



NOARS LOG

**Our
41st Year**
Serving The
Amateur Radio
Community

The Newsletter of:
The Northern Ohio Amateur Radio Society

Welcome to NOARS country!

July 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)	
<u>NOARS nets are open to ALL!</u> Tune 146.70/10 VHF or 444/9.8 UHF					1	2
3	4	5	6 NOARS NET 9 pm. NCS: W8KYZ	7 TECH NET 8 pm. NCS: W8KYS	8	9
10	11	12	13 NOARS NET 9 pm. NCS: WD8OFG	14 TECH NET 8 pm. NCS: W8KYS	15	16 NOARSFEST HAMFEST LORAIN CO FAIRGROUNDS
17 V.E. EXAMS 1 PM	18 N.O.A.R.S MEETING 7:30 P.M.	19	20 NOARS NET 9 pm. NCS: WD8IQJ	21 TECH NET 8 pm. NCS: W8KYS	22	23
24 /	25 <div style="border: 1px solid black; padding: 2px; display: inline-block;"> PORTAGE HAMFAIR Randolph, OH. ← ← ← 7/31 </div>	26	27 NOARS NET 9 pm. NCS:K8PJS	28 TECH NET 8 pm. NCS: W8KYS	29	30
31						

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The Northern Ohio Amateur Radio Society K8KRG June, 2005 Volume 41 Issue 7



Another Great Field Day At NOARS!

Field Day's come and gone for 2005 and if you didn't make it this year you missed a good time. Look for the preliminary report on pg. 3. And come to the July meeting for the formal report.

The hits keep right on coming. NOARSFEST is right around the corner! One of the summer classics NOARSFEST is one of the good ones! HUGE flea-market – Indoor tables – friendly (a typical NOARS event!) This event is one of the most important as far as generating support for your club and with your help it will be the great success that it's been for as long as I can remember. I'll be manning the club table as usual and looking for you.

Then upcoming in August instead of the regular meeting we have the clubs cook out behind Gargus hall NOARS supplies the burgers and weenies, buns and beverages. You supply yourself and a good appetite for good food and the usual good fellowship. Many guests bring covered dishes to share and there is always something new to taste. If you have your own special concoction that make your gang say "ahhhh" whip up a batch and bring it with you. I'll be making my "atomic sneak attack" beans again! More on this fun event in the August NOARS log.

Upcoming in the August NOARS log will be the field day pictures and story so if you have something you would like to see in print please send it to me ASAP. Along those lines since the 2005 Field day is now history check into the new website (www.noars.net) for updates and new pictures. (And yes if you have any of them send them too).

Best 73 and CUL

John McKenna – *WD8IQJ* President NOARS
PO. BOX 432

Elyria, OH. 44036-0432

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

All constructive criticism is welcome!

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John ...

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 June 20th, 2005 Meeting

WD8IQJ JOHN N8PZD CLARK
 N8DIU GARY KC8POL BOB
 W8TAS TED KA8WMX TED
 K8JWS JOHN N8CX AL
 K8PJS PATRICK KB8IOM FRANK

**18 Members and guests
 were in attendance**

W8KYZ TOM KA8VTS DARLENE
 W8RWR JOHN WA8Q JACK
 KD8SC ROSE W8DJM DJ
 KC8ZZH RICH
 WD8BJY DOUG

Solution to Puzzle 0605

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HARNESSEXNVPIL
LIMYFAZPJIEETH
IFOSIOGNNALNU
OODLNDICYKAFEB
QUIETILINMACN
LESSPRNOEJSSO
GATEOGIGDRMEI
PQTILTAIAEOIIS
FWCEIRDRCPTUS
TDODEGIGQSPQI
MEDVFPGHAI RLM
CAABTASLDCLE
ENERGYFERRITE
    
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**!WOW!
 AN
 HT
 A
 HOUR!**

**COME
 TO
 NOARS
 FEST
 7/16/05**

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

PORTAGE HAMFAIR 2005 7/31/05

Portage County Fairgrounds
 Randolph, OH.
 Between Akron and Youngstown
 VE Exams – Contact Joann KJ3O (330) 274-8241

June 24 2005, Lorain, Ohio NOARS Members in the spotlight

A couple of OLD NOARS members sang The National Anthem at the opening of the 39th annual International Festival at the Black River Landing in Downtown Lorain, they were, Lynn, N8FQW Doug WD8BJY's Wife. And the son of Ed Maslinsky W8YHT Robert Maslinski. -- *Contributed by Ted W8TAS*

HAM "OH" RAMA 8/6/05

The Alladdin Shrine Complex
 3850 Seltzer Road Columbus, OH.
 Off I-270 Hours = 8 AM – 2 PM
 VE Exams – Seminars – Flea market
 Contact: Jim KB8KPJ – (614) 846 7790
 Indoors Are AIR CONDITONED

Silent –Key

Robert S. Stolarsky – WA8OBA

1924– 2005

Longtime NOARS member and supporter. VHF, Teletype and early computer enthusiast. WWII Naval Vet. Bob's Familiar face will be missed at all the hamfests.

