed in the last 20 years with the advent of widespread solar power, LED lighting, grow lights, digital computing devices etc. The technology boom has enhanced our daily lives, but at what price? Learn all about finding and fixing RFI in today's world.

Tuesday, April 20, 2021 @ 1 pm EDT (1700 UTC)

HF Noise Mitigation

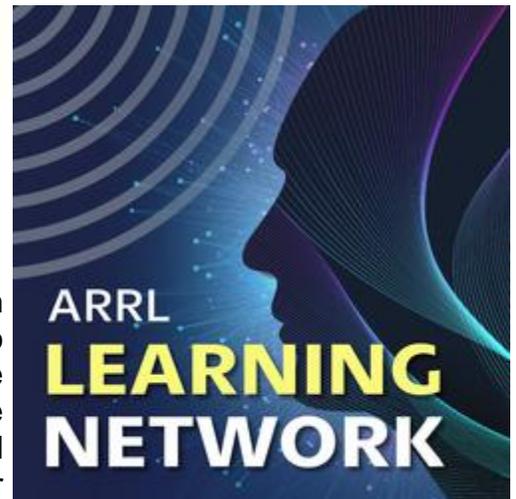
Presented by ARRL Northwestern Division Director Mike Ritz, W7VO

An educational seminar to help both new and experienced amateurs who are on HF and finding themselves plagued with noise. We'll learn what "noise" is, about the various noise sources, and how to mitigate those noises using a variety of techniques..

Thursday April 22, 2021 @ 3:30 pm EDT (1930 UTC)

Spring Red Cross Emergency Communications Drill Set

The spring 2021 Red Cross Nationwide Emergency Communications Winlink Drill will be held on May 8, which is [World Red Cross and Red Crescent Day 2021](#). [Details and instructions](#) are available. [Sign up for email updates](#). Ahead of the May nationwide exercise, the American Red Cross (ARC) Emergency Communications training group will continue its Winlink Thursdays training sessions on March 11 and April 8.



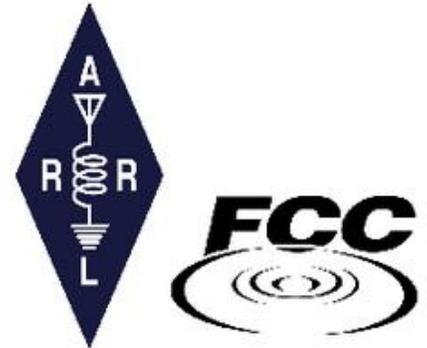
January 2021 Volunteer Monitor Program Report

The Volunteer Monitor (VM) Program is a joint initiative between ARRL and the FCC to enhance compliance in the Amateur Radio Service.

In January 2021, Volunteer Monitors reported 2,277 hours monitoring the HF frequencies and 2,162 hours monitoring VHF frequencies and above.

The Volunteer Monitor Coordinator issued 11 *Advisory Notices*. An *Advisory Notice* is an attempt to resolve rule violation issues informally before FCC intervention:

- Operators in Milwaukee, Wisconsin; Centralia, Washington; Edmond, Oklahoma; Fontana, California, and Orleans, Massachusetts, received advisories concerning operation outside their license class.
- An operator in Thorn Hill, Tennessee, received an advisory concerning interference.
- An operator in Ridgely, Tennessee, received an advisory regarding excessive bandwidth.
- Operators in Miami, Florida; Friendly, West Virginia; Collinsville, Illinois, and Keansburg, New Jersey, received advisories concerning station ID issues.
- An operator in Philadelphia, Pennsylvania, received an advisory regarding improper use of a linear amplifier.



ARRL had two meetings in January with FCC Enforcement Bureau personnel. -- *Thanks to Riley Hollingsworth, K4ZDH, VM Program Administrator*

March 26, 2021 – Club Speaker via Zoom – Riley Hollingsworth, K4ZDH, ARRL Volunteer Monitor Program Coordinator

Monster Dipole Can Deliver Monster Signal

A [video](#) shows how Gary Watson, ZL3SV, in Nelson, New Zealand, installed an enormous all-band dipole with each leg extending 320 meters (about 1,050 feet). The antenna is multiple wavelengths on HF, and on 20 meters it has a gain of more than 16 dB, Watson says. It hears quite well, too.

