

# Drumlins Amateur Radio Club, Ltd.

June 2018

**Drumlins' Rumblings**

Volume 8, Issue 6

## THE PRESIDENTS CORNER

### *KD2DNO*

Happy Beginning of Summer! Let's hope it meets everyone's plans and desires.

I understand we will be losing Glen KC2YGH next month as he moves back home to California to attend to family needs. Glen has been a very active member of Drumlins and served as President for several years. He has always joined in many activities including work days, Ginna drills and public service activities. His service to our Club has been amazing and greatly appreciated. We wish him a very happy and healthy future, 73 Glen.

We will be deciding on the trailer purchase this month at the Drumlins Board meeting. We will have a few party's to get things up and running and will need help with painting, electric wiring, cabinets and counter tops and more. Please find some space in your time to help out. If you have any special talents in getting our Communications Trailer ready, let me know.

The State Ginna Drill is in August and we still haven't heard of a pre drill practice. We will be in need of a DOSE van operator as Glen often filled this position. Due to space constraints, us "big" folk don't do well in this position. It's not physical but involves operating radio and computer equipment in a small space. Please consider stepping up and getting training for this position. Let me know.

If you have any suggestions for activities for Drumlins please contact me. Thanks to all our members and all you do in or community. Email me at.  
kd2dno@gmail.com. 73,. Bill

Thanks to the work crew putting up the new vertical antenna in May and working on the radios and doing DARC information pamphlets. The work was done after our May meeting but in time for the June newsletter. Thanks to: WE2LEW and his XYL, Nila, KA1CNF, KB2FSB, N2MKT, N2IZV and KD2DNO for their work.

As always I took a few pictures the best I could. Of course you must put up antennas in the worst weather to make them work properly. N2MKT and KB2FSB get gold stars for their exceptional work in the rain. Hi. N2MKT says we need another short work detail tuning up the vertical especially on the 80mb but the antenna does keep the noise out better.







# Wayne County RACES/ARES

RACES-ARES JUNE 2018

Hey!, ("Hay? Hay is for horses!", my Dad use to say when I said that.), finally it feels like summer is finally getting here. The temps have been going up which was always a problem near the end of the school year. I feel bad for the six grandkids in school when it gets too humid and hot. The weather prediction for summer is higher than normal temperatures. I'll have to hit the pool at the farm or Fairport with the in ground pool or I'll hibernate in the QTH with the central air. Hi. I'll have to see if the laundry needs catching up too. Hi. Bless the inventor of air conditioning and the manufacturing of it so you and I can afford to have it. Remember as a kid how you baked sleeping at summer nights! When school was out until school reopened in the "fall," I slept outside in the two man pup tent under the apple tree on the side lawn of the family homestead. I sure couldn't do it now. Hi.

Those warmer temps and humidity means more thunderstorms too. As I type Wayne County along with most of the neighboring counties had a T-storm warning but luckily the real stuff passed more south and east. "Glad it was them.," my Dad use to say too. I did get one of the NYSEG automatic phone calls with the storm warning and possible power outages and what to do if help was needed. I had to explain to the XYL, NYSEG is doing it just to keep themselves out of trouble for not keeping their line maintenance up. The Weather Net text came up on the cell phone as well. And of course June starts the hurricane season until November. Summer-hot weather indeed. Hi.

When the weather can get a little if-y remember to keep the 146.745 repeater handy on a mobile rig or a HT. Remember the Tuesday night DARC weather-gift-y gab net as well at 7:00PM to check in for a weather report and just to have fun. Of course the net comes in handy like any net keep an eye on our equipment and antennas to see if they are up to snuff. This week's Tuesday DARC was canceled as KD2DNO had some antenna problems. Even on the Sunday WARECS net it is surprising how many ops that check in the Ontario County RACES net either have FIDigi problems or communication problems period on our net just 10 minutes after theirs. Frustrating it is! Don't I know it with my compromised QTH and the electronic gods just love to trip me up. Nice to know those gods do act up for some other op and not just me. Hi. Of course at anytime the weather looks like Mother Nature is testing us, be ready with at least communication without commercial power how ever you can best handle the situation. Seems like we have something every season but winter and summer seem to bring the most weather related problems. As much as voice messaging is very outdated, the fact is we still use voice messages for RACES as a backup when the new modes of comms fail. Those electronic gods again.

