



# NOARS LOG

**Our  
50<sup>th</sup> Year**  
Serving The  
Amateur Radio  
Community

The Award Winning Newsletter of:  
The Northern Ohio Amateur Radio  
Society

www.noars.net

## Welcome to NOARS country!

## July 2014

NOARS Membership Meetings Are Held at:  
North Ridgeville Public Library  
On The Third Monday  
Every Month @ 7:00 P.M.



V.E. Exam Schedule:  
1 P.M. Third Sunday of each Month.  
Elyria Red Cross, 2929 W. River Rd N. Elyria, OH

SUN	MON	TUES	WED	THUR	FRI	SAT
		1 1ØM Net 8PM NC8X	2 ARN 8PM	3 Weekly NET 8 pm NCS: W8RET	4 ARN 7pm	5
6	7	8 1ØM Net 8PM W8KYZ	9 ARN 8PM	10 Weekly NET 8 pm NCS: W8KYZ	11 ARN 7pm	12
13	14	15 1ØM Net 8PM NC8X	16 ARN 8PM	17 Weekly NET 8 pm NCS: KD8VTX	18 ARN 7pm	19 <b>NOARSfest</b>
20 VE Testing @ Elyria Red Cross	21 Membership Meeting	22 1ØM Net 8PM NC8X	23 ARN 8PM	24 Weekly NET 8 pm NCS: N8CX	25 ARN 7pm	26
27	28	29 1ØM Net 8PM NC8X	30 ARN 8PM			

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# The Northern Ohio Amateur Radio Society

## K8KRG



July 2014 - Volume 50 Issue 7

## Welcome To NOARS Country

Nothing was submitted by Clark N8PZD this month so I will use the space for an Editorial.

Field day was especially difficult to pull off this year. Many of us just are not as young and capable as we were only a few years ago. Personally, Field Day took its toll on me due to the heat and the fact that I was the only operator at the 40 meter station for much of the operation. I moved my station to the pavilion for the last few hours of the event and Fred AA8S made several CW contacts. Here is a summary:

### Total Contacts by Band and Mode:

Band	CW	Phone	Dig	Total	%
80	0	20	0	20	8
40	30	77	51	158	60
20	0	44	0	44	17
15	0	35	0	35	13
10	0	2	0	2	1
6	0	6	0	6	2
Total	30	184	51	265	100

Unofficially, we had 346 contact points. Al will be submitting the data to the ARRL and will include any bonus points we acquired.

We are going to have to rethink our future FD plans. 73,  
Carl W8KRF

Follow us on Facebook  and Twitter 

### Who's who at NOARS? (And How to Contact Them)

#### 2014 Elected Officials

- President2014atnoarsdotnet:.....N8PZD Clark Beckman
- Vicepresident2014atnoarsdotnet:..N8QL Alex Pasini
- Treasurer2014atnoarsdotnet:.....W8KYZ Tom Porter
- Secretary2014atnoarsdotnet:.....KA8VTS Darlene Ohman

#### K8KRG License Trustee

trusteeatnoarsdotnet N8CX Al Moriarty

#### Committee Heads for 2014

- Newsletter Production: W8KRF Carl (Editor)
- (noarslogatnoarsdotnet) W8KRF Carl (Publisher)
- A.R.R.L. V.E.....W8KYZ Tom Porter
- W8KRF Carl Rimmer
- W8GWD Joseph Cebula
- N8QL Alex Pasini
- K8IC Bill Isenberg
- NQ8T Steve Hill
- W8SSE Joe Oney
- K8JGR Jane Reed

- Education Committee Chair: N8QL Alex Pasini
- Membership2014atnoarsdotnet: W8KRF Carl Rimmer
- DX/Field Day Chair: N8CX Al Moriarty
- Net Operations Manager: W8RET Bob Tome
- Hamfest Chair: KA8VTS Darlene Ohman
- Webdesignatnoarsdotnet: W8KRF Carl Rimmer
- Sunshine Committee: KD8MUW Angela Lasko
- Repeater Upkeep: K8IC Bill Isenberg
- N8PZD Clark Beckman
- Parliamentarian: W8RET Bob Tome

### NOARS IS ON THE AIR!

#### Weekly Nets:

- 28.370 MHz Tuesday Night 10 Meter Net 8pm local time  
NCS: NC8X – W8KYZ
  - 146.70 (-) PL 110.9 Thursday Weekly Net 8pm Local time  
NCS: W8RET - W8KYZ – N8CX – KD8VTX
- All are welcome on NOARS nets!



BTW Dept.!

