

"DRUMLINS RUMBLINS"-DECEMBER 2022

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

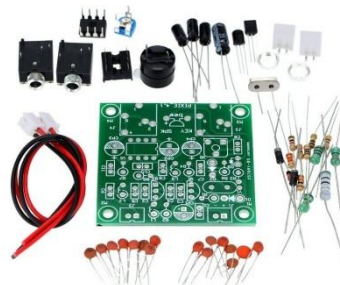
WEDNESDAY DECEMBER 21st MEETING START 7:30PM

REMEMBER this is a card-keyed entry which a DARC member will have to let you in.

Please arrive no later than 7:30 !!!!!!!!!!!



YES! WE'RE HAVING A PIZZA PARTY TO CELEBRATE THE HOLIDAYS FOR OUR DECEMBER MEETING !! We're having special drawings for prizes too, of which here are examples:



So bring your taste buds and leave your wallet home as this FREE but Tris will still have her scones too!!!



IT WILL BE A

FUN MEETING!

PRESIDENT'S KORNER

This month's president corner is notable for the fact that it will be my last. I've enjoyed 9 years serving on the board of directors and the past 3 years as President of Drumlins. I hope that during this time we brought some positive changes to the club. We have obtained a trailer, we have participated in numerous events over these years we have upgraded a lot of our radio equipment, and we all survived the pandemic, probably the best of all. I'm very happy that we're back to meeting together and that we had a successful hamfest this past year and look forward to many more. I want to thank all the members of the club for participating and working hard to keep our club going. Everyone who's been on the board of directors has devoted a lot of time to the club and their efforts are greatly appreciated. I'm very thankful to have had the people that have been working around me. We have a lot of great radio people in our group and I hope everybody can continue to work together to keep it going.

We will have a special treat for this month's meeting on December 21st at 7:00 p.m. at the EMO. We will have pizza Trish's delicious scones and soft drinks along with five door prizes. We have spared no expense to bring you the greatest most highest quality most least expensive gifts you can find. Hi hi. I hope we'll see everybody there and we can have a good turnout and enjoy a little Christmas cheer. REMEMBER the downstairs door is open until 830pm. Our meeting is on the 2nd floor.

Dave Taylor will succeed me as president as of January 1. Dave has been a long time very active member with Drumlins and I'm sure he will continue to lead this club excellently.

I hope we can have a decent winter and that Buffalo got all the snow. Please be safe, healthy and best wishes for Happy Holidays.

Bill Tegtmeyer KD2DNO
President



BILL !!!!!!!!!!!

Since I am the incoming President of DARC, I will speak on behalf of the club membership. Bill, thank you for your many years being the President for DARC! You are commended and we give you a big CW "FB" for your faithfulness. Obviously since you moved to your new QTH coming to DARC meetings will be a long travel especially in the bad winter weather. But we hope you can make it to the meetings, events, etc., as much as you can. We know will you support DARC as you

have from the beginning.



73, Dave KB2KBY



RACES-ARES DECEMBER 2022



WITH THE **CHRISTMAS** and **NEW YEAR** HOLIDAYS, THERE ARE **NO** ONTARIO COUNTY **RACES** OR **WARECS NETS** **DECEMBER 25th** AND **JANUARY 1st**!!!!!!



MERRY CHRISTMAS

HAPPY NEW YEAR

A Christmas Message to the World

On Christmas Eve morning, December 24, 2022, the [Alexander Grimeton Friendship Association](#), in southern Sweden will be on the air sending out a special [Christmas message](#) to the world.

The event will begin at 08:30 CET (07:30 UTC) with the startup and tuning of the Alexanderson alternator transmitter through Grimeton Radio Station, call sign SAQ. The transmission will begin at 09:00 CET (08:00 UTC) with the 98-year-old 200 kW Alexanderson alternator on 17.2 kHz CW.

Grimeton Radio Station, SK6SAQ, will be QRV (ready) on the following frequencies:

3.535 MHz CW
7.035 MHz CW
14.035 MHz CW
3.755 MHz SSB
7.140 MHz SSB

QSL reports can be sent to SK6SAQ via email at info@alexander.n.se.

The event will also be live streamed on the Alexander SAQ Grimeton Friendship Association [YouTube Channel](#).

The Alexanderson alternator transmitter is the only remaining example of early pre-electronic radio transmitter technology. The station, built in 1922 - 1924, has been preserved as a historical site. From the 1920s through the 1940s, it was used to transmit telegram traffic by Morse code to North America and throughout the world during World War II.



More information about the December 24 Christmas Eve event and the transmitter can be found at the [Grimeton Radio Station](#) website.