This nice weather is volunteer time for all the different events going on in the area. Some have already passed by. What was the last one this past weekend? Tour de Cure? Keuka Triathlon? Hi, I honestly can't remember although I got the time report and members who helped from KD2DNO. We had the Williamson Apple Blossom festival too. Musselmen Event is Saturday and Sunday, July 14th and 15th.

Saturday, August 25th is the Rochester MS Ride. What else? There is just too much going on at this season of the year. This is just the summer no school months and more coming in September when school starts back up. Even I have a hard keeping track of things. Thankfully KD2DNO has keep the emails posted and our website has the events there too. Whew! Just do the best you can when you can. It is all you can do.

Oh, yes, how can I forget! The State graded Ginna exercise is August 14th, Tuesday, starting at 8:30AM. No call out this exercise as the FEMA exercise expects until next year 2019. Dose "King" John O'Toole has promised to inform me when this Dose van teams will be having some training drills which I said we would like to be part of. So keep your eyes and ears alert for the information when that comes out. We may just have our own extra training and preparation as well for Ginna. KB2DNO has been a wonder keeping all the emails and announcements straight and alerting the club members. Thanks for that, Bill. But you must pay attention too to those emails. (I admit, as I bow my head in shame, I have been delinquent in reading some of the emails.) It sure isn't the doldrums of winter! Hi.

When the weather can get a little if-y remember to keep the 146.745 repeater handy on a mobile rig or a HT. Remember the Tuesday night DARC weather-gift-y gab net as well at 7:00PM to check in for a weather report and just to have fun. Of course the net comes in handy like any net keep an eye on our equipment and antennas to see if they are up to snuff. This week's Tuesday DARC was canceled as KD2DNO had some antenna problems. Even on the Sunday WARECS net it is surprising how many ops that check in the Ontario County RACES net either have FIDigi problems or communication problems period on our net just 10 minutes after theirs. Frustrating it is! Don't I know it with my compromised QTH and the electronic gods just love to trip me up. Nice to know those gods do act up for some other op and not just me. Hi. Of course at anytime the weather looks like Mother Nature is testing us, be ready with at least communication without commercial power how ever you can best handle the situation. Seems like we have something every season but winter and summer seem to bring the most weather related problems. As much as voice messaging is very outdated, the fact is we still use voice messages for RACES as a backup when the new modes of comms fail. Those electronic gods again.

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Naturally since it is summer, use the time well to recharge your batteries from the long "sprin-ter" we had to go through. Have fun, do the gardening, whatever tickles your fancy with the warm weather. We all deserve it! Hi. But like the Boy Scout, "be prepared" and help out when you can with the RACES and ARES events. Don't forget to email, text, communicate to me the dates and time you volunteered for both organizations with DARC or SIARC or any amateur club.

Whew! I think I'll take a little res-pit now. My mind is like a whirling Dervish thinking about what is going on. Hi. Enjoy summer.

73, Dave KB2KBY RO/EC

Due to the summer Picnic on Sat August 11 at 4pm at the Palmyra VFW, The Board agreed to cancel both the August Board and Regular Wed Club meeting. We look forward to seeing all Club members and families at the Picnic.

## PROGRAMS:

**June-** Don N2VDE has graciously offered to do a presentation on Field Day for our June meeting. It's the same presentation he just gave at the SIARC meeting last week.

**July-** New SWR Analyzer.



We are **W2S** for field days again this year!

# ARRL FIELD DAY 2018



## Grid Chase!

[www.arrl.org/FieldDay](http://www.arrl.org/FieldDay)

The most popular on-the-air operating event in Amateur Radio. Gear up and get in on the action!

