



# NOARS LOG

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

www.noars.net

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

## Welcome to NOARS country!

# May 2010

NOARS Meetings Are Held at the  
Elyria Police Department Community Room  
On The Third Monday  
Every Month! @ 7:30 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
*SWR Presentation <i>Standing up for Standing Waves</i>						1
2	3 ARN 8PM	4 10M Net 8PM	5 NOARS NET 9 pm. NCS: WD8ADE	6 Tech NET 8 pm. NCS: WB3JVK	7	8
9	10 ARN 8PM	11 10M Net 8PM	12 NOARS NET 9 pm. NCS: WD8OFG	13 Tech NET 8pm NCS: W8KYZ	14 Dayton Hamvention	15 Dayton Hamvention
16 VE Testing 1PM Dayton Hamvention	17* Meeting 7:30PM ARN 9PM	18 10M Net 8PM	19 NOARS NET 9 pm. NCS: W8WFQ	20 Tech NET 8pm NCS: WD8IQJ	21	22
23/30	24/31 ARN 8PM	25 10M Net 8PM	26 NOARS NET 9 pm. NCS: W8KRF	27 Tech NET 8pm NCS: N8CX	28	29

Editorial & Who To Contact	Pg 2	Contest Corner, DX and Got 6?	Pg 5
Roll Call - NOARS News (Please Read) - Upcoming Events	Pg 3	For Sale & Ad's Page	Pg 6
Meeting Minutes - Net Check-ins	Pg 4	NOARS Mission Statement	Pg 7



# The Northern Ohio Amateur Radio Society **K8KRG**



May, 2010 - Volume 46 Issue 5

## Welcome to NOARS

May is going to be a busy month for me and probably you all as well. The Dayton Hamvention is a must for me each year. Not only is it an opportunity to see all the new equipment that many manufacturers unveil, but it is a time to meet with ham friends who we may only see once a year. An international group of which I am a member holds its bi-annual meeting at Dayton with a banquet and business meeting on Saturday night. This year, I will also be attending the D-STAR Greet and Meet on Thursday night. This will give me a chance to learn more about this new and exciting mode. I have so much to learn. I hope many of you are able to get down to Dayton for at least one day. The C.A.R.S. bus still has seats available, so if you don't want to drive but you want to go for the day, join them. Contact Dwaine K8ME at 440-582-3462.

I am hoping for better weather on May 1, so I can have my postponed antenna party. The forecast is calling for rain again, so it may be postponed again. I am so thankful for those members of NOARS who are helpful and flexible in their attempt to get my aluminum back up in the air.

The weekend after Dayton, I will be driving to Philadelphia to visit with classmates from the residential school I attended for 11 years in the 50's and 60's. I will attend an annual event called Founder's Day for the first time in nearly 25 years. I have found out that a few of them are ham operators, so it will be nice to share stories with them. I am excited but anxious after all these years. I have all the D-STAR repeaters in the area stored in memory already.

Due to my hectic schedule for the remainder of May (I'll be in North Carolina the following weekend and for Memorial Day), we have rescheduled the second Field Day planning meeting to Sunday, June 6 at 1:00PM. If you plan on participating with NOARS during Field Day and you have the time on June 6<sup>th</sup>, please come out and join us. Al N8CX is the FD chairperson so contact him with any questions or comments.

That's it for this month...

**Best 73 and CUL....**

**Carl W8KRF**

Carl F. Rimmer, W8KRF *Editor of the NOARSLOG*

Write: Editorlog2010, 161 Herrmann Drive, Avon Lake, OH. 44012

## Who's who at NOARS?

### 2010 Elected Officials

President:.....W8KRF Carl Rimmer  
 Vice President:.....WB3JVK Steve Robbins  
 Treasurer:.....W8KYZ Tom Porter  
 Secretary:.....KA8VTS Darlene Ohman

