

Table of Contents

President's Message	1
News	2
Social Events	3
Birthdays, Meeting Attendance, Heard on the Nets	4
Calendar of Events	5
Member Highlight: Chris, KE8MMY	6
Traffic Handling and the NTS	7
November Tuesday Lunch	8
Weekend Lunch	10
Ann and Dan bring their daught Andrea, Into the POTA Fold	ter, 12
Pets of Ham Radio: Jack Porter	14
NOARS Membership Meeting Minutes	15
For Sale	17
NOARS Information	21

Prez Sez

I want to first say Happy Holidays to everyone. I hope to see a lot of you at the Holiday Banquet, there are prizes to be given away. If you don't attend you can't win or have some good food and company. It is that time of year when we think about giving, ok and maybe getting some new shiny toys wouldn't hurt. As I was thinking about what to write for this edition, with the ARRL November sweepstakes SSB fresh in my head, I happened to read the 11/20 ARRL Ohio section newsletter. https:// arrl-ohio.org/news/2023/ps-11-20-23. pdf Congratulations to Scott Yonally, N8SY the new Great Lakes Division Director. What really was eye-opening was the statistic that only 8% of those

licensed in the Great Lakes region voted, and those were most likely the active members of a club. Thinking about that, and our current membership, 8% (maybe a tad higher) is about right for those in the club who participate, meaning they help out, volunteer etc. for committees, events etc. Which brings me back to one of my first ramblings as president of NOARS - wanting to get more people involved. I think as a club we have had more members step up who hadn't previously. But we also have members who are doing a lot and stepping back some. As you think about giving this season, think about why you joined a

Continued on page 2

No Meeting in December

Nets

NOARS nets are Tuesday nights at 8 PM on 28.370 MHz, Wednesday nights at 7 PM on 146.700 MHz, PL 110.9, and Thursday nights at 8 PM on 146.700 MHz, PL 110.9. All licensed amateurs are welcome. Participation is encouraged and appreciated.

Continued from Prez Sez on page 1

club, why you participate in the hobby and how you can help make that sustainable for the present and the future. Every little bit helps. Find something that fits your availability and time, and participate. Ok back to ARRL Sweeps, which I almost missed was happening. Being busy and not keeping up on newsletters etc., it was not on my radar. Luckily, I was in the shack/office working from home and HamClock was on my computer screen and I noticed the contest feed. If you don't have HamClock you

can see the upcoming contests at https://www.contestcalendar.com/. Conditions were good for US and Canada and this year I actually had Alaska and Hawaii in the log. The exchange for this contest is rather long compared to others and as I was telling someone about holding the mic and trying to type that in with the other hand they said, "you don't have a headset and foot pedal?". No, I don't and hold the mic even for net control. Hmmm maybe a shiny new toy........

'73

November 4 VE Testing Team

Graders were Dave, KD8MXE; Bill, N8JET; Ed, KA0MRD; Bill, K2WJS. Our Greeter was Connie, K8CCS. The newest member of the VE team is Ed, KA0MRD who, having recently relocated to Ohio from

Montana, arrived sporting a cowboy hat. Thank you to the graders and greeter. We are doing good work, for as Dave, KD8MXE has said, we are "giving back to the hobby."





VE Tests Administered

The NOARS VE Team has administered seventy-nine exams over ten tests since its inception in May 2022.

Forty-nine candidates were successful. The largest testing group was nineteen at the hamfest in March 2023.

Welcome New and Returning Members

Richard Miller, KD8UKH of North Royalton continued his full membership following a complimentary introduction to NOARS.

Also joining us is Thomas Lane, WK8H from Elyria.

December 2023 Social Events

NOARS December Lunches

Saturday, December 2 at Holiday Party 5:00 PM

Tuesday, December 5 at noon at the Golden Corral, 1519 West River Rd., Elyria. If you like to talk and eat tasty food, the Monthly Lunches are for you. All are welcome.

