



NOARS Log



June 2020

K8KRG

Volume 56, Issue 6

Table of Contents

President's Message	1
Vice President's Message	2
Social Events	3
Birthdays, Heard on the Nets	4
Calendar of Events	5
Golden Nuggets from the Sixties	6
ARRL Special Waiver for Field Day 2020	7
May Meeting Minutes	8
Free Stuff	10
For Sale	11
NOARS Information	15

Prez Sez

This experience of staying at home and dealing with Covid-19 has really pulled the curtain back on my self-diagnosed ADHD along with PTSD and anxiety. I have got so many projects going on at once that it has me spinning in circles. Besides my ham radio operations, I decided to explore Raspberry Pi's again but, of course, that means I have to refresh my C programming and/or learn Python 3.8. Then I had our clothes washer die and had to repair it. I have it resuscitated but have decided that it's being almost 20 years old, it might be time to replace it. Okay. No big deal... wrong! Our machines are up on a 5"

high concrete pad which is the perfect size for them but the newer machines which we want, will require a bigger pad. So, I am now trying to be a construction person and pour concrete to make it 5.5 inches wider and 3" longer. So, far that is going okay. But, wait, I have a 3D printer on order which I have to prepare to assemble and find a place to put it. Oh, I have to work on the garden out back. AND...the lawn needs mowed. The flower beds need to be weeded and landscaped. Geez. I know how one eats an elephant...one bite at a time but I am biting it all over the place and it is still

(Continued on page 2)

June Membership Meeting Program

Ideas & Resources for Growing Youth Involvement in Amateur Radio.

Anthony Luscre, K8ZT, Assistant ARRL Ohio Section Manager for Education Outreach, will present this program via Zoom. It's based on his article in the March 2020 CQ Magazine.

June 15, 2020 Virtual Meeting on Zoom at 7 PM

It's easy to sign on. Look for information on page 3 of this newsletter.



Nets

NOARS nets are Tuesday nights at 8 pm on 28.370 MHz, and Thursday nights at 8 pm on 146.700 MHz. All licensed amateurs are welcome. Participation is encouraged and appreciated.

(Continued from page 1)

the same size. Hi!

So, how are you all doing? Our May Zoom meeting went nicely. We had a real good turnout. Thanks to all who were able to attend. I am exploring making the video available on the website in the Members Only section. From what I can tell, the presentation I made was okay. I did get comments that a little more detail regarding setting it up would have been nice. I will work on that... maybe. (See first paragraph).

The sad news, I fear, is that we have canceled our organized Field Day operations. It just is not a good idea at this point in the pandemic to be gathering. The limitations would be too restricting for us to perform a successful operation. Personally, again, I would not participate anyway. I plan to operate as a 1E in my backyard as most who attended the membership meeting said they plan to do. You can operate as a 1D also but

may not count other 1D stations as a contact.

It is also becoming apparent that we will also have to cancel our July NOARSfest at LCCC. We have not heard back from the College regarding their planned situation in July but I am almost certain the school will be closed and large gatherings will not be permitted. In order to give advanced notice to all concerned parties, we will be making that decision in the next week or so. It is a double whammy but there is next year.

Tomorrow (as I pen this) is Memorial Day but we are staying home. Most events are canceled and even if they weren't, I would still stay home. There are some virtual ceremonies to which I may tune in. I will be thinking of all my fellow veterans, especially those who gave the ultimate sacrifice to protect our freedoms and liberties.

Everyone, take care. Until next month, be safe and 73,
Carl W8KRF

Vice President's Message

Due to the Corona virus, Field Day has been canceled at Indian Hollow Reservation, no permits are being issued, or the park is not open for groups until July 1st. I was looking forward to it, as I always do. I've heard it said Field Day is one of the two holidays for all amateur radio operators along with Hamvention, which was also canceled. I will either operate out of my backyard or at a remote controlled airplane air field with another club member Dan, W8AJF. While the virus is nothing to mess around with, I feel, as I do with a lot of news stories, that they overstate the seriousness of it. It is serious, but not as serious as they make it sound; that is my personal opinion which has been criticized. I feel that given spacing and some precautions, we could have held Field Day as per usual with minor modifications. But we won't get that option. Hopefully next year it will be better and we will be able to get together again, as this may be a one-time cancellation, or something exceptional. I

believe most members are doing it individually, mostly at home bases or with another Ham. They should participate as if they were having to be out away from home operating under what appears to be emergency conditions. That is the way Field Days usually run, sort of. But I think more people will be able to participate if they only moved to their backyard with everything that is at their disposal at their residence and hopefully the weather will be good as it has been in past years. We've never had really bad weather and this time operating will be my fifth Field Day. The weather always has been reasonably good, maybe a little warm, or a few drops of rain, but nothing serious. I hope all members can participate in some fashion from their homes or other places of choice. Well, good luck, have fun and make a lot of contacts. As in most negative things, this too shall pass and we can come back stronger next year for Field Day, "God willing and the creek don't rise"