**Participate in your local  
ARRL Field Day June 23-24, 2018  
All are Invited!**

### SIARC & Drumlins Ham Radio Field Day

Location: Varick Fire hall  
4682 NY-96A  
Geneva, NY

Setup: Saturday June 23<sup>th</sup>, 10AM

On the Air: June 23<sup>th</sup> 2PM till June 24<sup>th</sup> 10AM

Break down: Sunday June 24<sup>th</sup>, 10AM to 1PM

Talk-in: 145.130 PL 110.9 and 442.225 PL 82.5

More info at: [www.siarc.us](http://www.siarc.us) or [DrumlinsARC.us](http://DrumlinsARC.us)



EVERY TUESDAY 7PM.DARC NET on 444.750. Friendly rag  
chew and weather reporting.

EVERY SUNDAY 8:35 pm. WAREC RACES NET 146.685  
(EXCEPT NO NET SUNDAY JUNE 17 Father's Day)

EVERY SUNDAY 7pm SIARC NET 145.450 (EXCEPT SUN JUNE  
17 Father's Day)

Wed June 20.Drumlins Club Meeting. Testing at 6:30 pm, doors  
open at 7pm, meeting starts at 7:30 pm

Sat and Sun June 23 & 24 Field Days (set up Friday night). See  
[www.drumlinsarc.us](http://www.drumlinsarc.us) for more info

The State GINNA drill is Tue Aug. 14. We will have a practice session sometime before that date. Currently listed on the EMO Notification list are: Dave Taylor, AL Cook, Rich Hamill, Russell Harris, Russell Millspaw, Lloyd Durfey, Jay Hamill, Justin Toarmino, Jeff Jensen, Ed Kasproicz, and myself. I asked George to add Laura Dean. Glen Bruemmer was removed as he's moving out of state shortly.

This list does NOT mean no one else can participate. In fact, we encourage anyone who is interested in being part of this invaluable team would join us. GINNA has provided us with valuable equipment and financial support. Glen has been a valuable member of this team and we can now use some additional help. We will announce the practice date soon. We'd like to coordinate it with Jeff who needs to do a few finishing touches on the new HF Antenna. Participation in the practice session is strongly encouraged.

The Federal drill (which will not occur this year but will in 2019) does require you have participated in a STATE drill previously so this will be a great opportunity to join the Wayne County RACES/ARES GINNA team.

Please email or contact Dave Taylor KB2KBY, email [kb2kby@rochester.rr.com](mailto:kb2kby@rochester.rr.com) at your earliest convenience and let him know if your interest.

Thank you, Bill Tegtmeier KD2DNO

# Board of Directors

## BOARD MINUTES

6/11/18 Call to Order at 18:15

Attendees: KD2DNO, KC2TNJ, WD2STK, KC2TCM, N2IZV, K2MPE, W2WBD, Trista Hamill, Brenda Cook

Treasurer Report: We made and lost some money. Not doing too bad overall.

VE Report: August session for testing is cancelled since WD2STK will not be in town. We had 5 individuals help with Hamvention over in Ohio. This club is fairly well represented there thanks to the efforts of Dave Mette, Walt Dutcher, Russ Harris, Jay Hamill and Sabrina Hamill. Sabrina has already made her reservations, have you?!?

RACES/ARES: There is not a set date yet for the training for the Drill in August. Unfortunately we may be short a volunteer who normally is available, please help if possible.

KB2KBY is working with Epsilon for a possible donation to the club.

### Repeater Report:

The repeaters worked well for the Tour De Cure. The issue that was encountered was the new pickups don't have mounts in front like the older ones did and so the amount of coax was a issue with the radio. Past years people tapes stuff but it ended up removing paint. They will need to figure out a better alternative.

Jeff asked for assistance with a new antenna and getting a lift in order to fix his repeater. \$250.00 assistance was motioned by K2MPE and 2nd by: N2IZV approved by all. (Suggestion in the future is a gofundme or some other assistance that way.)

### Membership:

Lew has the brochures and media release for the Tour De Cure and Field Day. There should be a news reporter from Rochester at Field Day.

