



# NOARS LOG

VOLUME 52, ISSUE 7

JULY 2016

## SPECIAL POINTS OF INTEREST:

- Member Spotlight is on Jane K8JGR
- Win a Yaesu Digital Transceiver
- NOARSfest July 16th

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## Jane-Waves



I am writing this on a beautiful, sunny, Sunday morning at our joint Field Day with the Lorain County Wireless Operators. I am thrilled to say that it has been a resounding success. At this moment NOARS has been represented by 17 members plus eight of their non-member guests. Carl W8KRF worked digital PSK31, and several members helped operate the HF and the GOTA station which used the NOARS call K8KRG. For the kids' educational-related activity, I demonstrated a potato battery and a five-cell penny battery lighting up a LED light, and Carl and I set up a public information display about NOARS activities and Amateur Radio.

But the icing on the cake was experiencing Tom Dolan N8CWF's utter delight in not only making his first-ever HF contact, but his first-ever contest contact as well! That was only matched by the excited exclamation "I got one, I got one" by Tom Southam W8WLI who also logged a contest point!

It is our hope at NOARS to have an independently run Field Day in 2017 but are extremely grateful to the Lorain County Wireless Operators for inviting us to their party this year. NOARS members who are serious about FD should start their planning NOW. Let's find an enclosed location to shield operators from the elements. And start designing the antenna layout, internet network structure for logging and commence lining up operator/band interest. Most importantly, a communications

director is needed, not only for FD, but for all NOARS events. We currently have a hit-and-miss approach to contacting members, media and surrounding clubs, and would be in a stronger position if one of you would offer to establish a Communications Director position. Please contact me if you are interested.

Also, please support NOARS by attending and volunteering to help at NOARSfest on July 16th at Lorain County Community College, where the drawing for the Yaesu FTM-400XDR digital transceiver will be held. More information is found on page seven.

Hope you all have (had) a safe and happy 4th of July.

73,  
Jane  
K8JGR@ARRL.net

## In Sympathy

NOARS member, **Ayn Rutter KD8YIE** of Berea has passed away. Tom W8KYZ administered the Technician ex-

am to her a few years ago and she used to attend meetings and NOARSfests. If anyone has her family contact infor-

mation, please let Jane K8JGR know, so a condolence note can be sent.



# Member Spotlight - Jane K8JGR



Jane Reed K8JGR  
And Son, Kevin

## Name, Call Sign, License:

Jane Garson Reed K8JGR,  
Extra

## How long have you been a ham?

1980 Novice KA8KWC  
1987 Novice KB8DGO  
2/25/05 Technician KD8BAN  
4/8/2005 General KD8BAN  
11/22/2005 Extra K8JGR  
12/10/2005 VE

## How long in NOARS?

Joined in 2014

## What/who got you interested in amateur radio?

My father, Joe Guzowski (SK) K8ZFR. He was a quadriplegic and a resident of Crile Veterans' Hospital in Parma and Cleveland from WWII to his death in 1971. I was his hands when I visited him, so learned to solder PL-259s and replace tubes, hook up equipment and go on the air while I was in high school. I also drove him in his Volkswagon bus (in the 1960's mind you!) to electronics stores and Hamfests. See the picture of us at the Findlay, Ohio Hamfest in the February 1967 QST Magazine.

## Favorite rig(s)?

I have a Kenwood TS-2000 with an Astron power supply, along with Yaesu VX-6R and FT1D. My Titan Gap multi-band antenna needs repairing but am in the process of mounting a Kia Hex Beam on my barn. I also have a ground-mounted Diamond 2m/440 antenna.

## Awards, activities, nets:

2014 NOARS Ham of the Year.

## Current projects?

Installing a 400W solar panel system. Will light the patio when not being used for field installations.

## What line of work were you in?

A little bit of everything! I was the first female Letter Carrier in the Brecksville/Broadview Heights Post Office. After I became a Certified Public Accountant I was Senior Corporate Auditor at White Motor Corporation, flying across the US and Canada. I received a Executive MBA from CWRU in 1983 and was a full-time Professor of Accounting and Finance at Baldwin-Wallace University, while working on a Doctorate at Cleveland State when Kevin got injured. So I quit work, helped him with his

rehabilitation and am now his partner at ThunderEcho Drum Co. and 318 Ventures LLC for our real estate holdings.

