

NOARS Log

SPECIAL SERVICE CLUB

May 2018

K8KRG

Volume 54, Issue 5

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Prez Sez

Well, they are promising us warm, dry weather starting next week, so now we can get outside to repair our antennas and test / tune the ones we have been working on this winter. Hopefully I will have seen some of the NOARS membership at the ARES Antenna Day on April 28th. Also, many of us should be getting our equipment prepared, as ARRL Field Day is rapidly approaching. We need to start early and test our setups so to eliminate panic and last-minute problems on Field Day, but will we? Who

knows? Maybe? We will have more visitors and generate more interest in amateur radio, and gaining members as a result of the generous donation of new signage donated by Tom W1PDI.

We did one very important upgrade of our repeaters and keeping them up-todate technologically. This should keep them functioning well, also saving money in the long term.

Hope this finds members re-energized for the upcoming Summer/Fall for all the club activities and for enjoying their family and friends....73....Dave KY8OSU.



May Program

Have you heard of PSK31, and wondered just what this digital mode is all about? The May program, *An Introduction to PSK31*, with Bob Plow, W8NNC, will answer your questions. PSK31 is a conversational, low power, keyboard-to-keyboard mode, similar to Radio Teletype. The program will explain how to implement and use PSK31.

May Meeting

Monday May 21, 2018

The doors will open at 6:00 PM and the meeting will start promptly 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.

Message From the VP

When I asked if anyone had been in a contest over the weekend I was disappointed at the answer (zero). A good practice zone for Field Day is in your own shack with the radio you plan to use in rapid exchange rate QSOs. This could really be anyone even if you have no plans to operate field day. Knowing what to do with the knobs and switches makes operating those gizmos easier for filtering, scanning, antenna tuner settings, and so much more. Well, the proof will be in the popcorn June 23 - 24th. I hope you study up - this test is 24hrs long.

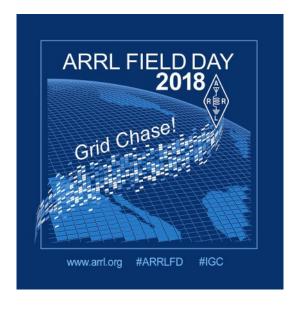
I did not get to build the 20M antenna at the Membership Meeting because we had a long business meeting. I think I will make this one at the other Lorain County group in the next 4-5 weeks and still have a demo on cable trimming and soldering with NOARS. I did get to chat with a fairly new ham about the sunlight-optimized radio bands and the guard still had to escort me out after talking overtime. He did not realize as a tech he had some operating privileges scattered into the HF bands. I hope he passes his general in the next month - he will get more space to make noise... Check

out your band plan guides and use them when you can. A new state or country could be on the other end.

I heard we are getting a demo on a mode that is not so new but very reliable. I think we last had this demo when meetings were at Gargus Catering Hall. There were a lot of home-made interfaces made for this mode and I have 2 or 3 floating in my junk box, so let's see what is new for PSK31 and take off with ideas from Bob, W8NNC. For you licensed as tech, this is a great way to use those digital spaces in the HF bands other than your voice privileges allow. No ultra-fancy software needed but in a Windows environment. You would have a PSK program and a logging program on at the same time to log your discoveries - have fun...

I recently acquired a radio that has a bad switching power supply and I have 2 from the apartment building I want to bring in (July?) for a tech demo of what to look for inside the switching (or phase chopping) type supplies. These are much easier on the power mains, proven 7 years ago under a load. They drain the same current as idling current with a linear type, but eventually heat has worn out some parts, with some improved parts these may go on past 15 years.

Look for the latest Field Day information in Al's, N8CX, flyer on page 17 of this newsletter.





April 2018 NOARS Membership Meeting Attendance

Charlie, K8AGV	Larry, KE8GXB	Bob, W8OOT	Bill, K2WJS
Dan, K8AGW	Harold, K8HRD	Dave, KY8OSU	Mark, K8WON
Fred, N8AHS	Bob, W8IMO	Clark, N8PZD	
AI, N8CX	Dave, W8KFJ	Bob, W8RET	Visitors
Bill, KE8DIF	Chet, K8KIZ	Bill, K8RTR	Allen Higgins
Tom, N8FDY	Carl, W8KRF	Joe, W8SSE	Barb Moriarity
Elaine, KC8FOS	Tom, W8KYZ	David, KD8TJD	Mike Paoletta
Russ, KE8GNX	Dave, KD8MXE	Russ, WB8UPA	
Joe. W8GWD	Bob. W8NNC	Garv. KD8VIQ	

May Birthdays - Happy birthday!

