



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!

April 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
1	2 Digi Net 145.15	3 1ØM Net 8PM 28.37Ø Mhz	4 ^{ARN} NOARS NET 9 pm. NCS: WD8ADE	5 Tech NET 8 pm. NCS: WB3JVK	6	7
8	9 Digi Net 145.15	1Ø 1ØM Net 8PM	11 ^{ARN} NOARS NET 9 pm. NCS: K8HRD	12 Tech NET 8 pm. NCS: W8KYZ	13	14 Cuyahoga Falls Hamfest
15	16 NOARS Meeting	17 1ØM Net 8PM	18 ^{ARN} NOARS NET 9 pm. NCS: KD8JAN	19 Tech NET 8pm NCS: KD8JNK	2Ø	21 Jackson Hamfest
22	23 Digi Net 145.15	24 1ØM Net 8PM	25 ^{ARN} NOARS NET 9 pm. NCS: WD8IQJ	26 Tech NET 8pm NCS: W8ADV	27	28
29 Athens Hamfest	3Ø Digi Net 145.15	Plan For Field Day 6/23/2Ø12!				

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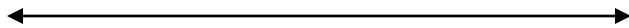
The Northern Ohio Amateur Radio Society **K8KRG**



April, 2012 - Volume 48 Issue 4

Welcome To

NOARS Country



This NOARS country weather sure feels fine, how did winter drop away so fast? Maybe winter is really just hiding around the corner but it has given us a big boost to do things outdoors and get some sunburn in March, one important thing was attaching the hardline to the tower for the uhf repeater although this did not save the bad swr it did save the hardline. The questions of linking the repeaters have now been answered and the committee is moving this project forward, by the time you read this the UHF talking controller parts should be with Tim NC8X who volunteered to prepare that, Carl W8KRF has been making adjustments to the Cat1000 controller to add net features when the link radio to 5.15 is connected, NOARS was donated a new link antenna to aim at 5.15 to replace the handmade 12 year old antenna, hopefully the time/clock replacement will be in before the next meeting so the various control functions will perform at the intended times, we put in new batteries to the voice recorder but the voices from 6 years ago had vanished, after some adjustments to the voice board we will have some members try this feature. The UHF antenna brackets will have to be cut away from the tower and then evaluate the antenna alone as the jumper cable has been ruined from hanging crooked for unknown time with some winter ice adding extra weight, the UHF repeater is now using a spare antenna we mounted to the tower years ago for another project until we can evaluate the original from the top of the tower.

A location for the Winter Hamfest has been discovered at the Elyria VFW hall and arrangements sound nice but we will wait for another possible location to compare before securing the VFW hall on Abbe Rd.

Field Day is coming fast with this warm weather, become a band captain and get on-the-air, bring a friend so there will be plenty of others around to help make contacts and learn how this-n-that band gets longer range; the Friday overnight may be cancelled but this means more energy for Saturday and Sunday; ask for NOARS field day checklist on a net. (Ed: available on website)

Right around the corner from Field Day is NOARSFEST at the college. There will be some indoor construction which may take away a very minimal amount of indoor space, but this will have no effect on the flea market area.

73... Clark N8PZD

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!

😊 **BTW Dept.!** 😊

Happy Birthday to the following members:

😊 N8HMY Simon 😊 KD7HZP Art 😊
 😊 KD8JNK Morgan 😊
 😊 K8WRS Dave 😊 N8YAC Joseph 😊

NOARS Digital Discussion Net

Repeater Mondays 8:00 PM

145.150 NCS: WD8IQJ

NOARS NEWS

NOARSFEST 2012
Saturday, July 21, 2012
Admission STILL only \$6.00!

A.R.E.S. Needs YOU!

Lorain County ARES database has been lost! So if you are now a registered ARES volunteer (or are interested in becoming one) please take a few minutes and go the NOARS website at [http://www\(dot\)noars\(dot\)net](http://www(dot)noars(dot)net) click on the ARES Application link, and fill in the interactive form. Save it to your computer, then email a copy to Brian at [n8vub\(at\)yahoo.com](mailto:n8vub(at)yahoo.com).

If you have any questions regarding the form itself or if you have questions regarding ARES, contact Brian at the email address aforementioned, or call him at the phone number listed in the roster.