Notice from Lorain County Metro Parks

LCMP has notified NOARS the following: "We regret to inform you that we must cancel your June shelter/room reservation for Lorain County Metro Parks. Due to

COVID-19 (Coronavirus) social gathering restrictions, all LCMP facility reservations are being canceled through June 30, 2020."

Upcoming Social Events

June

Virtual NOARS Lunch Tuesday, June 2

Join us on **Zoom at noon** for our third Virtual NOARS lunch. Carl, W8KRF, sent an email May 21st containing sign-on info. If you think you didn't receive it and you should have, look in your spam folder, or contact Carl.

A Gathering of Family and Friends

Now that restaurants have re-opened, a few of us are getting together at **Golden Corral in Elyria on Thursday, June 4 at noon**. The restaurant takes precautions to keep customers and staff safe. This does not replace the NOARS Tuesday Virtual Lunches but is in addition to them. Please let Elaine, KC8FOS, know if you will join us. ewilkinson1951@gmail.com or call 216-337-4235.

Welcome New Member!

Erik Rogal, KD8RNF of Birmingham, OH, is our newest member. Welcome, Erik. We hope to see you soon at a

Zoom Membership Meeting as well as hear you on the nets.

NOARS June 15 Meeting Will be Held on Zoom

Below is information sent by Carl. W8KRF in an email.

What do I need to participate in a zoom meeting?

You will need a computer or device with a webcam and microphone to participate in a Zoom session. If you do not wish to have an account, all you'll need to do to participate is click on the link for the class that your contact will send to you via an email invitation.

Do you have to have a zoom account to join a meeting?

A Zoom account isn't required to attend a meeting. Users do need a Zoom account to host a meeting. ... Anyone can join a meeting using the Zoom mobile apps or desktop applications for Windows and Mac.

Do you need a webcam for zoom?

Do I have to have a webcam to join Zoom? You are not required to have a webcam to join a Zoom group video call. You will not be able to transmit your video. You will continue to be able to listen to video calling and view any screen sharing.

How long is a free Zoom meeting?

With the free version of Zoom, users can hold an unlimited number of meetings, but group meetings with multiple participants are capped at 40 minutes in length, and meeting can't be recorded.

Food Group Net

The Food Group is held every Wednesday evening on the 146.700 repeater at 7 PM. The conversation is not just about food – we talk about many things, including

amateur radio issues, books, tales from our childhoods, current projects, family happenings, and more. We hope you can join us.

June Birthdays - Happy birthday!

Tom, KE8BTR

Bob, W8IMO

If your birthday doesn't appear here it's a good chance that it's not in our database. Please contact Carl, W8KRF so we can wish you a Happy Birthday!



