



www.noars.net

NOARS LOG

Our 51st Year serving the Amateur Radio Community of Northern Ohio.

Northern Ohio
Amateur Radio
Society

Volume 51, Issue 5

May, 2015

May 2015

SUN	MON	TUE	WED	THU	FRI	SAT
					1 ARN 7PM	2
3	4	5 10M Net 8p NCS: W8KYZ	6 ARN 8PM BRTN 9:30p	7 Weekly Net 8p NCS: W8RET	8 ARN 7PM	9
10	11	12 10M Net 8p NCS: NC8X	13 ARN 8PM BRTN 9:30p	14 Weekly Net 8p NCS: W8KYZ	15 ARN 7PM Dayton Hamvention	16 Dayton Hamvention
17 VE Testing ARC Dayton Hamvention	18 Membership Meeting	19 10M Net 8p NCS: NQ8T	20 ARN 8PM BRTN 9:30p	21 Weekly Net 8p NCS: KD8VTX	22 ARN 7PM	23
24	25	26 10M Net 8p NCS: NC8X	27 ARN 8PM BRTN 9:30p	28 Weekly Net 8p NCS: N8CX	29 ARN 7PM	30

Editorial:

Since I suggested we consider taking advantage of Yaesu's System Fusion repeater program at the Christmas Banquet, I applied for and received three. Since delivery, I have pretty much spent all my time assembling and testing the DR-IX which had to be interfaced with our CAT-1000B controller and a ULI for EchoLink. I decided to move EchoLink to the repeater site instead of linking it from my house using my personal D710AG transceiver. Ron from CAT Controllers was very much involved in my accomplishment of this task. The system is working very nicely on the bench, so on May 2nd, members of the Repeater Committee will install it on

Continued on Page 5

<i>Editorial</i>	1
<i>Mission Statement</i>	2
<i>Who's Who at NOARS</i>	3
<i>Meeting Minutes</i>	4
<i>NOARS News</i>	5-6
<i>For The Newsletter</i>	7
<i>For Sale</i>	8-11
<i>BreezeShooters Hamfest</i>	12
<i>Dayton Hamvention Bus</i>	13
<i>ARRL Membership</i>	14



Northern Ohio Amateur Radio Society K8KRG



161 Herrmann Drive, Avon Lake OH 44012

E-mail: noars@noars.net

Award Winning Newsletter of:
The Northern Ohio Amateur Radio Society

Follow us on Facebook



and Twitter



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 Public Service, Education, and Fellowship.

- Meetings are held at 7:00 p.m. 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. Tune in to the 8 pm Thursday night NOARS net on the 146.700 MHZ. repeater located downtown Elyria, Ohio for changes or updates in this schedule. N.O.A.R.S. 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.
- 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. 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).

Who's who at NOARS? (and how to contact them)

2015 Elected Officials

President: Clark Beckman N8PZD — President2015 at noars dot net
Vice President: Alex Pasini N8QL — vicepresident2015 at noars dot net
Treasurer: Thomas Porter W8KYZ — treasurer2015 at noars dot net
Secretary: Darlene Ohman KA8VTS — secretary2015 at noars dot net

K8KRG License Trustee

Al Moriarty N8CX — trustee at noars dot net

Committee Heads for 2015

Newsletter: Carl Rimmer W8KRF — noars at noars dot net
Education Chair: Alex Pasini N8QL — education at noars dot net
ARRL VE Team: Tom Porter W8KYZ
 Carl Rimmer W8KRF
 Joseph Cebula W8GWD
 Alex Pasini N8QL
 Bill Isenberg K8IC
 Steve Hill NQ8T
 Joe Oney W8SSE
 Jane Reed K8JGR
 Brian Kellison AC8RV
 David O'Connor II KD8MXE
Membership: Carl Rimmer W8KRF — info at noars dot net
DX/Field Day Chair: Al Moriarty N8CX
Net Operations Mgr: Robert Tome W8RET
Hamfest Chair: Darlene Ohman KA8VTS
Website: Carl Rimmer W8KRF — website at noars dot net
Sunshine: Darlene Ohman KA8VTS - sunshine at noars dot net
Repeater Upkeep: Bill Isenberg N8IC
 Clark Beckman N8PZD
 Tom Porter W8KYZ
 Carl Rimmer W8KRF
 Tim Allen NC8X
Parliamentarian: Robert Tome W8RET

