



NOARS Log



September 2018

K8KRG

Volume 54, Issue 9

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September 2018 Program

According to the NOARS By-Laws, in the September business meeting the President needs to appoint two members and must accept up to three volunteers from the membership to form the Nominating Committee. The committee works to select a slate of candidates consisting of at least two nominees for each office.

After the business meeting, Chet, K8KIZ will present a

program called "History of the Sundial: The World's Oldest Scientific Instrument."

Learn about the Earth's complex orbit and its effects on satellites, the institution of 24-hour time, and Time Zones. Hear about the history of UTC, near and dear to hams. Things have not always been the way they are now. This talk explains why.

September Meeting

Monday September 17, 2018

The doors will open at 6:00 PM and the meeting will start at 6:30 PM. Coffee and donuts will be available. North Ridgeville Public Library, 35700 Bainbridge Rd., North Ridgeville, OH. All are welcome.

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.

Prez Sez

Sometimes I wonder if any NOARS members, except for a couple officers, Board of Directors, and a small handful of members, even care what I may say. The only reason I put EFFORT into trying to say something that is meaningful is to try to encourage our members to participate in more activities and share the vast amount of knowledge they have with the rest of the members. I seriously wonder about this after the meager turnout at the picnic and Field Day and is anyone showing for our Holiday Gathering on Dec.1st?

Next is ELECTIONS. Is anyone, except a core group willing to run / serve as an officer, or even as committee

chair, or even as a member, or do anything except sit and talk to friends, drink coffee, and eat doughnuts?

If you are not, maybe the group that keeps NOARS going needs to go elsewhere and find people like themselves who are willing to share the load. Don't get me wrong, I like the NOARS members that I have gotten to know but would like more active help from them that-r--able.

Now let's see more members running for officers and doing things out to help the club, even attending functions.

Message from the Vice President

This year's picnic was a lot of fun thanks to all who helped out there, especially Elaine, KC8FOS and Tom, N8FDY who prepared the brats and burgers, Dave, KY8OSU who found the sweetest corn and did much of the shopping for other picnic parts. The weather was warm but not over the top. I learned from childhood stories of a few who grew up in the Greater Cleveland

area about landmarks which are still present and hiding. There were lots of discussions about Lake Erie fishing adventures and the ferry boats.

I have been getting behind on this paperwork and have folded to the realization this will be my last year as an officer. I will be at events but probably not all the meetings.

Editorial

Dave's frustration is evident. While I understand his frustration, I feel it is appropriate to counter with a few points:

Clubs of any sort have a core of active people who do a great amount of the work, with some members who help as they can. Perhaps they want to do more, but have other constraints, such as family or health. The rest enjoy the benefits of membership and support us with paying dues but for life reasons can't participate much at all. This is typical of other clubs I've been involved with.

I am grateful I joined NOARS. It was described on our Facebook page as a great group of people. That is true. We are a group of varied interests and abilities. One thing those of us who come to the meetings have in common is we enjoy each other's company. Dave has been the president during most of the time I've been an active member. He's been a loyal President.

Dave has made an impact on the club since the beginning of his presidency. There is a greater sense of expectation. Attendance at club membership meetings

has increased. The last six months the average attendance was 31. The same time in 2017 the average was 23. We have 16 to 20 join us for the monthly meal. We are moving ahead.

While attendance at Field Day and the Annual Picnic was not as large as we had hoped, good times were had at both events. However, we can't judge people's commitment through those two events only. People didn't come to those events for any number of reasons. The Holiday Banquet will have a great turnout. It has been a couple of years since the club has had one, so it will take advertising to get the word out. But, we like to gather and have a good time. Remember, we are a great group of people.

Thank you, Dave, for expressing yourself. I'm glad you are the NOARS President. You've done a good job. Just be aware that we move forward through baby steps, and you've taken us through a lot of those, for which you should be recognized.

Elaine, KC8FOS

Contest Corner – Clark, N8PZD

Did you see an interesting antenna at field day? Beat the snow and get it up in the air or as Dave showed us, put it on the ground.