Membership Zoom Meeting Attendance May 18, 2020

Dave, W1AFC

Bill, AC8FD

Dave, KE8MVS

Tom, K1TRB

Dan, W8AGF

Tom, N8FDY

Bob, W8NNC

Bill, K2WJS

Eric, N8AUC

Elaine, KC8FOS

Tedd, KB8NW

George, WA8YVF

Bill, KD8BBI

Chet, K8KIZ

Jim, KD8OCW

Ann, KA8ZEP

Tom, KE8BTR

Carl, W8KRF

Bob, W8OOT

Al, N8CX

Tom, W8KYZ

Dave, KY8OSU

Steve, WA0DVY

Allen, KE8KZO

Robert, WA8THF

Heard on the Nets in May

Fred, WD8ADG

Elaine, KC8FOS

Pete, KE8NQK

KD8RNF

Dan, K8AGW

Mark, KC8FQV

Erik, KD8NRF

Dave, KD8TJD

Fred, N8AHS

Jody, KE8GKO

Jeff, KE8NSD

James, WA8UGC

Dan, W8AJF

Chris, KD2HCE

Jim, KD8OCW

Russ, WB8UPA

Rich, KD8AJZ

Dan, KD8JAN

Ron, N8OD

Bill, K2WJS

Steve, KE8BJD

Bryan, W8JMI

Bob, W8OOT

Tom, W8WLI

Richard, WA8CAC

Dan, K8KGX

Dave, KY8OSU

Bill, N8WS

Bruce, K8CSI

Carl, W8KRF

Tom, W1PDI

George, WA8YVF

Chris, KF5EMC

Sandy, W8KYS

Alan, KF8PM

Ann, KA8ZEP

Lee, WA8ERA

Tom, W8KYZ

Tom, K8PPZ

Jerome, KA8ZER

Tom, N8FDY

Alex, KE8MQH

Clark, N8PZD

Jeff, KB8ZUN

June 2020

Sun

Mon

Tue

Wed

Thu

Fri

Sat

	1	2	3	4	5	6
		10M Net 8 PM - NCS Elaine, KC8FOS	Food Group 7PM 2M	2M Net 8 PM - NCS Elaine, KC8FOS		
7	8	10M Net 8 PM - NCS Tom, W8KYZ	Food Group 7PM 2M	2M Net 8 PM - NCS Tom, W8KYZ	12	13
14	15 NOARS Zoom On Line Meeting 7 PM	10M Net 8 PM - NCS KY8OSU	Food Group 7PM 2M	2M Net 8 PM - NCS Carl, 8KRF	19	20
21	22	10M Net 8 PM - NCS Tim, NC8X	Food Group 7PM 2M	2M Net 8 PM - NCS Dave, KY8OSU	26	27 ARRL Field Day Start 2 PM
28 ARRL Field Day Ends 2 PM	29	10M Net 8 PM - NCS Carl, 8KRF				

Golden Nuggets from the Sixties

W1PDI de WA1GGN K

Those of you who were present last spring during a NOARS meeting for my tower project presentation may recall I started it off with the reason how and why I became a ham. Breaking my left forearm during an exhibition baseball game in 1966 at age 12, facing a summer of not being able to do much of anything closely resembling "fun" and coupled with the fact my dad was a ham, all added up for me studying for a novice license to occupy what would have been a long and boring summer of 1966.

My dad built a code oscillator using the small chassis from some GE radio something or other and every night we would practice along with listening to W1AW code practice runs. I studied pretty quickly (what else did I have to do?), took my novice test (administered by my dad's radio station co-worker) and received my novice in late May/early June in 1966. I immediately jumped into ham radio almost nonstop. I had a CW QSOs with another new novice just two towns away, Dan, WN1GGN in October of that year. With my call sign

WN1GLS it was apparent we both received our "tickets" within a few weeks of each other.

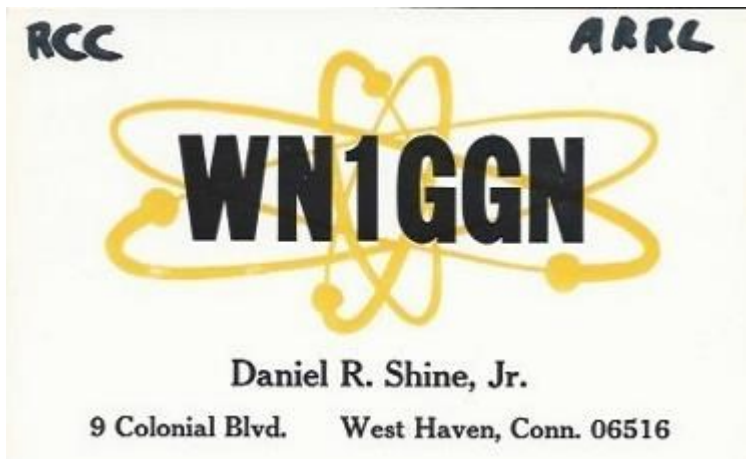
Dan and I had many CW QSO's over our novice year and even after Dan passed his general test before I did, we still would cross paths over the air waves.

