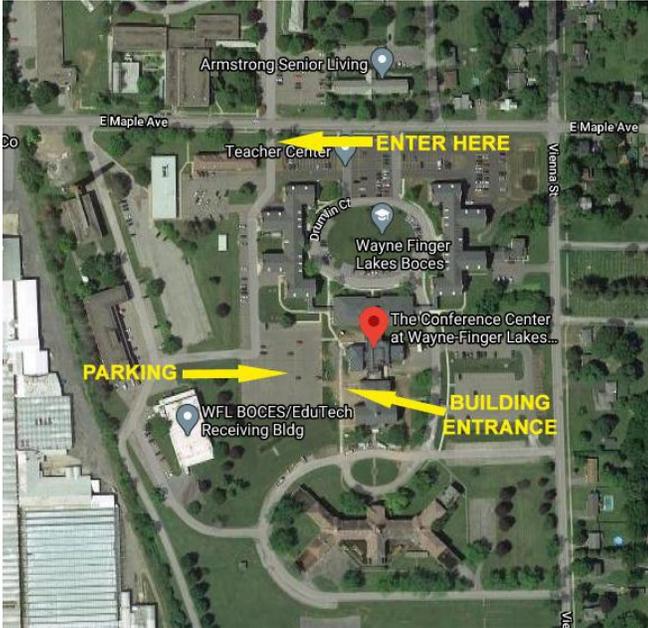


"DRUMLINS RUMBLINS"-MAY 2022

WE'RE meeting at the **CONFERENCE CENTER** at **WAYNE FINGER LAKES**
131 DRUMLIN COURT
NEWARK NY 14513
WEDNESDAY MAY 18th MEETING START 7:30PM
GALA OR EMPIRE ROOM



Just follow the arrows!

From Vienna Street take the THIRD DRIVEWAY entrance going west on the left. That will bring you to the handicapped entrance and parking area. (There is an entrance on the Drumlins Circle side but there are steps. Not handicapped available.) Make a right after going through the west double entrance doors and go down the hallway. Both the Gala and Empire rooms are across from each other near the end of the hallway going south. MASKS ARE OPTIONAL.



Remember to bring some cash for your coffee and Trista's "super good" goodies to eat!



PRESIDENT'S KORNER

[Editor's Note:] A big thank you to all the members of DARC who helped with this year's hamfest. Come to meeting and see how well we did. Both of our planned commercial vendors did not make the hamfest but we still did very well.

May 21st, Saturday, at 9:00AM we are having a work day getting the our club communications trailer in "ship shape" for the Tour de Cure. Our trailer is the only trailer there for a "local" repeater when HTs are used by ops.

The trailer is parked in the parking lot of the old SEMO underground bunker. Take the driveway for the State DOT right across from the Cross Park restaurant. The driveway will divide off into one which will take you to the old SEMO building-just look at the BIG communications tower. You can't miss the antenna tower. Speaking of the Tour de Cure there is still time to volunteer to help.

Don't forget the Ginna drills that Dave, KB2KBY, mentions in his portion of the newsletter.

HAMFEST 2022



Welcome



Part of the parking crew



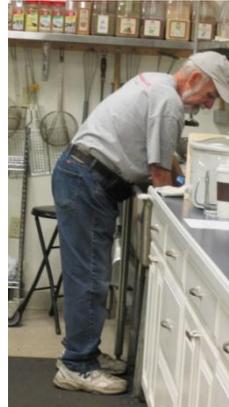
Table checker



Vendors



Cooks



"Chief" fest bottle washer



<---Clean up--->



THANK YOU ALL OUR HELPERS!



RACES-ARES MAY 2022



The DOD COMEX 22-2 participation by amateur radio ops was the most successful to date by the local amateur community. Several of the local net members were able to give their response to N2IZV and myself. I was too busy to participate for the whole event but did manage to get info for Russ on the 2m nets for status reports to Region 2 MARS. I know both SIARC and DARC members tried the 60m interoperability but the QRN was extremely bad during the daytime and tolerable for the evening skeds. This has been the most that amateur community has participated and you will see more being asked in the future. More would have been asked on the Ontario and Wayne RACES nets nest COMEX but is was ironic it was not in the timing of the COMEX. Again, stayed tuned.