Roll Call: March Meeting Attendees

32 Members And Guests In Attendance

W8KRF	N8QL	W8RET	K8AGW	AC8FD
KY8OSU	K8KIZ	W8NNC	KD8WON	KA8WLI
K8HRD	K8IC	W8SSE	KD8MXE	KF8PM
W1AFC	W8KFJ	KD8WUA	W8KYZ	WB8WAA
KD8VTX	N8PZD	W8GWD	KD8YZ	WA8UGC
KB8CKH	KB8MIS	W8IMO	NC8X	N8AHS
KD8YIE				KD8TXZ

March 2015 Meeting Minutes

- Meeting called to order by President Clark Beckman N8PZD at 7:00PM
- Tom W8KYZ lead the Pledge of Allegiance.
- Tom read the Treasurer's Report. It was moved and passed to accept the report
- A motion to accept the March meeting minutes was made and passed to accept the minutes as published in the newsletter.
- Committee reports were given:
 - Education: Alex states that there are plans for a Technician Class later in the year.
 - Newsletter: W8KRF requesting input. Thanks those who do supply information.
 - Nets: Bob W8RET asks that more people participate in the 10 meter net. 2 meters nets are going well. Tom holds the record for the most check-ins.
 - Membership: 107 current members; A possible new member tonight.
 - Website: W8KRF reports it is up-to-date. Please check the website regularly to keep up with any announcements.
 - Repeater: Fusion repeater is progressing. Using LIVA mini-computer but having problems with audio into EchoLink. Repeater committee meeting tomorrow (April 21).
 - Old Business:
 - Field Day is last full weekend in June. Anyone who wants to bring out a radio attend the May meeting so we can assign bands, etc.
 - NOARSfest on July 18th.
- The business meeting was adjourned at/or around 7:20PM.

The program was presented by Chet K8KIZ. He setup his TS-2000 with a Elad SDR. He gave a very in-depth talk and demonstration of his station.

Editors Note: As of this writing, Darlene KA8VTS is still in the hospital suffering from COPD and receiving very aggressive treatment. Keep her in your thoughts.

NOARS NEWS

May Meeting Program

With Field Day rapidly approaching, we will discuss details and determine who will provide equipment and how many bands we will operate. If you have not participated in a Field Day in the past and you plan to join us for this year's event, please attend this meeting.

The new Yaesu Fusion Repeater will be operational by the May meeting. There will be a few operational differences from the current analog repeater system. Hopefully, you will have used the new system and may have questions or comments. We will listen to any constructive criticism and attempt to remedy any problems you may have encountered. This is a new venture for NOARS since the "old" system has been in use for decades.

Continued from Page 1

146.700, as well as a standalone DR-1X on 444.800.

To access both repeaters, you must have PL turned on. On 146.700 it is 110.9 and on 444.800 it is 131.8. If you turn CTCSS on your receive, you will not hear the digital "noise" nor will you hear any of the announcements, etc. We will experiment with the capability of both Analog FM and C4FM Digital. FM in, FM out; C4FM Digital in, C4FM Digital out.

We will also finally have a link to 145.150. This will be in Analog FM mode only. Users will be able to turn this link on and off by entering a DTMF sequence. To turn the link on, key up and enter 756; to turn it off, enter 757. As for EchoLink, in order to access other nodes, you must first press the "#" key followed by the node ID numbers. There are other options which we will discuss at our next meeting on May 18th.

There are several members who now have Yaesu System Fusion radios (FTM-400DR, FT1DR) so we encourage using the digital modes when the repeater is not in use by FM users. In addition to digital voice, we can send digital data in the form of pictures or messages.

Once Yaesu releases their next version of firmware for the DR-1X, we will be able interface a WiRES-X interface to the repeater and have world-wide communication capabilities. This is a new and exciting leap forward for NOARS. We will have one of the first fully functioning Yaesu System Fusion repeaters in Northern Ohio.

