



www.noars.net

NOARS LOG

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

Northern Ohio
Amateur Radio
Society

Volume 51, Issue 4

April, 2015

April 2015

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

The Prez Sez:

Clark has been very busy with his rental property maintenance and has not been able to find to time to say anything.

If he should find time to send me something, I will put it here and re-post to the website.

I like to keep you all informed as to the progress of the new repeater. It is functioning with the CAT controller with previously mentioned limitations. I am now in the process of trying to interface EchoLink so we can move it to the site with the new repeater. It is important to me to get it working as flawlessly as possible before installing it at the site. Thank for your patience.

73, Carl W8KRF



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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

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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

31 Members And Guests In Attendance

KD8TCZ	N8PZD	N8QL	W8KYZ	KA8VTS
W8KRF	W8IMO	K8RWR	AC8RV	W8KFJ
KE8AFV	KE8AFX	W8GWD	K8HRD	AA8S
K8IC	K8JGR	K8KIZ	W8RET	K8RWC
W8SSE	KD8VTX	KA8WLI	KD8WON	NC8X
KB8ZUN	KY8OSU	KB8VXE	N8AUC	K8AGW
		W8NNC		

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 February meeting minutes was made and passed to accept the minutes as published in the newsletter.
- Committee reports were given:
 - Education: Alex reported a General Class license class is scheduled to begin on April 1st if a minimum of 5 students enroll. At the time of the meeting only 2 were registered.
 - Newsletter: W8KRF requesting input.
 - Website: W8KRF reports it is up-to-date. Please check the website regularly to keep up with any announcements.
 - Repeater: The new System Fusion repeater was on display. Because it is interfaced with the CAT-1000B controller it's true functionality will not be experienced. As it stands today, it will permit two modes of operation: Analog FM in, Analog FM out; Digital C4FM in, Digital C4FM out. It is not capable of cross mode operation with an external controller at this time. Future firmware updates from Yaesu may change this limitation.
 - A motion was made by W8KRF to reimburse him for the second DR-IX which will be delivered in April. The motion passed.
- The business meeting was adjourned at/or around 7:30PM.

The program for the evening was presented by Eric, N8AUC, the District Emergency Coordinator for Ohio District 10. The topic was Digital Emergency Communications. Eric and his assistant, Carl, KB8VXE demonstrated the use of a digital program called Fldigi and associated add-ons to pass emergency communications. The program was very interesting and informative. It is hoped that members will download this program, which is free and well supported, and practice using it.

Editors Note: These minute were written from memory because, as of this this time, Darlene, KA8VTS is hospitalized for COPD symptoms and is receiving treatment. She is expected to be in the hospital for at least two weeks. Flowers were sent from NOARS. She is at Kindred Hospital and her phone number is 216-363-3274

NOARS NEWS

April Meeting Program

APRIL PRESENTATION: SDR FOLO – Watching SDR do its tricks!

Chet Roberts (K8KIZ) will be bringing in his Elad FDM-S2 SDR Receiver along with his Kenwood TS-2000 transceiver. The demonstration will explain the unique features an SDR radio offers, as well as how an SDR can be coupled to another rig. You'll experience 'live' tuning of several signal types to see the SDR in action.

Chet says the SDR/rig combo offers the best of all possible worlds: the hi-tech capability of SDR including its waterfall displays and incredibly variable width filters for razor sharp reception, plus the ability to link to his TS-2000's 100 watt transmitter eliminating the need for an additional rf amplifier and power supply.

Questions are welcomed.

Message from Lorain County Wireless :

The Lorain County Wireless Operators are happy to announce the fourth straight year of operating from the Lorain Harbor Light August 14, 15 & 16 2015 in support of the International Lighthouse Lightship Weekend. This has become one of the waterfront's feature events drawing attention to the lighthouse.

Each year the LCWO has provided either labor, supplies or advertising to support the Lighthouse Foundation's continued efforts to return the light to its status as "Jewel of the Port". This year will be no different. The foundation is returning the structure and contents to a 1950's look and feel. In doing so they have agreed to feature an operational or static display, to be on permanent loan, of a period amateur radio station. The goal is a operational station as other events will be structured around it much like the USS Cod or the Zoo's Rainforest. This will also expose the public tours and private events that take place in the lighthouse to amateur radio.

So how can you help? We are looking for 1950's era equipment to build a station. We are also in search of a few hams that are proficient in the operation and maintenance of the equipment. We would like it to be fully operational or in a state that can be returned to operation.

If you would like to help or have an equipment donation please contact Jeff Evans, KB8ZUN, at either kb8zun@gmail.com or 440-228-6081.

This is a great opportunity to insure amateur radio continues to thrive and is in the public eye while paying back in honoring all the Elmers who helped us all in our continued growth in the hobby. You will also insure your callsign's legacy as a contributing force in the restoration of a National Landmark.

73,

Jeff Evans

NOARS NEWS

☺ **BTW Dept.!** ☺

Happy Birthday to the following members:

* N8HMY Simon * K3KGX/8 Dan * Chris Penman * KD8ZVI Mike *
KD8JNK Morgan * KD8REW Ralph * AC8RV Brian * KD8YIE Ayn *

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!

Congratulations to Tom, KA8WLI who upgraded to General, and Peter, KE8AFV, who passed both his General and Extra during the March VE Testing session at the American Red Cross.

