



NOARS LOG

**Our
48th Year**
Serving The
Amateur Radio
Community

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

www.noars.net

Welcome to NOARS country!

March 2012

NOARS Meetings Are Held at:
Gander Mountain (Gander Lodge Room)
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
Warning! Membership Roster is being finalized. Your Annual Dues Must Be Recorded By March 1 st to appear in the roster.				1 Tech NET 8 pm. NCS: WB3JVK	2	3
4	5 Digi Net 145.15	6 1ØM Net 8PM 28.37Ø Mhz.	7^{ARN} NOARS NET 9 pm. NCS: WD8ADE	8 Tech NET 8 pm. NCS: W8KYZ	9	1Ø MOVARC Hamfest Gallipolis OH
11	12 Digi Net 145.15	13 1ØM Net 8PM	14^{ARN} NOARS NET 9 pm. NCS: K8HRD	15 Tech NET 8pm NCS: KD8JNK	16	17
18 <u>VE Testing 1PM</u> TMRA Hamfest	19 NOARS Meeting	2Ø 1ØM Net 8PM	21^{ARN} NOARS NET 9 pm. NCS: KD8JAN	22 Tech NET 8pm NCS: W8ADV	23	24
25	26 Digi Net 145.15	27 1ØM Net 8PM	28 NOARS NET 9 pm. NCS: WD8IQJ	29 Tech NET 8pm NCS: K8WRS	3Ø	31

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The Northern Ohio Amateur Radio Society **K8KRG**



March, 2012 - Volume 48 Issue 3

Welcome To

NOARS Country



Well, the winter hamfest is out of the way now and I want to say thanks to everybody who helped out. It was smaller but even so it required arms, legs and bodies to put the tables and chairs where they needed to go. We got lucky from the weather as the sunshine pulled many visitors out of the winter doldrums to eat, drink and smile with friends. Although I spent much of the time on Sunday in the pancake flipping corner, I still had a chance to talk to those who had repeater questions that could not get answered at the January meeting and the idea of an oversight committee was born to get this topic on track. Thanks to K8IC, NC8X, W8KYZ, WD8IQJ, WB3JVK, KF8PM, W8KRF, KD8GXL and K8RWC..

With help from others, the linking will go forward, and the controllers will be adapted to extend our radio range as over eighty percent asked for the linking in the poll taken over the last several weeks. This should have little if any effect on the EchoLink system. However, removing the announcements from EchoLink will improve our happiness with the wide number of volunteers who made this mode of linking so popular. Overnight the arm of winter has stretched out and given us a reminder winter isn't over yet, so look for a contest to listen to and sharpen your skills. The weekend of CW mode I caught a few while delivering parts to the IQJ shack, picking off short special event call signs might be easier on phone or PSK.

Winter Hamfest Winners:

All who attended were winners! Specifically the door prize winners who were:

1. KD8KCF - Bryan Reichow - The Wouxun KG-UVD1P Dual Band HT
 2. KD8NON - Dave Kodak - \$50
 3. KC8REM - Don Smith - \$25
 - 50-50 - W8KRF Carl - \$50
 - Mobile Check-In - N8AHS Fred - Mobile Antenna*
 - Al Jones - \$25 ARRL Gift Certificate
 - N8HMY - Simon - \$25 ARRL Gift Certificate
 - WA8ICH - Tom - \$50 ARRL Gift Certificate
- * Donated by "The RF Connector Guy" A NOARS friendly vendor!

73... Clark N8PZD

☺ **BTW Dept.!** ☺

Happy Birthday to the following members:
W1AFC Dave ☺ W8FJR Frank ☺ K8JAD Jeff
KM8MK Marty ☺ KB8NW Tedd
KF8PM Alan ☺ W8WFQ Joel

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

2012 Elected Officials

President 2012atnoarsdotnet:.....N8PZD Clark Beckman
 Vicepresident 2012atnoarsdotnet:..WB3JVK Steve Robbins
 Treasurer 2012atnoarsdotnet:.....W8KYZ Tom Porter
 Secretary 2012atnoarsdotnet:.....KA8VTS Darlene Ohman

K8KRG License Trustee

trusteeatnoarsdotnet N8CX Al Moriarty

Committee Heads for 2012

Newsletter Production: WD8IQJ John (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 Eisenberg

Education Committee: W8KRF, WD8ADE
 Membership 2012atnoarsdotnet: W8KRF Carl Rimmer
 Property Manager: WD8BJY Doug Krucinski
 DX/Field Day Chair: N8CX Al Moriarty
 Net Operations Manager: WD8IQJ John McKenna
 Hamfest Chair: KA8VTS Darlene Ohman
 Webdesignatnoarsdotnet: W8KRF Carl Rimmer
 Sunshine Committee: W8FJR Frank Reese
 Repeater Upkeep: WB3JVK Stephen Robbins
 N8PZD Clark Beckman
 Elmer: W8ADV Ray Smith
 Parliamentarian: K8WRS Dave Semanik

NOARS IS ON THE AIR!

