

# NOARS LOG

Our 41st Year

Serving The Amateur Radio Community

The Newsletter of:
The Northern Ohio Amateur Radio Society

# Welcome to NOARS country!

# December 2005

SUN MON TUES WED THUR FRI SAT

NOARS meetings are held at: GARGUS HALL 1965 N. Ridge Rd. Sheffield Oh.



V.E. Exam Schedule: 1 P.M. Third Sunday of each Month. Elyria Red Cross 2929 N. Ridge Rd. Elyria, Oh.

(Across from old Midway Mall)

	ARS nets an 46.70/10 VF		1 NOARS NET 9 pm. NCS: W8KYZ	2	3	
4	5 <u>No</u>	6	7 NOARS NET 9 pm. NCS: W8KYZ	8 Tech NET 8 pm. NCS: W8KYS	9	10
11	12 NOARS	13	14 NOARS NET 9 pm. NCS: WD80FG	15 Tech NET 8 pm. NCS: W8KYS	16	17
18 VE Exams 1 pm.	19 Meeting	20	21 NOARS NET 9 pm. NCS: WD8IQJ	22 Tech NET 8 pm. NCS: W8KYS	23	24
25	26 <u>This</u> <u>Month!</u>	27	28 NOARS NET 9 pm. NCS: K8PJS	29 Tech NET 8 pm. NCS: W8KYS	30	31

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



November, 2005 Volume 41 Issue 11

# Holidays In NOARS Country

Following up on a motion made at the September regular business meeting. The executive committee has decided to propose an amendment to the by-laws regarding the special life membership requirement changes then proposed. This will help in our view to facilitate the initiation of future members into the revised *Special Life Membership Program*. So pursuant to the by-laws article XI titled: Changes To Constitution Or Bylaws. Please turn to page 3 of this copy of the LOG for the proposed changes. (a copy of the constitution and/or by-laws are available from our secretary KA8VTS for a request and a S.A.S.E. with 2x postage)

#### Membership committee activities:

- 1. Welcome to NOARS to *KJ1J* John Maglio and *N8YAC* Joe Chonko . I hope to see you at the meetings and hear you on the nets. Lets give John and Joe a call when we hear them on the air.
- 2. Thanks to K8VJG Ron. He knows a good thing when he sees it. Paid his dues up till 2007. Good show Ron.

Well 'tis the season at this writing I'm sure you all have our holiday shopping done and the goodies all wrapped and stashed away for delivery. I for one enjoy the holiday season a lot. I'm looking forward to seeing you all at the holiday banquet. And then later on at the Winterfest in February. A busy season to be sure. But let's not forget the ones that won't have such a pleasant holiday this year. 2005 has been a banner year for disasters and mayhem. Both natural and man made. Tornados, hurricanes, floods and fire have left a lot of us in a position where a bright holiday is not very realistic. Remember help is needed right here in the good old USA! Lets do the right thing. What comes naturally to us. Give to your favorite charity. Volunteer when you can. Its The ham radio thing.

Best 73 and CUL..... John
John McKenna –WD8IQJ President NOARS
PO. BOX 432
Elyria, OH. 44036-0432

Or: E-Mail me at: wd8iqj@yahoo.com

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#### Who's who at NOARS?

#### 2005 Elected Officials

President: WD8IQJ John McKenna Vice President N8PZD Clark Beckman Treasurer W8KYZ Tom Porter Secretary KA8VTS Darlene Ohman

#### K8KRG License Trustee

W8EU Mike Willemin

#### Committee Heads for 2005

News Letter Production: WD8IQJ John A.R.R.L. V.E.: W8KYZ Tom Porter Banquet: K8PJS Patrick Sweeney

N8DIU Gary Gargus

Property Manager: *WD8BJY* Doug Krucinski DX Correspondent: N8CX Al Moriarty

USS COD Coordinators: KA8WMX Ted Jones Net operations Manager: WD8IQJ John McKenna

Hamfest Crew : W8KYZ Tom Porter

N8PZD Clark Beckman N8CX Al Moriarty

Web Master@www.noars.net: K8JWS John Schaaf Sunshine Committee: KD8SC Rosemary Shook Repeater Upkeep: N8PZD Clark Beckman Membership: WD8IQJ John McKenna

Contact the above people using the appropriate information in your copy of the NOARS roster

Did I leave anyone out? Let me know I'll fix it ASAP!