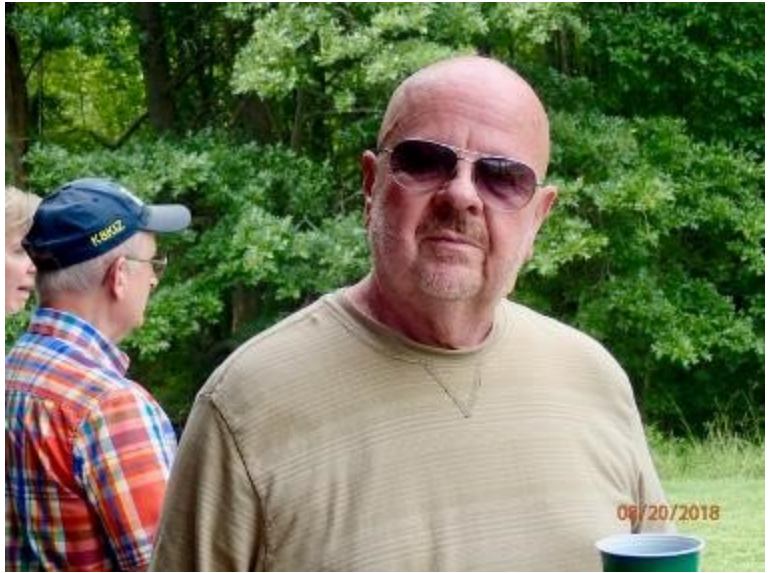
Here is a chance to catch some dx or state by state action, plus the Ohio State Parks

Activity	Date
Ohio State Parks on the Air	1400Z-2200Z, Sep 8
ARRL September VHF Contest	1800Z, Sep 8 to 0300Z, Sep 10
North American Sprint, CW	0000Z-0400Z, Sep 9
RSGB 80m Autumn Series, SSB	1900Z-2030Z, Sep 10
SARL VHF/UHF Analogue Contest	1600Z, Sep 14 to 1000Z, Sep 16
SARL VHF/UHF Digital Contest	1000Z, Sep 15 to 1000Z, Sep 16
Iowa QSO Party	1400Z, Sep 15 to 0200Z, Sep 16
New Hampshire QSO Party	1600Z, Sep 15 to 0400Z, Sep 16
New Hampshire QSO Party	1600Z-2200Z, Sep 16
New Jersey QSO Party	1600Z, Sep 15 to 0359Z, Sep 16
New Jersey QSO Party	1400Z-2000Z, Sep 16
144 MHz Fall Sprint	1900 local - 2300 local, Sep 17
Maine QSO Party	1200Z, Sep 22 to 1200Z, Sep 23
North American SSB Sprint Contest	0000Z-0400Z, Sep 23
Classic Exchange, CW	1300Z, Sep 23 to 0800Z, Sep 24
Classic Exchange, CW	1300Z, Sep 25 to 0800Z, Sep 26
220 MHz Fall Sprint	1900 local - 2300 local, Sep 25
ARRL EME Contest	0000Z, Sep 29 to 2359Z, Sep 30
432 MHz Fall Sprint	1900 local - 2300 local, Oct 3
YLRL DX/NA YL Anniversary Contest	1400Z, Oct 5 to 0200Z, Oct 7
Oceania DX Contest, Phone	0800Z, Oct 6 to 0800Z, Oct 7
California QSO Party	1600Z, Oct 6 to 2200Z, Oct 7
Peanut Power QRP Sprint	2200Z-2359Z, Oct 7
10-10 Int. 10-10 Day Sprint	0001Z-2359Z, Oct 10
Nevada QSO Party	0300Z, Oct 13 to 2100Z, Oct 14
Oceania DX Contest, CW	0800Z, Oct 13 to 0800Z, Oct 14
Scandinavian Activity Contest, SSB	1200Z, Oct 13 to 1200Z, Oct 14
Pennsylvania QSO Party	1600Z, Oct 13 to 0500Z, Oct 14
Pennsylvania QSO Party	1300Z-2200Z, Oct 14
Arizona QSO Party	1700Z, Oct 13 to 0500Z, Oct 14
South Dakota QSO Party	1800Z, Oct 13 to 1800Z, Oct 14

2018 Picnic Revelers

Carl, W8KRF; Tom, N8FDY; Elaine, KC8FOS; Bill, N8WS; Judi, WD8ASV; Dave, KY8OSU; Clark, N8PZD; Harold, K8HRD; Fred, N8AHS; Dan, K8KGX; Dave, W8KFJ; Chet, K8KIZ; Audrey; Steve, WA0DVY; Bob, W8RET; Marlene; Joe, W8GWD; Tom, W1PDI; Jim, KD8OCW; Bill, KE8DIF.







