



NOARS Log



June 2021

K8KRG

Volume 57, Issue 6

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Prez Sez

The Fox Hunt on Saturday, May 22, was lots of fun with a great turn-out. The North Olmsted Community Park was an ideal location. With all the other family activities also happening there, it allowed us to answer inquiries, especially from curious children. I had several adults ask about my equipment and what we were doing. Thanks to those who attended and Elaine and Tom for arranging this event.

I am so delighted that we will be able to hold Field Day in person this year. If you plan to participate on June 26-27, please attend our pre-FD meeting

on Saturday, June 12 at 10:00 AM in Pavilion 2. Bring your logging computers with the N3FJP ARRL Field Day Contest Log Version 6.6 installed. We will test the WiFi networking system. Al will also finalize the "game plan." As always, anyone is welcome to operate any of the stations. Even if you don't wish to operate, stop by the site and visit.

I have finished preparing my garden beds and have planted seeds that are beginning to sprout. I am inspired by all the garden reports on our nets. I planted tomatoes and a few pepper plants, which I purchased. I am not sure where I am

Continues on page 2

Zoom Membership Meeting, June 21 at 7:00 PM

Magic Fire from the Sky - A Fulminologist Diary by Chet, K8KIZ

Learn how lightning is generated, the harm it can do, and how to avoid it..

Field Day 2021

Field Day Weekend - Indian Hollow Reservation. 38744 Parsons Rd, Grafton, OH. Setup on Saturday, June 26th starting at 9 A.M. See Page 16 for more information.



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 Prez Sez on page 1

getting all my energy, but I have been doing some landscaping besides gardening. So far, so good as far as the little critters thinking the garden is a buffet. We'll have to see how long that lasts.

That is all I have for this month. Until next month,

73,

Carl W8KRF

Vice President's Message

Well, things are looking up and getting back to some semblance of normal. Masks are coming off and Field Day is this month, June 26 and 27 and the Pre-Field Day Meeting will be on June 12th. Even LCARA is meeting at

Bur Oak picnic area of the Black River Reservation on June 18th. I think we are turning the corner and will be back to the usual soon, not a new normal. This is about time!

NOARS / LCARA Field Day

Pre-Field Day Meeting - Saturday, June 12th, 10AM at Indian Hollow Reservation. 38744 Parsons Rd, Grafton, OH.

Field Day Weekend - Indian Hollow Reservation 38744 Parsons Rd, Grafton, OH. Setup on Saturday, June 26th starting at 9 A.M. See Page 16 for more information.

Two New Members of the Programming Committee

Pete Sklenar, KE8NQQ and Jeany Hess, KC3QND have accepted the invitation to join the Programming

Committee. Welcome, Pete and Jeany!

Welcome New Member

Welcome Chuck Mehoznek, K8CVM, a ham since July 2017. Some of you may know Chuck from the fox hunts.

He comes to us from Parma Hts.

Roger Fell, AB8IF, SK

Roger passed away Wednesday evening, May 19th. He received an amateur radio license in his native New Zealand when he was sixteen. Roger was an electrical engineer for various companies over the years in New

York state and Ohio. He was interested in many amateur radio modes, especially enjoying digital modes. His presence in the club will be missed.

Upcoming June Social Events

NOARS Lunch

NOARS Lunch Tuesday, June 1 at noon at Golden Corral, 8696 Brookpark Rd. Cleveland. All are welcome.

Fox Hunts

Fox Hunt June 5th at 11 AM at North Olmsted Park and June 19, location TBA. Details will be sent via email. As always, all are welcome.

June Birthdays

Thomas Binns, KE8BTR

Bob Sull, W8IMO

Denise Evans

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!