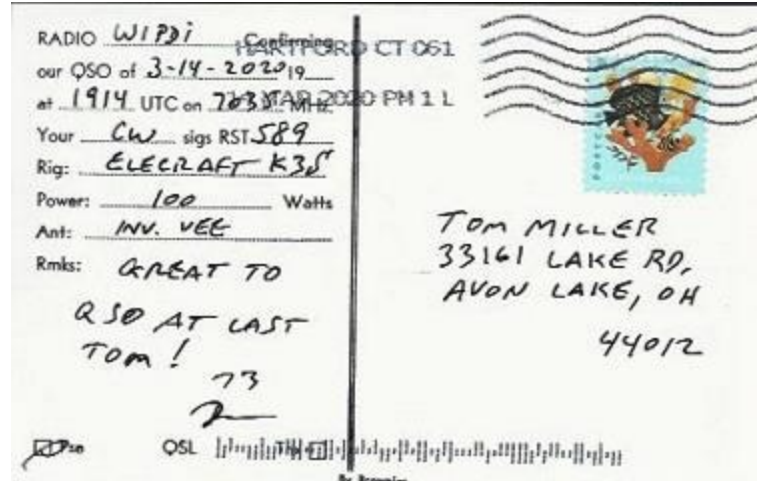
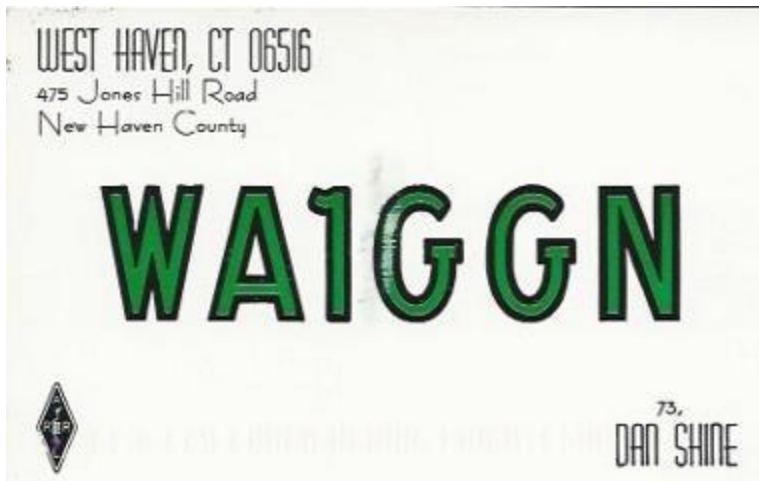
By the time I entered high school my ham radio days were put on hold. I was more into high school baseball, hockey, girls, close friends and cars-not necessarily in that order. I even had a 1965 Pontiac GTO while in high school so ham radio was pretty much relegated to the "unimportant" status for me.

I did jump back into ham radio after returning home for summer college break in 1972 and even built a Heathkit HW101 and power supply, both of which I still own. By then I had lost touch with WA1GGN but always remembered his call sign and often wondered if Dan was still an active ham or not.

(Continued on page 7)

DATE TIME	STATION CALLED	CALLED BY	FREQ. OR DIAL	HIS SIGNALS RST	MY SIGNALS RST	FREQ. MC.	EMIS-ION TYPE	POWER INPUT WATTS	TIME OF ENDING QSO	OTHER DATA	NAME	OSLs
												S R
10-5-66	Oct 5, 1966								10			
1454	W1AW-FJZ	W1AW-FJZ	21.150	569	579	2.150	A1	75W	0834	Spec in Meriden		✓ ✓
0200	PY1-AAG	PY1-AAG	21.100	549		2.100	A1	75W	1203			
10-6-66	OCT. 6, 1966											
0833	W1AW-GGN		7.175	599	599		A1	75W	0833	Ham in West Haven		✓ ✓





(Continued from page 6)

Fast forward to this past March. I was operating CW in a contest. After a contact on 40 meters I was being called by a familiar call sign which I hadn't heard in more than 50 years: W1PDI de WA1GGN.

Quite a surprise. Dan and I had a short CW QSO and

exchanged QSL cards and have spoken on the phone a few times since. This prompted me to begin reviewing my old logbooks and, using QRZ.com, determine if any of my 50+ year old contacts were still active. No luck so far but if I discover any I'll make it a point to reach out and attempt to schedule a 50th anniversary QSO. Wow, amazing how fast 50 years in ham radio has passed by!

ARRL Special Waiver for Field Day 2020

1) For Field Day 2020 only, Class D stations may work all other Field Day stations, including other Class D stations, for points.

Field Day rule 4.6 defines Class D stations as "Home stations," including stations operating from permanent or licensed station locations using commercial power. Class D stations ordinarily may only count contacts made with Class A, B, C, E, and F Field Day stations, but the temporary rule waiver for 2020 allows Class D stations to count contacts with other Class D stations for QSO credit.

2) In addition, for 2020 only, an aggregate club score will be published, which will be the sum of all individual

entries indicating a specific club (similar to the aggregate score totals used in ARRL affiliated club competitions).