Weekly Nets:

28.370 MHz Tuesday Night 10 Meter Net 8pm local time
 NCS: NC8X

146.700 Wednesday Night Rag Chew Net 9pm local time
 NCS: WD8OFG - WA8ADE - WD8IQJ

146.700 Thursday Technical Discussion Net 8pm Local time
 NCS: W8KYZ - WB3JVK - WD8IQJ - K8WRS

All are welcome on NOARS nets!

NOARS Digital Discussion Net
 Repeater Mondays 8:00 PM
 145.150 NCS: WD8IQJ

NOARS NEWS

Dues Are Overdue! 1/1/12

Repeater Oversight Committee Announced!

President N8PZD Clark, announced at the February 20th meeting, the forming of a repeater oversight committee. Its mission is to establish and implement the clubs goals in the operation and maintenance of the NOARS repeater system. Meeting of this ad hoc committee will be ½ hr before the start of the regular monthly business meeting or as deemed necessary.

In related news, results of an informal poll on the linking subject indicated that the membership favors full time linking of ALL the repeaters with linking controlled by designated system operators. Implementation date for this was set for before Field Day 2012.

Any one with interest in the operations of this committee should contact Clark N8PZD.

Trivia Spot!

What is Morse Code For The *Ampersat* Symbol?
(The @ sign)?

(answer hidden in this newsletter)

NODIG NEWS

Jeff Evans, KB8ZUN

If your county has, or is planning to install, D-STAR equipment in a hospital, EMA office, Red Cross chapter or NWS office please let us know. NODIG is in the process of the next phase of reflector build outs. The information you provide will be used to determine the placement of the next data center and port allocations.

The information needed is office, hospital or chapter name, city and county. As with all NODIG projects we do not manage activities for these agencies, simply provide the ability to securely and reliably link on a local, state, regional or global level.

A review of the current reflector allocations housed in hardened data centers is outlined below. All within the state or surrounding states are welcome to use the assets on a first come first serve basis with the exception of REF038C which is for Dayton Hamvention only one week before, during and one week after Dayton.

- REF038A The "Ohio Reflector" for daily state wide linking
- REF038B NODIG Permalink
- REF038C Dayton Hamvention / Hamfests
- REF038D TBA
- REF038E Testing
- REF039A State Wide ARES
- REF039B State Wide EMA Offices
- REF039C State Wide Skywarn / Sever Weather
- REF039D State Wide Red Cross Chapters
- REF039E Testing

Our X-Reflector allocations mirror the list above.

Rants N Raves

(Just Rants And Raves From Cleveland)

Rave Department

Want to have some fun on the air? (stupid question #1 – any time you're on the air it's fun!) Well let's just say: Would you like to make new friends and contribute to the greater ham-radio community? (stupid question #2 Isn't that what we are here to do anyway?) OK OK!! Let say it this way! Want to make your ham-radio time more fun and contribute to the ham-radio world even more?Sure you do!

Think about joining a "net"! NOARS has an abundance of "nets"! Tech nets, ragchew, digital discussion, and even a band specific net (1Øm). Something of interest for everyone. Or is there? What about a DX net? Traffic handling? Boat anchor maintaining? Whatever! The possibilities are endless.

Think about becoming a Net Control Station (NCS). Wait, wait! Before you go off screaming about responsibility, time commitment and all that practical stuff. If we were all that practical would we be spending kilo-bucks on all this stuff just to do what any sap with internet connection could do for next to free? Right! So what does a NCS do? He is the conductor of a group of hams. All interested in communicating their thoughts and ideas on a given subject in a coherent manner. You are the traffic cop and set the pace of the net. You take names and direct the band. You are the center hub around which the wheel turns. And for a short time someone actually pays attention to YOU!

Time commitment pitui! Most nets are over in about an hour and your commitment is what you make of it! Once a week, month or year! Its up to you entirely! You spend that much time on the front porch scratching n spitting! So give it a try I know you will like it in spite of yourselves!