A huge 12:1 balun resembling a utility pole power step-down transformer converts the impedance from 50 W unbalanced to 600 W balanced. The wire he uses for each leg is aluminum-wrapped, power-line cable (10-millimeter cable with wrap), and he uses power-line fittings, because they're designed to handle the wire. The line has a 60-ton breaking strength.



Watson said he made the 600 W ladder line himself and he uses the antenna on all bands, typically running only 200 W. The coaxial feed line goes to his house down a slope from the antenna via a conduit. His home is entirely off the grid, powered by solar power. The noise level is very low at his location, with power lines some distance away, although his solar power system's inverter is nearby.

Watson says he can copy stations with the "monster" antenna that remain undetectable with a half-wave dipole. <https://www.youtube.com/watch?v=7ah95zW9-WM&t=5s> 10 minute video

Plans Proceeding for Fall 2021 Willis Island DXpedition

The team from the Hellenic Amateur Radio Association of Australia ([HARAOA](#)) that's planning a November 3 - 13 DXpedition to Willis Island (VK9HR) has expanded by one, and the DXpedition planning is on schedule. A vessel to take the team to Willis Island has been chartered to leave Australia on November 3, returning on November 13. Willis ranks #38 on Club Log's [DXCC Most Wanted List](#). The group announced earlier that it had put off plans to include a stint from Mellish Reef, last activated in 2017. The ham radio team will be just in time to celebrate the centennial of the island's meteorological facility.



"With time away from jobs a consideration for the operators, Mellish is being put off to 2022," said team leader John Chalkiarakis, VK3YP.

While the call sign VK9HR is expected to be renewed in August, Chalkiarakis is trying to get VK9W. "VK9IR will be an additional call sign to be allocated," he said. VK9IR and VK9HR were used for HARAOA's 2011 DXpedition to Lord Howe Island.

Team members for this fall's DXpedition will hail from Australia and New Zealand. They're in the process of obtaining a permit from Parks Australia, which is "required to 'camp' at these Australian Coral Sea marine parks." Chalkiarakis said the most important document is the landing permit, also from Parks Australia. No permit is required to visit these coral sea islands for non-commercial purposes, but a permit application is needed to set up a campsite and to stay overnight on the island.

The now eight-operator team plans to use verticals on 160, 80, 40, and 30 meters, while VDAs (vertical dipole arrays) will be used on 20, 17, 15, 12, and 10 meters. Operation on 6 meters is under consideration. Activity is expected on SSB, CW, and FT8 on 160 through 10 meters. The equipment complement is expected to be Kenwood TS-590S and Icom IC-7300 transceivers with amplifiers on all.



Chalkiarakis also said that he and some friends have been trying to obtain a landing permit for Macquarie Island (VK0M), which is #12 on Club Log's DXCC Most Wanted List, but he conceded that it's nearly impossible to get permission from the Tasmania Parks and Wildlife Service because Macquarie is a protected nature

reserve. -- Thanks to [The Daily DX](#)

Ham Bootcamp Program to Be Offered in April

The Nashua Area Radio Society ([NARS](#)) will again offer its popular Ham Bootcamp program on Saturday, April 24. Bootcamp is free and includes demonstrations and tutorials designed to help newly licensed Technician-, General-, and Amateur Extra-class hams get on the air. It is also a great opportunity for prospective radio amateurs to learn what the hobby has to offer. Bootcamp additions include "Learning Morse Code." Registration and more information is on the Ham Bootcamp [web page](#). -- Thanks to NARS President Fred Kemmerer,



AB10C

Tri-Town Radio Amateur Club Inc.
PO Box 1296
Homewood, IL 60430-0296

March 2021



Tri-Town Radio Amateur Club Membership Application 2021

Name _____ Call _____

Address _____ License Class _____ ARRL Member Y / N

City, State _____ Zip _____ Phone _____

Email Address: _____

____ Regular Membership \$ 25.00
____ SWL Membership \$ 25.00
____ Extra Family Membership \$ 6.00

\$ _____ Total Paid by Club Member

For Example: Regular Member, with Family (25+6) = \$ 31.00

You can send your dues via paypal to: the_jaggards@sbcglobal.net

NEW and Easy way to pay your Dues! PAYPAL!

From Trish N9WGD Treasurer

Remember dues are due for 2021. (You can still send us a check too!)

The Board at its last meeting decided to add a PayPal option for paying your dues- so I have a PayPal account that we will be using- it is under my name- Tricia Jaggard- my email the_jaggards@sbcglobal.net. Dues are \$25 per year and \$6 for each family member.