Dan, K8AGW Bob, W8RET George, WA8YVF



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

K8AGV	K8KBZ	KD8QMU	K8WON
K8AGW	K8KGX	W8RET	N8WS
N8AHS	W8KRF	KD8RNF	NC8X
KA8BPU	KD8KWO	K8RTR	WA8YVF
WD8CSP	W8KYS	W8SSE	KC8ZZH
N8CX	W8KYZ	NQ8T	
WA8ERA	KB8LBH	W8TGF	
N8FDY	KD8MXE	KD8TJD	
KC8FOS	KD8NGC	WB8UPA	
KC8FQV	W8OOT	N8UUC	
KF8G	KY8OSU	KD8VTX	
W8GWD	W1PDI	K2WJS	
K8IIT	N8PJD	W8WLI	



Thanks to April Net Controls

Tom, W8KYZ
Dave, KY8OSU
Bob, W8RET
Mark, K8WON
Tim, NC8X

2018 Hamvention Bus

Cuyahoga Amateur Radio Society is again sponsoring a bus trip to Xenia for Hamvention on May 19. Tickets are \$50.00 per person. For complete information, go to the CARS website at http://www.2cars.org/. Please note. The cost is for the bus, only. You are responsible for obtaining your own Hamvention tickets and food.



This Month Ohio Hamfests Listed on the ARRL Website

05/18/2018 | Great Lakes Division Convention (Dayton Hamvention)

Location: Xenia, OH
Type: ARRL Convention

Sponsor: Dayton Amateur Radio Association

Website: http://hamvention.org





Repeater Corner: Photo Tour of the NOARS Repeaters

Tom, N8FDY, and Elaine, KC8FOS, had the privilege of going with Carl, W8KRF, Chairman of the Repeater Committee, and Dave, KY8OSU, NOARS President, when

they did maintenance on the repeaters on an early spring day. Here are some photos of the tour.

















May 2018

Sun Mon Tue Wed Thu Fri Sat

	1	1	1			
		1	2	3	4	5
		10M Net 8 PM	BRTN 9:30 PM	2M Net 8 PM		
6	7	8	9	10	11	12
		10M Net 8 PM	BRTN 9:30 PM	2M Net 8 PM		
					0	
13	14	15	16	17	18	19
		10M Net 8 PM	BRTN 9:30 PM	2M Net 8 PM	LCARA	
					Meeting 7 PM	
20	21	22	23	24	25	26
				-	-5	_0
VE Testing 1 PM	NOARS Meeting 7 PM	10M Net 8 PM	BRTN 9:30 PM	2M Net 8 PM		
27	28	29	30	31		
		10M Net 8 PM	BRTN 9:30 PM	2M Net 8 PM		



Ham Shack Photo Tour

Following his own suggestion, presented at the April Membership Meeting, of sending photos of members' shacks for inclusion in the NOARS Log, Dave, KY8OSU, sent us his.

Send us your photos, too! Email or text them to the emails or phone numbers listed in the NOARS roster.







ARRL Ohio Section Website

http://arrl-ohio.org/

The site is packed with information, including Ohio Section News, Information, Calendar, ARES, Weather Bulle-

tins, Ohio Hamfests, and more. Check it out! You'll be glad you did!

Chet Roberts, K8KIZ, on TV

What, you may ask, are other hobbies NOARS members may have, other than amateur radio? Look no further, for here is a four-minute video of an episode of Golden Opportunities that aired on WKYC-TV April 1, 2018. It

features our own Chet Roberts, K8KIZ. The video focuses on calibrated sundials that he makes.

https://www.youtube.com/watch?v=_4uRoH-6XUI

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April 16, 2018 Meeting Minutes

Submitted by Elaine Wilkinson, KC8FOS

The meeting was called to order at 7:02 PM by President Dave, KY8OSU. Thirty-two members and guests were in attendance.

The Pledge of Allegiance was recited, followed by roll call by call sign.

GaryKD8VIQ, made a motion to accept the minutes of the March 2018 meeting, as published in the newsletter. Mark, K8WON, seconded the motion. The motion passed.

