



# NOARS LOG

Our  
43<sup>rd</sup> Year  
Serving The  
Amateur Radio  
Community

The Newsletter of:

The Northern Ohio Amateur Radio Society

www.noars.net

## Welcome to NOARS country!

# January 2007

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 W. River Rd. Elyria, Oh.  
(Across from old Midway Mall)

SUN	MON	TUES	WED	THUR	FRI	SAT
Dues Due	→ 1	2	3 NOARS NET 9 pm. NCS: W8KYZ	4 Tech NET 8 pm. NCS: W8KYS	5	6
7	8	9	10 NOARS NET 9 pm. NCS: WD8OFG	11 Tech NET 8 pm. NCS: W8KYS	12	13 SW. Ohio digital & Technical Symposium Middletown, Oh.
14 S.C.A.R.F. HAMFEST Nelsonville, Oh	15 NOARS MEETING 7:30 pm.	16	17 NOARS NET 9 pm. NCS: WD8IQJ	18 Tech NET 8 pm. NCS: W8KYS	19	20
21 VE Exams	22	23	24 NOARS NET 9 pm. NCS: N8CX	25 Tech NET 8 pm. NCS: W8KYS	26	27
28 Tusco Hamfest Strasburg, Oh.	29	30	31 NOARS NET 9 pm. NCS: WA8Q	<b><u>NOARS nets are open to ALL!</u></b> <b>Tune 146.70 VHF or 444.800 UHF</b>		

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# The Northern Ohio Amateur Radio Society K8KRG January, 2007 Volume 43 Issue 1



Welcome To  
N.O.A.R.S

Who's Who at NOARS?

Happy New Year to all!

Well 2007 is here and so far so good. Did you all keep your 2006 New Year's resolutions? Hmmm? Looking back at the 2006 January issue of this column I see that my resolution to get on the air more came true. And that I actually did enjoy the worlds greatest "hobby" a lot more this year. Although I tried hard to meet all the goals I set for my tenure at the wheel of this great club still and all a lot of them fell thru the cracks. But they are still on the back burner and again they rank high in my 2007 resolutions. We'll see what '07 brings

NO MORE CODE!!!! Wow now that's been a long time coming and I've received that news with mixed emotions. Don't get me wrong I am as far from a CW guy as you can get! There is no key on my radio and in fact at least one of my past radios had the key jack converted to other much more pleasant (for me) uses. On the one hand nothing stays the same! That's what makes life wonderful and one of our biggest assets is the fact that we can evolve to meet these changes. CW has not been outlawed just the requirements to show skills in it to obtain a ticket have been put on the shelf. Now there are no screaming hoards of outlaws and bad actors just over the hill waiting their chances to invade our domains. Now that code is history. CW for those who love it will continue to flourish. And the coded QSO's will continue for a very long time. I look at this new development as an opportunity. You've all heard about the "graying" of ham radio and with the median age of our members sitting at 62.3 this may be our last and best chance to attract new blood into the mix. With the competition from the internet. Chat rooms taking the place of QSO's! Emails taking the place of traffic nets! Now is the time! Here's you're chance to save the world! Get out there and get that guy who's been using the CW excuse not to get his ticket. There's a lot of talent out there folks. Lets see what we can make of this change.

*Best 73 and CUL..... John*  
John McKenna - *WD8IQJ* President NOARS  
PO. BOX 432  
Elyria, OH. 44036-0432  
Or: E-Mail me at: [wd8iqj@noars.net](mailto:wd8iqj@noars.net)

## *2007 Elected Officials*

President: *WD8IQJ* John McKenna  
Vice President *N8CX* Alan Moriarty  
Treasurer *W8KYZ* Tom Porter  
Secretary *KA8VTS* Darlene Ohman

## *K8KRG License Trustee*

*W8EU* Mike Willemin

## *Committee Heads for 2006*

News Letter Production: *WD8IQJ* John (*Editor*)  
*W8KYZ* Tom (*Producer*)

A.R.R.L. V.E.: *W8KYZ* Tom Porter

Banquet:

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](http://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 IS ON THE AIR!**

### **Weekly Nets:**

146.700 Wednesday Night Rag chew 9 pm local  
NCS: *WD8IQJ* - *W8KYZ* - *WD8OFG* - *N8CX* - *WA8Q*  
146.700 Thursday Technical discussion net 8 Pm  
Local time

NCS: *W8KYS*

All are welcome on NOARS nets!