No December Weekend Lunch, due to busy weekends in the holiday season. See you in January on the 13th!

Are You Due to Renew Your NOARS Membership?

Membership dues are paid for one year, based on the date you joined. Not sure when your dues expire? Log onto noars.net. Your membership expiry (expiration) date should be on the right side of the page after logging in. To renew your membership, go to Membership, then go

down to Renew Membership (using Paypal). Or you can pay your dues by sending a check or money order to the Treasurer. To pay with cash, give it directly to the Treasurer.



December Birthdays

Bob Gardner, WA8JBT
Chris Durkin, KE8MMY
Corey Brooks, KE8PQW
Dan Wadsworth, W8AJF
Gerald Rutter, WY8F
Jeff Evans, KB8ZUN
Judi Squires, WD8ASV
Kevin Sears, KD8BTZ
Martin Patton, KE8UJX
Myron Bodman, N8EGZ
Robert Coates, WA8THF
Ronald Rummel, KE8SGK
Sara Torok, KC8KSU

Thomas Brennan, KB8NKM Thomas Wisnor, K8PPZ Tom Porter, W8KYZ

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!



November 20, 2023 Membership Meeting Attendance

In Perso	n	Chuck	K8CVM	Paul	KE8WHG	Bob	W8NNC
Andrew	KE8WMS	Dan	KE8VYQ	Rich	KE8YUP	Carl	W8KRF
Bill	K2WJS	Dan	K8AGW	Sara	KC8KSU	Dr. Jack	N8NDL
Bill	KE8WHP	Elaine	KC8FOS	Tom	W1PD	Ken	W4CCZ
Bryan	K8JMI	John	W8LYO	Tom	W8KYZ	Tom	N8FDY
Bryan	N8OOF	Josh	KE8YUG	Zoom		Tom	KITRB
Chris	KE8MMY	Marie		Bill	N8JET	Will	KE8WHM

Heard on the Nets in November

Andrew, KE8WMS	Cal, N8XB	Elaine, KC8FOS	Mark, KE8TCE
Andy, AB8MO	Carl, W8KRF	Eric, KE8VZA	Matt, KC3WKU
Ann, KA8ZEP	Chris, KE8MMY	Fred, N8AHS	Nick, KD8SLG
Art, W8UTC	Chuck, KB8LJ	Gary, N8VFW	Paul, KE8WHG
Bill, KE8JET	Chuck, K8CVM	Jeany, KC3QND	Pete, KE8NQK
Bill, KE8WHP	Craig, KE8WXH	John, W2JLS	Ray, K5CFY
Bill, K2WJS	Chris, KD2HCE	John, NU8Y	Ron, N8OD
Bill, N8WS	Dan, K8AGW	John, W8LYO	Scott, KE8VOX
Bob, W8OOT	Dan, W8AJF	Josh, KE8YUG	Simpson, N8UZF
Bob, KA8WQL	Dan, W2DLB	Ken, W8KH	Tom, N8FDY
Bryan, W8JMI	Dave, KD8MXE	Lynn, KE8NGE	Tom, W8KYZ
Bryan, N8OOF	Earl, W8LYY	Mark, KC8FQV	Tom, W8WLI

December, 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 NOARS Holiday Party 5:00 PM
3	4	5 NOARS Lunch at Noon 10M Net 8 PM W8LYO	6 Food Group 7PM 2M KE8YUG	7 2M Net 8 PM KC8FOS	8	9
10	11	12 LOTA 7 PM 10M Net 8 PM W8KYZ	13 Food Group 7PM 2M KC3QND	14 2M Net 8 PM W8KYZ	15	16
17	18	19 10M Net 8 PM KC8FOS	20 Food Group 7PM 2M KC8KSU	21 2M Net 8 PM W8LYO	22	23
24	25	26 10M Net 8 PM W8AJF	27 Food Group 7PM 2M KC8FOS	28 2M Net 8 PM KE8VZA	29	30
31						

Oh give me a home . . .