KB2NCI and the SIARC "HEALTH and WELFARE NET"

A big CONGRATULATIONS and KUDOS to Tom, KB2NCI, for Tom's dedication, time and patience doing the "health and welfare" nets on weekday nights at 8:00pm on the 146.820 repeater.



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

KA1CNF AND NEW 715 REPEATER

Attached is a picture of what the repeater site looked like before the Micor was removed and a new rack was installed with the new DR2X and DStar repeater. Gary has pictures of the new set up, I did not take any.



The 2 meter 'cans' are to the right. The test DR1X repeater is sitting on top of the old Motorola Micor repeater. On top of the DR1X is the filter for the input and the circulator for the output.

On the left is the old rack for the DStar repeater on 444.800 MHz. The 2 meter and 70 cm repeater now sit in the new rack mount.

The test repeater, a DR1X was removed on the Saturday before Thanksgiving and replaced with the brand new repeater, a Yaesu DR2X.

It was set up with the following:

110.9 Hz tone in and out
3 minute TOT

20 watt output (capable of 50)

Short (50ms) tail squelch. There is no courtesy tone or beep after your PTT is dropped

AMS (automatic mode select on input, digital or analog in)

Fixed FM output

In the future when there is eventual digital Fusion on the output you can set your radio to tone squelch and you will not hear any of the "digital output". You will always be able to use the repeater analog to analog as well.

Thank you for your support of this repeater. If you have any questions please ask!

More features/enhancements coming!

Steve/KA1CNF, on behalf of the DCAP group. [Thanks, Steve!]

MEETING PROGRAM

Since this month's meeting is a party with pizza and treats, the program will be very casual. KC2TNJ has a short u-tube to show as he has done in the past meetings. KB2KBY's son managed to find a good blue-ray copy of the Tom Hanks movie "GRAYHOUND" which was about a Fletcher class destroyer fighting the U-boat menace in WWII in the five year plus long "Battle of the Atlantic." It does a great showing all the inventions talked and shown about in a past program in which the



Allies finally got the upper hand. It will run about 20 minutes. This is the best movie that most accurately depicts this time period which the "Battle of the Atlantic" deserves and has long been ignored.

SKYWARN RECOGNITION DAY 2022

Hi Dave, (From an email to me. TNX, Lloyd.)

I forgot to tell about Skywarn Recognition Day!!!

Info re: My time spent in the basement for Skywarn Recognition Day.



(picture from last year)

Stats are as follows:

Total number of stations-----> 98

Total number of SRD stations----->42

Total number of NWS stations ----->09

Total Number of Canadian Stations----> 06

Total number of states----->21

73,

Lloyd KB2FSB



NORAD Satellites, Fighter Pilots Help Track Santa

Every December, millions of families around the world track Santa's Yuletide journey through the North American Aerospace Defense Command's Santa Tracker. "NORAD Tracks Santa" is a holiday tradition that started from humble origins — and as a fluke — but has now grown into a massive volunteer operation.



Kids across the U.S. have grown accustomed to following Santa's journey by tracking his flight path online or by making a good, ol'-fashioned phone call to find out where he is. They're also able to play games and watch videos of his progress through the mobile "NORAD Tracks Santa" app.

They can do all this thanks to the hard-working folks at NORAD, who start the task of tracking Santa each November when [NORADSanta.org](https://www.noradsanta.org) starts getting inquiries from families. About 70 contributors help set up the site, apps and phone lines, while more than 500 uniformed personnel, Defense Department civilians, their families and supporters volunteer time on Christmas Eve to answer children's questions on Santa's whereabouts. While [COVID-19](#) has reduced volunteers at traditional call centers, virtual call center capabilities will be able to pick up any slack.

Since NORAD is the protector of the skies over North America during the rest of the year, it's specially equipped for this mission.

"Twenty-four hours a day, 365 days a year, NORAD defends North America by tracking airplanes, missiles, space launches and anything else that flies in or around the North American continent," said Air Force Gen. Glen D. VanHerck, NORAD's commander. "As we have since 1955, this Dec. 24th we are once again ready for our no-fail mission of tracking Santa."



NORAD's powerful radar system, called the North Warning System, has 47 installations across Alaska and northern Canada. As soon as that radar system picks up on Santa departing from the North Pole, NORAD tracks him via globally-integrated satellites using their infrared sensors. Normally, those sensors allow NORAD to see heat from launched rockets or missiles. As Santa flies around the world, satellites track his position by detecting Rudolph's nose, which gives off an infrared signature similar to that of a missile.