Field Day we are getting there, more help is needed to help set up the tent on Friday the 22nd at 2 PM. As is we have 4 people who have said they will be there to help out. Before the meeting on the 20th, at 5:30 PM, please meet at the SEMO if you are able to help load the antenna and items for Field Day.

### NO BOARD Meeting, Club Meeting or TESTING in August!

Business: Walt bought the trailer for \$575 and didn't see anything less than \$1,000. He fixed the lights on the trailer. The trailer is not inspected or registered. The roof also needs to have some rust converter or fixed to avoid it from getting worse. The board voted to purchase the trailer from Walt and refund him the cost of the lights that he had already applied towards the trailer. Walt will register and it stays at Jeff's house. There were two abstentions from voting for the trailer. Motioned by N2IZV 2nd by KC2TNJ

Numerous tools Jeff has listed should be at the EMO for usage. We are asking Jeff to make a list of those items and to bring it back to the board.

Old Business: Classes for new hams is suggested to occur over at the Newark Library. We bring the course in the library publicizes it. We want to open this up to SIARC to see if they want to offer and help as needed with this. The biggest thing right now is finding teachers and then times could be determined.

ARRL Technician Instructor book is \$25. The individuals would pay for the books (or we order in advance. The \$25 gift card is donating the instructor manual for the ARRL from Jeff.

At the Apple Blossom festival, a canopy was helpful in the inclement weather. It can be found on Amazon to cost about \$85. There is more talk about having displays at Wegman's or Walmart for Ham Radio. Another suggestion is helping locally to assist with the individuals over in Babcock Covey for Jamboree on the Air.

Adjournment at 19:23



# Repeaters

Repeater Report May 2018

**146.685-** Not much to report ..Working

**146.745-** Reports of noise..not sure if this has reduced some.. or not... at some point id like to lower the squelch level.. I believe the repeater hears the PL tone but doesn't open the squelch.. squelch maybe to tight.. Had a request from Bill to make a macro for the Darc Net this should play nightly before 6pm.

**444.750-**Nothing to report... Need to halt Dstar and Fusion for the Tour de Cure..

**224.900-** Steve is ready to test the allstar on the hill. Trying to setup a time that we are all available..

Please be advised that it's that time of year were inversion and storms effect the repeaters.. These repeaters are working very well for their locations.

Respectfully Submitted

Jeff-N2MKT

## Antenna Shoot out!!! GAIN!!! How much gain does your antenna have???

Comet Sbb-7    2m- 4.5 db    440- 7.5db    54" inlong    S9 in Webster on .745

Hustler lmc250    2m-2.4 db    440- 4.0db

"1/4 wave is unity gain, short (compared to the others at least) and generally works well. It has a fairly uniform pattern both vertically and horizontally (meaning its patters looks like a circle as far as range and half a doughnut as far as radiation angle goes) so it works well in urban areas where the sites are on high buildings. It generally requires a ground plane to work as designed.

Typically a 0.85 db loss!

1/2 wave is quite similar to the quarter wave antenna where its main advantage is it doesn't require a ground plane to work as designed. There are versions that provide a bit of gain, but those also are somewhat directional (directionality increases with gain).

5/8 wave antennas generally gives about 3 dB of gain, is longer than the others and requires a loading coil to work correctly. It's omnidirectional, but has a high angle wave (so it works well when the site is not nearby and on a tall tower or mountain top, but not so well when the site is nearby and atop a tall building). It requires a ground plane to work as designed"

From N5IMS.

If your running a small ¼ wave cuz you don't want it hitting the garage roof don't complain to me...



## Message from SIARC

Just wanted to let you know that SIARC will be holding a 65th anniversary Special Event station and our summer picnic at my house in Victor on Saturday, August 4. We plan on running some HF stations from 10am to 8pm and Drumlins would be invited to join us. Keep it in mind.

73

Tom Sanders, KB2NCI  
Ontario County ARES/RACES  
[www.siarc.us](http://www.siarc.us)

Please RSVP to Tom if you plan on attending.

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Robert Speta, Meteorologist for WHEC News 10 in Rochester, will be bringing a crew to do a story on us on Saturday at Field Day. Show them what we are made of!!