## Other Hobbies:

I learned to fly a Piper Cherokee in 1969, dabbled with guitar and voice, and was VP of the Medina County Writers' Group and manuscript reviewer for a refereed accounting journal. I have a partially written book that needs completion "when I retire! "

## What would you like to learn more about?

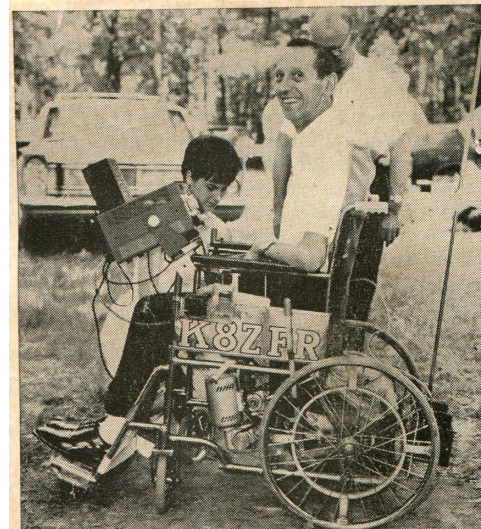
Digital. I am anxious to learn how to use my Wires-X HRI-200, Signalink and building something with Raspberry Pi 2.

## What would you like to see in NOARS?

I'd like to see more member involvement and a focus on changing the NOARS culture to attract younger members and more female members. We need to get involved in public service projects again as well.

**Why do you enjoy Ham radio?** For the emphasis on science, technology, engineering and math.

## Strays



This is K8ZFR operating wheel chair mobile on 75, 20, or 6 meters, powered from the wheel chair's storage batteries. He has a special photographic QSL for QSOs from the chair. Joe also puts in 6 to 8 hours a day from the club station at Cleveland Veterans Administration Hospital, including QNIs to the Eye Bank Net, Ohio SB Net, International Handicappers Net, and North American SB Net.

# Win a Digital Transceiver



NOARS is offering a chance to win a **Yaesu FTM-400XDR** C4FM FDMA/FM 144/430 MHz Dual Band Transceiver for a donation of \$5.00 per raffle ticket. **Only 200 tickets will be sold. The drawing will be held at NOARSfest, July 16th, 2016.**

The Yaesu FTM-400XDR digital transceivers are the first mobiles to be fully compatible with the Yaesu System Fusion Dual Mode Analog/Digital communication systems as used by NOARS.

Contact Alex N8QL at [raffle@noars.net](mailto:raffle@noars.net) for more information or if you wish to make arrangements to purchase tickets. Cash or Checks made out to **Northern Ohio Amateur Radio Society** will be accepted.

Not many tickets are left. Buy now!

**Enter to win! Tell your friends!**

The raffle winner will be contacted and announced in the *NOARS Log* newsletter.

<b>Northern Ohio Amateur Radio Society</b>				
<b>FTM-400XDR Raffle</b>				
C4FM FDMA / FM				
144/430 MHz DUAL BAND TRANSCEIVER				
Drawing will be held once 200 tickets are sold				
<b>SAMPLE</b>				
<b>Donation \$5.00</b>				
Thank you for your support!				

**No 00001**

Name \_\_\_\_\_

Call \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

SAMPLE

NOARS FTM-400XDR Raffle

**No 00001**

# June Meeting Minutes

## Minutes of the June 20, 2016 General Meeting

Submitted by Thomas Dolan N8CWF, Secretary Pro Tem  
The meeting came to order at 7:01pm, 30 Members and guests present.

**Secretary's Report:** President, Jane K8JGR called for a motion to suspend the reading of the May 16th minutes as published in the June NOARS Log.

- Motion – Bob KM4REO , Second – Bob W8RET  
Corrections: None  
Motion passed by the majority vote of the members that the minutes be accepted as published.