May 17, 2021 Meeting Attendance

Dan, W8AJF

Rich, KD8AJZ

Chuck, K8CVM

Tom, N8FDY

Elaine, KC8FOS

Bob, WA8JBT

Chet, K8KIZ

Carl, W8KRF

Tom, W8KYZ

John, W8LYO

Bob, W8NNC

Pete, KE8NQK

Jim, KD8OCW

Bryan, N8OOF

Dennis, KE8OQA

Dave, KY8OSU

Jeany, KC3QND

James, KE8SAF

Bill, K2WJS

Tom, W8WLI

Ann, KA8ZEP

Jeff, KB8ZUN

Heard on the Nets in May

Dan, K8AGW

Fred, N8AHS

Rich, KD8AJZ

Rich, WA8CAC

Chuck, K8CVM

Lee, WA8ERA

Tom, N8FDY

Elaine, KC8FOS

Chris, KD2HCE

Carl, W8KRF

Tom, W8KYZ

John, W8LYO

John, KE8MAI

Mike, WE8MUD

Dave, KE8MXE

Pete, KE8NQK

Jim, KD8OCW

Ron, N8OD

Bryan, N8OOF

Dennis, KE8OQA

Dave, KY8OSU

Dan, KE8OWK

Mike, N8PJD

Alan, KF8PM

Clark, N8PZD

Fred, KE8QFT

Jim, KE8SAF

Art, W8UTC

Justin, N1WCT

Bill, K2WJS

Tom, W8WLI

Bill, N8WS

Lenny, N8XLQ

Ann, KA8ZEP

Jeff, KB8ZUN

June, 2021

Sunday Monday Tuesday Wednesday Thursday Friday Saturday

		1 NOARS Lunch at Noon 10M Net 8 PM - NCS Dave, KY8OSU	2 Food Group 7PM 2M NCS Elaine, KC8FOS	3 2M Net 8 PM NCS Dave, KY8OSU	4	5 Fox Hunt at North Olmsted Park
6	7	8 10M Net 8 PM - NCS Tom, W8KYZ	9 Food Group 7PM 2M NCS Dave, KY8OSU	10 2M Net 8 PM NCS Tom, W8KYZ	11	12 Pre-Field Day Meeting 10:00 AM
13	14	15 10M Net 8 PM - NCS George, WA8YVF	16 Food Group 7PM 2M NCS Elaine, KC8FOS	17 2M Net 8 PM NCS Carl, W8KRF	18	19 Fox Hunt Site TBA
20	21 NOARS Zoom On Line Meeting 7 PM	22 10M Net 8 PM - NCS Dan, W8AJF	23 Food Group 7PM 2M NCS Dave, KY8OSU	24 2M Net 8 PM NCS Elaine, KC8FOS	25	26 Field Day Setup 9 AM Start of Field Day 2:00 PM
27 Field Day ends 4:59 PM	28	29 10M Net 8 PM - NCS Elaine, KC8FOS	30 Food Group 7PM 2M NCS Elaine, KC8FOS			

May Fox Hunts

Six hardy souls braved the breezy, cooler weather and attended the Fox Hunt on May 8. Two weeks later, on

May 22 the hunt had sixteen attending. It's always a good time. We hope you can join us at the next one.









Portable Antennas Show and Tell a Success

Twenty-four people attended the Zoom gathering called Portable Antennas Show and Tell on Wednesday, May 26. Ten folks presented their antennas: Bill, N8WS; Alan, KF8PM; Bob, W8NNC; Dave, WV8P; Bryan, N8OOF; Al, N8CX; Pete, KE8NQQ; Jack, N8NDL; Joe, KE8KAT; Patty Lupica. A video of the event is on the

NOARS website at <https://www.noars.net/zoom/PortableAntennas.mp4>. Links are also available on the Home and Education pages. There will be another portable antenna gathering, in a park. Stay tuned for more info.



Newsletter Submissions

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

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

May 17, 2021 NOARS Meeting Minutes

Submitted by Elaine Wilkinson, KC8FOS

The meeting was called to order at 7:01 PM by club president Carl, W8KRF. Twenty-two members and guests were in attendance. Carl made a motion to suspend reading the minutes of the March 2021 meeting, as they were published in the newsletter. Ann, KA8ZEP, seconded the motion. The motion passed.

Committee Reports

Treasurer's Report - Tom, W8KYZ. The current checking account balance was reported and expenses explained – There were payments to Windstream and Zoom. Elaine, KC8FOS made a motion to accept the Treasurer's Report, seconded by Pete, KE8NQK. The motion passed.

Parliamentarian - Tom, N8FDY. Nothing new.

Club Property - Tom, W1PDI, not present. No report.

Repeaters – Carl, W8KRF. Intermittent interference noted.

Website – Carl, W8KRF. The website was updated with current Field Day information, including a link to the ARRL.