Ordinarily, club names are only published in the results for Class A and Class F entries, but the temporary rule waiver for 2020 allows participants from any Class to optionally include a single club name with their submitted results following Field Day.

The full text of ARRL's announcement, with additional details is here:

<http://www.arrl.org/news/temporary-rule-waivers-announced-for-2020-arrl-field-day>

Icom-705 Video Recommendation from Chet, K8KIZ

While this video is ostensibly about the Icom-705 qrp transceiver yet to be released, it also covers some great info about portable antennas and power supplies.

Worth 10 minutes to watch...

https://www.youtube.com/watch?v=88LF7kN_XrY

May 18, 2020 Zoom Meeting Minutes

Submitted by Elaine Wilkinson, KC8FOS.

This was the second Membership Meeting held over Zoom, a video conferencing platform, used during this era of Covid-19 with its continuing need for social distancing.

Twenty-five people were in attendance.

Comments before the meeting:

Dave, KY8OSU, reported an issue with the power supply for the Wires-X machine. After removing the power supply's fuse, then reinserting it, it worked. Brief discussion ensued.

Carl recognized Dave Molseed, KE8MVS, a relatively new member. Dave is with the Boy Scouts. His young sons are Zak, KE8MVR and Elijah, KE8NES.

The meeting brought to order by club president Carl, W8KRF, at 7:11 PM.

A motion to accept the April meeting minutes, as they were published in the newsletter, was made by Carl, W8KRF, seconded by Dan, K8KGX. The motion passed.

Treasurer's Report: Tom, W8KYZ. The only expense was Windstream for \$70.49. Balance reported. There were no questions. Tom, W8KYZ, made a motion to accept the Treasurer's Report, seconded by Dan, W8AJF. The motion passed.

Repeaters: Carl. The repeaters seem to be OK. Someone has been interfering with them during the nets. Carl can shut the repeaters down when that happens. Carl shut down the repeater for a half hour when someone dialed 411 four or five times.

Website: Carl. No problems.

Membership: We currently have 81 members.

Field Day: Al, N8CX. Al recognized Eric, N8AUC as representing LCARA. Tom, W8KYZ, reported on Lorain County Metroparks, with whom he historically makes a reservation for Indian Hollow, at which we hold Field Day each year. The park is closed at this time. The parks will call him. Al reported that after conferring with Eric, NOARS and LCARA will not have Field Day this year, that people will work from home. A poll needs to be taken. Questions: Who would come to set up, who would operate? What about food? Al turned the discussion over to Eric: Eric loves Field Day. Field Day is the most

fun when the most people show up. The camaraderie and fellowship make it all. However, club leadership needs to make decisions for the good of the group, and none of us are spring chickens anymore. Eric wouldn't be able to live with himself if someone came to Field Day because he promoted it and they got sick as a result. Chances that would happen are pretty small, but the chance isn't zero. Consensus is to not gather and operate from home. Carl took a poll online during the discussion. Discussion during polling – Dan, W8AJF suggested that he will go to his model airplane field and do Field Day from there. Ann, KA8ZEP, related that Indian Hollow was open when she and Dan, W8AJF were there, including bathrooms. Al interjected that the parks are open for individuals, not groups. Vote results: 73% no, 14% yes, 14% not sure. End result is no.

Dave, KY8OSU, opined that a vote should be taken of the people who participate and set up for Field Day. That's the vote that really counts. Eric said that's a good idea, but the fly in the ointment is the permit. Cleveland Metroparks have rescinded any permits for gatherings of over 10 people. If Lorain County goes that way, we won't get a permit. We couldn't stay overnight, couldn't do Field Day. Dave wondered if there were anyone with a few acres of land that would be willing to host Field Day on their property. Carl responded that it's not the place, it's the fact people may get sick. We need to respect ourselves and others. Dave responded that's the reason we should take a vote among the people that normally attend Field Day. Carl said he will send out a poll to the entire membership.

Al asked Tedd, of the Northern Ohio DX Association, what they will do this year. Tedd said it's a wait-and-see thing, but the majority of NODXA don't want to have it. He said it's not a case of not wanting Field Day. People don't want to group together. Carl agreed. There are too many unsure things. Eric reminded everyone that we're not canceling Field Day forever. We've started a good tradition of LCARA and NOARS doing Field Day together; consider this a one-year hiatus. A suggestion was made that maybe Field Day could be postponed a month. Discussion ensued. We need to make a decision tonight whether to have Field Day or not. A lot of work needs to be done before the event. Food and supplies to keep the group going needs to be planned and

(Continued on page 9)

(Continued from page 8)

prepared, which takes time. Al suggested that tonight's poll is no, LCARA's poll is no, so most people would not go, anyway. Eric agreed, saying we should just pull the plug and have a hiatus for one year. Carl asked for Tom, W8KYZ's input. He said it's a case of the planning involved, and the Metroparks. They have given no indication of when a decision will be made of parties greater than ten. Even if we have it, due to age and health conditions, he would not be able to attend.