By Chris Durkin, KE8MMY



In Canton, OH (Dec. 1968). I was born in the Timken Mercy Hospital, just a long Hail Mary pass over I-77 from the Pro Football Hall of Fame and the McKinley National Memorial of the twenty-fifth President of the United States of America.

Early on I was tinkering with both mechanical and electric equipment, adding phone lines to the house, bringing A/V equipment home from school to fix, and listening to an old shortwave receiver from the neighbor. When I was ten, Dad brought me home a nylon string classical guitar. Charmed by a very thoughtful, though unexpected gift, I mentioned to Dad that I didn't know how to play the guitar. Luckily, he had arranged for four years of classical music training, which, while not Rock-n-Roll, was still excellent training to play popular music and enchant the girls of my teenage years. I still have several guitars, amps, and kit, though I favor an acoustic 12 string with friends around the bonfire.

I've been blessed with many lives, from my first job working with metal, wood, plastic, paint, ink, and electric at a local sign shop, to my best job at Babcock & Wilcox N.E.D. (Nuclear Equipment Division) making Reactors and Steam Generators to power Navy ships. As a Jackson High School Polar Bear, I took extra college science and math at the same time as the two-year Communications Electronics course. Life took me to Geneva Ohio, and I found work in electronics, first at an ultralight aircraft manufacturer, and then a Test & Calibration Equipment manufacturer. Providing tech support to calibration labs eventually got me into the Marketing Dept, and it goes on from there!

Arizona called not once, but twice. First Phoenix, and

later Kingman Arizona, The Heart of Route 66! In addition to marketing, riding horses, and community development, I became an event promoter with Car Shows and Rodeos, Short Course Desert Racing, Air Shows, Camel parades, Belly Dancers and more.

Lorain County has held friends for over 30 years and has been home for a half a dozen or so. I love old Cruiser style bikes, and there is the best collection of trails, bike lanes, state, and local parks, and good ol' Lake Erie! Summer evenings find me catching the best sunsets after a bike ride to Mile Long Pier, with its own collection of friends and characters.

In 2019, Paul, KE8MCJ, a lifelong friend, wanted to learn about Ham Radio, and we got our Technician tickets that spring. Our VERY first Ham event was Dayton HamVvntion 2019! Overwhelmed is understated! Since then, it's been a flurry of Hamfests, license exams, YouTube videos, mounds of equipment, experimentation, luck, and a lot of fun! I truly appreciate each and every one of my ham radio family. No two of you are the same, and each of you has added to my life, many times, each in your own ways! From sage advice and caring guidance from the deep roots of our clubs, to the wit, humor, and sometimes mischievousness that keeps it light, to the inspiration of some of our youngest and newest members blazing the way to try new things, you have all truly been a family to me (...and sorry about your luck!)

Thanks to Tom and Elaine for the opportunity to share some of my life and thoughts, particularly because you may be reading this right before our club Holiday Banquet, at which I'll be celebrating my Sixty-fifth Birthday! Birthdays have never been a big deal to me, but it does make me very happy to be surrounded by a group of friends I couldn't have put together better if I tried! Being with friends is the best gift of all! Thank you!

If you've gotten this far, and haven't noticed, I'm Irish, I don't have short stories! If you know me long enough, you might understand why they say 'Englishmen think standing up, Frenchmen think while seated, and Irishmen think afterwards!'