### K8KRG License Trustee

W8EU Mike Willemin

### Committee Heads for 2010

Newsletter Production: W8KRF Carl (*Editor*)  
 WD8IQJ John (*Co-Editor*)  
 W8KYZ Tom (*Producer*)  
 A.R.R.L. V.E.:.....W8KYZ Tom Porter  
 W8KRF Carl Rimmer  
 W8GWD, Joseph Cebula  
 N8QL Alex Pasini  
 Education Committee: W8KRF, WD8ADE  
 Membership: WD8ADE Julie Wilmer  
 Property Manager: WD8BJY Doug Krucinski  
 DX/Field Day Chair: N8CX Al Moriarty  
 Net operations Managers: WD8OFG Harold Drake  
 Hamfest Chair: KA8VTS Darlene Ohman  
 Webmaster@www.dot.noars.dot.net: W8KRF Carl Rimmer  
 K8JWS John SchAAF  
 Sunshine Committee: KC8TMZ Sylvia Drake  
 Repeater Upkeep: WB3JVK Stephen Robbins  
 N8PZD Clark Beckman  
 Elmer Corp. Representative: W8ADV Ray Smith  
 Parliamentarian: K8WRS Dave Semanik

## NOARS IS ON THE AIR!

### Weekly Nets:

146.700 Wednesday Night Rag chews 9 pm local  
 NCS: WD8OFG – WA8ADE – W8WFQ – W8KRF –  
 WD8IQJ

146.700 Thursday Technical discussion net 8Pm Local  
 time NCS: W8KYZ – WB3JVK – N8CX – WD8IQJ –  
 K8WRS

All are welcome on NOARS nets!

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

W8KRF  
WD8ADE  
WD8OFG

KA8VTS  
W8WFQ  
KD8MUS

WB3JVK  
K8WRS  
N8CX  
KF8PM

W8KYZ  
WA8UGC  
KC8VFE

W8FJR  
KB8MIS  
N8WPW

W8RET  
KD8MUX  
W8GWD

# Membership News:

- Julie WD8ADE is still looking for people to help out with the Special Olympics on Thursday, May 13<sup>th</sup>. Please contact her if you are interested in assisting with this very worthwhile cause.
- Everyone is invited to attend the second and last Field Day planning meeting to be held on June 6<sup>th</sup> at 1:00PM at the Indian Hollow Reservation. Although not yet approved, we have requested to stay at the park overnight on Friday, June 25<sup>th</sup> so we can spend some quality time relaxing and enjoying each other's company before we begin the operation on Saturday.
- Bob W8RET has also been bitten by the D-STAR bug. He now owns both the Icom IC-80AD and IC-2820. He'll be ready when the NODIG repeater is operational in Lorain County.
- The 10 M net is still active on 28.360 MHz. We average around 5 check-ins, so join us on Tuesdays at 8PM.
- Sylvia KC8TMZ continues to recuperate from her radical surgery. Keep her, as well as Dallas KC8E, Tom K8VP, and Al WA8PKC who are also battling health issues, in your prayers

## D-STAR in Lorain County:

# N.O.D.I.G.

Northern Ohio Digital Interconnect Group

Several D-STAR users and enthusiasts have formed a group which will be acquiring and installing a D-STAR repeater in Lorain County.

For more information, go to [www.donodig.donodig.us](http://www.donodig.donodig.us)

**Minutes of the April 19, 2010 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 read and a motion was made and seconded to accept the report. 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. Maybe we will have a Technician class in the fall.
- **Newsletter:** Carl Rimmer, W8KRF, if you have anything that you want to put in the newsletter or contact me if you are not receiving your newsletter.
- **Membership:** Julie Wilmer, WD8ADE, everything is about the same. Nothing new to report.
- **Nets:** Harold Drake, WD8OFG, everything is going well. John McKenna, WD8IQJ will take the 3<sup>rd</sup> Thursday night net.
- **Sunshine:** Tom Porter, W8KYZ, Sylvia Drake is home now, but her recovery is going slow. Dallas Butcher is still getting cancer treatment. Tom Varny, K8PV, a former member, is getting treatment for cancer and is not doing very well. Our prayers go out to all of them.
- **Web Site:** Carl Rimmer, W8KRF, I modified the website with some new topics. If you would like your QSL card put on the website, send it in JPEG format to W8KRF or bring a card to the meeting and it will be scanned and placed on the QSL page of the website.
- **DX:** Al Moriarty, N8CX, the bands are on and off. The DXpedition, the Pacific Odyssey has been cancelled.
- **Repeaters:** Steve Robbins, WB3JVK and Clark Beckman, N8PZD, Clark is putting 5.15 at the repeater site as we speak. EchoLink is working. John, WD8IQJ has it working and now we have to link it with the 6.70 repeater. EchoLink will be on 5.15 and then we have to link it with 6.70.