WWW.NOARS.NET

That's us!

YOUR 2005

Field Day Crew
 More in the August NOARS log

Field Day Preliminary!

June 25-26 2005

La Grange, OH. - Carlisle Twp.

About a dozen or so NOARS members and friends met to set-up and operate the annual field day station(s) K8KRG and our GOTA affiliate N8CX. The weather was hot and humid and the bands were less than optimal but everyone there reported a good time! Good friends, good radio and it just don't get any better than this! Here's the preliminary numbers (subject to change after auditing)

Band	Raw Count	Band	Raw Count	Band	Raw Count
75	209	15	39	GOTA	200
40	50	10	3	Raw total QSO'S 564	
20	51	VHF	14		

K8KRG and N8OFS would like to thank ARS. K8ZIZ for lending a very nice 3 element yagi for the VHF station. This exemplifies the spirit and intent of the whole field day experience. Great job and thanks to every one. Look for the final formal report and story in the August NOARS log



YJW-OFS-JWS-PZD-PJS-VTS-IQJ-CX

Minutes of the June 20, 2005 Meeting
Submitted by: Darlene Ohman, KA8VTS

The meeting began at 7:40 p.m. with 18 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.

Repeaters: Clark Beckman, N8PZD, nothing new to report.

Sunshine: Rosemary Shook, KD8SC, a card was sent to the family of Bob Stolarski, W8OBA who passed away and flowers were sent to the family of Fred Collins, W8ADW, who also passed away.

USS Cod: Nothing to report.

Banquet: Pat Sweeney, K8PJS, nothing to report at this time.

Web Site: John Schaaf, K8JWS, asked if we should put in a silent key web page, one will be put together. If anyone wants to make a web page for the site just send it to John and he will put it in.

Old Business: Noars jackets: two places were contacted and it would cost from \$50 to \$70 per jacket. This will be looked into further.

New Business: The Constitution and By-Laws are being retyped. We will go over them at the July meeting.

Noarsfest: Al Moriarty will be setting up a Special Event Station. Rosemary Shook will be doing bingo and there will be ladies drawings. An HT will be given away at 9:00, 10:00, and 11:00 a.m.

The meeting was adjourned at 8:34 p.m.

Happy Birthday This Month To: AA8IN, WD8IQJ, N80FS, W8XD, KA8JMA, W8ANJ, KA8RHH, WD80FG

Warning – Warning -Tech Talk Follows You May Want To Avert Your Eyes!

Wow! At field day I introduced my "canned ham" project and it did great over 200 contacts on 75 made mostly with the "ham in the can" this is based on a chip-recorder. I designed and executed a very simple PTT circuit for my project that lets the box key the transmitter and speak its message and then returns control to the operator for a follow up. I used a WINBOND ISD1000A as the chip a 28 pin dip package. Since this chip is no longer available WINBOND makes a newer chip the ISD1212P which is more versatile and can be addressed so more than one message could be accessed! I think this would make a great project! Cost would be around \$50 to make (depending on your junk box). Easy to build (I did it after all)! Want to try one? I have circuits and plans ill make available! Let me know! If enough are interested we can make a group project. Email me or call wd8iqj@yahoo.com "Nothing works better than a home brew project no matter what!" *John*

**A Few Of The Callsigns Heard On The
NOARS Nets Wednesday and Thursdays nights
On The 146.700/100 Repeater In Elyria**

6-1 ~ 6-30

W8KYS W8QXF N8MPC WA8PKC KC8VCM
 KC8WXL KC8DUA W8ADV WD8OFG N8AKS
 W8TAS WD8IQJ W8KYZ KB8NEA KC8TBB
 KC8QYL W8DJM N8HDE KC8TYB K8AGW K8BLB

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 – 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!