**Treasurer's Report:** Tom W8KYZ

- Motion to approve report - Mark K8WON , Second: Tom W8WLI
- Discussion: None
- The motion carried and the report was approved as read.

**President's Report:**

With a heavy heart, Jane informed the club of the passing Anne Rutter KD8YIE from Berea, who is henceforth a Silent Key. The club discussed contacting the family of the deceased to extend our condolences.

The July 18th meeting is available for a program! Chet K8KIZ offered to provide a presentation on a "Crappie" antenna. [Ed note: Chet will be moving his presentation to our September meeting. July's presentation will be a continuation of Jack Wendling KD8QMU's Solar Panel talk, and August is our NOARS picnic.]

Jane also mentioned an "Elmer Hunt", trying to find experienced NOARS hams who are willing to provide help to new and other hams. A questionnaire will be handed out at the July meeting.

Field Day this year will not be held by NOARS, but in conjunction with Lorain County Wireless Operators. Unfortunately, due to lack of interest and participation, it was determined that this merger would be in the best interest of the club, and of course, the spirit of the event.

Carl W8KRF made a motion and Tom W8KYZ seconded to utilize NOARS call sign K8KRG for the GOTA station. With no further discussion, the motion carried by majority vote.

Field Day will be held with Lorain county Wireless Operators NW8S at 6217 Elyria Ave. Elyria Township, OH 44035.

**Temporary Committee Reports:**

- **Raffle:** Jane K8JGR reminded the club that raffle tickets for the Yaesu FTM 400 XDR are still on sale - see Carl W8KRF during the meeting to purchase a ticket (or three!) The drawing will be held at NOARSfest.

**Old Business:** None

**New Business:** None

**Announcements:**

- NOARS has a resource available for all Hams desiring custom hats and jackets. Information is available on our site. The link is reportedly down, but the phone number is good.
- NOARS Fest Meeting - Tuesday June 28th, Jane Reed's Residence in Brunswick at 7PM. NOARS Fest is the 16th of July at LCCC.

**Adjournment:**

A motion was made by Carl K8KRF, seconded by Clark N8PZD and passed by majority vote to adjourn the meeting.  
Time: 7:39pm

**50-50 Raffle:** Generated \$23.00 for the club and \$23.00 for the winner.

**Program:** Jack Wendling KD8QMU from Parma Radio Club – Introduction to Solar Panel Systems.

*If there are any errors or corrections to the minutes, please mention during the next General Meeting*



## New Energy-efficient Lights Can Wipe Out Radio



As we conserve energy by the use of compact fluorescents or LEDs (light emitting diodes), occasionally things go wrong since these devices may also radiate radio interference.

The old pear-shaped incandescent bulbs were very inefficient. However, some of their replacements do not meet emission standards and are the source of electromagnetic interference.

In the USA, fluorescent lights in a Los Angeles office were causing problems for Verizon's Long-Term Evolution or LTE network.

Another case being investigated by the Federal Communications Commission involves a Texas hair salon's fluorescent lighting system's electronic ballasts interfering with a mobile phone network.



In Australia, complaints about TV reception were received by the Australian Communications and Media Authority that had traced the problem to some LED lights.



In England and elsewhere, there have TV interference complaints, with interference spreading to set-top boxes and cable TV.

However, don't blame the technology, but rather the design used in cheap products. If you experience an interference problem, return the offending lights to the place of purchase. If you get no satisfaction, bring the matter to the attention of the FCC.

Reproduced from Amateur Radio Newsline  
Jim Davis W2JKD

## Past Program: June



Our June 20th General Membership Meeting featured speaker, **Jack Wendling KD8QMU**,

who presented an **Introduction to Solar Panel Systems** — how to set up

and power your field radio installations.

It was so well received that Jack agreed to continue this timely topic at our July 18th meeting.

We thank Jack for his time and thoughtful presentation and are looking forward to more insight into using solar panels in our Amateur Radio stations.