... where the Buffalo Roam, KE8MMY, 73

Traffic Handling and the NTS (National Traffic System)

Traffic Handling

From Rensselaer Polytechnic Institute: The origins of traffic (message) handling are almost as old as amateur radio itself. Indeed, when ham radio as we know it was in its infancy, most households in the United States were without any of the communications devices that we take for granted today. Even as late as the 1950's some homes were without telephones and communications relied upon friendly neighbors who would relay information to another community member who was without a telephone. Almost every town had at least one radio nut who had built his crude transmitter from common parts and a few copies of Popular Electronics. Amateurs in those days felt compelled to be public servants due to their unique talents and were almost always willing to deliver messages to and from other members of the community. At that time, radios were only good for a few hundred miles of reliable communications due to frequency and equipment, so messages were normally relayed between many stations before reaching their final destination. Thus, the origin of the American Radio Relay League, in case you were wondering how they came about that name. At first there were many unconnected radio operator networks and messages might take quite a few turns to get from points A to B so it became obvious that a universal system of message relaying and format would be beneficial to the public. The evolution of the National Traffic System as we know it today was actually developed in the past 50 years. There were competing groups that met and finally decided upon a plan that would move message traffic efficiently across the country.

Principles of Operation

Network operations are broken down into five basic types of operation as follows:

LOCAL NETS operate in small areas such as communities or parts of a county or metropolitan area. Today, they are typically VHF 2 meter FM operations meeting at regular times, daily or weekly and they exist primarily for local delivery or pick up of

message traffic. They often operate on a more informal basis and provide time for

training as well as chat. Local nets have a liaison assigned to the next step up in the

message chain who will bring in or take out messages to the section level.

SECTION NETS operate either in partial state areas or have full state coverage and have

many stations reporting in on a regular basis to pick up and deliver messages for their

own communities and local nets. These nets normally operate in the HF range (often

both SSB and CW) and are a bit more disciplined than the local nets. They too have

stations assigned to bring traffic in and out of the net up to the next level of operation.

REGION NETS cover larger areas often a call area. For instance, the Third Region Net

consists of Eastern PA, Western PA, Delaware, Maryland and the District of Columbia.

A net will consist of a net manager, net control station, representatives from each section

and one or more liaison stations to handle in and out going messages. The net activities

are normally highly structured (although there is some deviation to this rule) and can

restrict check ins for the sake of brevity.

AREA NETS are at the top level of the NTS covering a lot of territory. For example, the

Eastern Area Net consists of representatives of region 1, 2, 3, 8 & 11 (Canadian Seaboard

Provinces). Again, there is a net manager, assigned net control stations and instead of

liaison stations there are assigned TCC (Transcontinental Corps) stations that handle the

movement of inter-area traffic on pre-arranged schedules.

National Traffic System

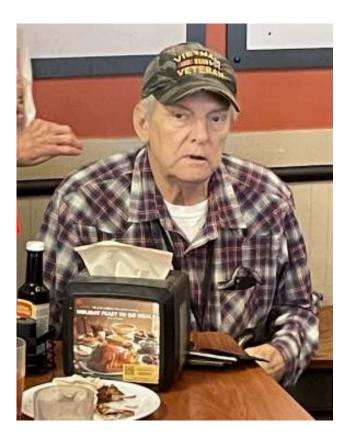
The ARRL website has some good information about the National Traffic System at https://www.arrl.org/nts Scroll down and access a PowerPoint.

November Tuesday Lunch

The fifteen of us at the November Lunch had a fun, tasty time. Joining us for the first time was Stephen, N8WB. Joining Ed, KA0MRD were wife Ronda and daughter

Pearl. The Tuesday Lunches are always on the first Tuesday of each month. Neither membership in NOARS nor a ham radio license are required.



















Weekend Lunch













Ann and Dan bring their daughter, Andrea, Into the POTA Fold

Ann, KA8ZEP and Dan, W8AJF brought their daughter, Andrea, KC8SHA along to do POTA while visiting her in North Carolina. They all had a great time in two different sites, which included Ann teaching Andrea how to do FT8. Awesome!