Carl said he could see that Dave, KY8OSU was not happy with the decision, but if he can find someone to have Field Day with, such as Dan, W8AJF, then it's up to him.

Carl made a motion that NOARS not get involved with Field Day this year. Tom, K1TRB seconded. Eric, N8AUC said according to Roberts Rules of Order Carl can't make a motion. Carl asked for input from Tom, N8FDY, NOARS' Parliamentarian, who couldn't be heard. Tom, W8KYZ made the motion that NOARS not have Field Day, seconded by Tom, K1TRB. The motion passed.

Ann, KA8ZEP, asked who made the motion, Carl or Tom, W8KYZ. Carl said Tom did since according to the Parliamentarian he can't make a motion. Lot's of discussion ensued. Tom, N8FDY advised that Roberts Rules of Order say any member can make a motion, the club president is a member of the club, therefore he or she can make a motion. Since the Parliamentarian could not be heard, Elaine, KC8FOS, related the information that anyone, including officers, can make motions. A count is not needed, according the Tom, N8FDY, unless a member wants one.

NOARSFest: Carl. Colleges and universities will be closed until September, at least. We don't know about LCCC's convention center. Tom, W8KYZ, has been in contact with Jose, our liaison with the college. Jose is unsure, but when he returns to work he will let us know. Carl feels that chances are we will not be able to hold it.

We need to make a decision so we have enough time to notify people if that's the case. Comments from Tom Porter, W8KYZ: We are pretty late in planning it. He has seen that about 80% of other clubs' hamfests have been canceled. Carl: The next membership meeting will be June 15, which would be too late to make that decision. The Board will meet to take a vote on it.

Sunshine: Tom, W8KYZ. Bob Tome, W8RET, is still a patient at Life Care in Elyria. Tom thinks Bob will be in long term care of some type. Tom talked to Bob last week, and it does not look favorable.

Programs: Anthony Luscre, K8ZT, offered via email, online programs and can present at the membership meeting on June 15. Three programs sound interesting: FT8 and FT4, QSLing in an online world, and involving youth in amateur radio. What sounds the most interesting? A poll was taken. FT4 and FT8, 5. QSLing, 0. Youth involvement, 6. Youth involvement in amateur radio will be the June 15th program. The program is based on the presenter's article in the March 2020 issue of CQ magazine. There was brief discussion of who would host – Carl or Anthony. Bill, K2WJS, advised that Anthony did the program for CARS last week, and there was no problem with his taking over the meeting, showing his slides, then handing it back. Anthony's all set up for that.

Newsletter: Tom, N8FDY. Please submit items by May 26th, including things for sale. If anything sells, let him know so it can be removed from the newsletter.

Comments: Dave reminded everyone of the 10 m net Tuesday, Food Group on Wednesday, and the 2 m net on Thursday. All are welcome.

Adjournment. A motion to adjourn the meeting made by Tom, W8KYZ, seconded by Dave, KY8OSU. The motion passed. The meeting was adjourned at 7:54 PM.

Newsletter Submissions

Email submissions for the Log to noarslog@noars.net. The deadline is seven days before the first of the month.

That gives us time to create and get the Log uploaded to the Website.

Looking for a good deal?



Free from Tom, W8KYZ

MFJ - 1811 scanner/receiver telescopic antenna. 1.8-1800 Mhz.

800 foot spool 22/4 conductor wire. New. Great for home doorbell, indoor/outdoor security systems, outside video, or weather station hookups.

Sangean ATS-803A portable all band receiver. Manual, ac adapter, and all parts. Does not work.

Olson Electronics S-677 Air Speaker.

Free Desk and Operating Table

From the Estate of Mark Lewis, K8WON SK

Sauder desk and table. 30 inches high by 43 inches wide by 20 inches deep. 70 pounds. Two drawers.

Pick up in Avon Lake, Ohio.

Contact Tom, W8KYZ. 440-320-5523.



We're Here for Your Ham Radio Needs

The Showroom is Temporarily Closed to Walk-in Customers, But You Can Still Place Your Orders & Pick Them Up at the Curb.