Treasurer's Report Treasurer Tom Porter, W8KYZ, gave the treasurer's report. A motion to approve the report was made by AI, N8CX seconded by Mark K8WON, and received majority vote. The report was approved as read.

President's Report Dave reported on the recent Board Meeting. Field Day is well set. Banners and Road Signs are complete and will be used for Field Day. The Pre-Planning Meeting for FD will be June 9 at 10 AM at the Field Day site.

Dave suggested club members send photos of the equipment in their shacks to the NOARS Log editors, Tom and Elaine Wilkinson, for inclusion in the Log.

Dave spoke of the possibility of NOARS hosting a digital net. Asked how many members present have digital C4FM radios. 7 have such radios. Lorain ARES is talking about starting a digital net.

Dave mentioned a membership drive, which will be put on hold until after Field Day and the Annual Picnic.

Community meal – let an officer know of a day and time that would be good for you for a meal.

Parliamentary Committee Bob, W8RET, reported things are going well.

Club Property Tom Miller, W1PDI is the Club Property Committee Chairman. Advise him of club property in your possession. Include your name, location, item description, condition, and serial number.

Membership Committee Carl, W8KRF, said things are going well.

Field Day Al, N8CX, said the latest Field Day

information is on the NOARS website. There was discussion of the next Field Day being entirely QRP, nothing over 5 watts in the whole site.

Social Committee Committee Chair Elaine, KC8FOS, related the tour of Lorain Sheriff's Department Communications Center is still in the works. Lt. Scarbrough will email with a tour date, presumably in June or July 2018

K3LR – August 11. Start at DX Engineering 9 AM. Go from there to K3LR. Will invite other clubs.

Annual Picnic – August 20 at the Carlisle Reservation Duck Pond Picnic Area Park 12550 Diagonal Road. The pavilion has been reserved. More details later.

Holiday Banquet – planning continues. We will have a Holiday Banquet. Making plans A, B, C, and D.

Group meal – Elaine's gotten a response to the email sent out. If you haven't done so, let a member of the Social Committee, or a club officer, know which meal, breakfast, lunch, or dinner would be good for you.

Survey of what social activities members want. Let a member of the Social Committee know the kinds of things you'd like to do.

VP Clark, N8PZD, announced the possibility of a daytime tour of a factory, located in Cleveland, that produces LED bulbs, the A19s. He asked for a show of hands of how many would be interested in going on that tour. 11 responded.

Sunshine Tom, W8KYZ. There will be a memorial service for Richard Cervelli, K8RWC, on Saturday, April 21 in Norwalk. Details are on the website in the calendar.

Nets Bob, W8RET, said the nets are going well.

VE Testing April 15 Two applicants. Both passed. Tom obtained their phone numbers, will invite them to a meeting.

Newsletter NOARSLog co-editor Tom, N8FDY, reminded club members to get anything they want in the newsletter seven days before the end of the month. If you have something you want to include, but are

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uncertain about writing it, co-editor, Elaine, KC8FOS, will write it. Just call to get that done.

Public Relations Committee Committee Chair Dave, KY8OSU, advised that banners and signs are complete.

(Membership question) Chet, K8KIZ, asked about the microphone for Darlene Ohman. The purchase of a microphone for her was approved at a previous meeting. Clark had said he would contact Darlene about what kind she needs. He reaffirmed that he will talk to Darlene.

Old Business Meeting time change to 6:30 PM. Per NOARS By-Laws, a proposed change in meeting time was published in the April Log, moving membership meetings start time to 6:30, to allow for more program time. A motion to change membership meetings start time to 6:30 was made by Dave, KD8MXE, seconded by Carl, W8KRF. Discussion ensued. The motion passed.

Motion to limit business meeting to 45 minutes was

made by Tom, N8FDY, seconded by Mark, K8WON. The motion passed.

New Business Carl, W8KRF, explained the benefits of the new repeaters. He also discussed a new radio from Yaesu, the FTM7250DR. It has C4FM as well as conventional FM. It is an affordable way to get into digital radio, yet still have analog. Carl made a motion to approve the purchase of two more Yaesu DR-2X machines, seconded by Clark, N8PZD. Discussion ensued, including a request from Tom, W8KYZ, to Dave for vote by paper ballot. Point of Order brought up by Tom, N8FDY. According to Roberts Rules of Order, paper ballots are to be used only in elections. Parliamentarian Bob, W8RET, agreed. The vote was taken by show of hands. The motion passed.