QRP in the Park

We gathered at North Olmsted Park for fellowship and low power on Saturday, August 11. It turned out to be a beautiful day.





September Birthdays - Happy birthday!

Dave, K8KFJ
Jim, KD8OCW
Stephen, WA0DVY
Keith, KD8GXL
Chet, K8KIZ
Clark, N8PZD
Fred, N8AHS
John, KD8MUF
William, KD8BBI
John, KA8VTV
Tom, N8FDY



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!

Heard on the Nets

W8RET	KD8VIQ	N8AHS	KE8ETO
W8KYZ	KC8FOS	N8CWF	W8VAP
NC8X	N8FDY	K8CVM	KA8ZER
K8WON	K8IIT	WA8YVF	K8VMC
K8AGW	WD8CSP	KD2HCE	WV8P
KY8OSU	KA8BPU	K8KBZ	K8KIZ
W8KRF	W1PDI	W8SSE	KE8HLO
W1AFC	KC8FQV	KD8MXE	W8ANJ
W8WLI	K8KGX	N8UUC	KE8KMB
N8WS	K2WJS	KF8G	KE8KMC
WB8UPA	W8GWD	N8PZD	KD8AJC
WA8ERA	W8OOT	KF8PM	
K8AGV	W8KYS	KD8ZJP	



Thanks to Aug. Net Controls

Bob, W8RET
Carl, W8KRF
Tom, W8KYZ
Elaine, KC8FOS

Upcoming Social Events

September

NOARS Monthly Meal

Tuesday, September 4 at noon at the Elyria Golden Corral

December

Holiday Banquet



Saturday, December 1 at 6:00 PM at Applebee's Bar and Grill. 1540 West River Road in Elyria. Everyone will order from the menu, so you can get anything you'd like, including adult beverages if you'd like. It will be a good time, with a short program which will include the presentation of awards. Make your reservations soon by contacting Elaine, KC8FOS at banquet(at)noars(dot)net. They can accommodate 30, and you won't want to miss out.

DXing Link you Won't Want to Miss

Want to know about DXing, but don't want to watch a video? Then click here:

http://www.qsl.net/g0kya/Dxing_small_gardens.pdf

It's an understandable PowerPoint about DX-ing as well as the best antennas to use. It's informative, has great graphics, and you can read it at your own speed rather

than watching a video.

Thanks, Chet, K8KIZ for another great submission!

If anyone has a URL or source of information they think would be helpful to the club, please submit it to noarslog@noars.net.

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.

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 ads.

September 2018

Sun

Mon

Tue

Wed

Thu

Fri

Sat

						1
2	3	4 NOARS Monthly Meal 12 Noon 10M Net 8 PM	5 BRTN 9:30 PM	6 2M Net 8 PM	7	8
9	10	11 10M Net 8 PM	12 BRTN 9:30 PM	13 2M Net 8 PM	14	15
16 VE Testing 12:50 PM	17 NOARS Meeting 6:30 PM	18 10M Net 8 PM	19 BRTN 9:30 PM	20 2M Net 8 PM	21 LCARA Meeting 7 PM	22
23	24	25 10M Net 8 PM	26 BRTN 9:30 PM	27 2M Net 8 PM	28	29
30						

K3LR Tour

Dan, W8AJF; Tom, W1PDI; Kelly; Dave, KY8OSU; Tom, N8FDY; and Elaine, KC8FOS had an informative and amazing tour of K3LR. Tim Duffy, K3LR showed us the antennas and station. The station is primarily used for contesting October through February. Teams consisting of amateur radio operators arrive from around the world to participate in the contests.