GINNA DRILLS 2022: STATE GRADED DRILL
WEDNESDAY JULY 13, 9AM-1AM

FEMA GRADED DRILL
TUESDAY AUGUST 30, 9AM-1AM

There is a "continental" breakfast in the morning with a full lunch being served. The State drill is a good time for all DARC RACES members to get experience with our communications duties in the drills. This drill can be training event as well for members. SAVE THESE DATES!!!!!!!

The FEMA drill is "the" big guy where all is graded for the certification to keep the Ginna going. This drill is limited usually in the number of ops. If in the State drill an op is secure in their training, they can help with the FEMA drill.

We need more DARC RACES ops helping for both drills. we have lost RACES members for several reasons either they are SK or health issues that make it too hard for them to help. If you are interested in helping and have not gotten a RACES badge, contact Abby Wahl at the Wayne County EOC: 315-946-5663 and/or AWahl@co.wayne.ny.us.

Usually John O'Toole, the Radiation Officer, has a practice training before the State drill for the Sheriff Department participants. Keep looking for an email(s) or mention of training in the monthly newsletter when that may occur. We have trained with them the same time in the past. That is usually done right on the Wayne EMO property with no travelling out in the vans as we do for the State and FEMA drills.

Naturally you can contact me as well is interested in helping and getting a badge. Thanks.



Iwo Jima March 1945 4th Marine Division Cemetery

This picture of 1945 is a reminder of the Memorial Day weekend that there are no WARECS or Ontario County RACES nets SUNDAY. As a history teacher this picture I have never seen before. My brother Bob's, N2MLD SK and a DARC President when we were still in the "bunker," first father-in-law was on Iwo Jima. So I thought of Mel when I saw this picture. Mel passed away many years ago. At least give "good signals" out Memorial Day for those who served and those especially gave their all. I "think" of those veterans I knew who have passed away especially on Memorial Day.

This year I will have to add William "Sam" Space, a Vietnam War veteran to my list of remembrances. Sam is the Father of one of my 7th grade Fairport students, Sharon Space, who I had in my class in 1978-79. I had her sister Carol three years later. Sam was a Marine F-4 Phantom pilot who flew 272 missions in three tours. Some of those missions were from a WW2 Essex class carrier. (I have not figured out which carrier yet carrier or Marine group, Rich. I asked Sharon to send me more info. Sam was the same time as your tour.) I attended Sam's memorial service Friday May 13th in Fairport. Once we found out we were both veteran's we would harass each other. Hi hi. As a teacher we never get to see the "results" of our labor with students. Sharon is one who has kept in contact with me all these years out of a handful who keep in touch with me.

73 & 88, Dave KB2KBY Wayne EC/RO
C:315-871-8767 (I do text.)
kb2kby@rochester.rr.com

DARC PROGRAM

Unfortunate "Talks To Much Dave" will not be at the May meeting. The Fairport granddaughter has an orchestra concert practice the same night as the meeting. The son "harmonic" has a new job where timing wise he can't split himself in two to be at two places the same time at work and getting Autumn to practice. (Solomon had a problem like that. Hi hi.) But Jay, KC2TCM, found a good YouTube on the U.S. Navy's "On The Roof Gang- Pioneers of Radio Intelligence," which was nicely done by the AWA. I have seen this YouTube and it is excellent. It is about the Station HYPO in Hawaii in WW2.

As I have said before, all this ULTRA and MAGIC decryption done in WW2 is a credit to the analysis who could overcome the shire astronomical mathematical odds breaking the "codes" of the Germans and Japanese. It is a credit of these "democratic" thinking minds to achieve their outcomes. One of the faults of "autocratic" minds is the fear of telling those in control there could be compromise and the different departments not communicating well between other departments for whatever the reason. Remember it was the German Navy only who went to a 4-rotor Enigma thinking they were compromised. It was the cooperation of many intelligence departments that helped TOGETHER to break the German Navy 4-rotor cipher keys which took almost six months.

I realize it is not all "radio" but as we are finding out in the events of the Ukraine there many factors involved in winning a "fight." Mother Nature can be a great help at times when that time maybe the darkest. It is a fact that during the whole time period of WW2, atmospheric HF conditions were the best for communications ever. All the "messages" sent by the enemy and reception of those signals by the good guys was superb. All the "resistance" movements who had only 5-watt tube transmitting equipment, their signals were readily heard. Remember the map I showed showing the distance from HYPO in Hawaii and my Navy NSG (Naval Security Group), who had a listening post in WW2 on the Island of Adak in the Aleutian Chain to monitor the North Pacific Japanese messages. That station was only 800 miles from Japan and was not closed down until 1990s. The Russians in the Ukraine are having problems with their HF and VHF communications.