# NOARS ON THE AIR! Weekly Nets

146.700 Wednesday Night Rag chew 9 pm local NCS: WD8IQJ – K8PJS – W8KYZ – WD8OFG – KC8TMZ 146.700 Thursday Technical discussion net 8 Pm Local time

NCS: W8KYS – K8PJS All are welcome on NOARS nets!

Roll Call November 21, 2005 Meeting							
19 Members and Guests Were Present							
WD8IQJ John	W8EU Mike	W8KYZ Tom	KD8SC Rosemary	KA8VTS Darlene			
W8DJM D.J.	KC8BXH Joni	WD8BJY Doug	N8CX Al	W8ADV Ray			
WD8CSP Ned	K8PJS Pat	K3LOW Hank	KC8BQO Ken	K8JWS John			
W8TAS Ted	N8DIU Gary	John Schaaf Sr.	Steve Krucinski	Sgt. Ralph O'Hara			

#### Solution to Puzzle 1105



#### **Upcoming events**

Have your event posted here!
Send copy to: NOARS newsletter editor. PO BOX 432
Elyria, OH. 44036-0432
Or Email wd8iqj@yahoo.com - deadline is third Tuesday of each month for the following months publication

#### **Sunday 12/4/2005 8AM - 1PM**

L'anse Creuse High School 38495 L'anse Creuse Road Harrison Twp. Michigan Contact: Don WA8IZV donols@provide.net

#### Pursuant to Article XI Titled: Changes to Constitution or Bylaws. Here are the proposed changes in the by-laws:

Original wording of Article III, paragraph 5. Titled: Special Life Member:

- 5. Special Life Member
  - a) Members may be honored by election to Special Life Membership when nominated by the board of directors and confirmed by affirmative vote of the members present at a regular club meeting.
  - b) Special Life Members will have the same obligations and privileges as defined above except the obligation to pay dues is recanted.

(end of paragraph 5)

Changes proposed are in the form of an addendum shown below:

- 5. Special Life Member
  - a) Members may be honored by election to Special Life Membership when nominated by the board of directors and confirmed by affirmative vote of the members present at a regular club meeting.
  - b) Special Life Members will have the same obligations and privileges as defined above except the obligation to pay dues is <u>recanted.</u>
  - c) Automatic Special Life membership. Members meeting the following eligibility requirement will be automatically promoted to special life membership with the same obligations and privileges spelled out in paragraph 5-b
    - 1) requirements of eligibility: at age 75 or will turn 75 during the current year. And who have five (5) years consecutive membership in good standing immediately prior to the year of eligibility.
    - 2) It will be the duty of the membership committee to notify the candidate of such promotion. And to modify the membership records to reflect the change.

(End of paragraph 5)

(Addendum wording is bold, italic and underlined)

What happens next? The proposed changes will be voted on at the January 16<sup>th</sup> 2006 meeting and if carried will become an addendum to our bylaws. And the revised paragraph will be published in the following issue of the log (pursuant to article XI of the bylaws titled: Changes to Constitution or Bylaws)

Copies of the constitution and/or bylaws are available. Send S.A.S.E. with 2X postage to secretary (KA8VTS (good in roster)). A limited amount of copies will be available at the January meeting as well.

#### Minutes of the November 21, 2005 Meeting

Submitted by: Darlene Ohman, KA8VTS

The meeting began at 7:30 p.m. with 20 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.

Newsletter and Membership: John McKenna, WD8IQJ, everything is going well. Your 2005 dues expire as of December 31, 2005.

**DX:** Al Moriarty, N8CX passed out copies of the DX report.

Sunshine: Rosemary Shook, KD8SC, Bill Johnson, KB8AM passed away.