Rant Department

First off, I need to apologize for last months issue of the LOG it was at best (in my words) "aaakkkkaaabbbaakkkkaaaa"! It was from an intrinsic standpoint "Poor". Having said that I've taken steps to insure that future issues are up to the high standards that you've come to expect from the newsletter of the Northern Ohio Amateur Radio Society! " Nuff said!"



BOAT ANCHOR CORNER

The Heathkit company began in Michigan around 1926, by marketing an airplane in kit form. In fact, founder Edwin Heath died in a crash. Heath got into electronics with a low-cost oscilloscope kit using military surplus parts.

Heath had two ham lines, one aimed at neophytes, and one for the seasoned veterans looking for a good rig at a good price. The beginner's gear was rudimentary, used few tubes, and typically cost relatively nothing even in 50s and 60s money. Any kid could get on the air with these things! And a lot of them did just that. Just about everybody has a "green machine" around somewhere.

In the mid 60s, Heath modernized its look, with the DX-6Ø transmitter and a matching receiver. Plus some big rigs named after Indian tribes. The Apache was a popular boat anchor. And was followed by the more advanced (and tougher to build) Marauder. There were the linears, the Chippewa & Warrior,

The later SB- series turns up at hamfests all the time. These look a lot like the Collins S-line, but with green panels and chrome knobs (And about one-fifth the workmanship.) A couple of linears, the SB-2ØØ and SB-22Ø, are still very popular.

Interesting little transceivers, the Tener, Sixer and Twoer. These AM monobanders were also called the "Benton Harbor Lunch Boxes," which gives a pretty good idea of their size and shape Heath sold an ton lot of these/

Heath was bought by Daystrom in the 50s, followed in the 60s by a complex arrangement after Zenith bought the company

Today leaves Heathkit Educational Systems as the surviving entity. It's still in Benton Harbor, with a few Heathkit employees left.

Roll Call: February 20th 2012 Meeting:**19 members and guests in attendance**

N8PZD Clark	KD8GXL Keith	W8KRF Carl	KD8MXF Michelle	KA8VTS Darlene
WN8QIT Bill	W8FJR Frank	WN8QIT Bill	KD8KAA Gary	W8RET Robert
KD8MUW Angela	W8WFQ Joel	K8PJS Pat	NC8X Tim	WD8IQJ John
W1AFC Dave	KD7HZP Art		KD8MUF John	K8HRD Harold

Minutes of the February 20, 2012 Meeting**Submitted by: Darlene Ohman, KA8VTS**

The meeting began at 7:30 p.m., 19 members and guests present.

- **Treasurers Report:** Tom Porter, W8KYZ was not in attendance.
- **Secretaries Report:** Darlene Ohman, KA8VTS, a motion was made and seconded to accept the minutes as printed in the newsletter. The motion was passed.
- **Education Committee:** Carl Rimmer, W8KRF, nothing is going on right now. No one has contacted me, so nothing is planned.
- **Newsletter:** John McKenna, WD8IQJ, if you have anything that you want to put in the newsletter or if you are not receiving your newsletter.
- **Membership:** Carl Rimmer, W8KRF, renewals are coming in. I sent out a test roster, if something is not right, let me know.
- **Nets:** John McKenna, WD8IQJ, nets are going along very well. I am not happy with the digital discussion net. I am only getting 1 or 2 checkins. If it doesn't improve in the next month, I am going to drop it.
- **Sunshine:** Frank Reese, W8FJR, a card was sent to Dallas Butcher.
- **Web Site:** Carl Rimmer, W8KRF, I have been keeping it updated. There is a new photo page, check it out.
- **DX:** Al Moriarty, N8CX, was not in attendance.
- **Repeaters:** Steve Robbins, WB3JVK, was not in attendance and Clark Beckman, N8PZD, there was a lengthy discussion regarding linking the repeaters.

Old Business:

- **Winter Ham Fest:** Darlene, KA8VTS, gave a report on the hamfest. Gargus Hall is up for sale, so we are looking for a new site to hold the hamfest.

New Business:

- **Field Day:** There was a basic discussion regarding Field Day.

Keith Cook, KD8GXL, the National Weather Association, Sky Warn Spotting for Lorain County, March 6 at 6:30 pm at the Gates Medical Center at 125 East Broad St. Sky Warn is going to have a new book. If you are interested in Sky Warn, you should attend this meeting. The 2012 State Wide Severe Weather Tornado drill will be held on March 28 at 9:50 am.