Happy Birthday to the following members:

- \* Dave KD8MXE \* Barry N8VTY \* Andy N8OFS \*
- \* Harold K8HRD \* Steve W8ANJ \* Jerry KD8SEN \*
- \* Reggie KD8VIO \*

\* Ed. Note If your birthday doesn't appear here its a good chance that its not in our database! Please contact: Carl W8KRF and update us!

# NOARS NEWS

## July Meeting Program

Chet K8KIZ will give a presentation on “How to Wind a Toroid Balun”. He will have a step by step explanation with slides.

## Sunshine Committee Reports

Rich, K8RWC, has had successful surgery and is back to his ole ornery self. Get on the air more, Rich.

Jerry Ruppelt, KA8BWI, passed away on Sunday, June 29, 2014. Our condolences to his family and friends.

## NOARS Self-Serve Table

It has been a tradition at all NOARS hamfests to provide a self-serve table which contains items donated by the members and placed on the table for sale. Hamfest attendees then donate what they consider a fair amount for any item. The monies are place in our General Fund for use throughout the year.

So, if you have “stuff” lying around in the shack, garage, or basement which may have value to someone else, please consider bringing it to the hamfest and donating it to our self-serve table for sale. Your “junk” may be someone else’s “treasure.” Thank you.

## Field Day 2014



## Congratulations...

to **Matt Sherry, KD8YXN**, and **Ravi Raju, KD8YXM**, who both passed their Technician exam at the Red Cross VE session on June 15<sup>th</sup>. They received their calls on June 20<sup>th</sup>. Ravi attended our June meeting and also appeared at Field Day where he made several 40 M phone contacts.



**Ravi KD8YXM**

**Welcome New Member: Linn Keller, KD8NGE**, from LaGrange. Linn was an active contributor at Field Day.

## More FD 2014



**Roll Call: May Meeting Attendees****25 Members And Guests In Attendance**

AA8S Fred	KA8WLI Tom	KD8TCZ Stephanie	W8SSE Joe	KD8VTX Matt
W8KFJ David	K8KIZ Chet	W8IMO Bob	K8JGR Jane	K8AGW Dan
KD8WON Mark	K8IC Bill	N8CX Al	W8GWD Joe	KD8YXM Ravi
K8HRD Harold	Robert Drake	NC8X Tim	KB8ZUN Jeff	KA8VTS Darlene
W8KYZ Tom	W8RET Bob	N8QL Alex	N8PZD Clark	W8KRF Carl

**Minutes of the June 16, 2014 Meeting**  
**Submitted by: Darlene Ohman, KA8VTS**

The meeting began at 7:00 p.m., 24 members and guests present.

- **Treasurers Report:** Tom Porter, W8KYZ, a motion was made and seconded to accept the treasurer's report as given. The motion was passed.
- **Secretaries Report:** Darlene Ohman, KA8VTS, a motion was made and seconded to accept the secretary's report as printed in the newsletter. The motion was passed.
- **Education Committee:** Alex Pasini, N8QL, we wrapped up our class at the end of last month and we have two (2) new generals. We are planning to have another class in the fall. We need people to spread the word about our classes.
- **Newsletter:** Carl Rimmer, W8KRF, I need more input. If you want to put something in the newsletter get the information to me no later than the last Monday of the month. I need more things to put in the newsletter.
- **Membership:** Carl Rimmer, W8KRF, we have a new member, Robert Dosall, KF8YI from Amherst. If anyone needs a roster mailed to them, let me know.
- **Nets:** Bob Tome, W8RET, the nets are going good. We could use some more participation on the 10 meter net on Tuesday night on 370 at 8:00 p.m.
- **Sunshine:** Angela Lasko, KD8MUW, was not in attendance. Rich Cervelli, K8RWC, his surgery went very well and he is feeling really good.
- **Web Site:** Carl Rimmer, W8KRF, when you're on the website, please check the links to see if they are working well. If you see a problem let me know.
- **DX:** Al Moriarty, N8CX, there is a lot of DX out there; you just have to keep looking.
- **Repeaters:** Clark Beckman, N8PZD, all three repeaters are working. We will have a repeater committee meeting soon.

**Old Business:**

**Field Day:** Al, N8CX, during Field Day we will have bottled water and coffee all weekend. Bring your own cooler if you want something else to drink or eat. Saturday at 12 noon we will have hot dogs, potato salad and chips. Saturday night we will have pizza. Sunday for breakfast we will have sausage gravy and biscuits with orange juice.

**Noarsfest:** We need about 5 or 6 people to work out in the flea market.

**New Business:**

Next month our program will be given by Chet Roberts, K8KIZ, who will be showing us [How to Wind a Toroidal Balun](#).