You'll find the YouTube interesting. Unfortunately I'll miss Tris' scones. Hi hi. Thanks, Jay, for your help.

Repeater Report May 2022- N2MKT Jeff

146.685- Report that the new repeater is not due in till June..did an update on the Allstar system, which resulted in finding that the iaxrpt app wouldn't work without adding some new information into the iax.conf file... after having a discussion with Jim W2COP stating the developers made a change... just in time for Tour de Cure.

Installed new junction box at my QTH that houses the linking equipment to Brantling, hopefully making link more reliable. This was 3 days of work to get everything switched over ..

146.745-Turned on AC to the shed..updated the Allstar firmware

224.900-Replaced lossy coax line with ½ superflex, seemed to help.

444.750-haven't checked wires-x etc. may need a reboot

From Harold W2HJC

Please welcome Don Mertz. He grew up in Palmyra, and comes back to the area 3-4 times a year. He lives in Hampton,VA. Call sign - KJ4MZ Class - Extra.

Welcome back Douglas Peeso. KD2ROP. He originally joined in 1994 and now he has rejoined us. [Editor Note: Doug was the President of DARC many many tears ago, also. So many years I can't remember. Hi hi. Doug was at our hamfest and I told him to "check-in" on the DARC website. 73, Dave KB2KBY]

DRUMLINS HAMFEST VIDEO: <https://www.youtube.com/watch?v=epJul6m3frk>

National Hurricane Center Annual Communications Test to be Held on May 28

WX4NHC, the amateur radio station at the National Hurricane Center (NHC) in Miami, Florida, will hold its annual communications test on Saturday, May 28, 2022, from 9 AM to 5 PM EDT (1300 - 2100 UTC).

The event is designed to evaluate WX4NHC's amateur radio equipment and antennas at the headquarters in Florida, and to give operators an opportunity to evaluate their home equipment prior to this year's Atlantic hurricane season, which starts on June 1 and runs through November 30. This event allows ham radio operators worldwide to hone their amateur radio communications skills for times of severe weather.

Brief contacts will be available on many frequencies and modes, as well as the exchange of signal reports and basic weather data with any station in any location.

WX4NHC will be on the air on HF, VHF, UHF, 2- and 30-meter APRS, and Winlink at wx4nhc@winlink.org (subject must contain "//WL2K").

The Hurricane Watch Net 14.325 MHz frequency will be active for most of the test, as will 7.268 MHz, depending on propagation. Depending on man-made noise, the net may move to different frequencies, and

participants can locate the net using one of the DX spotting networks, such as the DX Summit website at www.dxsummit.fi.

There will also be a [Voice over Internet Protocol \(VoIP\) Hurricane Net](#) from 4 - 5 PM EDT, or 2000 - 2100 UTC (*IRLP* Node 9219/*EchoLink* WX-TALK Conference Node 7203).

WX4NHC will make a few contacts on local VHF and UHF repeaters, as well as on Florida's Statewide Amateur Radio Network (SARnet).

QSL cards will be available via Julio Ripoll, WD4R.

For more information about WX4NHC, visit their website at www.wx4nhc.org.

FOR FUTURE REFERENCE: Annual Armed Forces Day Cross-Band Exercise

[Editor note: This could be a May 2023 event we could do from the EMO shack. I told my XYL, Jan, I have seen the "postcard" sent her via a MARS mobile CW HF unit at Ft. Devens MD on the cross band day 1965 and relayed to an amateur op. I said I'd would see her in a couple of weeks for leave. This was before I had to report to Shemya. I have to search for that postcard. Yep, Jan kept it.]

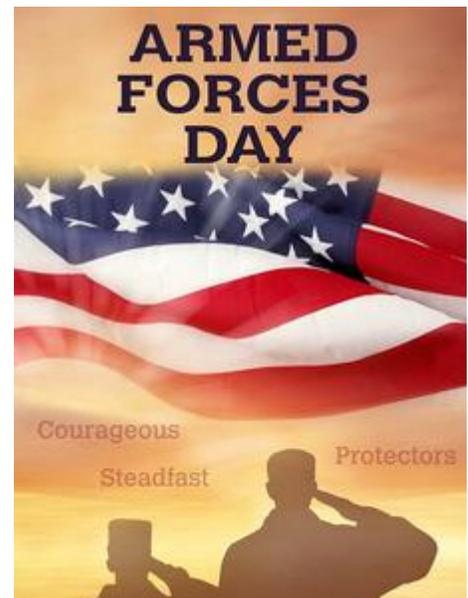
The US Department of Defense host the Armed Forces Day (AFD) Cross-Band Test traditionally takes place 1 week earlier then Armed Forces Day the third Saturday in May. The event is open to all radio amateurs.