N S N H E E S G A V E F A  
 A A O U W V A H V N I A G  
 E C O D B I O N E L I N E  
 M E M E P T P L T I S M S  
 B C A L L C B O T E L E I  
 R N E O A E I V W A N D N  
 W U D P N F G D L E G N L  
 S O I I E F A T M A R E A  
 R B W D H E Y G R O U N D  
 I M P E D A N C E D L E E  
 E R A D I A L S E T T I I  
 R A D I A T I O N G J B  
 K R E F L E C T E D R A F

Solution To Puzzle 1206

## 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](mailto:wd8iqj@yahoo.com) - deadline is third Tuesday  
 of each month for the following months publication

January 13<sup>th</sup>

Southwest Ohio Digital & Technical  
 Symposium

Dial Radio Club

<http://www.swohdigi.org>

**Talk-In:** 146.01/146.61

**Contact:** Jay Slough, K4ZLE

8183 Woodward Drive

West Chester, OH 45069

Phone: 513-779-1747

Email: [k4zle@arrl.net](mailto:k4zle@arrl.net)

Miami University Middletown Campus

(Center for Chemistry Ed)

4200 East University Blvd. Middletown, OH

January 14<sup>th</sup> 2007

11th Annual S.C.A.R.F. Hamfest

Sunday Creek Amateur Radio Federation

<http://www.scarclub.org/>

**Talk-In:** 147.15+

**Contact:** Jeramy Duncan, KC8QDQ

5000 Angel Ridge Road

Athens, OH 45701

Phone: 740-593-3451

Email: [KC8QDQ@hughes.net](mailto:KC8QDQ@hughes.net)

15676 State Route 691 Tri-County Career Center

Nelsonville, OH

January 28<sup>th</sup> 2007

Tusco ARC

<http://noard.com/tuscoarc.htm>

**Talk-In:** 146.730 (PL 71.9)

**Contact:** Gary Green, K8WFN

32210 Norris Road

Tippecanoe, OH 44699

Phone: 740-922-4454

Email: [tuscofest07@hotmail.com](mailto:tuscofest07@hotmail.com)

965 North Wooster Avenue Wallick Auction House

Strasburg, OH

## N.O.A.R.S. NEWS

### Time Standard Leaving?

*On April 1, 2007, CHU needs to stop operating, change frequencies, or re-license. Contact [radio.chu@nrc.gc.ca](mailto:radio.chu@nrc.gc.ca) or mail CHU Canada KIA 0R6."*

This outreach is to collect information from users of CHU to help shape recommendations concerning what should be done concerning changes to CHU that will have to be in place by April 2007.

In April 2007 the licence on 7.335 MHz will have to be modified to reflect changes on the status of the band allocation by the International Telecommunications Union. This frequency has been changed from "fixed service" to "broadcast". (The ITU decision does not affect the frequencies 3.33 MHz and 14.67 MHz.) Some alternatives are: Re-licensing just might be possible, calling the 7.335 MHz a "broadcast".

- It is also possible to stop using that frequency (the most useful of the three we use). Stopping one signal is the easiest solution but could create problems for some clients who are counting on this particular signal.
- Change the frequency from 7.335 MHz to a nearby fixed-service frequency. It would need some investment from our part in new hardware and in manpower. It could also create problems for clients, and likely not all radios will be able to tune to the new frequency.
- Closure of the entire CHU operation, as discussed below.