The meeting was adjourned at 7:57 p.m.

**A Few of the Call-Signs Heard On the NOARS Nets**

*June 2014*

**Tuesday and Thursday Nets**

NC8X (NCS) – K8AGW – KF8PM – W8RET (NCS)  
 KA8WQL – W8KYZ (NCS) – W8GWD – NQ8T - N8WS –  
 W8KRF – WB8UPA – KD8VTX - N8CX (NCS) – KD8MUF –  
 N8CX (NCS) – WA8ERA – W8KYS

**NOARS Has Two Nets For You!**

On: 146.700 MHz Repeater, and 28.370 MHz

**The 8:00 PM Tuesday Night 10 M Net**

Join Tim, NC8X and Tom W8KYZ for this net.

**The 8:00 PM Thursday Rag Chew /Tech Net.**

Join us for our weekly 2M repeater rag chew and tech net

Hosted by W8RET - W8KYZ- N8CX

Our repeater has been offered as a backup for the Burning River Traffic Net which operates at 9:30 each evening.

# NOARSFEST



**Annual Hamfest and Computer Show**

**Saturday, July 19, 2014**

**Lorain County Community College  
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 - Large Outside Flea Market**

**ARRL APPROVED HAMFEST**

**Still just \$6.00 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 - KA8VTS (216-398-8858)**

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

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

## For Sale & Advertisement's Page

All Submissions must be sent to [noarslog \(at\) noars.net](mailto:noarslog@noars.net) or to: NOARS Log, 161 Herrmann Drive, Avon Lake, OH. 44012  
 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 paying advertisers) only will be accepted! Notice! All ads will be removed (unless updated) after three months (as space is needed)! NOARS reserves the right to refuse ads at our discretion.

### KD7HZP EQUIPMENT SALE (Moving)

**AMERITRON AL-811, AMPLIFIER, 600W PEP  
 OUTPUT 160-15 MTRS WITH ARB-704 (keying  
 interface buffer) \$400.00**

**MFJ-986 ANTENNA TUNER 1.8-3MHZ 1500W  
 PEP SSB \$250.00**

#### 2 METER AMPLIFIERS

**Radio Shack HTA-20, 30 watts \$ 20.00  
 Tucker, V-35WA, 35watts \$ 20.00**

**MFJ-1796 VERTICAL ANT 40-2 MTRS (2 YEARS  
 OLD) \$150.00**

**ARCHER 21-525, SWR/FIELD STRENGTH  
 METER \$10.00**

**RADIO SHACK 22-805. 24 RANGE DIGITAL  
 MULTIMETER \$10.00**

**ANLI "HT" DUAL BAND 2/440 ANTENNA \$ 5.00**

**MORSE CODE TELEGRAPH KEY \$10.00**

**ARRL 2004 HANDBOOK \$15.00**

**ARRL 20TH EDITION ANTENNA BOOK \$15.00**

**(Vintage) AMECO RADIO AMATEUR LOG  
 BOOK \$ 5.00**

**30 watt Soldering Iron \$10.00**

**CONTACT Tom, W8KYZ, 440.930.9115**

### W8ADV (SK) ESTATE SALE

#### ANTENNAS AND ACCESSORIES

Radiowavz 80mtr. end fed connector \$5.00  
 Antenna insulators \$1 to 3.00

#### MISC.

PLCe FireWire Card (2+1 ports) \$5.00  
 MFJ-464 KEYSER/READER \$50.00

#### HEADPHONES--COMPUTER MICS

TR-2000 Ear and Head Cushion (no mic) \$20.00  
 Radio Shack #33-280 Wireless Headphones \$15.00  
 FM ear cushion headphones \$10.00  
 TELEX computer mic. \$ 2.00  
 LABTEC AM-32 lapel mic. \$ 2.00  
 Cassette mic. \$ 1.00  
 LOGITECH C160 webcam w/mic \$ 3.00  
 LOGITECH H130 behind neck stereo headset \$ 3.00

#### PRINTED MATERIAL

Ameritron ARB-704 Interface  
 Buffer Instructions FREE  
 MFJ-4225MV Switching Power Supply " " FREE  
 CUSHCRAFT a-270-6s 2/440 Yagi Ant. " "FREE  
 YASEU MD-100a8x Desktop Mic. " FREE  
 MFJ-259 and 259B Instruction Manual \$ 5.00  
 HALLICRAFTERS SX-71 "Original" Operating " "  
 " " " Operating and Service \$15.00  
 HAMMERLUND HQ-110 \$10.00  
 " " " HC-10 CONVERTER \$ 5.00  
 KENWOOD TW-4000A Service Manual \$ 5.00  
 YASEU FT-857D OPERATING \$10.00  
 ICOM IC-7200 \$10.00