April Meeting Preview

Field Day will be the focus of the meeting. A decision will be made on the time & date of the May pre FD meeting. Band assignments will be formalized at that time.

Antenna Party @ 4.8

The Repeater crew noticed a loose feed line at the 444.800



Repeater site. The hard-line had broken free from the tower and was swinging in the breeze! This stressed the coax jumper and apparently damaged it causing the erratic output you've been reporting as an intermittent wind related problem. An antenna party was scheduled ASAP!

After repairs were made high intermittent VSWR was noted so the output was switched to a tri-band back up antenna and the problem seems to be cured.

Replacement of the sky-hook at 4.8 is next on the agenda for the repeater committee.



Rants N Raves

(Just Rants And Raves From Cleveland)

Rave Department

Ok! I get it! The summers right around the corner! This summer like weather has sent its message! I'm ready to put the air conditioner in the window already! Grass is green and reminding that field day is right around the corner! The meeting this month is scheduled to focus on this fun annual event, since I was licensed in 1976 I've missed only one field day and they had to saw my leg off to make me do it! So that should give you an idea of how much I like field day! Even if you've never been to a field day and even if you don't know much about what field day is you should come on out and give it a try! You like playing radio? Right? You like the great outdoors? Right? I'll bet you even don't mind a mosquito bite or two! (funny how us kids who grew up before 1970 are able to cope with the horrors of the great outdoors and not need a few years in therapy as a result.) (video game controller separation trauma is hell!) Well I've got something for you to do this June. Come out to the meeting and find out!

Rant Department

Ok I'm going to start this rant off with a multiple rave! Kudos to the newly formed repeater oversight committee! FINALLY it seems like the roadblock is opened and some (albeit small) steps are happening. The controller issue has been dealt with. And the faulty UHF antenna has been isolated and substituted. Making UHF once again a viable repeater down this way. A new antenna and controller will bring 4.8 back to the great repeater it once was. Steps are moving along with the linking deployment and hopefully it will also come to be. Field Day 2012 is the promise date for that to occur.

NOARS needs to stop worrying about repeater repairs, leave that to repeater guys and get back doing what made this one of the best radio clubs in the area – but that's just my opinion!



BOAT ANCHOR CORNER

National Radio Company

"Tuned to Tomorrow," National had a lot of yesterdays. It started in 1914, as a toy company, and moved gradually into the radio business in the twenties. National radios never looked very fancy. They were just good. After selling advanced HF/VHF radios to airlines and the government, National entered the ham market with a popularly priced line of regenerative receivers. Then, in 1935, they introduced our third classic boat anchor, the mighty, wide-coverage HRO. This series survived, with circuit refinements, until 1964, The HRO made the solid state transition with the fully synthesized HRO-500. It still had the classic HRO dial, and very wide coverage from a dizzying 5 kHz to 30 MHz. Less well known is the last model with an HRO prefix, the rare HRO-600. This is a solid state, very high-end (\$500!) military-grade receiver aimed more at the surveillance and maritime markets. The last National tube box is the later NC-270. Advertised in the mid-60s as "the red-hot set with the cool blue look." National left the ham business soon after, surviving on government contracts until going chapter 11 in the 80s. It hung on, barely, until 1991, when the last vestiges were sold off in an IRS foreclosure.

Roll Call: March 19th 2012 Meeting:***25 members and guests in attendance***

N8PZD Clark	N8VUB Brian	W8KRF Carl	W8GWD Joe	KA8VTS Darlene
WN8QII Bill	W8FJR Frank	KB8IOS Dan	KD8KAA Gary	W8RET Robert
KD8CNX Vince	W8WFQ Joel	N8WPW Don	NC8X Tim	N8CX Al
KD8HKA Lori	KD7HZP Art	K8AGW Dan	KD8MUF John	K8HRD Harold
K8RWC Rich	KF8PM Alan	W8ADV Ray	W8KYZ Tom	K8IC Bill