73,

Carl W8KRF

NOARS NEWS

☺ **BTW Dept.!** ☺

Happy Birthday to the following members:

* K8AGW Dan * KB8MIS Rich * WA8YVF George * KD8NGE Linn *
 * KD8URR Chris * W8RET Bob * K8VJG Ron * N8QL Alex *
 * KD8MUW Angela * N8COI Robert *

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

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, Tom W8KYZ, and Steve NQ8T 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 - KD8VTX

Our repeater will be used by **Burning River Traffic Net** on **Wednesdays at 9:30 PM.**

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

April 2015

Tuesday and Thursday Nets

**AF5HE - K8AGW - K8IC - K8KIZ - K8RWC - K8RWR - KA8WEM - KA8WLI -
 KB8TK - KC8FQV - KD2HCE - KD8KBO - KD8MUF - KD8NEO - KD9NGE -
 KD8RTR - KD8TNF - KD9VTX - KD8WON - KD8YZ - KD8ZEI - KD9ZRL -
 KE8AOH - KE8ASM - KF8PM - KY4CA - KY8OSU - N8CX - N8PZD - N8SGP -
 N8WS - NC8X - NQ8T - W6RHY - W8BHJ - W8GWD - W8KRF - W8KYS - W8KYZ -
 W8RET - WA8ERA - WB8UPA - WD8OSJ - WA8OZC - KB8ORC**

FOR THE NEWSLETTER...

Items submitted by members which might be of interest to our readers.

It is official! NOARS Winter Hamfest (WHF) will be held on Sunday, MARCH 6, 2016 at VFW Post 1029, 500 S. Abbe Rd, Elyria, OH 44035. This is the first time in decades that this event's date has changed. That is the **FIRST SUNDAY IN MARCH**.

WIN A HONDA GENERATOR!

And support the Delaware County Amateur Radio Emergency Service Volunteers!

Win one of three Honda EU2000i generators

With DC Charger, 3 year warranty, cover and shipped to your home free!

Retail price \$999.00

DONATION: \$20.00 per ticket



The Delaware County Amateur Radio Emergency Service is made up of volunteers who use their own radio equipment for public service events and backup communications for Delaware County's first responders. We work with the Emergency Management Agency, Red Cross, and other agencies as well as the Central Ohio Severe Weather Network.

Limit 1000 tickets

Drawing May 18 or sooner if sold out!

www.delares.org/raffle

For Sale & Advertisement's Page

All Submissions must be sent to [noarslog \(at\) noars \(dot\) 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.

For Sale

(Call Tom W8KYZ - 440.930.9115)

COAX

RG 58U (BNC conn.)

3 ft to 8 ft

RG 59U (75 ohm)

1 ft to 30 ft

RG 58U (PL259)

1 ft to 55 ft

RG 213/214 (N conn)

3 ft to 12 ft

RG 8U

2 inch to 75 ft

RG 213 (PL-259)

3 ft to 26 ft

RG 8U (MINI)

4ft to 30ft

RG 11U (75 ohm)

3 ft to 65 ft

CRYSTALS

7010

7020

7034

7055

7075

7100

7111

7150

OTHER (FT 243)

5620

5850

6150

6850

7725

7983.3

8008.3

8150

8166

8282

8351

8449

RL Drake 3.92410kc (13)

CB crystals

MISC.

Hammerlund HQ-110C with matching speaker. (does not work) \$45.00

2 meter Nil-Jon 3 element beam (new) HD-146-V3-U 35.00

Saturn 6 Halo, MT-1 (Hi Par Products) 45.00

For Sale

(cont'd from page 8)

FOR SALE -- (Tom-440.930.9115)

Navy Transistor Test Set, TS-1100 A/U, NavShips 93277. MFR by Philo. Make offer.