**CONTACT W8KYZ, TOM, 440.930.9115**

### FOR SALE

**Uniden President HR-2600 10 meter  
 25 watt SSB/AM/CW/FM Transceiver  
 Manual and mic  
 Excellent condition**

**Call Brian Dawson 440-654-2498**

**FOR SALE (Estate of WB8TMR, SK)**

**Contact Tom, 440.930.9115**

**WIRE**

Jet Stream 1816 (8 wire HD rotor cable) 22/50 feet  
 NEW \$0.30 per foot  
 RG-59U NEW (on spool/amount unknown)

**SPEAKERS**

K L H 970, 3 way bookshelf stereo spkrs. \$20.00  
 Realistic 12-1852 8 ohm speaker \$ 5.00

**ANTENNA MOUNT**

Larsen NLA-TLM (trunk lip mount) NEW \$ 5.00

**MOBILE ANTENNAS**

Larsen NLA-MM 2 m. w/mag mt \$35.00  
 Larsen NLA-440 w/ant and coil \$15.00  
 Larsen NLA-220 w/ant and coil \$15.00  
 Comet M-24B 2/440 mag mt NEW \$30.00  
 Comet CX-224 3 bander 2/220/440 \$40.00

**COILS**

Larsen NLA-220 (200-265 mhz) NEW \$15.00  
 " " -UHF NEW \$15.00

**HEATHKIT PRODUCTS**

HA-201 2 METER RF AMPLIFIER \$15.00  
 HWA-7-1 QRP POWER SUPPLY \$20.00  
 ID-4101 ELECTRONIC SWITCH \$20.00  
 GR-110 VHF scanning monitor w/ crystals \$15.00

**MISC**

Antenna rotor control line voltage spike protector (NEW)  
 ICE Model 348 \$25.00

**AMPHENOL PLUGS AND CONNECTORS**

UG-21B/U	1	"
UG-1185/U	1	"
UG-680/U	22	"
UG-1213/U	2	"
UG-88U	1	"
UG-260B/U	1	"
UG-89A/U	2	"
UG-22E/U	1	"
67-06J22-48P	1	"
<b><u>BENDIX 9664-2</u></b>	5	"

Yaesu ATAS 120A Mobile  
 HF/6M/2M/440 Antenna (New)  
 For use with Yaesu FT-897, FT-847, and FT-100/-100D.  
 List: \$325.00 Yours for: \$250.00

Contact Carl W8KRF  
 216-256-9624

**For Sale**

Kenwood TH-F6A  
 144/220/440 MHz FM Tribander



Like new in original box with manual and spare battery. Extras include: RT systems KRS-F6 programming software with USB Adapter USB K4Y (\$49); Opek THR-30 triband antenna.

A bargain at \$275 for everything.

**Call Carl W8KRF at 216-256-9624**

**FOR SALE**

ICOM AT-500 ANTENNA TUNER,



1500W PEP  
 EXCELLENT CONDITION

\$320.00

CONTACT W8KYS, SANDY, 440.647.2255.

## Equipment for Sale from the Estate of Frank Reese W8FJR (SK)

### Radios:

Yaesu FT-1000D HF 200w Xcvr w/ filters installed .....	\$3500.00
Yaesu External Speaker SP-6 .....	\$ 179.00
Yaesu Dynamic Desk Microphone MD-1 .....	\$ 139.00
Yaesu VX-6R 2M/220/440 HT (5w 2/440, 1.5w 220) .....	\$ 220.00
Kenwood TM-281A 2M 65w Xcvr w/ 200 memory channels w/ WX alert .....	\$ 130.00
Realistic HTX-100 10M SSb/CW Xcvr .....	\$ 150.00
Wouxun KG-JV3D-2/UHF 2M/440 Dual Band HT 128 Memories 1700 mah Li-On Batt w/ extras ..	\$ 100.00

### Power Supply:

Samlex SEC-1223 110V to 13.8V 23A Switching Supply .....	\$ 100.00
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### Wattmeters:

MFJ-842 140-525 MHz Cross Needle Wattmeter 150W .....	\$ 50.00
MFJ-815C SWR/Wattmeter 3" Illuminated 1.8-30MHz 300-3000W 60/600W Reflected Pwr range .	\$ 65.00

### Antenna Tuner:

MFJ-941B Versa Tuner .....	\$ 129.99
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### Antennas and Other Items:

Diamond SG7900A 2M/440 Mobile Antenna .....	\$ 100.00
Maldol MH209SMA 2M/440 3" Duck Antenna SMA connector .....	\$ 15.00
Diamond SRH77CA SMA 2M/440 Dual Band + Wide Band RX HT 15" .....	\$ 15.00
Antenna Switch Daiwa 4-position CS-401 (New) .....	\$ 80.00
Antenna Switch Daiwa 2-position CS-201 (New) .....	\$ 25.00
MFJ 12/24 Hr Dual LED Clock .....	\$ 19.00
Jetstream JTSP7 External speaker .....	\$ 10.00

Misc connectors also available. Contact **Bob Tome W8RET** for details or to purchase at **(440) 365-6829**.

Field Day is only memories again. Thanks to everyone who came out to help, operate, or just visit.

The following members and friends helped setup and/or operated during the 24 hour event:

Stephanie KD8TCZ \* Tom W8KYZ \* Harold K8HRD \* Al N8CX \* Bill KD8BBI \* Alex N8QL \* Joe W8SSE \*  
 Tom KA8WLI \* Darlene KA8VTS \* Dan K3HGX/8 \* Bob W8RET \* Clark N8PZD \* Dean KW7XX (Visitor) \*  
 Mark KD8WON \* Dave KD8MXE \* Fred AA8S \* Matt KD8VTX \* Carl W8KRF \* Jerry KD8SEN \* Tin NC8X  
 \* Ravi KD8TXM

People who visited us during the event were:

Ranger David Fox (Park Ranger) \* Al Moriarty (Red Cross) \* Jane K8JGR \* Kevin Reed (Jane's son) \* Chet  
 K8KIZ \* Lisa Pasini (Alex's mom) \* David W1AFC \* Pat Southam (XYL of KA8WLI) \* Ranger Dan Jarven  
 (Park Ranger) \* Jill, Amy, and Ron (Friends of Alex)

Special Thanks to **Grafton Marco's Pizza** for graciously providing our Saturday evening dinner at a very reasonable price. That is very much appreciated. Thank you Tom, KA8WLI, for making the arrangements, and picking up and delivering the pizza, along with a surprise ice cream delivery later in the evening.

NOARS would also like to thank **Bob, W8RET** for providing a large box of snacks; **Jane K8JGR** for the cinnamon rolls; **Linn, KD8NGE** for donating a case of Gatorade, ice, and bottled water; **Al, N8CX** for purchasing and preparing our Saturday picnic and Sunday morning breakfast of sausage gravy and biscuits along with OJ. Thanks to Dee KA8VTS and Bob W8RET for helping cook on Saturday.

**\*\*\*IMPORTANT\*\*\***

Are you joining or renewing your ARRL membership? 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 and renewal they submit to ARRL Headquarters.

Clubs retain a portion of the dues for each regular membership submitted 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.
- Clubs retain **\$2 for each renewal**. A RENEWING MEMBER can renew at any time, even before their current membership term expires.

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 or renewing, 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.

**Mission Statement:**

**The Northern Ohio Amateur Radio Society**

Is A Public Service Organization With The Purpose And Goal To Enhance The Amateur Radio Service Through Education And Fellowship.

- Meetings are held at 7:00 p.m. sharp on the third Monday of every month at the North Ridgeville Public Library, 35700 Bainbridge Rd, North Ridgeville, OH. The meetings are open to the public and all are welcome. Tune in to the 8 pm Thursday night NOARS net on the 146.700/444.800 MHZ. repeaters located downtown Elyria, Ohio for changes or updates in this schedule. N.O.A.R.S. Repeater 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.
- Regularly scheduled NOARS nets are every Tuesday night at 8 pm on 28.370 MHz, every Thursday night at 8 pm. for the rag chew and technical discussion net on 146.700/444.800. All licensed amateurs are welcome. NOARS membership is not necessary to participate. In fact all participation is encouraged and appreciated.
- NOARS can be found on the World Wide Web at: [http://www\(dot\)noars\(dot\)net](http://www(dot)noars(dot)net)
- NOARS Hosts two hamfest/computer shows annually. The winter hamfest in early February and the summer classic NOARSFEST hamfest and computer show in mid-July.

Membership is open to anyone interested in communications. The dues schedule is: Full \$15, Associate \$7 (non -licensed), Family members of a full member are only \$4 ea. Make checks payable to NOARS and mail them to:

**NOARS Membership Committee, 161 Herrmann Drive, Avon Lake, OH 44012**

**Or use PayPal by sending your personal payment to [paypal\(at\)noars\(dot\)net](mailto:paypal(at)noars(dot)net).**