Carl advised he will put Wires-X in analog, and give it a week to see how much club members use it.

A motion was made to adjourn the meeting by Gary, KD8VIQ, seconded by Dave, W8KFJ. The motion passed. The meeting was adjourned at 8:10.

A Note from the Editors

Tom, N8FDY, and I appreciate the opportunity of contributing to NOARS by editing the Log. Please let us know what you want in it. It's the club members' newsletter, and we want to include things you'd like to see. Maybe that would be fun facts, technical pieces, newsy bits, letters to the editor, etc. If you would like to

submit anything for publishing in the NOARS Log, please email it to noarslog@noars.net. The deadline for doing that is seven days before the first of the month. That gives us time to create and get the Log uploaded to the Website.

Elaine, KC8FOS

NOARS Apparel

Having your name, call sign, and NOARS logo on a piece of clothing is such a cool thing, especially at ham events. It identifies you as a member of the club, and makes you stand out. If you'd like something like that, go to the NOARS website at



www.NOARS.net, and click on NOARS Apparel. Email or call Pat Brush at PBConsulting.org or 440-724-1907 to let her know what you want.

Tech Savvy

We will publish a year-long series of monthly technical articles, written by NOARS member Joe Cebula, W8GWD. They will concern antenna functions since, as he puts it, "...antennas are not well understood by many hams." Joe has 12 articles, covering subjects such

as SWR, impedance matching, velocity factor, antenna tuners, and so forth. Joe assures us "the articles are short, not highly technical, and the math is straightforward." Following is the third article.

ANTENNA BASICS

Query No. 3

Q. How can the impedance at the antenna feedpoint be determined?

A. Use a feedline that is in multiples of one-half wavelengths. Antenna impedance is reflected down a feedline at halfwave increments and the impedance can be easily determined with the aid of an antenna analyzer. A halfwave feedline can be constructed using the expression:

$$L = \frac{492 \times VF}{F}$$

where L = Length (feet)

VF = Velocity Factor of the feedline

f = Frequency (MHz)

Connect an antenna analyzer to the antenna feedline, tune the analyzer to resonance, and read the impedance. If a half wavelength feedline is too short for connection to the antenna analyzer, multiply the calculated length by a whole number integer (such as 2, 3, 4, 5, etc.) to obtain the required length. Consult the ARRL Handbook for information concerning feedline construction.

Velocity Factor

Energy in a transmission line travels slower than the speed in free space and is typically from 0.65 to 0.97 of the speed of light. The fraction of the speed in a transmission line and the speed of light in free space is called the Velocity Factor (VF), which causes the wavelength of a feedline to be shorter than the length in free space. The physical length of a transmission line can

be calculated as stated above. The Velocity Factors in transmission lines vary due to the properties of the insulating materials used in the manufacturing process. Consult the manufacturer's specifications to obtain the value of the Velocity Factor, which must be taken into account when cutting coax to a specified electrical length.

Impedance

In a circuit containing both resistance and reactance, the combined values, which are in opposition to current flow, is called Impedance and is designated by the letter Z. Impedance is a complex combination of resistance and reactance which can be inductive or capacitive. Inductive reactance contains an inductance component while a capacitive reactance contains a capacitive component. Inductive reactance is mathematically described as XL = 2 x Pi x F x L and capacitive reactance is described as:

$$XC = \frac{1}{2 \times Pi \times F \times C}$$

Where

XL = Inductive reactance, a positive value (Ohms)

XC = Capacitive reactance, a negative value (Ohms)

Pi = 3.14159

F = Frequency (Hertz)

L = Inductance (Henrys)

C = Capacity (Farads)

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Impedance is expressed mathematically as $Z = R \pm jX$

where Z = Impedance (Ohms)

R = Resistance (Ohms)

X = Reactance, XL or XC (Ohms)

j = indicates the value of X is a negative

number

In mathematics, the letter i is used to indicate a negative number; the letter j is used in electrical work because i is already designated as the symbol for current. A positive j value indicates an inductive reactance while a negative j value indicates a capacitive reactance.

This was a brief description of the basic parameters that constitute an impedance. The mathematical aspect was not pursued as it is beyond the scope of this column and was mentioned for information only. For an in-depth discussion, consult the ARRL Handbook.