To be seriously considered, any of the above alternatives will need to have a zero-based budgeting justification prepared, comparing it against the least expensive alternative of closing CHU entirely. CHU is entering a phase where major investment in new transmitters will be required if it is to be kept operating. In the absence of input from the CHU user community, concerning the importance of CHU's contribution in the modern world, this last option is an inescapable recommendation.

*Retrieved from the CHU Official Website : [http://inms-ienm.nrc-cnrc.gc.ca/time\\_services/shortwave\\_broadcasts\\_e.html](http://inms-ienm.nrc-cnrc.gc.ca/time_services/shortwave_broadcasts_e.html)*

*Find more details there*

## Membership News

Congratulations! And welcome back! To the following members who have renewed there memberships before the first of 2007:

**K8AGW - KC8AKF - KC8ATR - KD8AUQ - KB8BBZ - KD8CFL - N8CX - N8DSG - W8GWD - KI8IL - KI8IM - K8JWS - WD8KIC - N8KJG - NO8L - W8LKM - N8MPC - KC8POL - K8RWR - K8SVT - KC8TYB - K8US - KC8VCM - KA8VHI - K8VJG - KC8ZBL**

These hams know a good thing when they got it!



The Minutes Of The December, 2<sup>nd</sup> Meeting Of NOARS:

WE  
ALL  
HAD  
A  
GOOD  
TIME  
!!!!!!!

Wish you would have been there!  
Merry Christmas!  
And  
Happy New Year For All!



Say Happy Birthday (Send 'em ARL#46) This Month To:

(Sorry 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.)

KA8BWI - KA8KJE - KC8TYB - KA8VTS - N8KJG - WB8VOT - WB8LUT

A Few Of The Callsigns Heard On The NOARS Nets Wednesday and Thursdays nights  
On The 146.700/100 Repeater In Elyria  
December 6<sup>th</sup> ~ December 20<sup>th</sup>

WD8IQJ W8KYS W8KYZ WA8Q N8MPC WD8OFG  
W8QXF WA8PKC KC8VCM W8KRF W8TAS K8JWS  
KC8TYB N8ABD WD8ADG K8AGW W8ADV  
KC8VFE KB8BBZ KB8ZUN WD8KIC KB8IOS  
KA8OYE

146.700 TWO NOARS NETS FOR YOU 146.700

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 - W8KYZ - WD8OFG - N8CX - K8JWS

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/](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!

**IA4, SMOM (New Prefix!) --** An E-mail from Amateur Radio Station of S.M.O.M. informs OPDX that starting January 2007 a new Amateur Radio Station license has been issued from "The Sovereign Military Order of Malta" (SMOM). The license 1A4A was issued by the S.M.O.M. and Giorgio, IZ4AKS, will be in charge of managing the station. The first activity of this station will take place between January 2-8th, 2007, from the extraterritorial zone of the Magistral Villa on the Aventine Hill in Rome. Operators will be Giorgio/IZ4AKS, Cortesi/IZ4DPV, Fabio/I4UFH, Gabriele/IK4UPB and Luca/IW0DJB (HV5PUL). Activity will be on 160-2 meters, SSB/CW/RTTY mode.

**8Q, MALDIVES --** Andy, G7COD, will once again operate from Embudu Island, South Male Atoll, Maldives, for the second time as 8Q7AK between Sunday, January 21st and February 2nd. Activity will be on 30/20/17/15/12 meters mostly SSB

**BX0, TAIWAN --** Operators Steve/N8BJQ, George/W8UVZ and Randy/W9ZR, along with several BV operators will be active as BX0ZR from January 8-21st.

**SPECIAL EVENT --** The Straight Key Century Club (SKCC) invites you to celebrate their first anniversary with special event station K1Y. Stations will be operating in all call areas on all HF bands from January 1-31st.