## Roll Call: June Meeting

### 30 Members and Guests in Attendance:

K8AGW \* K8JGR & Kevin  
 K8KIZ \* K8WOU \*  
 KB8WUA \* KB8ZUN \*  
 KD8TCZ \* K8HRD \*

KM4REO \* KY8OSU \*  
 N8CWF & Lily \* N8PZD \*  
 NC8X \* WA0DVY \*  
 W8GWD \* W8IMO \*  
 W8KFJ \* W8KRF \*  
 W8KYZ \* W8NNC \*

W8RET \* W8WLI \*  
 WA8THF \* Other Guests:  
 Doug McClure KD8SST \*  
 Steve Mainger W8IH \* John  
 Wendling KD8QMU \* Bill  
 Eyman KE8DIF \* Lillian Pritt



## Call Signs Heard on NOARS Nets

### June 2016 Tuesday & Thursday Nets

AC8RV - K8AGW - K8IC -  
 K8RWC - K8WON -  
 KA8WLI - KB8O -  
 KC3BCX - KC8ESG -  
 KC8FQV - KD2HCE -

KD8SST - KD8VIQ -  
 KD8VTX - KD8YNC -  
 KD8ZRL - KE8ACH -  
 KE8CTB - KE8CWD -  
 KM4REO - KY4CA -  
 KY8OSU - N8CWF -  
 N8JIW - - N8WS -  
 N8XZY - NC8X - NQ8T -

W8BHJ - W8FAN -  
 W8GWD - W8HF -  
 W8KRF - W8KYS -  
 W8KYZ - W8RET -  
 WA8THF - WB8UPA -  
 WD8CSP

# NOARSFEST

**Annual Hamfest and Computer Show**

**Saturday, July 16, 2016**  
**8AM - 12PM**

**Lorain County Community College**  
**John A. Spitzer Conference Center**  
**1005 N. Abbe Rd.**  
**Elyria, OH**

**Setup at 6:00 a.m. Doors open at 8:00 a.m.**

**Air conditioned indoor vendor sales**

**Free Parking - Handicap Accessible - Outside Flea Market (\$5/space)**

## ARRL APPROVED HAMFEST

Vibroplex Clinic by Chet Roberts K8KIZ

9:30-11:30AM

Bring your Vibroplex for a FREE tune-up.

Also offering conversions from semi-automatic to iambic  
 (for electronic keyers)



**Just \$7.00 General Admission -** under 12 free  
 6 ft. indoor vendor tables - \$10.00

## PRIZES

**Hourly Prizes starting at 9 AM**

Need not be present for Main Prizes but must  
 be present for all other prizes.

Mobile check-ins and directions on **146.70 (PL 110.9) NOARS** repeater

For table reservation contact:

**Darlene Ohman K8VTS (216) 398-8858 (before 11PM)**  
**or David Fisher KY8OSU (330) 770-4090**

Email: [noarsfest@noars.net](mailto:noarsfest@noars.net)

To find out more, go to the NOARS web site: <http://www.NOARS.net>

\*\*\*\*\*Present this flyer at the door for a \$1 discount on admission\*\*\*\*\*  
 Callsign: \_\_\_\_\_ Email: \_\_\_\_\_

**The Yaesu FTM-400XDR drawing will be  
 held at NOARSfest, July 16th, 2016**

# July 18, 2016 Program



No, this is NOT a misprint!  
**John “Jack” Wendling**  
**KD8QMU**, a member of the  
 Parma Radio Club, will be  
 coming back to NOARS to

**continue** his topic, **Introduction to Solar Panel Systems**,  
 to further explain the basics of  
 building a solar panel system  
 to power communications out

in the field. We are thrilled  
 that he is willing to share  
 more of his expertise on the  
 subject at our July Membership  
 Meeting.