The AFD Cross-Band Test is two-way communications exercise between military and amateur radio stations, as authorized under FCC Part 97 rules (47 CFR § 97.111), and Department of Defense Instruction 4650.02 which establishes the Military Auxiliary Radio System (MARS). During the exercise, radio amateurs listen for stations on military operating frequencies and transmit on frequencies in adjacent amateur bands.

[ARRL The National Association for Amateur Radio](#)® has promoted the participation of military and amateur radio stations in the AFD event for more than 50 years. In the August 1950 issue of ARRL's membership journal, *QST*, it was noted that "232 persons made perfect copy of the 'Greeting to Amateurs' broadcast at 25 w.p.m. over 13 military frequencies and have received a Certificate of Merit signed by the Secretary of Defense, the Honorable Louis Johnson."

There are 24 military stations registered across the United States, including Alaska and Hawaii, that will be participating in the 2022 event. Several of those stations will be using the 60-meter interoperative channels during this exercise. All operations will be on a not-to-interfere basis, in case there are real-world missions being supported during the event timeframe.

An AFD Secretary of Defense message will also be sent in CW and RTTY, and an AFD message will also be transmitted utilizing the Military Standard (MIL-STD) serial PSK waveform (M110), followed by MIL-STD Wide Shift FSK (850 Hz RTTY), as described in MIL-STD 188-110A/B.



The 2022 running of the Armed Forces Day Cross-Band Test will be May 14.

A detailed list of modes and frequencies for military/government stations taking part in the Armed Forces Day Cross-Band Test and information on the AFD message is available at www.dodmars.org. In the upper right corner is a dropdown with all the information.

Complete the request form to obtain a QSL card at www.usarmymars.org/armed-forces-day-qsl-card-request

INTERNATIONAL DIGITAL CONTEST

Contest Objective: Amateurs worldwide contact and exchange QSO information with other amateurs using any digital mode (excluding RTTY) that supports the 4-digit Grid Square exchange — attended operation only -- on the 160, 80, 40, 20, 15, 10 and 6 meter bands (Technicians are limited per FCC Rules to the 10 and 6 meter bands). Any station may work any other station. Stations may only be worked once per band, regardless of mode. Automated operation is not permitted -- each claimed contact must include contemporaneous direct initiation by the operator on both sides of the contact.

Dates: First full weekend of June (**June 4-5, 2022**).

Contest Period: Begins 1800 UTC Saturday, ends 2359 UTC Sunday,

Contest rules are now maintained as a single downloadable document.

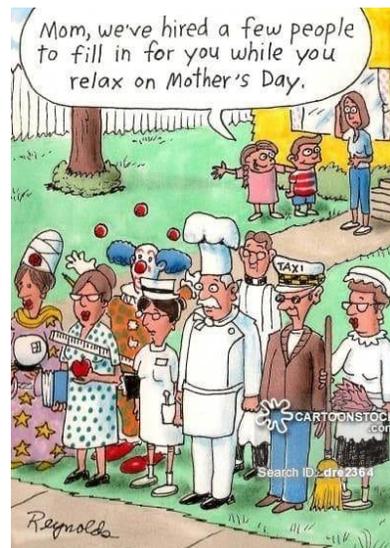
[Click Here for the complete ARRL International Digital Contest rules \(PDF\)](#)

FINAL NOTES

Found these after Mother's Day which you mothers should enjoy:



Very truthful!



You know you're old if you had this



Hi hi. Did you know the "cap" pistol was invented after the our Civil War. When the "war" ended the manufacturers had millions of "caps" for the Civil War muzzle loaded musket. Shortly after the Civil War military technology all "guns" changed to our modern day "cartridges." What do you do with all the Civil War musket caps? Someone got the idea of making toy pistols when a kid could play cowboy by firing the cap one at a time. Of course eventually the real "caps" were all used up. So the "modern" day cap pistol was invented. (Always the teacher. Hi hi.)



Really happened? Hi hi.

(See you next month. You have something interesting for the newsletter, please, send it to me!)

(I have to get all the hamfest picture to Harold to get on the website. Sorry, Harold. Patience. hi hi.)