The meeting was adjourned at 8:12 p.m.

**K
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**A Few Of The Call-Signs ☺
Heard On The NOARS Nets.**

Wednesday and Thursdays nights
On The 146.700 & 444.800 Repeaters In Elyria

1/25 ~ 2/23

WD8ADE ~ WD8ADG ~ W8ADV ~ K8AGW ~ KA8BYU ~ W8DJM
NN8E ~ WA8ERA ~ W8FJR ~ KC8FQV ~ KD8GXL ~ N8HDE
K8HRD ~ K8IC ~ WD8IQJ ~ KD8JAN ~ KD8JMO ~ KD8JNK
WB3JVK ~ KD8KAA ~ KD8KBO ~ W8KRF ~ W8KYS ~ WA8LGM
KD8MCN ~ KM8MK ~ W8NRM ~ KD8OLG ~ KF8PM ~ N8PZD
KC8QML ~ N8QMK ~ W8RET ~ KD8RNF ~ W8RON ~ K8RWC
KB8TK ~ KC8VFE ~ KC8VFY ~ KA8VTS ~ N8VUB ~ KA8WQL
K8WRS ~ N8WS ~ KB8WUA ~ NC8X ~ KC8YQL ~ WA8YVF

NOARS Has Three Nets For You!

On: 146.700 & 444.800 MHz Repeaters, and
28.370MHZ

The 8:00 PM Tuesday Night 10 M Net

Join Tim, NC8X for this ever growing net.

The 9:00 PM Wednesday Night Rag Chew Net

One of the longest running two meter nets in northern Ohio! You
all are welcome to this informal friendly net.

Hosted by: WD8ADE - K8HRD - KD8JAN - WD8IQJ

The 8:00 PM Thursday Technical Discussion Net.

You don't have to be a techno-geek to enjoy this friendly net
slanted toward the technical side of the hobby.

Hosted by: WB3JVK - W8KYZ - KD8JNK - W8ADV - K8WRS

Where's the DX? Taken From *KB8NW* Tedd's OPDX Bulletin.

OPDX #1050 , February 20, 2012

- A2, BOTSWANA (DXpedition Update) - Operators Frosty/K5LBU (A25CF), Keith/ VE7MID (A52KW), Don/VE7DS (A25DS) and Joel/N5JR (A25JR) will be active from the Lotsane Safari Lodge between March 18-27th. The group plans to be active in the CQWW WPX SSB Contest (March 24-25th) as A25HQ. They will have about 3 rigs and a log periodic plus wire antenna covering 160 meters and up. It was also mentioned that they would use an inverted L with amp and a beverage antenna. Look for more details to be forthcoming
- HI, DOMINICAN REPUBLIC ~ Operators Edwin/HI3K, Tino/HI3CC, Franky/HI3TT, Ezequiel/HI3EPR and Yukon John/KL7JR will be active in the ARRL DX SSB Contest as HI3K (March 3-4th) as a Multi-Single entry from Lomas del Toro in Santiago (Lomadeltoro Contest Team's HI3CCP station): <http://www.lomadeltoro.com> QSL via KB2MS. See (QRZ.com) for details.
- IOTA NEWS ~NA-189. (Update to OPDX.1048) A team of 10 operators, from the Aguas- calientes Amateur Radio Club, will be active as XF1AA from Isabel Island (in the Jalisco/Nayarit IOTA group) between March 16-21st. Activity will be on 160-10 meters using CW, SSB and the Digital modes. Operators mentioned are Enrique/XE2AA, Ben/XE2AU, Ismael/XE1AY, Jorge/XE2AMS, Armando/XE2AMZ, Vertiz/ XE2AY, David/XE2AUD, Juan/XE2AI, Fidel/XE2ARM and Ramiro/XE2ARV. QSL via IT9EJW
- J3, GRENADA ~ Harry, AC8G, will use the J37K callsign during a visit to the island between March 1-4th. After some repairs to the beam, he should be on by mid day on the 1st. Since he will be in the ARRL DX SSB Contest during the weekend, he plans to work non-USA/Canadian stations on March 1st and 2nd. QSL to AC8G direct with SASE. Logs will be put in LoTW shortly after his return to stateside.
- J7, DOMINICA ~ Brian, K1LI, will be active as J7Y from Dominica (NA-101) between February 25th and March 13th. Activity will mainly be focused on the ARRL DX SSB Contest (March 3-4th). QSL via his home callsign.
- P4, ARUBA (Update) ~ Helmut, DF7ZS, will be active as P4/DF7ZS from Aruba (SA-036) from P40V's QTH between March 21-27th. Activity will be casual, but main operations will be during the CQ WPX SSB Contest (March 24-25th) using the callsign P41P. QSL P4/DF7ZS via DF7ZS. QSL P41P via W3HNK.
- OA, PERU ~ Fred, DL1NL, is once again active as OA4/DL1NL from Lima, Peru, until early March. Activity will be during his spare time on 160-10 meters CW, with some SSB, from the Radio Club Peruano station (OA4O). QSL via DL1NL, by the Bureau or direct. No LoTW or eQSL.