Pre-Field Day Meeting – Carl. June 12 at Field Day site.

Membership – Carl, W8KRF. Two new members. John Dolinar, W8LYO and Chuck Mehozzonek, K8CVM. We currently have ninety members.

Social Committee - Elaine, KC8FOS. There were six people at the fox hunt on May 8. The next fox hunt will be May 22 at 11 AM in the North Olmsted Park. All are welcome. Nine people attended the first in-person NOARS lunch Tuesday, May 4. The next lunch will be Tuesday, June 1 at the Golden Corral, 8696 Brookpark Rd. at noon. All are welcome.

Programs – Elaine, KC8FOS. Tonight's program will be wire antennas, presented by Bob, W8NNC; magnetic loops

by Chet, K8KIZ. Roger, AB8IF is unable to present his part of the program on vertical antennas; he will do that at another time. June's program will be a presentation about meters, July's program will be about lightning by Chet, K8KIZ. (This turned out to be inaccurate. Chet will present in June, July's program will be antenna analyzers.)

Sunshine - Tom, W8KYZ. Nothing more about Roger, AB8IF. Tom reported that Joe, W8GWD contacted him. Joe said he will be in the AbbeWood for several months.

Nets – Elaine, KC8FOS. Attendance on the nets fluctuates, which is normal.

VE – Tom, W8KYZ. VE testing is still on hold.

Newsletter - Tom, N8FDY. May 27 is the deadline for submissions to the June Log. There is lots of room for ads. If you submit an article, it will be put in.

Old Business

Hamfests – NOARSfest will be Saturday, July 17 from 9 AM to 1 PM. Set-up starts at 7 AM. Elaine, KC8FOS and Bill, K2WJS will work the front table. Dave, KY8OSU will work in the flea market area 6:30 to 9. Tom, W8KYZ will be MC. Carl will ask Al, N8CX to be the talk-in station. Dan, W8AJF will handle the 50/50 raffle. More helpers are needed.

Field Day – Carl. We will use the N3FJP Field Day logging program, version 6.5. Make sure you have that version on your computer if you plan on using one. That version is available on N3FJP.com. The pre-Field Day meeting will be Saturday, June 11 at 10 AM. Dave will look into borrowing a small generator for the meeting. Everyone is encouraged to come out to Field Day, not only to operate, but to also socialize.

A motion was made to adjourn the meeting by Dave, KY8OSU, seconded by Tom, W8KYZ. The motion passed. The meeting was adjourned at 7:24 PM.

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 9 am – 8 pm, Monday-Saturday and 9 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



DX ENGINEERING®

For Sale by Tom, W8KYZ

Icom SP-20 Speaker with audio filter. \$165.00.

MFJ – 249. HF/VHF/UHF antenna SWR analyzer, LCD frequency counter with manual, AC adapter and MFJ carrying case. \$55.00.

Xenon 5X handheld illuminated magnifier. Battery operated or plug in. Helpful with printed circuit boards. \$10.00.

Weller 8200 dual-heat professional soldering gun (100/140watt). Excellent condition. Was \$15.00, now \$10.00.

CDE antenna control box. CG-45II, good condition. Refurbished by C.A.T.S. \$25.00.

60 feet JSC 8-conductor rotor control cable. \$25.00.

Budwig HQ-2 wire antenna end insulators. Package of 2. New. \$2.00.

Bose Companion 2 speaker system for your computer or stereo. Includes manual and AC power source. Was \$45.00, now \$40.00.

Avanti 2 antenna coax switch with SO-239 connectors for dipole/beam antennas. Was \$15.00, now \$10.00.

Cen-Tech 7 function digital multimeter. New and in original box with battery. \$8.00.

Alinco DJ-580T 2/440 HT. Manual, soft case, mobile power cable/charger, remote speaker/mic, NiCad battery charger. Needs battery. Was \$30.00, now \$25.00

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

Equipment for Sale by George Ingmand, WA8YVF

Cushcraft A3S 20, 15, 10 meter beam - needs work. \$25.00.

Ham IV rotor and controller. \$50.00.

Pyramid Gold Series 12 v @ 30 amp adjustable power supply. \$25.00.

1967 to 1987 Callbook on DVD. \$5.00.

Acer 15" LCD monitor. \$20.00.