## Radio Club Contacts

### **Drumlines Amateur Radio Club Ltd. (DARC)**

Bill Tegtmeier KD2DNO      kd2dno@gmail.com

### **Monroe County ARES**

Jim DiTucci, N2IXD      N2IXD@arrl.net

### **Rochester Amateur Radio Association (RARA)**

Frank Schramm, WB2PYD      WB2PYD@arrl.net

### **Rochester DX Association (RDXA)**

Paul Kolacki, K2FX      usafpilot@rochester.rr.com

### **Rochester Radio Repeater Association (RRRA)**

Brad Allen, KB2CHY      kb2chy@frontiernet.net

### **Rochester VHF Group (RVHFG)**

Dave Hallidy, K2DH      K2DH@frontiernet.net

### **XEROX Amateur Radio Club (XARC)**

Ned Asam, W2NED      w2ned@frontiernet.net

### **Squaw Island Amateur Radio Club (SIARC)**

Steve Benton, WB2VMR      sbenton2@rochester.rr.com

### **Antique Wireless Association (AWA)**

Lynn Bisha, W2BSN      lbisha@rochester.rr.com

### **Fisherman's Net Amateur Radio Club**

Jim Sutton, N2OPS      jim@atrym.org

### **Genesee Valley Amateur Radio Assn**

Bill Boyd, N3DSP      N3DSP@lafireline.net

## **Drumlines Leaders 2018**

President	Bill Tegtmeier KD2DNO	315-744-0434
Vice President	Rich Hamill KC2TNJ	315-986-8589
Secretary	Sabrina Hamill, WD2STK	315-210-8078
Treasurer	Walter Dutcher II, W2WBD	585-224-5581
Program	Jay Hamill, KC2TCM	315-210-8078
RACES/ARES	Dave Taylor, KB2KBY	315-597-4293
Director 3 yr	Al Cook K2MPE	315-398-0936
Director 2 yr	Justin Toarming W2JPT	585-944-8096
Director 1 yr	Russell Harris N2IZV	585-738-0321
Repeater Chair	Jeff Jensen, N2MKT	315-879-1588
PIO/Membership	Lew Ellwanger WE2LEW	315-587-3509
Newsletter	Lew Ellwanger WE2LEW	315-587-3509
Club Trustees	Jeff Jensen, N2MKT Sabrina Hamill WD2STK	315-879-1588 315-210-8078
Website	Richard Hamill, KC2TNJ Justin Toarming W2JPT	315-986-8589



**OFFICIAL**  
**SKYWARN**  
**Storm Spotter**



A US National Weather Service and Amateur Radio Volunteer Program



Club Address:  
Walter Dutcher W2WDB  
144 Berg Rd.  
Ontario, NY 14519  
Email: drumlinsarc@gmail.com



### **WAYNE COUNTY RACES**

#### **VHF NET**

#### **TIME-FREQUENCIES**

SUNDAY EVENING 8:35PM

PRIMARY:

146.685 (PL 71.9)

WA2EMO REPEATER

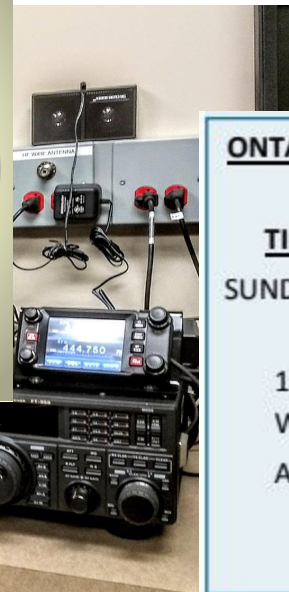
Secondary

146.745 (PL 71.9)

WA2AAZ REPEATER

Voice and Digital

FLDIGI MT63-2KL



### **ONTARIO COUNTY RACES**

#### **VHF NET**

#### **TIME-FREQUENCIES**

SUNDAY EVENING 8:00PM

PRIMARY:

145.450 (PL 110.9)

W2ONT REPEATER

ALSO MONITORED

146.820

(PL 110.9)