**T30, WESTERN KIRIBATI --** Toshi, JA8BMK, will active as T30XX during his spare time from December 27th to January 8th. Activity will be on 160-10 meters

**PIRATE ALERT - ZK3DX --** Len, ZL1BYA, New Zealand Association of Radio Transmitters (NZART) Monitoring Service Officer, has issued the following: "There is a pirate station using the callsign ZK3DX. He has been operating since the 16th of September and was last heard on the 3rd of December 2006, he is usually around 7000 to 7010 kHz between 0500 and 0700 NZDT. He appears to be an experienced CW operator and claims to be operating from Nukunonu Atol in the Tokelau Is. The Tokelau Administration has not issued this callsign nor have they heard of any amateur operating from these Islands. This callsign is being used illegally."

**QSL INFO AND NEWS --** CG3OIJ via VE3OIJ, TG9AKH via eQSL, LoTW or OK1DOT (direct), UA0IDZ via RW0IZ, ZM3R via ZL3RG

**403T QSLs.** Bob, N6OX, with the 403T DXpedition, informs OPDX readers: "I wanted to apologize for some of the recent confusion with the 403T QSL cards. First of all many people are wondering how the cards ended up getting back to the states?? As part of the team I agreed to process the cards for NA/SA and collected the cards from YT6A on a recent trip back to Europe. As you can imagine this was a good size box and was heavy, which Air France quickly charged extra for. Due to the large volume of cards I had to process, we volunteered John, N7CQQ, to help us. This explains why the cards are now being mailed from Las Vegas. Our first group of QSL cards were printed just fine and mailed out. So we continued processing the cards and then discovered that the program had dropped the day off. We were able to identify some of the people that rec'd these cards and quickly resent revised QSL cards out explaining the problem,

## Contest Corner

### Excerpted from [arrrl.org](http://arrrl.org) January 1<sup>st</sup>

**SARTG New Year RTTY Contest --** sponsored by the Scandinavian Amateur Radio Teleprinter Group (SARTG)

January 6<sup>th</sup> – 7<sup>th</sup>

**ARRL RTTY Roundup --** 1800Z Jan 6-2400Z Jan 7

**DARC 10 Meter Contest --** CW/SSB, sponsored by the Deutscher Amateur Radio Club, from 0900Z-1059Z Jan 7. Frequencies: CW 28.000-28.200 MHz, SSB 28.300-28.700 MHz

**EUCW 160 Meter Contest --** CW, sponsored by the Union Francaise des Telegraphistes from 2000Z-2300Z Jan 6 and 0400-0700Z Jan 7

January 13<sup>th</sup> – 18<sup>th</sup>

**North American QSO Party --** CW, sponsored by the National Contest Journal from 1800Z Jan 13-0600Z Jan 14. Frequencies: 160-10 meters.

**NAQCC Monthly Straight Key Sprint --** sponsored by the North American QRP CW Club from 0130Z-0330Z Jan 18. Frequencies (MHz): 3.560, 7.040, 14.060.

**Winter Field Day --** all modes, sponsored by the Society for the Preservation of Amateur Radio (SPAR) from local noon Jan 13 to local noon Jan 14. Frequencies: 160-10 meters.

**Midwinter Contest --** CW/SSB, sponsored by the Dutch YL Committee, CW from 1400Z-1800Z Jan 13, SSB from 1000Z-1400Z Jan 14. Frequencies: 80-10-meters

**070 PSKFest --** sponsored by the Penn-Ohio DX Society (PODXS) from 0000Z-2400Z Jan 13. Frequencies: 80-10m.

January 29<sup>th</sup> – 22<sup>nd</sup>

**ARRL January VHF Sweepstakes --** 1900Z Jan 20-0400Z Jan 22

**International United Teenager Contest --** CW/SSB, sponsored by Radio-TLUM Ukraine, from 0600Z-1400Z Jan 20 for operators under 18 years of age. Frequencies: 80-10 meters.

**UK DX RTTY Contest --** sponsored by the Scottish-Russian ARS from 1200Z Jan 20-1200Z Jan 21. Frequencies: 80-10 meters.