Larsen 220 NLA coils, mobile ant., rain caps, (Inquire)

Larsen NLA-150 (coil only) 5.00

AEA/Vocom/MFJ BNC HT antennas 5.00

Ni-MH AA/AAA Energizer CHDC-CA battery charger 5.00

TUBES TUBES-- LET ME KNOW WHAT YOU NEED

Kenwood TM-D710A (Used)

Description: The TM-D710 Data Communicator 144/440 MHz Dual Bander has the following features:

- APRS Ready
- APRS Weather Station ready
- KSS II+ (Kenwood Skycommand II+)
- NMEA 0183 GPS I/O port
- Built-in 1200/9600 bps TNC
- Echolink Ready
- High RF Power Output (V/U: 50 watt)
- 1000 multifunction Memory Channels
- Dual Receive on same band (V+V, U+U)
- NOAA Weather Alert/RX (US Only)
- MCP Compatible with ARRL "TravelPlus"



Asking a very reasonable \$450.

With Manual

Contact Carl W8KRF 216-759-1245/216-256-9624 w8krf@w8krf.net

10 Meter AM/FM/SSB Magnum Omega Force S45 Transceiver

40W SSB/FM and 9W AM With box and manual \$180.00

Wi-Fi Internet Radio C. Crane Mfg Remote Control, box, manual Call

Contact Brian Dawson 440-654-2498

For Sale

ICOM D-STAR

	<u>COST</u>
IC-2820H New	\$ 599.95
IC-UT123 New	\$ 299.95
IC-92AD New	\$ 519.95
IC-HM175GPS Mic	\$ 349.95
IC-CPI9R Cig Lighter Plug	\$ 48.95
IC-LCI68 Carrying Case	\$ 29.95

ICOM

IC-7000	\$1,199.95
AT-7000 LDG	\$ 169.95

KENWOOD

TM-D710A New (in box)	\$ 589.95
Green Lab GPS Added	\$ 100.00

Contact:

Bob Tome, W8RET

(440) 365-6829

(Most of the above are new and still in box)

Call and make an offer

One NumeChron Tymeter Model 100 #67 24Hr "digital" clock in perfect working (no light, unknown yet if it has one,) and excellent physical condition. Yes, it even has its tell-tale minute "squeak." **\$55.**



I still have a 2-fer computer sale going on. \$150 each or 2-fer \$200. DELL P4s from 2.0-2.8GHz (some HTs) 40-80GB HDs w/2GB RAM each on OEM copy of Win7ULT w/at least a 128MB single & up to 256MB w/dual-monitor video card. First come, gets the better choice of computers. Towers with power cord, KB, & a mouse only. A computer for less than the price of Windows 7 alone.

And also if you ever need any out of warranty computer repairs/services, or updates, call me first, I'm usually much cheaper than stores.

Chris - KD2HCE @ 216-759-3488, or KD2HCE@arrl.net & I can send you pictures of the clock, or the computers for sale.

For Sale

Chet Roberts (K8KIZ) is selling a 'Like New' BK 2120 oscilloscope, 2-channel, with dual 10X attenuator probes for \$250



Reference:

<http://www.cableorganizer.com/bk-precision/2120B/>

It's a great way to get into trouble shooting, signal analysis, and experimenting.

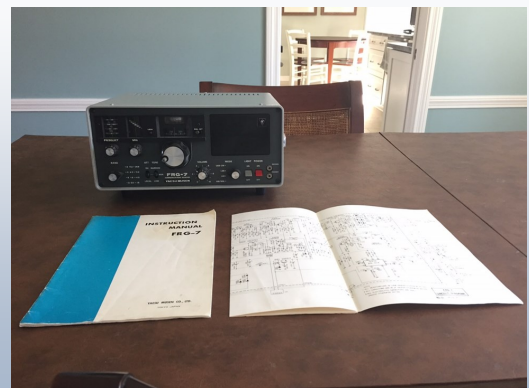
Contact Chet K8KIZ

440-933-0893

I am seeking a buyer for my one owner, non-smoking household Yaesu Musen FRG-7 communications receiver, mint condition, including original instruction manual and circuit diagram.