**Nets:** Both nets are going really well.

Repeaters: Clark Beckman, N8PZD, was not in attendance.

Holiday Banquet: Pat Sweeney, K8PJS – the prizes are being purchased. Everything is ready for the banquet on December 3, 2005.

**Speaker:** Ralph O'Hara – He is in the Air Force National Guard. He has been to Iraq twice for 6 months doing engineering and construction work. He gave a great presentation with video and multiple pictures. He also brought his armored vest and other equipment that he wore while he was there.

**New Business:** John McKenna, WD8IQJ, - proposed changes to the by-laws regarding The Special Life Membership Award. The amendment will be published in the newsletter on page 3 and at the January 16, 2006 meeting it will be voted on and if passed will then become an addendum to our by-laws. Copies of the Constitution and By-Laws will be available at the January meeting or by mail. All committee heads need to submit their expenditure proposals by the January meeting.

The meeting was adjourned at 9:07 p.m.

## **Happy Birthday This Month To:**

(You know if I've missed your birthday it's likely that I don't know what it is! Please let me know. What is your birth date? ..Ed.)

WD8IPU W8GET WD8AJF K8TED W8KYZ N8MPC KI8IL N8WH

#### A Few Of The Callsigns Heard On The

NOARS Nets Wednesday and Thursdays nights
On The 146.700/100 Repeater In Elyria

November 2<sup>nd</sup> ~ November 30<sup>th</sup>

WRYS WROYF NRMPC WARPK CKCRYCM KDRAGG

W8KYS W8QXF N8MPC WA8PKC KC8VCM KD8AGG W8KYZ W8ADV KB8NEA W8TAS WD8IQJ KC8TYB KC8AGU KB8BBZ K8AGW KC8AUP K8PJS K3LOW WA8Q KC8ZWS WD8OFG N8CX

#### <u>146.700 TWO NOARS NETS FOR YOU 146.700</u>

#### 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: WD8IQJ – K8PJS – W8KYZ - WD8OFG – KC8TMZ

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: W8KYS

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

**4U60, UNITED NATIONS HQ** - By the time you read this the United Nations HQ station might be on the air using the callsign 4U60UN to celebrate the 60th anniversary of the United Nations. OSL via HB9BOU. Length of activity is not known. Some sources are stating 24 hours (maybe longer).

6Y, JAMAICA - Kenny, K2KW, will be active from here between November 26th and December 5th. His activity will include the ARRL 160M CW Contest (December 2-4th) as 6Y0A

A52, BHUTAN - Members of the Clipperton DX Club are now active as A52CDX until December 3rd. QSL via F9DK

FT5Y, ANTARCTICA - Jean-Paul, F5BU (ex-FT5WJ on Crozet Island), will be going to Adelie Land in a few weeks. He will stay at the French Antarctic Dumont d'Urville station from mid-December to the end of February 2006. He hopes to be active during his free time on 20 meters SSB and has actually asked for the callsign (like) FT5Y\*\*.

HS0, THAILAND - Tony, G4UZN, will be in Bangkok as HS0ZGH from November 23rd to December 7th. He is expected to participate in the CQWW DX CW Contest

IOTA NEWS: AS-076. Operators JA5BEX and JN4MBO will be active from Naoshima Island (JIIA AS-076-New) in the JA5 Shikoku Islands Group, December 3-5th. They will sign homecall/5. QSL to their home callsigns, direct or by the bureau. SA-023. Operator Cris, PY7GK, will be active from Itaparica Island as ZY6GK between December 27-60th. He hopes to be active on 40/20/15/10 meters on both CW and SSB. QSL is OK via the bureau or direct via QRZ.com SPECIAL EVENTS (French Telethon) - TM4THO - (North France) Activity by the Informatique, Communication Electronique ARS members, from December 1-15th, on HF and VHF, and CW/SSB/DIGIT. QSL and Award (5 Euros) available from David, F4EPU. Main activity on December 2-3rd from the City of Jeumon TM8T - (North France) Activity between November 27th and December 11th. Main activity on December on 2-3rd from the City of Croix. QSL (w/SAE + 1 Euro for the Telethon), to: GCNF, 68 rue Jules GUESDE F 59170 CROIX, France TM6TLT - (Le Mans Area) Activity by the Sarthe l'A.R.A.S 72, from 1300z, December 3rd, to 1500z, December 4th. QSL per instructions on: http://asso.proxiland.fr/aras72/ TM3TLT - (Vald'Oise near Paris) Activity by the Radio-club de VAUREAL (F8KGL) ARC. F5KES and the 95th division of the REF-Union will be on the air December 2-3rd, from the city of Vaureal. Look for activity on HF, VHF and UHF (+ ATV). Web page: http://tm3tlt.f8kgl.com HB9Y - (Switzerland) Activity by the members of the USKA-Valais-Wallis all December long. Main activity on December 3rd from the Midi Place in the City of Sion. QSL via Bureau. Web page at: http://he1tele.radioamateur.ch/