Tech Savvy

By Joe Cebula, W8GWD

ANTENNA BASICS

Query No. 7

Q. How can the efficiency of a 2 meter HT be improved?

A. Many ham articles have shown the efficiency can be improved by connecting a 19-inch flexible insulated wire to the antenna ground connection. Years ago, an enterprise on the West Coast was successfully selling such a wire called a "Tiger Tail" because it was coated with a fur-like material. Why pay dollars for a fancy piece of wire when an ordinary piece of wire costing pennies will do as well? In addition to installing a 19-inch radial, the articles also recommend replacing the "rubber ducky" with a 1/4-wave antenna to greatly improve efficiency. A "rubber ducky" is an inefficient device and is notorious for wasting power. The combination of the radial and a 1/4-wave antenna will greatly increase efficiency, but a radial in conjunction with a "rubber ducky" will also increase radiation and protect the operator.

I recall a demonstration at a NOARS meeting years ago involving a 2 meter HT and a homebrewed device called a "RF sniffer." The sniffer consisted of a length of number 14 gauge bare copper wire that was bent into a two-inch square. A small variable capacitor and a panel lamp were inserted into one leg of the square. My assembly was mounted on a 1/4" diameter wooden dowel as shown in Figure 1. The sniffer was tuned to resonance by placing the square into the radiation field of a 2 meter antenna and adjusting the variable capacitor for maximum brilliance on the panel lamp. The specification for the variable capacitor was listed as a small variable capacitor and the panel lamp as a number 43 type

lamp with a rating of 2.5 volts at 500 milliamperes. I used a PR2 flashlight lamp and it functioned perfectly.

During the demonstration, when the operator held the HT in the typical transmitting position, the panel lamp on the sniffer glowed brightly when the sniffer was run down the each arm of the operator. The body became part of the antenna system and was radiating! When 19-inch flexible wire was connected to the antenna ground point, the panel lamp extinguished. The addition of the 19-inch radial not only eliminated body radiation, but also increased the radiation efficiency.

Perhaps the operators who use HTs on the NOARS 2 meter net and have a marginal signal into the repeater, could try attaching a 19-inch radial to the HT, and during the net, ask for a signal report with the radial attached and not attached to the HT. A 19-inch radial should be used in conjunction with a 1/4-wave antenna for best results, but a performance improvement should be noted with a "rubber ducky" and a radial.

Nineteen inches is usually used as a ballpark figure in 2 meter articles, but at 19 inches, the resonant frequency is 147.79 MHz, which is close enough to the upper edge of the 2 meter band. A recommended length of 19 3/16 inches has a resonant frequency of 146.34 MHz and is near the center of the 2 meter band.

73

Joe, W8GWD

The DX Engineering Retail Showroom

More products on the shelves—get hands-on with the newest radio gear!



Plus:

- Friendly service
- Expert tech advice from active Hams
- Open-box deals
- Free product brochures
- Easy return processing

In-person customer support

9 am to 5 pm, Monday-Saturday

The DX Engineering Retail Showroom

Inside the Summit Racing Retail Super Store
1200 Southeast Ave., Tallmadge, Ohio

Open from 9 am to 9 pm, seven days a week



For Sale by Tom, W8KYZ, 440.930.9115

Books

- ARRL Amateur Radio Books – all new
- ON4UN Low Band DXing \$20.00
- Small Antennas for Small Spaces \$12.00
- Emergency Power for Radio Communications \$13.00
- DXing on the Edge (160 Meters) \$15.00
- AC6V - DX101x – HF and six meters DXing Reference Guide \$12.00
- Stealth Antennas \$13.00
- ARRL Wire Antenna Classics \$ 8.00

Equipment

- Yaesu 7800 mobile separation kit (NEW) \$15.00
- Realistic Stereo Headphones - NOVA 20 \$ 5.00
- Olson Electronics S-677 – Air Speaker \$ 5.00
- MFJ-Digital DM55-1E. Voltmeter 130-300V (European Plug) New \$ 5.00

For Sale by Vic Woconish, N8TN, 440-365-6672

Yaesu FT-One radio \$1200.00

15 meter 3 element with rotor

Antennas

20 meter single element

Tri band 10, 15, 20 meter with rotor

15 meter single element

10 meter 4 element with rotor

All on the ground

Tower for Sale

Rohn 25 tower. Three 10-foot sections, one 8-foot top section, and thrust bearing. Gently used. \$350.00