## Hamfests and Events

07/10/2016

Location: Austintown Senior Center  
 112 Westchester Drive  
 Austintown, OH  
 Website: <http://20over9.org>  
 Sponsor: 20/9 Radio Club, Inc.  
 Type: ARRL Hamfest  
 Talk-In: 147.315  
 Contact: Dotti O'NeilMeleski KC8SYF  
 17520 Denver Drive, Lake Milton, OH  
 44429  
 Phone: 330-651-8420  
 Email: [Hamfest@20over9.org](mailto:Hamfest@20over9.org)

07/17/2016

Location: Van Wert County Fairgrounds  
 1055 South Washington Street  
 Van Wert, OH 45891  
 Website: <http://w8fy.org>  
 Sponsor: Van Wert Amateur Radio Club  
 Type: ARRL Hamfest  
 Talk-In: 146.250 / 146.850  
 Contact: Stephen Kouts , WA8WKF  
 PO Box 347 Van Wert, OH 45891  
 Phone: 419-771-8152  
 Email: [techserv@embarqmail.com](mailto:techserv@embarqmail.com)

Throughout 2016, Amateur Radio will be helping the National Park Service celebrate their 100th anniversary. Hams from across the country will activate, promote the National Park Service and showcase Amateur Radio to the public.





# July Calendar Events

**Happy July Birthday to the following members:**

KE8CJY + K8HRD + W8ANJ + KE8ALV

Please let Carl W8KRF know if your birthday is this month and your name doesn't appear here. There is a good chance that it's not in our database!

**July General Membership Meeting:**

Held 7:00pm sharp on July 18th at the North Ridgeville Branch of the Lorain Public Library, 35700 Bainbridge Rd., North Ridgeville, Ohio 44039 . Doors open 6:30pm. Coffee and donuts will be available. The Program will follow the meeting.

**August 15th, 2016 Picnic:**

Each year, in August, we *replace* our regular membership business meeting with a PICNIC at Duck Pond at 12882 Diagonal Road La-Grange, Ohio 44050. NOARS provides the burgers, hot dogs, condiments, and beverages. Bring a covered dish or dessert to share. Come join us!

"Summer is the time when one sheds one's tensions with one's clothes, and the right kind of day is jeweled balm for the battered spirit. A few of those days and you can become drunk with the belief that all's right with the world."  
*Ada Louise Huxtable*

July 2016						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
31					1	2
3	4	5 10M Net 8p NCS: NC8X	6 BRTN 9:30p	7 2M Net 8p NCS: W8RET	8	9
10	11	12 10M Net 8p NCS: NC8X	13 BRTN 9:30p	14 2M Net 8p NCS: W8KYZ	15	16 NOARSfest
17 VE Testing ARC	18 NOARS Meeting 7:00pm	19 10M Net 8p NCS: NC8X	20 BRTN 9:30p	21 2M Net 8p NCS: W8RET	22	23
24	25	26 10M Net 8p NCS: NC8X	27 BRTN 9:30p	28 2M Net 8p NCS: W8RET	29	30

# For Sale



Diawa keyer \$5.00

Bencher BY-1 \$60.00

MFJ - 949E Antenna tuner \$50.00



Pro-2039 scanner \$25.00



Ten-Tec OMNI 6 for parts make offer

Tom W8KYZ  
440.930.9115

Icom R-75-22, shortwave receiver. 30hz - 30mhz.

Manual and box, \$375.00



Brian Dawson  
440.654.2498

All Ad Submissions must be sent to noarslog@noars.net or to: NOARS Log 161 Herrmann Drive Avon Lake, OH. 44012 The deadline for submissions is the third Tuesday of each month. All must

include: asking price, sellers name, call sign and phone number.

Ads from current NOARS members (or paid advertisers) will have priority on a space available basis!

Notice: all ads will be removed (unless updated) after three months (as space is needed)! NOARS reserves the right to refuse ads.

# Antenna Specialist



Kurt R. Dix, President Plum Creek Systems, Inc. 2920 Plum Creek Parkway. Medina, Ohio 44256

Microwave Specialist (unlicensed bands). Indoor/Outdoor Systems. Initial Assessments, Surveys, Troubleshooting, Service, Installation. 18yrs experience. 1000's of links. Indoors to 30+ miles.

Structured Cabling. Custom Video Surveillance Systems (based on Blue-Iris NVR).

Please contact him kurt@plumcreeksystems.net if you need assistance.