TR8, GABON - Roland, F8EN, will be active again as TR8CR from Libreville. He will be there from December 12th to January 12th. Activity will mostly be on CW on 40/20/10 meters (7005 and 14005 kHz) and SSB (14170 kHz) during his morning.

**VP9**, **BERMUDA** - Mark, AA1AC, will be operating from the Hamilton Parish, Bermuda, as AA1AC/VP9 from December 12-15th. QSL via to his home callsign, direct or via the bureau.

#### CONTEST CORNER

#### **Excerpted from ARRL.ORG**

#### <u>Dec 2</u> – 4

ARRL 160 Meter Contest--CW, from 2200Z Dec 2-1600Z Dec 4.

TARA RTTY Mêlée--sponsored by the Troy Amateur Radio Assn, from 0000Z-2400Z Dec 3

**Holiday Spirits Homebrew CW Sprint**--sponsored by the QRP ARCI, from 2000Z-2400Z Dec 4. Frequencies (MHz)--1.810, 3.560, 7.040, 14.060, 21.060, 28.060 kHz

#### Dec 10 - 18

ARRL 10 Meter Contest--0000Z Dec 10-2400Z Dec 11Dec 10 – 18 ARRL 10 Meter Contest--0000Z Dec 10-2400Z Dec 11

**Great Colorado Snowshoe Run--**CW, sponsored by the Colorado QRP Club from 0200Z--0359Z Dec 10. Frequencies: 40 meters only

**North American Meteor Scatter Contest**-- any mode, sponsored by the WSJTGROUP from 0000Z Dec 10-0700Z Dec 18 (the Geminids meteor shower). Frequencies (MHz): 50, 144, 222, 432

#### Dec 17 - 18

OK DX RTTY Contest--sponsored by the Czech Radio Club, 0000Z-2400Z Dec 17

**Stew Perry Top Band Distance Challenge**--CW, sponsored by the Boring Amateur Radio Club, 1500Z Dec 17-1500Z Dec 18

**PSK31 Death Match**--PSK31 and PSK63, sponsored by the Michigan DX Association, 0000Z Dec 17-2400Z Dec 18. Frequencies: 80-6 meters **Russian 160-Meter Contest**--CW/SSB. sponsored by *Radio* Magazine, from 2100Z-2300Z Dec 16

RAC Winter Contest--CW/Phone, sponsored by the Radio Amateurs of Canada, 0000Z-2359Z Dec 17. Frequencies (MHz): CW--25 kHz up from the band edge (check on the half hour), Phone--1.850, 3.775, 7.075, 7.225, 14.175, 21.250, 28.500, 50 and 144 MHz.

#### <u>Dec 24 – Jan 1</u>

**Lighthouse Christmas Lights QSO Party**--all modes, sponsored by the Amateur Radio Lighthouse Society, 0001Z Dec 17, 2005-2359Z Jan 1, 2006. Frequencies (MHz): CW--1.830, 3.530, 7.030, 14.030, 21.030, 28.030, SSB--1.970, 3.970, 7.270, 14.270, 21.370, 28.370, plus VHF and repeaters.