Cushcraft R-7000 vertical 10 – 40 meters antenna. \$250.00

Cash and must pick up. Contact: William, WD8OSJ, wd8osj@wd8osj.com, 440-522-4622 10 am – 5 pm

For Sale from the Estate of Rich, K8RWC, SK

- Mosley AM-14-2. 14 elements 2 meter beam antenna. New. \$250.00.
- Yaesu speaker. Best offer.
- Yaesu FV-401. External VFO. Best offer.
- Yaesu FTV-650. 6 meter transceiver. Best offer.
- Yaesu FL-DX 2000 linear amplifier. 110/220V. \$400.00.
- Heathkit HW-22 40 meter transceiver. Includes power supply and manual. \$200.00.
- Tubes: 8417-P; 1K3A1J3 (Sylvania); IV2 (Sylvania); OB2
- Contact William Cervelli, KC8Vfy, at 419.706.3869.

For Sale by Bill, KE8DIF

- MFJ 10 Meter SSB Tranceiver (MFJ 9410) with power supply and MFJ Portable Tuner (MFJ – 971). Like New. Both \$200

Contact Bill at 216-470-2774 or bill.eyman@gmail.com

For Sale by Bob, W8RET, 440.365.6829

- Icom 7000 100W HF/6M/VHF/UHF. Original box/manual, mobile mounting bracket (MB-62), starting at \$850.00 OBO
- LDG AT-7000 Tuner for 7000, starting at \$150.00 OBO
- Icom CT-17 convertor for 7000, starting at \$35.00 OBO
- Yaesu ATAS-120, Antenna system/Mobile/Portable/Balcony use. 7/14/18/21 MHZ, starting at \$200.00 OBO
- Icom IC-2820H, 2/440 D-STAR with Icom UT-123 Digital GPS unit. Original box/manual, starting at \$400.00 OBO



Free Stuff from Tom, W8KYZ, 440.930.9115

Polk Audio Computer speakers, set of 2 speakers

Free Roof Tower, 2m Antenna, and Hardline

From Tim Hitesman - I haven't been active for more than a decade but am still licensed (NR8T). I will be moving in just a few weeks and must remove a roof tower and feedline before the sale of our home is final but my wife (N8INI) refuses to allow me on the roof. I'm 73.

I would love to donate the roof tower, 2m antenna and hardline (yes - hardline) in return for its removal and patching the roof (I have spare shingles). Would you be so kind as to ask your members to spread the word and contact me if interested? My contact info is below.

Glen Martin 8 ft roof tower; Ranger 2m antenna; about 70 ft of 3/4" solid copper jacket commercial hardline.

Contact info

Tim Hitesman

tim.hitesman@gmail.com

356 Bradley Road

Bay Village OH 44140

216-570-6019

NOARS Information

Members of the Board of Directors

President: Dave, KY8OSU

Vice President: Clark, N8PZD

Secretary: Thomas, N8CWF

Treasurer: Tom, W8KYZ

Others: Carl, W8KRF; Tim, NC8X; Tom, N8FDY

Others

Net Manager: Bob, W8RET

Club Trustee for K8KRG: Al, N8CX

Repeater: Carl, W8KRF, and Tim, NC8X

NOARS Log Editors: Tom, N8FDY, and 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

Meetings are held at 6:30 p.m. on the third Monday of every month 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, and Thursday nights at 8 pm. on 146.700 MHz. All licensed amateurs are welcome.

Committees

Parliamentary Committee: Bob, W8RET.

Repeater: Carl, W8KRF

Field Day: Al, N8CX

Hamfest Dee, KA8VTS.

Sunshine Tom, W8KYZ (temp)

Membership Carl, W8KRF

Club Property Committee: Tom, W1PDI

Program Committee: Open

Social Committee: Elaine, KC8FOS, Dave, KY8OSU, Thomas, N8CWF

Public Relations Committee:

Dave, KY8OSU, Elaine, KC8FOS, Thomas, N8CWF



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.

Burning River Traffic Net

The Burning River Traffic Net uses the NOARS repeater (146.700 MHz) Wednesdays at 21:30.