- Available from 10 am – 8 pm, Monday-Saturday and 10 am – 7 pm, Sunday.
- Place your order at DXEngineering.com or by calling 1-800-777-0703. All orders must be prepaid.
- Pull into a designated curbside pickup space in front of the Summit Racing Retail Store. You will need valid ID, your order number, and the physical credit card you used or Pay Pal receipt.
- Only the person who purchased the item may pick up the order.

Please note that the Summit Racing portion of the store is open. If you know your DX Engineering part number, you can place your order directly in the store and pick it up there.

We look forward to seeing you!

DXEngineering@DXEngineering.com

The DX Engineering Retail Showroom
1200 Southeast Ave., Tallmadge, Ohio



**CELEBRATING
20 YEARS
2000-20**



For Sale by Bill, WD8OSJ

Kenwood TS-830 HF Transceiver. Has all filters. Manual. \$300 or best offer.

Kenwood AT-230 Antenna Tuner for TS-830. \$75.

Kenwood VFO-230 FOR TS-830. \$75.00

Contact Bill at 440-522-4622

Tower and Antenna Parts for Sale

Tim Holmes' tower with antennas came down in a tornado in Medina county. He would like to sell undamaged and salvageable items:

- Twenty feet of undamaged tower sections
- Ten-foot tower section, slightly bent at the bottom
- Rotor (believes still works)
- Parts of a broken mast which may be salvageable
- Possibly salvageable parts of a 6-meter beam antenna
- 3-element tribander with some bent elements which could be salvaged and rebuilt, or made into rotatable dipoles
- Fragments of a 2-meter beam
- A tiny 440 beam which has never worked
- Rotor controller
- Other sections of tower of unknown type
- Rotatable dipole
- Bunch of cables
- Big box of assorted ham stuff.
- Tim is asking \$200 or best offer for the lot of it. He's carefully taking the pieces apart so they should be in decent shape. You will need to pick it up

Contact Tim via e-mail: taholmes160@gmail.com

For Sale by Tom, W8KYZ

Weller 8200 soldering gun. Dual power (140/100 watts). Excellent condition. \$15.00

MFJ 1717S Dual band 2/440 HT antenna. SMA male connector. \$20.00

Larsen mobile antenna "grab bag." Includes three NLA 220 coils, one LM-150 coil, various gaskets and other parts. \$30.00

2 Meter Yagi vertical antenna. Nil-Jon HD-146-v3-U. New and assembled. \$30.00

2 Meter J-Pole antenna. \$5.00

Digital multimeter. Cen-Tech, 7 function with test probes and battery. \$4.00

AKG C3000 Cardioid Condenser Studio Mic. \$125.00 or best offer.

2 Meter ExpertPower SMA duck antenna. \$4.00

Alinco DJ-580T 2/440 HT. Manual, soft case, mobile DC power cable/charger, remote control speaker/mic., Ni-Cd battery charger. Needs battery. \$30.00

Herald BA-45A 4 amp power supply. \$5.00

Uniden Bearcat Scanner, BC9000XLT. Manual, indoor antenna, AC supply. \$50.00

Heathkit HM2140A HF dual wattmeter. 1.8-30Mhz. with manual. \$25.00.

Contact Tom, W8KYZ, 440-320-5523. tporter161@oh.rr.com

Estate sale, Ron, W8GMH SK

Contact Bob Adornetto, 440-382-6710, mrhoop01@sbcglobal.net

Mostly all the equipment has manuals located in top lid or small file cabinet next to the tall cabinet.

Ameritron AL-1500 amplifier with EBS-1 add on board with manual: \$2000.00

Yaesu FT-990DC transceiver with 250 cycle filter and manual: \$600.00

Yaesu speaker SP-6: \$90.00

Heights 40ft alum crank-over tower with mast and rotor shelf: \$450.00

Hy-Gain antenna TH6DXX, must remove from tower: \$175.00

Hy-Gain Ham IV rotator & rotor box with upgraded cable connector, must remove from tower: \$150.00