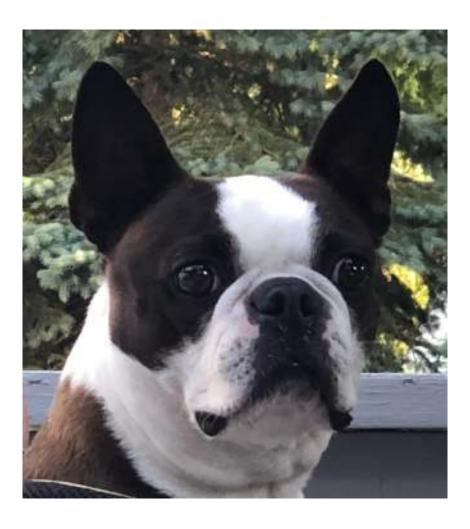




Pets of Ham Radio: Jack Porter

This is our Boston Terrier, Jack, who will be twelve in December. Jack is totally blind, very loving and a great

companion to Pat and Tom Porter, W8KYZ.



If you have any pets you would like club members to know about, send a photo and some information about them to the NOARS Log editors:

Elaine: ewilkinson1951@gmail.com
Tom: thomasfwilkinson@gmail.com

NOARS Membership Meeting Minutes: November 20, 2023

Submitted by Connie, K8CCS

The meeting was held in person at North Olmsted Public Library, and via Zoom. It was called to order at 7:00 p.m. by club President John W8LYO. Total number of people in attendance: 26 (18 attended in person; (8 attended via Zoom).

Pledge of Allegiance.

Introductions and roll call of all in attendance.

Motion to accept meeting minutes as published in the NOARS Log was made by Andrew KE8WMS; Seconded by Josh KE8YUG. Minutes accepted.

COMMITTEE REPORTS:

Treasurer's Report – Tom W8KYZ

Expenses:

\$80.07 – Windstream for November

\$25.00 – Reimbursement for gas card for NOARS Fest

\$13.08 – Stamps

Motion to accept the treasurer's report was made by Bill K2WJS; Seconded by Andrew KE8WMS. Treasurer's report was accepted.

Suggestion was made to make a \$100 donation to Second Harvest Food Bank. A discussion was held as to whether we could up our donation, taking into account any upcoming expenses we may have. We will keep our donation the same this year. Motion made by Bryan N8OOF; seconded by Paul KE8WHG. Motion passed.

Newsletter – Tom N8FDY - The deadline for articles, photos, etc. is November 25. Send us your POTA pictures and we will publish them. We will have lots of room for ads since there will be several that will fall off. If you have anything to sell, please submit an ad.

Parliamentary – Tom N8FDY – Nothing new. We do not need an election since we only had one candidate per position. The Annual Budget is due in January 2024. The board will meet to work on the preliminary budget. This budget will help explain where all the money goes.

Club Property – Carl W8KRF – No change in club property. The antenna analyzer is still out. If anyone else needs it, just let me know.

Membership – Carl W8KRF – We have 2 new members who paid by PayPal – up to 131 total members. Membership dues are based on the date you joined for one year. Some will expire on 12/31/23, some will expire on a different date based on when you joined. Go to your profile on the website, and it will have the date that your dues expire. You can pay your dues through PayPal, or by check/cash to the Treasurer.

Website – Carl W8KRF – The website is up to date.

Repeaters – Carl W8KRF – No change.

Hamfest – Carl W8KRF – Wants to step down so he can buy a table to try to sell some items and enjoy the Hamfests. We need a committee. We need new signs since we are at a different location at the college. Carl will work with a committee to get the preliminary steps moving to get the Hamfest set up, including reviewing the site and floor plan layouts.

Social Committee - Elaine KC8FOS

NOARS Tuesday Lunch is December 5 at noon, Golden Corral in Elyria. Everyone is welcome.

NOARS Weekend Lunch in December – TBD.

Programs – Elaine KC8FOS – In January, Chuck K8CVM will do a presentation regarding National Traffic Service.

VE Testing – Elaine KC8FOS – November VE test, we had 1 Tech and 1 General, both of which passed.

Continued from MEETING MINUTES on page 15

Holiday Banquet – Andrew KE8WMS – December 2, 2023 at Houlihan's in Westlake from 5 to 8 p.m. The price is \$30 per person. Andrew KE8WMS will collect the fees. Deadline to pay is November 29, 2023. There will also be a \$25 White Elephant exchange at the party for those who would like to participate.