Minutes of the March 19, 2012 MeetingSubmitted by: **Darlene Ohman, KA8VTS**

The meeting began at 7:00 p.m., 25 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 minutes as printed in the newsletter. The motion was passed.
- **Education Committee:** Carl Rimmer, W8KRF, nothing is going on right now.
- **Newsletter:** John McKenna, WD8IQJ, if you have anything that you want to put in the newsletter you must get to me by the beginning of the last week of the month.
- **Membership:** Carl Rimmer, W8KRF, renewals are coming in. I sent out a roster.
- **Nets:** John McKenna, WD8IQJ, nets are going along very well.
- **Sunshine:** Frank Reese, W8FJR, nothing to report. Bill, WN8QII, wife had a knee replacement and is doing well.
- **Web Site:** Carl Rimmer, W8KRF, I have been keeping it updated.
- **DX:** Al Moriarty, N8CX, the bands are very noisy, but if you can hear someone try to contact them.
- **Repeaters:** Steve Robbins, WB3JVK, was not in attendance and Clark Beckman, N8PZD, a repeater committee meeting was held before the regular meeting. For the UHF repeater, we are talking about a purchase of less than \$275 for a clock chip & audio board, a tone card, and a NHRC model II controller. A motion was made, seconded and passed to purchase the equipment needed to fix the UHF repeater. We need to fix the antenna cable that goes up the tower, it has come loose. We need to reattach the cable or we will be off the air.

Old Business:

- **Winter Ham Fest:** We are looking into the VFW hall in Elyria. If anyone else has an idea, let us know.
- **Field Day:** There was a basic discussion regarding field day. We already have the permits for field day.

New Business:

If anyone wants a T-shirt, contact Carl, W8KRF. If anyone wants hats or jackets, contact Bob Tome, W8RET.

- **Banquet:** We need to decide where we want to have the banquet. Bob, W8RET will check out a new restaurant.
- **Noarsfest:** We need to get a committee together to look into the College.

Brian Hellinger, N8VUB, the new EC for Lorain County. The 2012 State Wide Severe Weather Tornado drill will be held on March 28 at 9:50 am. April 14-15, Tough Mothers Event, it is nationwide, and it is a 2 day event. We need hams to help out with communications. We are looking for people to sign up with ARES. You can email me at: N8VUB@yahoo.com or call, my phone number is in the roster.

K
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R
G

A Few Of The Call-Signs ☺
Heard On The NOARS Nets.
Wednesday and Thursdays nights
On The 146.700 & 444.800 Repeaters In Elyria
2/29 ~ 3/22

WD8ADE ~ WD8ADG ~ W8ADV ~ KC8AGU ~ K8AGW
KA8BYU ~ KB8CQ ~ WE9EE ~ WA8ERA ~ W8FJR
KC8FQV ~ KD8FTR ~ W8GWD ~ K8HLJ ~ K8HRD ~ K8IC
WD8IQJ ~ KD8JAN ~ KD8JNK ~ WB3JVK ~ W8KRF
W8KYS ~ W8KYZ ~ KD8MUW ~ KD8NPD ~ KF8PM
N8PZD ~ W8RET ~ KD8RNF ~ K8RWC ~ WB6SPK N8TRV
KA8VTS ~ W8WFQ ~ KA8WQL ~ K8WRS
N8WS ~ KB8ZUN

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 # 1055

- **6W, SENEGAL** - Tony, F8ATS, will be active as F8ATS/6W from Le-Calao, La Somone, between March 30th and April 7th. Activity will be holiday style probably on all HF bands. QSL via the Bureau is preferred.
- **E51, SOUTH COOK ISLANDS (Reminder)** - By the time you read this, the E51M DXpedition team, which is going to North Cook Islands, should be active as E51EWP from Rarotonga, South Cook Islands, between now and March 26th, and again between April 11-14th. Activity will be on all bands, including 60m, using CW, SSB, but with an emphasis on RTTY because there is a high demand for RTTY. QSL via DJ8NK, direct or by the Bureau. Online QSL Requests Service (OQRS) for the Bureau and direct cards can be made after April 20th. For more details, see the E51M Web page at: <http://www.manihiki2012.de>
- **NH7, HAWAII** - Operators "Yukon John"/KL7JR and XYL Claire/WL7MY will once again be active from the Big Island (OC-019, HI-025S) between April 1-15th, and using the callsign NH7DX. Activity will be on 80-10 meters, and they are celebrating the 18th anniversary of the U.S. Islands awards program. QSL via KL7JR ((QRZ.com) address).
- **V7, MARSHALL ISLANDS (Update OPDX.1054)** - Jim, K4FW, informs OPDX that there has been another delay for his trip to Kwajalein Island (OC-028) due to the launch window being moved towards the end of April or end of May/early June. Jim works for the Orbital Sciences Corporation and works with the Pegasus launch vehicle. More specifically, as the Launch Panel Operator (LPO) and is part of the flight crew on the Orbital's L-1011.
- **ZQ3, GIBRALTAR** - Operators/brothers Mike/ZB3M and Ed/ZB2ER will activate the special callsigns ZQ3M and ZQ2ER, respectively, from Gibraltar between May 5th and June 10th. Activity is to celebrate the Diamond Jubilee of Queen Elizabeth II. QSL via ZB3M direct only. NO BUREAU or NO ELECTRONIC QSLs.