Note: Kurt is the person who climbed our tower and re-paired the antenna)

# For Sale

Kenwood Transceiver TS-830S

Good working condition  
New power supply  
Caps and glitch protection installed one year ago.

William Adams WD8OSJ  
wd8osj@wd8osj.com  
440-522-4622 (text only)



\$600.00 Firm

# Join the ARRL

Are you joining the ARRL? Did you know that NOARS will receive a commission if you do your transaction through us?

## Commission Terms

ARRL Affiliated Clubs receive a commission for every new ARRL membership they submit to ARRL Headquarters.

Clubs retain \$15 for each new membership OR lapsed membership (of two years or more). A NEW MEMBER is defined as any individual who has never been a member of ARRL or any individual who has not retained a membership for two or more calendar years prior to the application submission.

If you are not an ARRL member, please consider joining now. As an affiliated Club, we are required that 51% of our membership be active ARRL members. If you are joining, contact Tom Porter, W8KYZ. This is important. You will gain benefits provided by being a member of the ARRL, and NOARS will receive some income to help support our activities and events, as well as our repeaters.

*Note: We are no longer processing renewals because of a poor cost/benefit ratio.*





### Northern Ohio Amateur Radio Society

NOARS

161 Hermann Drive  
Avon Lake, Ohio 44012

NOARS is a Public Service Organization with the purpose and goal to enhance the Amateur Radio Service through Public Service, Education, and Fellowship.

**Our 51st year serving the Amateur Radio Community of Northern Ohio**

- Meetings are held at 7:00 pm sharp on the third Monday of every month at the North Ridgeville Branch of the Lorain Public Library, 35700 Bainbridge Rd, North Ridgeville, OH. The meetings are open to the public and all are welcome.
- Regularly scheduled NOARS nets are every Tuesday night at 8 pm on 28.370 MHz, and every Thursday night at 8 pm. for the rag chew and technical discussion net on 146.700 MHz. NOARS FUSION Repeaters can be heard at 146.700 (-) PL 110.9 & 444.800 (-) PL 131.8 in Elyria, OH, as well as, 145.150 (-) PL 110.9 in North Royalton, OH. 3-minute TOT. EchoLink K8KRG/R or Node #502546
- Our repeater will be used by Burning River Traffic Net (BRTN) on Wednesdays at 9:30 pm.
- All licensed amateurs are welcome. NOARS membership is not necessary to participate. In fact all participation is encouraged and appreciated.



# NOARS

# e-Mail [noars@noars.net](mailto:noars@noars.net)

#### 2016 Elected Officials

**President:** Jane Reed K8JGR  
**V.P.** Dave Fisher KY8OSU  
**Treasurer:** Thomas Porter W8KYZ  
**Secretary Pro Tem:** Tom Dolan N8CWF

#### Committee Heads for 2016

**Program:** Alex Pasini N8QL  
**Membership:**  
 Carl Rimmer W8KRF  
**Newsletter:** Jane Reed K8JGR  
**DX/Field Day:**  
 Al Moriarty N8CX  
**Net Mgr:** Robert Tome W8RET  
**Hamfest:**  
 Darlene Ohman KA8VTS

**Website:** Carl Rimmer W8KRF

**Education:** Alex Pasini N8QL

#### **ARRL VE Team:**

Joseph Cebula W8GWD  
 Steve Hill NQ8T  
 Bill Isenberg K8IC  
 Brian Kellison AC8RV  
 David O'Connor II KD8MXE  
 Joe Oney W8SSE  
 Alex Pasini N8QL  
 Tom Porter W8KYZ  
 Jane Reed K8JGR  
 Carl Rimmer W8KRF

**Sunshine:** Darlene Ohman KA8VTS

#### **Parliamentarian:**

Robert Tome W8RET

#### **K8KRG License Trustee:**

Al Moriarty N8CX

#### **Repeater Upkeep:**

Carl Rimmer W8KRF  
 Clark Beckman N8PZD  
 Bill Isenberg N8IC  
 Tim Allen NC8X  
 Tom Porter W8KYZ

**Photographer:** Robert Tome W8RET

# NOARS

is

# K8KRG