Holiday Banquet Prize – Dr. Jack N8NDL has donated a COMPACtenna base system (2M/440+ antenna and CompacCounterpoise). Thank you for your generosity and support!

Nets – Jeany KC3QND (not in attendance) She will be providing the December Net Control Schedule.

Old Business – No old business. We have two new board members for 2024: Treasurer, Eric KE8VZA and Connie K8CCS will stay on as Secretary.

New Business – No new business. Paul KE8WHG suggested that since we are not having a 50/50 raffle at this meeting, could we donate the money that would have been collected to the Salvation Army. A hat was passed around for this donation.

Motion to Adjourn the meeting was made by Andrew KE8WMS; Seconded by Elaine KC8FOS.

Meeting Adjourned 7:30 p.m.

Presentation – Chuck K8CVM presented a program regarding ARES.





For Sale by Tom, W8KYZ

E. F. Johnson semi-automatic telegraph key, model 114-501, with chrome base. \$40.00

Sanyo NiCad/Ni-MH AA and AAA battery charger. \$5.00

ARRL Handbook, 2010 edition with CD. \$10.00

ARRL Repeater Directory, 2009/2010 edition. \$3.00

Eight feet replacement electric cord, 6 gauge 3 conductor, new. \$3.00

Four-drawer mini chest with wheels. 27" high, 12" wide, 16"deep. Ideal for supplies, files,

organization. \$10.00

Radio Shack omnidirectional outdoor FM antenna. \$10.00

One gallon plastic gas can. \$5.00

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

For sale by Bill, KB8FU

Icom F-221 128 channel, 45 watt, 440-490 MHz mobile transceiver, FCC Part 90 approved for narrow (11k0F3E) and wideband (16k0F3E). FCC ID: AFJ 262301 (https://fcc.id/AFJ262301) Includes programming cable, CS-F100 software. \$225.

Icom IC-4AT, 70 centimeters HT with Comm Spec CTCSS encoder. Includes desktop charger, speaker mic,

RadioShack VOX module, battery extender with belt clip and various NiCd batteries. \$50

Uniden BC-855XLT desktop scanner with 100 channel modification. 29-54, 108-137 (AM), 137-174, 406-512, 806-956 MHz. \$45

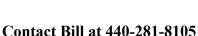
Most of the parts needed to convert a Hustler 4BTV or 5BTV to a 6BTV.

These were salvaged from my old 6BTV which was purchased and used before moving back to Ohio.

A previous owner shortened the 10 meter element by over 2 feet for some reason.

I have since replaced it with a used but unmodified 6BTV. \$30







For Sale by Ron West, N8OD

Yaesu FT710 HF & 6 transceiver (like new). \$700

Rig Expert Zoom 55 antenna analyzer. \$200

Astron RS 35 M power supply. \$100

Wolf River Coils with 102" and 217" whips. \$125

MFJ model 939 auto antenna tuner (like new). \$150

MFJ model 962 manual antenna tuner. \$100

MFJ model 949E manual antenna tuner. \$100

MFJ model 849 200 watt swr/watt meter, 1.6 to 60 Mhz. New in box. \$100

Contact Ron West at 440-865-5845 or ronwest47@gmail.com

Estate Sale: Lenny, N8XLQ SK by Pete Sklenar, KE8NQK, (440) 281-4486

Yaesu FTM300DR Mobile Radio \$475.00, Or Best Offer (OBO)

Yaesu FT-847 Earth Station, includes Landliner Patch \$930.00, OBO

Yaesu FT DX 101 MP Radio 50 MHz w/ FPS 101 Power Supply, Astatic Golden Eagle Mic \$5,000, OBO