Please Note: This is only a SMALL part of: OPDX Bulletin #1050 LOG onto: www.papays.com for the rest (Space permitting, only the parts relative to the time of distribution of The N.O.A.R.S. Log Were Included Here)

CONTEST CORNER			MODE		
DATE / TIME	BANDS	NAME	PH	CW	DG
3-4 / 2400z	160 ~ 10	ARRL Int'l Phone DX Contest	X		
3 -6 / 2100z	80	YL CW Party		X	
3 10 / 1000z	80 ~ 10	RSGB Commonwealth Contest		X	
3/11 / 0400z	80 ~ 20	North America RTTY Sprint			X
3-17 / 0001z	10	10-10 Mobile QSO Party	X	X	X
3-17 / 0200z	80 ~ 10	BARTG HF RTTY Contest			X
3-17 / 1600z	160 ~ 10	Feld-Hell St Patricks Day Sprint			X
3-18 / 1200z	160 ~ 10	Russian DX Contest	X	X	
3-22 / 0030z	80 ~ 20	NAQCC Monthly QRP Sprint		X	
2-25 / 0000z	160 ~ 10	CQ WPX SSB Contest	X		

Got 6?

MARCH 10 1900Z
Idaho QSO Party
MODES:USB+FM

MARCH 17 1300Z
Oklahoma QSO Party
FREQ. - MODES: 50.130 - USB+FM

MARCH 17 1400Z
Virginia QSO Party
MODES:50.130USB+FM

WANT MORE Got 6?
Go to: <http://www.noars.net/got6/GOT6.txt>

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.
 Ad's from current NOARS members (or paying advertisers) only will be accepted! Notice! All ad's will be removed after three months (as space is needed) unless updated! NOARS reserves the right to refuse ads at our discretion.

The following items are from the estate of W8AJZ, SK, Ernie Scherban)

MAKE OFFERS TO TOM, W8KYZ ph (440) 930-9115

RADIO EQUIPMENT:

- HALLICRAFTERS S-120, \$30.00
- VERTRONICS SHORTWAVE RCVR. \$20.00

MORSE CODE KEYS:

- NYE VIKING SPEED X \$15.00
- BRITISH ARMY KEY \$30.00
- LIONEL J-38 \$20.00

MISC.:

- 1 ROLL COAX SEAL \$1.00
- DIGITAL METER (SE MM2003) \$10.00
- BIRD 43 ANALOG REPLACEMENT METER \$50.00
- GROUNDING BAR (HARGER MFG.) \$25.00
- 5" B/W TV (AM/FM) \$5.00
- 50' STRANDED ANTENNA WIRE \$15.00
- BIRD 43 WATTMETER REPLACEMENT. \$40.00

COAX:

- 10' RG 8/U \$10.00
- 20' RG 58 \$10.00
- 50' RG 58 \$15.00

!!!!FREE !!!!

HP INKJET™ PRINT CARTRIDGE #45 BLACK

11/11

N8KJG Ken (440) 452-9765 or N8KJG(at)ARRL.net

- Hammarlund Hq-170 Receiver. Re-Tubed And Works, But Needs Tweaking. \$150.00
- Hammarlund Hq-150. Works.. Some New Tubes, Could Be Tuned. \$150.00

8/11

Items for sale from the estate of Dave Williams W8DTW

Please contact Dee Darin, KA8SUB at 440-315-1633 after 4 pm

M-F or 8 am - 5 pm Saturday and Sunday. If I do not answer, please leave a message with your name and telephone number and I will get back to you.