January 27<sup>th</sup> – 28<sup>th</sup>

**CQ WW 160 Meter Contest --** CW, sponsored by *CQ Magazine* from 0000Z Jan 27-2359Z Jan 28 (Phone is Feb 24-25).

**BARTG RTTY Sprint --** sponsored by the British Amateur Radio Teletype Group from 1200Z Jan 27-1200Z Jan 28. Frequencies: 80-10-meters

but unfortunately we could not identify everyone, so then the confusion set in. The printing glitch has been corrected, and we are back on track mailing out the QSL cards. For anyone that has one of these 'unique' cards, we will replace it with a properly dated card just contact either John at [n7cqq@msn.com](mailto:n7cqq@msn.com) or me at [n6ox@yahoo.com](mailto:n6ox@yahoo.com). Thanks for your understanding.

**QSL VIA DL5EBE.** Even though QSL Manager Dominik, DL5EBE, is now living in Russia, he states that direct QSL cards for any of the stations he is the manager for can still be requested from the following address: Dominik Weiel, Wintershall Holding AG, Abt. EV, Friedrich-Ebert-Str. 160, D-34119 Kassel, Germany. QSLs sent via the DARC QSL Bureau will be forwarded to Dominik.

**ST2A QSL STATUS.** Boris, T93Y, reports, "I am pleased to inform you that ST2A QSL cards are received from the printer and that all direct QSL requests received as of Saturday, 9th December are in the mail.

**Nilay, TA3YJ, reports:** "On December 11, 2006, I received the QSL cards for TA3J, TA3J/0 (AS099), TA3J/0 (AS115), TA3J/3, TA3J/4LH, TA3J/60, TA3YJ, TA3YJ/4 LH, TC2K4J, YM125ATA, YM3ATA, YM3BU, YM3LZ (WAE2000SSB), YM3LZ (WPX2000SSB), YM3SV and YM75TA callsigns that had been sent from Australia, Austria, Belgium, Brazil, Canada (VE3), **YX0A/YX0LIX QSL STATUS.** Steve, KU9C, reports, "The YX0A/YX0LIX cards have arrived

Please Note: This is only a SMALL part of:

**OPDX Bulletin #789 LOG TO: [WWW.papays.com](http://WWW.papays.com) for the rest**

(Only the parts relative to the time of distribution of the N.O.A.R.S. log were included here.)

## 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.

## 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 (as space is needed) unless updated! NOARS reserves the right to refuse ad's at our discretion.

**W8KYS** Sandy (440) 647-2255 3/6  
**MFJ4035MV** Power Supply 30A.  
 continuous, Variable voltage output  
 \$100

**B&W** 500W, 10-15-20M. Plug-in  
 Center link couplings jack-bar  
 connector. Brand new! Never used!  
 \$20 Ea.

**Misc. 40-80M. Crystals.** Type FT243  
 holders. \$5Ea.

### Wanted!

**Type 7591** Vacuum tube. Will trade  
 other tubes for it.

**N8KZI** Elmer-(sk) Estate is offering an  
**ICOM IC4-AT** for the best offer.....  
 contact:  
 Marge (440) 988 4521 for details

### NOTICE TO ALL

Its time to let me know if your ads are still valid  
 and the information is accurate

All ads not confirmed by 3/1/07 will be removed

**KC8POL** Bob (440) 887-0466 11/6

- **TS-440S** Kenwood Transceiver
  - Matching **PS-50** Powers Supply
  - Matching **SP30** Ext. Speaker
- All in "excellent" condition !  
**\$450.00**

**N8MPC** Jim (440) 774-1275 11/5

**BK** model 2160 Oscilloscope 60Mhz.  
 Dual trace and time base  
 2 new Probes, Manual & Schematic  
 Asking \$250

**W8QWI** Al (SK) 6/6

Is liquidating his station equipment  
 many items are "best offer" some are  
 "free" all are good deals!  
 Contact **N8MPC** Jim (440) 774-1275 for  
 details

Your ad belongs  
 here!  
 Send me your copy!