Heathkit SA-2060 ant tuner: \$175.00

Drake W-4 wattmeter: \$60.00

Heathkit DX-100 (works, needs fuses in plug): \$50.00

Heathkit AT-1 (works) (collectable): \$75.00

Icom power supply IC-PS30: \$125.00

Ameritron antenna switch RCS-4 with connector box under patio awning: \$50.00

Alinco 2m/440 transceiver DR-590 with separation kit: \$100.00

Alinco 2m/440 transceiver DR-590 (2nd one): \$75.00

Kenwood 2-meter transceiver TR-7800: \$40.00

Kenwood 2-meter transceiver TR-7800 (2nd one): \$40.00

Heathkit antenna tuner AC-1 (collectable): \$50.00

Heathkit wattmeter HM-2140 (collectable): \$40.00

Heathkit wattmeter HM-2141 (collectable): \$40.00

Heathkit swr bridge AM-2 (collectable): \$20.00

Yaesu microphone MD-1 with eil HC-4 DX

Dream machine cartridge: \$100.00

Cushcraft R-7 vertical antenna hanging up in garage as a bundle: \$100.00

CW OP Lapel Pins for Sale, Created by Chet, K8KIZ



They have been sent to multiple states, Denmark, United Kingdom, Germany, Australia

CW OP Pins are \$5.75 each. US S/H is \$5.06 - International S/H* is \$15.50

(*The US Postal Service ships to most countries around the world.)

NOTE: This pricing includes shipping charges for up to 10 pins per envelope.

For Example:

1 pin + US 1st Class S/H \$10.81

2 pins + US 1st Class S/H \$16.56

3 pins + US 1st Class S/H \$22.31

1 pin + International S/H \$21.25

2 pins + International S/H \$27.00

3 pins + International S/H \$32.75

NOTE: This pricing includes shipping for up to 10 pins per envelope.

Envelopes are 5"x7" tan heavy paper with inside bubble padding.

Please send your order and full correct address with ZIP code to: CWpins05@gmail.com

Send your appropriate payment to:

www.paypal.me/ANCRSundials

Please advise me if you are using a different name with your payment (Example: a company name) so I can credit your email order.

Thank you! 73, Chet K8KIZ

For Sale by Dave, WV8P

Icom 703, QRP rig. Does not have six meters. 250 Mhz filter installed and a 500 Hz to install later.

Automatic tuner with an extra cable to use if installing it in a car.

Samlex power supply.

All items are in a hard case, ideal for travel. \$500

Contact Dave, WV8P at wv8p@roadrunner.com

NOARS Information

Members of the Board of Directors

President: Carl, W8KRF

Vice President: Dave, KY8OSU

Secretary: Elaine, KC8FOS

Treasurer: Tom, W8KYZ

Others: Tim, NC8X; Tom, N8FDY

Others

Net Manager: Elaine, KC8FOS

Club Trustee for K8KRG: Al, N8CX

NOARS Log Editors: Tom, N8FDY; Elaine, KC8FOS

Volunteer Examiners: Tom, W8KYZ; Joe, W8GWD;
John, KC8KI; Dave, K8WRS; Sallie, AB8GI

Membership

Membership is open to anyone interested in radio communication. Dues are: Full \$15, Associate (non-licensed) \$7, Family members of a full member are \$4 each. Membership forms are available at www.noars.net. Make checks payable to NOARS and mail them to: NOARS Membership Committee, 161 Herrmann Drive, Avon Lake, OH 44012.

Meetings

Meetings are held at 6:30 p.m. on the third Monday of every month, except August and December, at the North Ridgeville Branch of the Lorain County Public Library, 35700 Bainbridge Rd, North Ridgeville, OH. The doors open at 6:00 PM for a social time with coffee and donuts.

Meetings are open to the public and all are welcome.

Nets

NOARS nets are Tuesday nights at 8 pm on 28.370 MHz, Wednesday nights at 7 pm on 146.700 MHz, and Thursday nights at 8 pm. on 146.700 MHz. All licensed amateurs are welcome.

Committees

Parliamentary Committee: Tom, N8FDY

Repeaters: Carl, W8KRF; Tim, NC8X

Field Day: Al, N8CX

Hamfest:

Sunshine: Tom, W8KYZ (temp)

Membership: Carl, W8KRF

Club Property Committee: Tom, W1PDI

Program Committee: Elaine, KC8FOS; Joe, W8DYZ;
Bob, W8NNC; Dave, KY8OSU

Social Committee: Elaine, KC8FOS; Dave, KY8OSU;
Ann, KA8ZEP

Public Relations Committee:
Dave, KY8OSU; Elaine, KC8FOS



VE Testing

VE Testing is offered the third Sunday of every month.

2929 West River Road
N. Elyria OH 44035,
from 12:50-3 PM.

Net Control Stations

Elaine, KC8FOS

Carl, W8KRF

Tom, W8KYZ

Dave, KY8OSU

Tim, NC8X