DX Links

- <http://www.ac6v.com/> Great site a real resource for you either newbies or veterans
- <http://www.vhfdx.info/spots/map.php?Lan=E&Frec=MUF&ML=M&Map=NA> great resource for VHF guys
- <http://www.ve7cc.net/> for you cluster users down load a great cluster monitor with alarms and messaging

Please Note: This is only a SMALL part of: OPDX Bulletin #1055 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
4-7 / 0700	160 ~ 10	Japan International DX		X	
4-7 / 1600	80 ~ 10	EA RTTY Contest			X
4-9 / 7 pm	2	VHF Spring Sprints	X	X	X
4-11 / 0030	80 ~ 20	NAQCC Monthly QRP Sprint		X	
4-14 / 1800	160 ~ 6	QCWA Spring QSO Party	X	X	X
4-14 / 2100	160 ~ 10	Yuri Gagarin DX Contest		X	
4-15 / 0700	40,20	International Vintage Contest	X	X	
4-15 / 1800	80 ~ 10	ARRL Rookie Roundup	X		
4-20 / 2100	160 ~ 6	Holyland DX Contest	X	X	X
4-21 / 1200	80 ~ 10	CQMM Contest		X	

Got 6?

APRIL 14 - 1400Z
NM QSC PARTY
MODES:50.130USB

APRIL 14 - 1800Z
OCWA APRIL QSO PARTY
MODES:USB+FM
LOGTO:w2od@aol.com

APRIL 21 - 1700Z
SD QSO PARTY
MODES:USB+FM

APRIL 21 - 1800Z
ONT QSO PARTY
-MODES:50.130USB+52.54FM

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(at)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:

- VERTRONICS SHORTWAVE RCVR. \$15.00
VEC-102, includes 9v. battery.

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
- Icom AC Battery Charger. BC-30 \$15.00
- Uniden Pro 510 CB radio, no mic.. \$5.00
- Remote foot switch, Tandy 44-610D, \$5.00
- Gold Line Low Pass Filter. 1000w. 0-30mhz., 50 ohm. \$5.00
- ARRL 1961 Handbook, \$10.00
- Allied Radio 1949 Catalog, \$10.00
- **!!!!FREE !!!!**
- REALISTIC tape head demagnetizer, #44-215
- Texas Instrument TI-68 calculator

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

03/12

- 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

W8ADV, RAY, 216.645.1040

04/12

- MFJ 941C, 300 W, Versa Antenna Tuner II \$50.
- MFJ MODEL 993, 300 W. Pep, Ssb/150 W. CW Automatic Antenna Tuner. \$75.

Happenings

04/14/2012

Cuyahoga Falls ARC's 58th Annual Hamfest

(app. 53 mi)

Emidio & Sons Party Center, 48 East Bath Road
Cuyahoga Falls, OH 44221

Website: <http://www.cfarc.org/hamfest2012.html>

Sponsor: Cuyahoga Falls Amateur Radio Club

Talk-In: 147.27+

Public Contact: Ted Sarah , W8TTS

239 Bermont Avenue, Munroe Falls, OH 44262

Phone: 330-688-2013

Email: [w8tts\(at\)w8tts.com](mailto:w8tts(at)w8tts.com)

04/29/2012

Athens Hamfest

(app. 195 mi)

Athens Community Center

701 East State Street, Athens, OH 45701

Website: <http://ac-ara.org/>

Sponsor: Athens County Amateur Radio Association

Talk-In: 145.15

Public Contact: William McFadden , WD8RIF

12600 Adeline Circle, Athens, OH 45701

Phone: 740-593-7176

Email: [wd8rif\(at\)arrl.net](mailto:wd8rif(at)arrl.net)

* 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. 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, 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 Herrman 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