73

Joe, W8GWD

Darlene Ohman's Special Life Membership Certificate Presentation



Darlene (Dee Dee), KA8VTS, received a Special Life Membership Certificate. Carl Rimmer presented it to her in her home, in recognition of the many years of service she has generously given NOARS, its members, and the radio art.

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

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



NEW 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.

NEW For Sale by Bill, KE8DIF

- Yaesu FT 450D HF/50 MHz. Mic, Manual and Samlex Power Sec1223. Like New. \$400
- MFJ 10 Meter SSB Tranceiver (MFJ 9410) with power supply and MFJ Portable Tuner (MFJ 971). Like New. Both \$200

Drake 4 twins for sale by Sandy Whitney, W8KYS

Drake R4C and Drake T4XC pair for sale by Sandy, W8KYS. Very clean with money back guarantee, \$600. Call Sandy at 440-647-2255.





For Sale by Ted Neuhaus, W8GUH

Icom M5 marine radio handheld transceiver with case and charger. Excellent condition. Needs battery. \$50.00. Contact Ten at 440-787-7225, or email him at xrayted10@aol.com

For Sale by Tom, W8KYZ, 440.930.9115

- Heil HC-5 headphones with mic. Use with or without hookup for TS-480. \$30.00
- Yaesu YSK-7800 transceiver separation kit. New \$25.00
- Tempo HM-5 mic. New. \$1.00
- Larson mobile coil (NLA-220). New. \$5.00
- Larson mobile coil (LM-150) \$3.00
- New Cabelas multitool with nylon sheath. \$5.00
- Regency HR-2MS, with crystals, mobile bracket, mic, and manual. \$25.00

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
- LDG Antenna Tuner Z-11 PRO II. 160-6M. 125 W. Original box/Manual, starting at \$150.00 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

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. 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 ads.

NEW 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

Ted Neuhaus, W8GUH, has Antique Radios Free to Good Home

- HealthKit 2M FM transceiver with manual.
- Yeasu FT 23R 2M handheld transceiver with charger and case.
- Motorola six-crystals-controlled 2M mobile FM transceiver, with manual and mounting bracket.
- Drake dynamic desk microphone.

All are cosmetically good.

Contact Ted at 440.787.7225, or email him at xrayted10@aol.com if you are interested



Shack Safety

Can you have a 20-amp outlet on 15-amp breaker with 12-gauge wire?

This is a question that almost never comes up, but should. I have talked to many of my certified electrician folks about this and here's a summation of their answers to this question.

You can, but it would be misleading. Technically it's safe because you can't draw more than 15-amps long term, and the wire is large enough gauge to handle the 15-amps. If you are looking to sell your home where there would be a "home inspection" involved, a lot of home inspectors look for this common type of error. Why do I say it's a common error? Simple, many of us when installing or replacing an outlet in our homes will not look for the proper outlet, or we see that it states 20-amps and we figure since it's larger than the circuit that we're installing it will mean it will have a longer life since it's built to handle more current.

Many folks will simply go to the hardware department and grab the first outlet that they come to without realizing that they might be grabbing the wrong one. Using the wrong outlet can advertise to someone that knows the difference between the 2 types of outlets. This can lead to having someone attempt to plug in a 20-amp appliance and finds that it keeps tripping the breaker since you are really on a 15-amp circuit.

The reasoning for 15/20-amp receptacles on 15/20 circuits is this, 15-amp and 20-amp receptacles have different pin configurations. A 20-amp receptacle will have one slot that is turned sideways or T shaped to allow a 20-amp plug to be used.

A 15amp receptacle on a 20-amp circuit will not overload the circuit. You will only be allowed to plug in 15a devices. How many of these appliances you plug in is always a concern that you should observe.

20 Amp Outlet

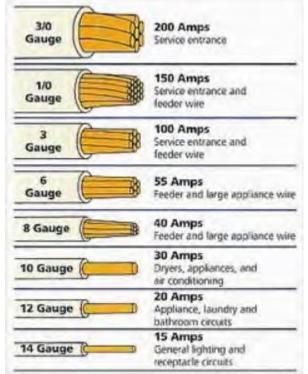
However, if you put a 20-amp receptacle on a 15-amp circuit, it can allow a 20-amp device (like an Air Conditioner) to be plugged into the 15-amp rated circuit. This is an immediate problem for the circuit, and can make for a very bad afternoon as well.