**W8TAS** Ted (440) 365-8041 1/6

**KLM** KT-34-A six element beam  
 10-15-20 36' boom one of a  
 kind (big gun) \$300 (bring  
 your truck)

**CUSHCRAFT** A-4-S Four element  
 beam 10-15-20 18' boom  
 used. \$100

**CUSHCRAFT** A-148-10s eleven  
 element 2 meter beams (2)  
 \$30 each.

**DIAMOND** DJ-130J Super discone  
 antenna \$40

**CUSHCRAFT** ATB-34 Triband  
 Beams (10-15-20) Meter

**WILSON** MA550 (rb61b) Tower  
 Crank up and lay down.  
 Rotor is in the base.

# NOARS

## WINTER\*HAM\*FEST

### HAMFEST – COMPUTER EXPO

GARGUS HALL 1969 Northridge Rd. near Lorain/Elyria, OH.

**Only \$6**  
**including:**

**Pancake & Sausage Breakfast**  
**(While they last come early)**  
**Tables Only \$10**

Coming  
**FEB.**

**4**  
**2007**  
**!!!!!!**

**8 AM TILL 1 PM**

**Vendor setup @ 6AM**

**HOURLY DOOR PRIZES**

**MAIN PRIZE AT NOON**

**(1<sup>st</sup> = \$150 ~ 2<sup>nd</sup> - \$75 ~ 3<sup>rd</sup> = \$50\*)**  
**(Or Two tickets to the Dayton Hamvention)**

B N E D C B D B K E B E R  
 C L L A M S T E T R L C E  
 B S T A T E G E P E T R A  
 W E L D S G M M I O N U C  
 B A B A R R I E R U D O T  
 J M N A M J O E B S Q S I  
 E U A A Y I K F G M G E O  
 K V N T L M C R F R T R N  
 S T A C T O E R O S A S S  
 P B R W T E G K O W E H N  
 L T T V N I A L O N G T C  
 I T D E N T O G X P I F B  
 T P O C K E T N V R R C R

PUZZLE 0107	
WORD LIST	
ALONG	POCKET
ANALOG	QUIET
BARRIER	REACTION
CHARGE	RESOURCE
DENT	SMALL
DOPED	SPLIT
JUNCTION	STATE
MATTE	WAVE
MICRON	WELD
OFFSET	WORK
ARE THERE MORE? Want To See Your Word List Here? Send it in! I'll use it ASAP!	

### 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.
- N.O.A.R.S. Repeater Can be found at 146.700 (-) - 444.8 (-) in Elyria, OH. and 145.15 (-) In North Royalton OH.. (although the 5.15 is down for maintenance at this printing )
- Regularly scheduled NOARS nets are every Wednesday night at 9:00 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
- NOARS can be found on the World Wide Web at: <http://www.noars.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 PO box 432 Elyria, OH. 44036-0432.

# The Northern Ohio Amateur Radio Society

## Membership application

Please submit a separate form for each membership.

**WARNING:** Some of this data will appear in the roster. So please mark all information you want to be private!

Please indicate if this is a: New:  Renewal:  Changes:  application. *Please print!*

Call Sign \_\_\_\_\_ Class \_\_\_\_\_ License Expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Birthday \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Name First \_\_\_\_\_ Init. \_\_\_\_\_ Last \_\_\_\_\_

Membership type:  Full (\$10/yr)  Associate (\$5/yr)  Family\* (\$2/yr)  Charter

Membership expiration date 12 / 31 / ARRL Y/N \_\_\_\_\_ ? Amount paid \$ \_\_\_\_\_

Street Address \_\_\_\_\_ Apt \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email Address \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Mailings\*\* via:  U.S.P.S -  E-Mail

\* \_\_\_\_\_ Call Sign of family member with full NOARS membership

\*\*Mailings = Monthly newsletter, Roster and/or Roster updates

iqj/0070105

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



THE NORTHERN  
OHIO AMATEUR  
RADIO SOCIETY

**43**

Years Serving  
The Amateur Radio  
Community

U.S.  
Postage

Dated Material

Mailing Label