NORAD also tracks Santa using U.S. Air Force F-15, F-16, F-22 and Canadian Air Force CF-18 fighter jets. On Christmas Eve, fighter pilots rendezvous with Santa off the coast of Newfoundland to welcome him to North America. They escort him safely through North American airspace until he returns to the North Pole.



The operation has become a well-oiled machine over the years, but it wasn't always easy. In fact, the whole thing started by accident.

How the Tradition Began

Back in 1955, the folks at the previously named Continental Air Defense Command Operations Center in Colorado were working a typical night shift when Air Force Col. Harry Shoup got a phone call from a child in Colorado Springs, Colorado. The boy had followed the directions in a department store's newspaper advertisement that told children how to call Santa — except the number had been printed incorrectly and instead called the operations center.

Shoup could have been a Scrooge about the whole thing, but he wasn't. He entertained the boy's call as well as the rest of the calls that came through due to the misprinted number. Throughout the night, Shoup and his operators answered calls, kicking off a new tradition.



The role of tracking the big guy rolled over to NORAD when it was formed in 1958, and it's been getting more popular and more technologically-savvy ever since. Aside from calling in to talk, kids can now use social media and a mobile app

to follow St. Nick. Virtual assistant Amazon Alexa and vehicle navigation service OnStar are also helping to track him, and the website NORADSanta.org offers a countdown clock, games and videos that are available in several languages. The tracking of Santa is a holiday tradition around the world. In 2020, NORADSanta.org received more than 11 million visitors from 200+ countries and territories; call center volunteers answered more than 20,000 calls; Amazon Alexa was accessed more than 12.3 million times; and OnStar received about 12,400 requests to locate Santa. The @noradsanta Facebook page currently has 1.89 million followers, more than 206,000 follow along at @noradsanta on Twitter, and about 14,400 people follow @NoradTracksSanta_Official on Instagram.



The call center opens at 6 a.m. EST on Dec. 24. Kids can call 1-877-Hi-NORAD (446-6723) to find out where Santa is or use the above website, mobile app or social media. But officials warned that Santa only comes if children are asleep, so make sure they get into bed early so he doesn't miss delivering to their house.

Happy tracking, everyone!

FINAL NOTES



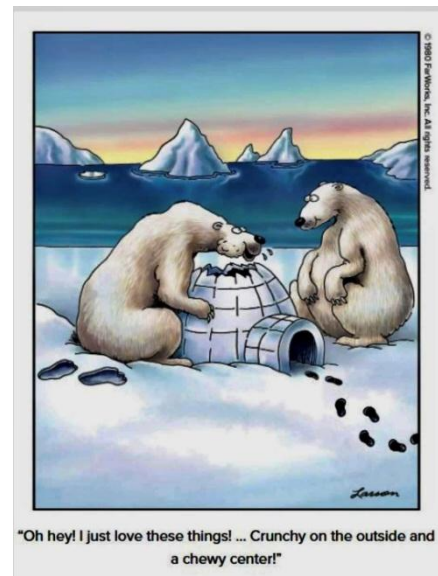
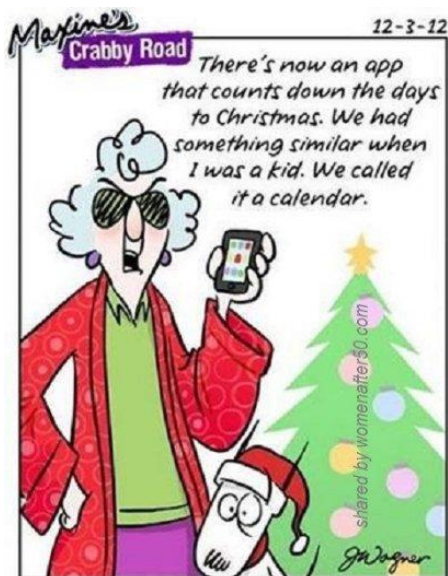
Time flies!

OUR MEETING DAY IS THE FIRST OFFICIAL DAY OF WINTER!



Wednesday, December 21, 2022, at 4:48 P.M. EST

Not Cool.





May Santa bring you what you want!

As the poem “The Night Before Christmas” goes...:

And laying his finger aside of his nose,

And giving a nod, up the chimney he rose;

He sprang to his sleigh, to his team gave a whistle,

And away they all flew like the down of a thistle.

But I heard him exclaim, ere he drove out of sight,

“Happy Christmas to all, and ->



->

. (See you next year!)

Be safe during the CHRISTMAS and NEW YEAR Holidays. Enjoy! Be thankful!

That is all for this month. Remember you got anything you think interesting for the DARC newsletter, email it to me, please. Pictures always welcomed.