15 Amp Outlet

The other question I get is do I use 14-gauge wire or 12-gauge. My philosophy to this is. I always gauge the wire 1 wire size up from what I really need. Yes, it's a little more expensive in the short term, but the peace of mind, and the flexibility that this gives me is worth it to me. What do I mean by flexibility? Well, simply this. If I use 12-gauge wire on a circuit that starts out as a 15-amp circuit and decide later that I really needed a 20-amp circuit, all I will need to do is change the circuit breaker.







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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

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: Open

Program Committee: Open

Social Committee: Elaine, KC8FOS, Dave, KY8OSU,

Thomas, N8CWF

Public Relations Committee:

Dave, KY8OSU, Elaine, KC8FOS,

Thomas, N8CWF

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 44Ø12.

Meetings

Meetings are held at 6:30 p.m. sharp 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.



VE Testing

VE Testing is offered the third Sunday of every month.

2929 West River Road N. Elyria OH 44035, from 1-3 PM.

Burning River Traffic Net

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

- ! <u>UPDATE ! -</u> **NEW** as of: SAT, Apr 14, 2018

Pre-Field Day Meeting – Saturday, June 9th, 10 a.m. at Indian Hollow NOARS / LCARA Field Day 2018 (Current Status)

When - Saturday, June 233rd and Sunday, June 24th

Where - Indian Hollow Reservation (Parsons Rd) - Grafton, OH

Setup on Saturday, June 23rd at 9:00 A.M. (many arrive earlier)

! Field Day means FUN for everyone!

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

! ALL ARE WELCOME !

Band Assingments

Our entry category will be 5A (as of now) with maybe a 'FREE' 6 meter OR a GOTA station-1 FREE station allowed

75 meters	PH	K8PJS, Pat	NOARS
40 meters	CW	N8AUC, Eric	LCARA
40 meters	PH	KY8OSU, Dave	NOARS
20 meters	PH	K8CSI, Bruce	LCARA
15 meters	PH	N8PZD, Clark	NOARS
10	CDEATE	Annelling and a second and	1

10 meters GREAT for a daytime only operator – how about LCARA?

6 meters or a GOTA station (one band, all bands or anything in between) - a 'FREE' station

Bonus Points those that we are planning to get: 650 (checked) and those we would like to get (*)

- √ 100 points for each Tx using generator power 5 Tx (at present)
- √ 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
- √ 100 points visit by a 'served agency' representative Lorain County Red Cross
 Jim, WD8OCW (LCARA) or Al, N8CX (NOARS)
- √ 50 points filing Field Day report on the ARRL website Al, N8CX
- ✓ 100 points solar power contacts (5 QSOs required) Eric, N8AUC NEW!
- * 100 points promoting club Field Day and location on Social Media facebook, etc. OPEN!
- 100 points copy the ARRL bulletin RTTY printout prefered open
- * 100 points presenting a 30 minute educational activity: technical, public service, safety, etc. open
- 100 points satellite contact (1 QSO required) open
- * 20 points each youth operator (age 18 or under, 5 operators max)

Generator and Site Info

Generators: Mark, K8WON (NOARS), and Eric, N8AUC (LCARA) will have theirs on-site. Carl, W8KRF (NOARS) will have his available as a backup.

The stations will be widely separated to reduce interference. If you are setting up a station, bring at least 100 ft.

of power cord, in as large a gauge as possible (14ga or larger) and a multi-tap outlet as well. This will ensure that
you can get a connection to a generator with minimal voltage drop over a longer distance. Additionally, we will
need a power cord for the pavilion coffee maker, etc.

Food (PRELIMINARY)

Bottled water will be provided - Coffee will be available throught Field Day; including cups, sugar, creamer, stirers Bring your own cooler, with your prefered water, soft drinks, snacks, food, etc.

some soft drinks and snacks may be provided as donated by members

Please remember that no alcholic beverages or foul language are permitted in the park!

Dinner Saturday night, We will again plan on pizza.

Breakfast Sunday morning, Again we hope, will be cooked on-site. Help will be available.

Ouestions or comments:

Contact Al, N8CX, NOARS Field Day Chairman, n8cx@arrl.net Home 216-221-3682 ! LEAVE A MESSAGE!