**DARC Christmas Contest**--CW/SSB, sponsored by the Deutscher Amateur Radio Club, 0830Z--1100Z Dec 25. Frequencies (MHz): CW--3.510-3.560, 7.010-7.040, SSB--3.610-3.650 and 3.700-3.775, 7.040

#### **QSL INFO AND NEWS**

JW5YJ QSLS DELAYED. Hugo, LA5YJ, informs OPDX that anyone who worked him as JW5YJ and sent their cards to Norway will have to wait a little for their QSLs. Hugo had to leave on very short notice to Pakistan to help out with the emergency communication. He has been there since about November 2nd. Hugo states that he is really sorry but there is nothing he can do until he gets back. This also counts for the bureau cards for 9N7YJ and XU7ACW. He thanks you for your patience.

QSL ZS6CCY via OK1DOT, by the bureau or direct to: Petr Gustab, P.O. Box 52, CESKY BROD, 282 01 Czech Republic. QSL cards received by the bureau are answered via bureau. Cards received directly with SAE and 1 USD/IRC will be answered directly (do not send old IRCs please) Jean-Michel, F6AJA, Editor of the LNDX, reports that his log from his recent activity from Bucarest as YO/F6AJA is online at: http://LesNouvellesDX.free.fr

Please Note: This is only a <u>SMALL</u> part of: **OPDX Bulletin #736 - LOG TO: WWW.papays.com for the rest** 

#### **NOTICE!**

Al *N8CX* is our DX correspondent if you have any juicy DX tidbits you want to share let Al know so he can announce them here and at the regular meetings.

## → 444.8 Out for service ←

As of this printing our UHF repeater 444.8 has been removed from service. As it was acting wacky and making some rather annoying noises. So it was taken off to the repair bench. N8PZD Clark estimates down time will be around three weeks. When it goes back up it will have improved functionally including the return of "BART" the DX alert.

# For Sale & Advertisement's Page

All Submissions must be sent to wd8iqj@yahoo.com or sent to: PO BOX 432 Elyria, OH. 44036 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 unless updated! NOARS reserves the right to refuse ad's at our discretion.

#### **K3LOW** Hank (440) 716-9552 11/5

hschuett@netzero.net

QSY Sale - As priced or best offer (BO)

**Telescoping mast** – 6 sections 5' steel 2" dia tubing – BO \$10

**Hy-Gain** 14 MHz 3 element Yagi (full-size) with manual - \$50

MOTOROLA (indoor) repeater cabinet with

panel meters and 144 MHz 2E26 TX with power supply - BO

Phelps Dodge 144 MHz Collinear – BO

**Hardline coaxial cable** ~50 ft – BO

**Mobile whip** 50 MHz – BO

HP Model 650A Test Oscillator 100 Hz ~10

MHz -\$25

MIL Model TV-7A tube tester/manual - \$135

EF Johnson Viking Navigator ~ 40W, non-

WARC ham bands 160-10 M. CW only - \$150

ROHN 10' tower top section/tripod legs for roof mounting - \$45

**Dumont 304A** o'scope/manual (not working) –

#### Non-Amateur Items:

21 Cu Ft upright freezer - \$250

Walnut Credenza 72"x20"x28 1/2" (LWH) -

\$65 Clothes drver 220 vac - BO

Mountain bike 26" men's (like new) - \$65

*N8MPC* Jim (440) 774-1275 11/5 **BK** model 2160 Oscilloscope 60Mhz. Dual trace and time base 2 new Probes, Manual & Schematic Asking \$250 << Price Reduction

## **NOARS Winterfest®**

February 5<sup>th</sup> 2006



Gargus hall - Elyria, Ohio 8 AM - 1 PM

Hourly door prizes- Main prize at NOON

Admission STILL \$5

(Including pancake breakfast!)

(while they last! Come early!)