Contact:

Elizabeth Fink
216.233.3974
Beachwood, Ohio



61st Annual

Largest Hamfest in the Tri-State Area

BreezeShooters

THIS IS AN ARRL SANCTIONED HAMFEST

2015 HAMFEST and COMPUTER SHOW

Web Site <http://www.breezeshooters.org>

Email: hamfest2015@breezeshooters.org

General Hamfest Chairman: **Bob Benna N3LWP (412) 366-0488**

BUTLER FARM SHOW GROUNDS Sunday June 7, 2015 * 8am to 3pm

Indoor tables on first come first serve basis. **\$20.00 per 8' table** and may be reserved by contacting Bob Benna, N3LWP (412) 366-0488 or mail to: P.O. Box 101018, Pittsburgh, PA 15237 - Table reservation **Cut-off Date May 30th**

Main Prize Drawing :

1st Yaesu FT DX 3000	8th Eagle One Antenna
2nd Kenwood TS-590	9th Heil Pro set Elite
3rd Icom ID880	10th Signal link
4th Rig Expert AA54 Digital Antenna Analyzer	11th \$100 cash
5th Elecraft W2 Watt meter kit	12th Coaxial prep kit
6th LDG-AT-100 Pro 2 Antenna Tuner	13th 10 meter IMAX 2000
7th \$200 Cash	14th \$50 Cash Prize

6 Hourly prizes based on Admission tickets

Drone Drawing

These tickets will be available at local hamfests prior to the Breezeshooters Hamfest. Check Breezeshooters.org for locations.

Winners need not be present for Main, or Drone Drawing- **Main Prize Drawing at 3:00 pm** - All prizes subject change due to availability

Icom, Yaesu, Kenwood & MFJ prizes from K JI Electronics

Admission \$ 5.00 donation per person, (Age 12 and over)

Tailgate/Flea Market spaces available \$ 10.00 for first space \$5 for each additional space

Farm Show Grounds open at 5:00pm Saturday June 6, 2015 for Vendor and Tailgater setup

ADVANCED TICKET SALES						
Main Prizes Drawing	\$2 Each	3 for \$5	7 for \$10	15 for \$20	40 for \$50	90 for \$100
DRONE Drawing	\$5.00- ONLY 300 TICKETS SOLD					
ENCLOSED CHECK IN THE AMOUNT OF: \$	Send a Self Addressed Stamped Envelope to: Advance Ticket Sales, Breezeshooters Hamfest PO Box 101018, Pittsburgh, PA 15237					
Make check Payable to the Breezeshooters, Inc. Mail Deadline is May 30, 2015. Ticket Stubs returned in your SASE!						
NAME:	CALL:	PHONE: () -				
ADDRESS:						
CITY	STATE	ZIP				

Reserve and pay for your 2015 Dayton Hamvention Bus Trip

**Saturday May 16, 2015 CARS
is again sponsoring a Bus trip
to the Dayton Hamvention.**

*Nearly 25,000 hams & non-hams
attended Hamvention® 2012. Every
amateur radio operator in the world
probably dreams about going to the
Dayton Hamvention at least once.
Please join us in 2015, it is an
incredible event and offers something
for everyone.*



**The Bus trip will cost \$50.00 dollars per person, we will not stop for
breakfast on the way down, but there will be a fast food stop on the way
home. You are responsible for both your food and Hamvention tickets.
Go to <http://www.hamvention.org/tickets.php> to order your tickets.**

***Stop 1: The bus will leave promptly at 5:00 am from the Kmart parking lot at the
intersection of Engle and Bagley Roads, in Middleburg Heights, Engle Road is a
1/4 mile west of I-71, Kmart is behind the Gas station. Vehicles will be safe, there
will is security.***

***Stop 2: The bus will also pickup riders at I-71 & Rt 303 at the SE corner of the
Kmart parking lot and will depart for Dayton at approximately 5:30 am.***

When ordering tickets please tell us which stop you will be at.

Bus tickets must be purchased and paid for in advance.

***If you have any questions please see Dwaine at a CARS meeting or call
him at 440-582-3462. Checks must be made out to CARS and mailed to:
Dwaine Modock K8ME, 8113 Thornhurst Dr., North Royalton, OH 44133
OH 44131-0264 attn. Dayton bus***

73, Dwaine, K8ME



****IMPORTANT****



Are you joining the ARRL? Did you know that NOARS will receive a commission if you do your transaction through us? Note: We are no longer processing renewals because of a poor cost/benefit ratio.

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.