**Old Business:**

**Field Day** – Al Moriarty and John McKenna will be heading Field Day. We will have an on site meeting on June 6<sup>th</sup> at 1:00 PM. Carl Rimmer gave a power point presentation about the rules for field day.

**New Business:**

**Special Olympics** - The Special Olympics on May 13<sup>th</sup> is asking for our help. They need 6 or 8 people to help out. If you would like to help out please contact Julie Wilmer, WD8ADE for more information.

The meeting was adjourned at 8:38 p.m.

**A Few Of The Callsigns Heard On The  
NOARS Nets. Wednesday and Thursdays nights  
On The 146.700 & 444.800 Repeaters In Elyria  
April 1 – April 25**

**WD8ADE – WD8ADG - W8ADV – W1AFC - K8AGW –  
N8AHS – W8AJZ – N8CX – W8DJG – W8FAN - W8FJR –  
W8GWD - WD8IQJ – KD8JAN – WB3JVK – KD8KAA –  
KD8KMH - W8KRF – W8KYS - W8KYZ – W8LGM –  
KB8LKH – K8LP - KD8MUF - KD8MUW – KD8NGC –  
WD8OFG – W8PAT – N8QL - W8RET - N8RVE -  
K8RWC – KE8UV - KC8VFE - KA8VTS – W8WFQ -  
KA8WQL - K8WRS – NC8X**

**NOARS Has Two Nets For You!**

on 146.700 & 444.800 MHz Repeaters

**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 – WD8OFG – W8WFQ – W8KRF – 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: W8KYZ - WB3JVK – N8CX – WD8IQJ – K8WRS

**Where's the DX?**

Taken From **KB8NW Tedd's OPDX Bulletin**.

NOTE! This is but a very small part of the complete OPDX Bulletin that can be found at [www.papays.com/](http://www.papays.com/)

The Ohio/Penn DX bulletin now has a new FAX number. Contributors can send DX information to: 1-419-828-7791 FAX only!