Yaesu FT DX 1200 Radio \$750.00, OBO

Yaesu M-1 Mic \$575.00, OBO

Yaesu DX 1200/50MHz with Landliner Patch and monitor \$850.00, OBO

Astatic D-104 Silver Eagle \$275.00, OBO

Three Astatic D-104 microphones with standard base \$100.00 each, OBO. Two grey base and one silver

Astatic Night Eagle D-104 microphone with shield \$100.00, OBO

MFJ 969 Versa Tuner II \$225.00, OBO

Maco M105 HV 11 meter horizontal beam antenna with vertical additional hardware for 10 Meters. Antenna is tuned for 11 meters. \$400.00, OBO

Cushcraft A449-11 70 Centimeter FM Yagi Antenna \$125.00, OBO

Three MFJ-891 Cross-Needle SWR/ Power meters. \$125.00 each, OBO

Two Yaesu FT-101E Vintage radios. Not tested. Condition unknow, \$350.00, OBO

For Sale by Sandy, W8KYS

Tailtwister antenna rotor with controller. Reconditioned. \$250.00

EICO Signal Tracer, model 147A. Manual. \$50.00

Contact Sandy, W8KYS. 440-647-2255

Ad Submission Guidelines

Electronic ads may be emailed to <u>noarslog@noars.net</u>. Printed ads may be sent to NOARS Log, 161 Herrmann Drive, Avon Lake, OH. 44Ø12. 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.



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.



NOARS Information

Members of the Board of Directors

President: John, W8LYO

Vice President: Elaine, KC8FOS Secretary: Connie, K8CCS

Treasurer: Tom, W8KYZ

Others: Carl, W8KRF; Tom, N8FDY; Chris, KE8MMY

Others

Net Manager: Jeany, KC3QND

Club Trustee for K8KRG: John, W8LYO

NOARS Log Editors: Tom, N8FDY; Elaine, KC8FOS Volunteer Examiners: Elaine, KC8FOS; Glenn, AF8C;

Ron, N8EGZ; Sallie, AB8GI; Tom, W8KYZ; John,

W8LYO; Dave, KD8MXE; Steve, K8NIA; Bob,

W8OOT; Bill, N8JET; Bill, K2WJS

Committees

Parliamentary Committee: Tom, N8FDY Repeaters: Carl, W8KRF; John, W8LYO;

Pete, KE8QNK; Bryan N8OOF

Field Day:

Hamfest: Carl, W8KRF Sunshine: Tom, W8KYZ Membership: Carl, W8KRF

Club Property Committee: Carl, W8KRF Programs Committee: Elaine, KC8FOS;

Bob, W8NNC; Pete, KE8NQK;

Jeany KC3QND; Bob W8OOT, Paul KE8WHG

Social Committee: Elaine, KC8FOS;

Linda, KM4GSF; Sara, KC8KSU; Eric, KE8VZA;

Andrew, KE8WMS; Will, KE8WHM

Public Relations Committee:

Chris, KE8MMY

Membership

Membership is open to anyone interested in amateur radio. Dues are: Full \$15, Associate (non-licensed) \$7, Family members of a full member \$4 each. Membership and payment are available at www.noars.net. Make checks payable to NOARS and mail them to: NOARS Membership Committee, 161 Herrmann Drive, Avon Lake, OH 44Ø12.



Meetings

The third Monday of each month at the North Olmsted nights at 8 pm on 28.370 6:30. All are welcome.

Nets

NOARS nets are Tuesday Library, 27403 Lorain Rd. at MHz, Wednesday nights at 7 PM. Coffee and donuts at 7 pm on 146.700 MHz, and a test. Walk-ins welcome. Thursday nights at 8 pm. on amateurs are welcome

VE Testing

Contact Elaine, KC8FOS at ewilkinson1951@gmail.com for more info or register for The next test will be Nov 4 146.700 MHz. All licensed at the Fairview Park Library.

Net Control Stations

Jeany KC3QND Eric, KE8VZA Sara, KC8KSU Tom, W8KYZ Dan, W8AJF Elaine, KC8FOS John, W8LYO