Thanks to Jim, KE8AFX, who donated his ARRL Extra Class License manual to NOARS. Jim's karma was returned when he won our 50/50 raffle at the meeting.

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

March 2014

Tuesday and Thursday Nets

AC8RV * K8AGW * K8IC * K8KIZ * K8RWC * K8RWR * KA8WLI * KC8FQV * KD2HCE * KD8JNK *
KD8MUF * KD8NGE * WD8OSJ * KD8VTX * KD8WON * KD8WPE * KD8ZRK * KD8ZRL * KE8AFX *
KY4CA * KY8OSU * N8CX * N8PZD * N8SGP * N8WS * NC8X * NQ8T * W8FAN * W8GTS * W8GWD *
W8KRF * W8KYZ * W8KYS * W8RET * WA8ERA * WB3JVK * WB8UPA *

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

SOLD

- **Icom 751** All Mode HF transceiver with 10 filter, PLL frequency synthesizer; has RC10 frequency controller key pad; built-in speaker; 100W power supply; 100W power cord, manual and original box\$750.00
- **Kenwood TS-2000** All Mode 100 Watts VHF, 50 Watts UHF, and 100 Watts on HF. Matching speaker; Heil Mic; Manual, and original box\$1,250.00



Contact Rich K8RWC
(440) 787-7371/(440) 324-4695
k8rwc@yahoo.com

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

(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

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
IC-SM20	\$ 219.95

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

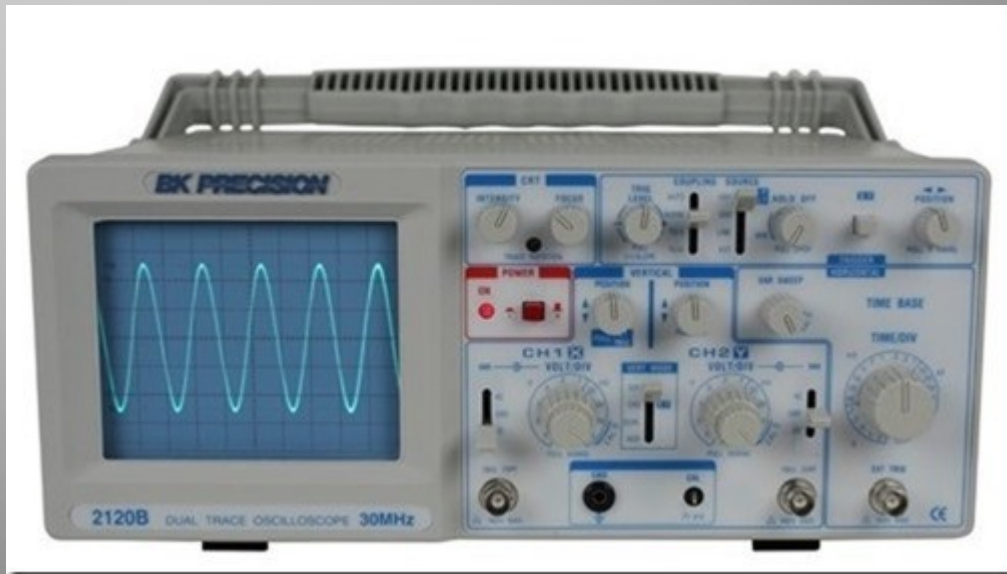
10 Meter AM/FM/SSB Magnum Omega Force S45 Transceiver
40W SSB/FM and 9W AM With box and manual \$180.00

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

Contact Brian Dawson 440-654-2498

For Sale

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.

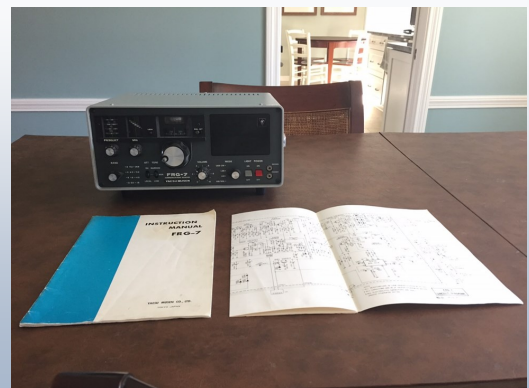
Contact Chet K8KIZ

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



Cuyahoga Falls Amateur Radio Club



61st Annual HAMFEST



Electronics and Computer Show

Saturday, April 11, 2015, 8:00 AM - 1:00 PM

Same Huge Location - All Inside on One Floor

Emidio and Sons Party Center

48 E. Bath Road at the Corner of State Rd., Cuyahoga Falls, OH

ADMISSION: \$6

QSL Card Checking will be available (except 160 Meters)

Check in on the W8VPV repeater 147.270+ / 444.850+ (PL 110.9)
for directions and a chance to win the Check In prize.

Reserved tables: First two \$15 each (one chair each included), additional
tables \$12 each. At least one admission ticket is required.

Tables are \$20 on the day of the Hamfest if available.

Online Table Reservations at: <http://www.cfarc.org/hamfest-reserve.php>

For Table Reservations Contact:

Ted Sarah, W8TTS

239 Bermont Ave., Munroe Falls, OH 44262

Phone: 234-206-0270 (Akron) • Email: hamfest2015@cfarc.org

☞ Watch for information on our Tailgate Fest coming in August ☜

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.