- **8Q, MALDIVES** Ron, DL5JAG, will be active as 8Q7SR and on holiday from Embudu Island, South Male Atoll (AS-013), between May 8-23rd. No other details were provided. QSL via his home callsign, direct w/SAE and proper postage for return. Log will be uploaded to LoTW 1-2 months after his holiday, and for eQSL.cc about 1 month. Also, he does mention to visit the following Web page: <http://www.protectthemaldives.de>
- **CO, CUBA** Members of the Cubans Amateur Radio Federation (CO2FRC) will be active during the Volta Contest (May 8-9th) as a Multi-Multi entry. Operators mentioned are: Gustavo/CO2NO, Lazaro/CO2WL, Jesus/CO2IZ and Winston/CO2WF.
- **CO, CUBA** Gustavo, CO2NO, plans to be active during the odd days in April and May, between 1200-0000z, on 20 meters (14070 kHz) using the BPSK31 mode, and between 0300-0000z on 40 meters (7038-7040 kHz) using modes BPSK31 and JT65A. QSL via only direct (w/SAE) to HA3JB: Gabor Kutasi, H-8601 Siofok, P.O.Box 243, Hungary. Please write on your QSL card your E-mail address (If Gabor received your QSL, he will send an E-mail feedback).
- **CQ72, PORTUGAL (LH Op!)** Members of the Algarve STAR DX Team (16 operators) will activate 6 Algarve Lighthouses simultaneously between May 15-16th. There will be six teams to activate the following lighthouses using the following callsigns [CQ72LH(\*)] callsigns: CQ72LHA - Ponta do Altar Lighthouse; CQ72LHM - St. Maria Lighthouse (Culatra Island); CQ72LHP - Ponta da Piedade Lighthouse; CQ72LHR - Vila Real St. Antonio Lighthouse CQ72LHV - S.Vicente Lighthouse; CQ72LHZ - Alfanzina Lighthouse. This activity is to promote Algarve STAR DX Team DFFA award (Algarve Lighthouses Award <http://algarvedx.com/dffa>) Their operations are also valid for many other awards. For more details and an online log search, visit: <http://www.algarvedx.com/cq72lh/cq72lh.htm> QSL all CQ72LH(\*) LH callsigns via CT2HTN, by the Bureau or direct to: Carlos Manuel Oliveira, Arroiteia CX. Postal 595 E, Livramento, 8800-102 TAVIRA, PORTUGAL.
- **CRI, AZORES** Operators Carlos/CU3CO, Pedro/CU3DI, Joao/CU3DR, Jose/CU3EQ, Dinarco/CU3HV and Mike/CU3HY will be active as CR1FSC from Forte Santa Catarina (DMHP AZ-010 and WCA CT-00337) on **Terceira Island (EU-175)** between April 30th and May 2nd. QSL via CU3EQ, direct or by the Bureau.
- **HS8, THAILAND** Wut, HS8JYX, will be active during the CQWW WPX CW Contest (May 29-30th) as a Single-Op/Low-Power entry. QSL via HS8JYX, direct, by LoTW and eQSL. Visit his Web page at: <http://www.hs8jyx.com>
- **IOTA NEWS AS-005.** Valery, RZ9DX, is now active as RZ9DX/0/A from **Medvezh'i Islands** (Bear Island, RR-06-27) in the Kara Sea Coast West Group (in the Arctic Ocean Basin). Activity has been mainly on 20 meters CW and SSB, but he intends to fix his antennas for the other HF bands. His length of stay on the island is unknown at this time. QSL via his home callsign. **EU-008.** Operators Jurij/MM0DFV and Alan/GM4TOQ will be active as GB8RUM from **Isle of Rum** between April 30th and May 3rd. Their activity will be on 80-10 meters using CW, SSB and BPSK63. QSL via MM0DFV. **SA-008.** Members of the Radio Club of Ushuaia (LU8XW) will once again be active from the City of Tolhuin on **Tierra Del Fuego Island** (W.A.P. - W.A.D.A Ref ARG-23) starting at 0100z, on May 22nd through 0300z, on May 24th. Activity is to commemorate the 25th anniversary of their radio club. Operations will be on CW, SSB, PSK, RTTY and the satellites. QSL via LoTW or direct to WD9EWK. All contacts on this expedition are valid for the Radio Club Ushuaia Permanent Diploma. For more details, check out their Web page at: <http://www.lu8xw.com/index.php> **SA-081.** Pedro, HK3JH, who was recently active from Playa Blanca (SA-084), will now be active as 5K8T from **El Morro Island** between April 30th and May 4th. Activity will be on 40-20 meters SSB. Suggested frequencies are: 14260 and 7160 kHz (+/- QRM). QSL via his ([ORZ.com](http://ORZ.com)) address.
- **IS0, SARDINIA (Update)** Members of the F6KOP Team will be active as IS0R from Isola Rossa, Sardinia (EU-024, Loc. JN41ka), between May 7-15th. Activity will be on 160-6 meters, using 3 stations on HF and 1 station on 6 meters. They plan to use CW, SSB and RTTY. Each station will be a FT450 with an Acom 1010 using Micro Ham and PC. Antennas include 6m Yagi Beam, Spider Beam for 30-10m, 4 square for 40m, vertical for 80m (K9AY) and an Inverted L for 160m plus a beverage. Operators mentioned are: Team leader Thierry/F4TTR (SSB), John/F5VHQ (SSB), Sergio/IS0AWZ (SSB), Norbert/ F6AXX (CW), Maurice/F5NQL (CW), Bruno/F5AGB (CW), Jean-Paul/F8BJI (Digi), Henri/F1HRE (Digi), Frank/F4AJQ (Digi), Gerard/F2JD, Sebastien/F5UFX, Gabriele/I2VGV and Eric/N7RN. QSL will be via Florent, F5CWU. QSL via direct (w/SAE and right postage) or by the Bureau. Logs will be uploaded to LoTW (a few months later, when the bulk of the paper QSLs have been processed.). For more info/details, see their Web page at: <http://is0r.perso.sfr.fr/cariboost1>

Please Note: This is only a SMALL part of: OPDX Bulletin #957 LOG TO: [www.papays.com](http://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.)

MAY'S CONTEST CORNER			MODE	
DATE	BANDS	NAME	PH	CW
5/1-5/2	80-70cm	MARAC CW/SSB Contest	X	X
5/1	80-40	QRP-QRP Party		X
5/1-5/2	80-15	Radio Club of America QSO	X	
5/8-5/9	160-10	Armed Forces Comm'ns Test	X	
5/8	80-10	FISTS Spring Sprint		X
5/8-5/9	6	50MHz Spring Sprint	X	X
5/15-5/16	80-10	EU PSK DX Contest		
5/15-5/16	80-10	All America Contest		X
5/29-5/30	80-10	CQ WW WPX Contest		X