Gargus Hall is located at

1969 North Ridge Rd. (North side of street)

1.2 miles West of Rt. 57

which is the extension of Rt.254

Just north of Turnpike (I-80) exit 8 (Rt. 57)

Just North of I-90 exit 145 (Rt. 57)

Motels – dining in the area



# YOUR AD BELONGS HERE! Send Copy to wd8iqi@yahoo.com

**N8PZD** Clark (216) 671-8795 6/5

**ICOM** 275A 2m.25w all mode with fm tone Asking \$450

MIDLAND 100w UHF fm Mobile 64ch Asking \$200 **UNIDEN** gps/radar detector new \$199 – Asking \$125 w/box & manual

BEARCAT BC760XLT 100ch 800MHz Scanner w/box & manual Asking \$125

BEARCAT BC200XLT 200ch 800MHz with Drop in charger base. Needs Battery asking \$100

**W8QWI** Al (440) 282-6672

MLA Kw. Linear Amp. Modified with overdrive protection. All modification info included. Still puts out 1Kw. Needs new filters Price: FREE

**W8KYZ** Tom (440) 930-9115

**35 Ft. "6 Step" Tower.** Is down and needs to be disassembled. Location: West side of Elyria (next to The Church Of The Open Door) on Rt. 113

Price: FREE

PH: (330) 225-7373 FAX (330) 225-4333 1-877-964-5566

RETAIL STORE HOURS [1] MON WED & FBI 11AM - 7 PM

CLOSED TUES. & THUR. SAT. 10 AM - 6 PM SUN. 1PM - 4 PM www.noard.com

Northern Ohio Amateur Radio Depot

Rick Wells - K8SCI

[1] (Check phone msg. machine for any changes in hours) (9/2003)

NOARD Inc. 821 Pearl Road Brunswick, OH 44212

Н	F	Ε	Ε	С	0	P	Т	I	С	Α	L	Υ
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Puzzle 1205				
WORD LIST				
CDROM	MEMORY			
COMPUTER	MONITOR			
CONTEST	MOUSE			
DEVICE	NETWORK			
DISK	OPTICAL			
DVDROM	PROCESSOR			
FILE	RAM			
FLOPPY	SPEED			
GRAPHICS	SYSTEM			
LOGBOOK	WINDOW			

ARE THERE MORE?

#### **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: GARGUS Catering Hall - 1969 North Ridge Road Lorain, Ohio.

The meeting are open to the public. And all are welcome. Tune to the 9:00 pm. Wednesday night NOARS net on the 146.700/444.8 Mhz. repeaters 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.

NOARS can be found on the World - Wide - Web at: http://www.noars.net

NOARS also operates the Amateur radio station aboard the U.S.S. Cod the WWII Submarine museum next to Burke Lakefront Airport. In Cleveland. NOARS members are welcome to operate the club station there between the hours of 11 AM. and 5 PM. And will be admitted to the museum for that purpose at no charge.

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 PO box 432 Elyria, OH. 44036-0432.

Use the handy application form on the reverse to Join NOARS

Use this form to apply for new membership, or to renew a membership, or to change information on file

	Please submit a	separate form for each memb	ership.	
WARNING: Some of this	data will appear in	the roster. So please mark a	ll information you want to	be private
Please indicate if	this is a: <u>New □</u>	Renewal Changes	application Please prin	<u>ıt</u> !
Call Sign	Class	License Expires/	/ Birthday/_	
Name First	Init.	Last		
Membership type: □F	ull (\$10/yr) 🗖 Asso	ociate (\$5/yr)	2/yr) □Charter	
Membership expiratio	n date <u>12 / 31 /</u>	ARRL Y/N? Amou	ınt paid \$	
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StateZip				
Email Address				_
Phone ( )	-	Mailings** via:	□U.S.P.S - □E-Mail	
Ham interests:				_
*Call sign of family me	mber	Amount paid \$		
**Mailings = Monthly	newsletter, Roster	and/or Roster updates	iqj/08180-	4
			THE NORTHERN OHIO AMATEUR	U.
RSR			DADIO SOCIETY	Post

N.O.A.R.S. **PO. BOX 432** Elyria, OH. 44036-0432

Dated Material

RADIO SOCIETY

41

Years Serving The Amateur Radio Community

S. tage



Mailing Label