FOR SALE:

- 1 - Yeasu FT-950 asking \$1200.00
- 1 - Yeasu MD-100 Mike asking \$115.00
- 1 - HyGain Patriot AV-640 antenna asking \$300.00
- 1 - Astron RS-35M Power Supply asking 160.00
- ICOM IC 70A with AA pack and speaker mike asking \$250.00

Please note - all the items for sale were purchased brand new in 2011. Unfortunately, Dave only got to enjoy them for a short time before his passing

02/12

K8RWC Rich 1-440-787-7371

- I-COM ICAT 500 Auto tuner have all cables and manual can put 4 ant to and wire works perfectly also this will work on any low band radio very nice shape asking 175.00

Happenings

03/10/2012

MOVARC Hamfest

Mid-Ohio Valley Amateur Radio Club
(Appx. 225 mi.)

Location: Gallipolis Christian Church
4486 State Route 588 - Gallipolis, OH 45631

Website: <https://sites.google.com/site/midohiovalleyarc/>
Talk-In: 147.06+ (PL 74.4)

Public Contact: Lester Cardwell , KD8ZU
15422 Hannan Trace Road Crown City, OH 45623
Phone: 740-256-1312

Email: kd8zu@arrl.net



03/18/2012

TMRA Hamfest/Computer Fair

Toledo Mobile Radio Association
(Appox. 90 mi.)

Owens Community College
30335 Oregon Road - Perrysburg, OH 43551

Website: <http://www.tmrahamradio.org>
Talk-In: 147.27+ (PL 103.5)

Public Contact: Brian Harrington , WD8MXR
4463 Holly Hill Drive Toledo, OH 43614

Phone: 419-385-5624

Email: wd8mxr@gmail.com

* All Mileage Estimates Are Based From Elyria, OH

NODIG announces an Ohio Area Wide D-STAR Net

Sunday Nights at 8:00 PM on REF038A
or any system linked to it.

Local RF on WA8DIG B or WB8THD B
DV Dongles, DVAPs, Hotspots link to REF038A

NODIG announces

Callsign, frequency change for the NODIG Elyria D-STAR
repeater and a new Lorain County Digital Group Repeater:

WA8DIG B

443.4375 MHz +5

NW8S B

444.3125 +5

Go to <http://www.nodig.us> for details

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 Gander Mountain's "Gander Lodge" room! It is located at 5244 Cobblestone Rd. Sheffield Village, Oh. 44035. The meetings are open to the public. And all are welcome. Tune to the 9 pm Wednesday night NOARS net on the 146.700/444.800 MHz. repeaters located on the E.S.T. bank Building in Elyria, Ohio for changes or updates in this schedule. Also the 146.700/444.8 repeater hosts the technical discussion net on Thursday Night at 8:00 pm.
- 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, Wednesday night at 9 pm. for the rag-chew net and every Thursday night at 8 pm. for the 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.

If this is your first copy of the NOARS log. Why not become a member and receive it on a monthly basis? Membership is open to anyone interested in communications. The dues schedule is: Full \$10, Associate \$5 (non -licensed), Family members of a full member are only \$2 ea. Make checks payable to NOARS and mail them to:

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



The Northern Ohio Amateur Radio Society Membership Application

Mail completed form with a check/money order to:
NOARS- Membership
161 Herrmann Drive
Avon Lake, OH 44012

Call Sign _____ Class _____ Birthday Month _____

Name First _____ Init _____ Last _____

Type: Full (\$10/yr) ___ Associate (\$5/yr) ___ Family* (\$2/yr) ___ Life/Honorary _____

Expiration date: 12 / 31 / _____ ARRL Member? (Circle one) Y N

Street Address: _____ Apt #: _____

City: _____ State: _____ ZIP: _____

Email Address: _____ Keep Private**

Phone: (____) _____ Keep Private**

Newsletter: E-Mail Website

Ham radio interests: _____

*Call Sign of Family Member: _____ Amt Pd: _____

Mailings: Delivery method for monthly newsletter, roster, and/or roster updates.

** If checked, email address and/or phone number will not be disclosed in roster

For Office Use:

Amt Pd: _____

Date Pd: _____

Renewal: _____

New: _____

Initials: _____

Data Entry: _____

Comments: _____

Northern Ohio Amateur Radio Society

Name: _____ Call sign: _____

Date: _____ Amount Paid: _____ Rcvd by: _____

(Cut on dotted line)

N.O.A.R.S.
161 Herrmann Drive
Avon Lake, OH. 44012



THE NORTHERN OHIO
AMATEUR RADIO SOCIETY

48

Years Serving
The Amateur Radio
Community

U.S.
Postage

Dated Material

Mailing Label