Check for updates, additional contests, and a downloadable PDF version online at [www.arrl.org/contests](http://www.arrl.org/contests)

**Got 6?**  
Contributed By N8OFS Andy

```

MARAC
DATE1:MAY01 0000Z-MAY02 2359Z 2010
MODES:USB
EXCNG:CALL+RS+STATE+COUNTRY
INLOG:FREQ+MODE+DATE+TIME+CALL+RS+STA
TE+COUNTRY
LOGTO:ka3qlf@comcast.net
RULES:http://marac.org/ssbrules.htm
(AVHFC MAY VHF)MAY01 0000Z-MAY02
1600Z
    
```

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

## For Sale & Advertisement's Page

All Submissions must be sent to w8krf at noars dot 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.

### W8KYZ - Tom (440.930.9115)

8/09

- **Micronta SWR/** **SOLD** 42000W. 50 Ohm. Model 21524 (S - 30 - 1112)...
  - **World Radio Lab. "Globe Scout" 75 Watt CW Transmitter. Model 90.** With Instruction Manual...**\$40.00.**
  - **Whisper Fan by Ret** **SOLD** 50/60 HZ. 4 1/2" X 4 1/2 X 2" High...
  - **Electro Products Laboratories Model "BJ" Junior D.C. Power Supply** (6 Volts Adjustable) Metered (0 - 20 Volts Input) and (0 - 20 Amperes Output)...**\$20.00.**
  - **Manual for World Radio Lab. Transmitter Model 680A. Make Offer.**
  - **Manuals - FREE**
    - CORNELL-DUBILIER MODEL AR-22R ROTOR MANUAL.
    - KENWOOD MC-60A MIC, INSTRUCTION MANUAL
    - ELECTRO-VOICE MODEL 664 CARDIOD MIC. MANUAL
- **FREE: QST 2004 - 2007**

WD8IQJ John (216) 544-5761

6/09

- **Beam Antenna SIX Meters**
- **5 element antenna (Cushcraft?)**  
New hardware! Get ready for the summer band openings!
- **Sears / Konica 35MM SLR (film) camera** Many extras / lenses **\$200 OBO**

operated by TestParts.com

## CoaxAdapters.net

Connect for Less

We sell standard and many hard-to-find adapters

A NOARS SPONSOR!!

**Sales@CoaxAdapters.net**  
832 Sparkleberry Road  
Evans, GA 30809



We Buy & Sell

FREE

RADIO KIT BUILDING PARTS.

CAPACITORS, RESISTORS, ETC, ETC.

CALL SANDY, W8KYS

440.647.2255.

**WANTED:**

NEED MIC. FOR ICOM 2100H, HM-98S,  
or HM-118.

**FOR SALE**

ALL VARIETIES OF TUBES. CALL FOR  
PRICE AND AVAILABILITY.

CALL JIM (N8MPC) 440.774.1275.

## For Sale

**Yaesu VX-170 2 Meter HT**, speaker mic, docking station, with original manual and box.....**\$100.00**

**Kenwood TM-2570**, original mic, mobile bracket and copy of manual, D-104 mic with different cartridge (super audio) also with factory tone board.....**\$125.00**

**ICOM IC-208H 2m/70cm with WX band**, and more (5 bands total), original mic, mounting bracket, manual, and box.....**\$275.00**

**Yaesu FT-50 Meter** for 987D or 857, manual, box.....**\$30.00**

Contact Rich, K8RWC at 440-963-0015 or 440-787-7371 (Cell)



## Dayton Hamvention 2010

May 14-16 2010

### *Amateur Radio Clubs Worldwide: The Lifeline*

Go to: [www.hamvention.org](http://www.hamvention.org) for more information

#### 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 7:30 p.m. sharp on the third Monday of every month at the Elyria Police Department Community Room, 18 West Ave in Elyria, OH.
- 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 Wednesday night at 9 pm. on 146.700 for the rag-chew net and every Thursday night at 8 pm. for the technical discussion net. 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\*\*

Mailings:  E-Mail  Website  USPS

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: \_\_\_\_\_

Rcvd hv: \_\_\_\_\_ Amount Paid: \_\_\_\_\_ Date: \_\_\_\_\_

(Cut on dotted line)

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



THE NORTHERN OHIO  
AMATEUR RADIO SOCIETY

46

Years Serving  
The Amateur Radio  
Community



Dated Material

Mailing Label