Boxes of QST, CQ, 73 and various ARRL Handbooks and other publications 2000 to 2009. Free to newbie.

West Mountain Radio Original RIGblaster, not USB. \$10.00.

Yaesu FT-212RH 2meter FM mobile 5-45 watts. In good condition. \$40.00.

West Mountain Radio PWRgate PG40. \$20.00.

W1ZR 6 meter add-on kit for tri-band beams. \$20.00.

Contact George at 440 420 1118 or gingmand@gmail.com

For Sale from the Estate of K8IC, SK

Icom AH-4 automatic antenna tuner. \$175.00

Dentron MLA-2500 legal limit amplifier. \$650.00

Kenwood MC-60 cardioid dynamic microphone. New. \$75.00

Kenwood MC-50 cardioid dynamic microphone. Used. \$45.00

Kenwood SMC-30 speaker microphone for TR-2600A. \$10.00

Icom HM-75A speaker microphone for IC-U82. \$10.00

Astron RS-35M 25A continuous duty/35A surge. Dual meters. \$150.00

Icom PS-125 25A continuous duty./30A surge switching supply. \$125.00

MFJ-842 VHF/UHF SWR/wattmeter. 140-525MHz. \$ 45.00

Bird 43 Wattmeter with 5 Truline elements. \$195.00

Wouxun KG-UVD1P 2/ 220. Manual, charger, extra battery, programming disc. \$45.00

Wouxun KG-UV2D 2/440. Manual, charger, mobile batt, eliminator. \$60.00

Baofeng UV5R 2/440. Charger, speaker, microphone, programming disc, 3 extra batteries. \$30.00

Mirage BD-35 2/440 linear amplifier. \$40.00

Heil HB-1 articulated microphone boom, Heil microphone, FS-3 foot-switch. \$110.00

Contact Tom , W8KY Z. 440-320-5523 or tporter161@oh.rr.

Ad Submission Guidelines

Electronic ads may be emailed to noarslog@noars.net.
Printed ads may be sent to NOARS Log, 161 Herrmann Drive, Avon Lake, OH. 44012. The deadline for submissions is seven days before the first day of each month. All must include: asking price, sellers name, call sign and phone number. Only ads from current NOARS

members, or paid advertisers will be accepted. If your items sell, please notify the Log editors at noarslog@noars.net so the ad can be removed. All ads will be removed (unless updated) after four months. NOARS reserves the right to refuse any ads.

Receivers for sale by Tom Berger, K1TRB

Two receivers from the estate of Bill, AC8FD.

Collins R391 receiver: The R390 is the best vacuum tube receiver ever made. The R391 adds motorized autotune (not tested). The receiver hears a weak generator signal on 80m and 40m. The internal 1MHz calibrator can be heard at all MHz frequencies. No further testing was done. A separate steel box contains two complete documentation sets, replacement vacuum tubes, and various cords for the receiver. The special power cord is included. This receiver is ready to put into service.

On March 10 one of these sold for \$2025 on eBay.

Asking \$1200.



Drake R8 Receiver: Official SWL Channel puts this in the top 10 receivers he wants to own. It includes the matching speaker. This all solid state radio is easy to use and full of features. It competes easily with more modern receivers. The receiver hears a weak generator signal on 80m and 40m. Other random frequencies were checked over the range and they all worked. No further testing was done. The receiver is ready to put into service.



On eBay recent sales (without the speaker) have gone for \$450 or more.

Asking \$400.

Contact Tom Berger, K1TRB at trberger@colby.edu.

If NOARS meets again together, I can bring a receiver to the meeting (or better yet, especially for the R391 you

can pick the receiver up at Kendal at Oberlin).

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



Chet Roberts

22h

How would you like a CW OP label for a coffee mug, car window, or whatever? Get 3 of these 3" durable, waterproof and dishwasher safe labels by sending \$5 WITH a self-addressed AND self-stamped envelope to: Chet Roberts K8KIZ, 173 Fredericksburg Drive, Avon Lake, OH 44012. 73!



NOARS Information

Members of the Board of Directors

President: Carl, W8KRF
Vice President: Dave, KY8OSU
Secretary: Elaine, KC8FOS
Treasurer: Tom, W8KYZ
Others: Bob, W8NNC, 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

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;
Bob, W8NNC; Dave, KY8OSU; Pete, KE8NQK;
Jeany KC3QND
Social Committee: Elaine, KC8FOS; Dave, KY8OSU;
Ann, KA8ZEP
Public Relations Committee: Dave, KY8OSU;
Elaine, KC8FOS

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

During the Covid-19 pandemic, in-person meetings have been cancelled. They will resume as soon as it is safe to once again meet in large groups.

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.

VE Testing

Due to COVID-19, there will be no VE testing until further notice.

Net Control Stations

Elaine, KC8FOS
Carl, W8KRF
Tom, W8KYZ
Dave, KY8OSU
Dan, W8AJF
George, WA8YVF

'PRELIMINARY'

- Field Day 2021 -

NOARS / LCARA

K8KRG / KC8BED

Pre-Field Day Meeting - Saturday, June 12th, 10AM at the park

Field Day Weekend

Saturday, June 26th and Sunday, June 27th

Indian Hollow Reservation (Parsons Rd) – Grafton, OH

Setup on Saturday, June 26th starting at 8 – 9 a.m.

! FIELD DAY MEANS FUN FOR EVERYONE !

Bring yourself - your family - fellow hams - friends and neighbors

! ALL ARE WELCOME !

Our Field Day entry category will be 5A

Again this year, we will stagger station operation to maintain 5A

some station assignments may change - coordination will probably be required

160 meters	CW/SSB	Tim, NC8HF	LCARA
80 meters (night)	CW	Eric, N8AUC	LCARA
80/40 meters	Digital	Chris, KC8CAD	LCARA
75 meters	SSB	Greg, KE8IXB	LCARA
40 meters	CW	Dave, KY8OSU	NOARS / LCARA
20 meters	SSB	Bruce, K8CSI	LCARA
20 meters (day)	CW	Eric, N8AUC	LCARA
15 meters	SSB	Clark, N8PZD	NOARS
10 meters	SSB	Andy, K8ALG	LCARA
primary station	Digital	Carl, W8KRF	NOARS
Satellite	FM	Al, N8CX	NOARS / LCARA

Bonus Points - planned bonus points: **1170 points** (items checked) and those we would like to get (300)

- ✓ 500 points – 100 points for each Tx using generator power – **5**
- ✓ 100 points – setup in a public location – **Lorain County Metroparks**
- ✓ 100 points – news media publicity – **Public Relations Committe**
- ✓ 100 points – public information table – **Public Relations Committe - NOARS - club and public service info N8CX - 5 ARRL brochures**
- ✓ 100 points – visit by a ‘served agency’ representative – **Lorain County Red Cross - Jim, KD8OCW**
- ✓ 50 points – filing Field Day report on the ARRL website – **Al, N8CX**
- 100 points – solar power contacts (5 QSOs required)
- ✓ 100 points – copy the ARRL bulletin – RTTY printout preferred – **Eric, N8AUC, Al, N8CX ?, et.al.**
- ✓ 20 points – youth operators (5 maximum) - 20 points each - **Greg, KE8IXB's Daughter**
- ✓ 100 points – promoting club Field Day and location on Social Media – facebook, etc. – **Dan, KB8LKH**
- 100 points – presenting a 30 minute educational activity: technical, public service, safety, etc
- 100 points – satellite contact (1 QSO required) – **Al, N8CX (if a contact can be made)**

2021 NOARS-LCARA Field Day Site Layout 5-28-21 rev A

Indian Hollow Reservation. Grafton, OH

← To Rt. 57

Parsons Rd.

Bird Sanctuary

PARKING

Tree Line

OPEN

GENERATOR
≥ 3KW

KY8OSU
40 ? Mode

Andy
K8ALG
10 PH

Bruce
K8CSI
20 PH

PAVILION

Carl
W8KRF
Digital

Al
N8CX
Satellite

Chris
KC8CAD
40/80 Dig
Gregg
KE8IXB
75 Ph

Clark
N8PZD
15 PH

W8KRF
GENERATOR
5 KW

Tim
NC8HF
160 CW/PH

Robin
KC8AWO

Eric
N8AUC
CW 20 day
80 night

OPEN

BACKUP
GENERATOR
≥ 3KW

Vent Pipes
○○○

PAVILION GENERATOR — Tree Line —