CHINA (Also VR2) Jack, WB8FSV, informs OPDX that he and his family will visit China again this year, staying with his wife's family in Qinghai, China. From Qingdao, Jack will operate during his spare time as WB8FSV/BA4IT and WB8FSV/BD4JV from June 28th to July 27th. From July 28th to August 1st, Jack will be in Hong Kong, and he plans to operate a little from Charlie/VR2XMT's station as VR2/WB8FSV.

FO, FRENCH POLYNESIA Jim, WB2REM, will be operating from Vahine Island and Bora Bora (**OC-067**) as FO/WB2REM from July 24th through August 3rd. Operations will be on CW/SSB and on 40-10 meters as time permits. QSL via WB2REM. HI,

DOMINICAN REPUBLIC Franco, HB9OAB, will be active as HI7/HB9OAB from Punta Cana now through July 15th. Activity will be on 40-10 meters, the WARC bands included. QSL via his home callsign, direct or by the bureau.

IOTA NEWS

EU-042. Andy, DL7AT, will be active as DL7AT/p from Foehr Island (GIA N-17), July 3-9th. Activity will be on 40 and 20 meters SSB only

EU-045. Andrea "Andy"/IZ0EHO, member of the ARI Frascati DX Team, will be active as IB0/IZ0EHO from Ponza Island, between June 26th and July 9th. Activity will be on HF and 6 meters on SSB and the Digital modes.

EU-064. The Radio Club of Redon (F6KQC) will be active as TM5DUM from the Ile Dumet (DIFM AT-018), July 16-17th. This activity will also count for DFCF reference 44-028 for the French Castles Award, Departement de Loire Atlantique (44). Activity will be on all HF bands with 2 stations, one for CW and the other for SSB. They will also have one station for VHF phone. QSL via F5SRH.

EU-165. Sal, IK2MKE, will be portable /IM0 between July 24th and August 9th from San Macario Island (for the Italian Island Award CA-012). QSL via the bureau or by the info on (QRZ.com).

NA-052. The Marco Island Radio Club will be using the special callsign N4M to celebrate the founding of modern Marco Island (USI FL-025S and Collier County, Florida), July 1-10th. Activity will be on 14260, 18128 and 21260 kHz. QSL via N1DL: Karl Geng, 695 Embassy Ct, Marco Island, FL 34145.

NA-062. Paul, N3LTT, will activate various U.S. Islands in the Florida Keys, but primarily Key Largo (NA-062, USI FL-049S, Monroe County), between July 3-8th. There are no set times of activity, but his activity will be mostly in the early mornings and late evenings. Suggested frequencies are on 20 meters SSB (between 14250-14260 kHz). QSL direct to N3LTT, or eQSL.

NA-066. Tony, K1USC, will be active as homecall/6 from Santa Catalina Island (USI CA-016S and Los Angeles County, CA) with Boy Scout Troop 655 during their summer camp at Emerald Bay Boy Scout Camp, July 11-16th. Activity will be on 40-6 meters as time permits throughout the week. Look for scouts to make some contacts as part of their requirements for their "Radio Merit" badge. QSL via Tony's home callsign, direct or by the bureau.

NA-213. Operators Rebekah/WG4Y, Angela/WN4C, Truman/NN4C, Allan/KV4T and Bridget/KS4YT will be active from Dauphin Island (USI AL-002S and Mobile County, Alabama), July 16-17th. Activity will be on 80-10 meters CW/SSB

V3, BELIZE Look for Jimmy, W6JKV, to be active as V31IV between now and July 6th. His activity will be mostly on CW on 6 meters. Europe stations are to look for him on 50091 kHz and North America stations are to look for him higher up the band. Jimmy will also try to operate EME

VD2, CANADA (Zone 2) Pete, VE3IKV, plans to activate Zone 2 on 6 meters from Labrador (VO2) beginning early July. He will use the special callsign VD2X

YK, SYRIA Saad, N5FF, will once again be active as YK1BA between July 2-16th. He informs OPDX that the purpose of the trip is not a DXpedition, so his operating will be "very spotty and not extensive at all."

Please Note: This is only a SMALL part of:
OPDX Bulletin No. 715

LOG TO: 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.)

Contest Corner**July 1-4**

Canada Day Contest--CW/Phone--sponsored by the Radio Amateurs of Canada (RAC) from 0000Z-2359Z Jul 1. Frequencies: 160-10, 6 and 2 meters July 9-10

DL-DX-RTTY-Contest--RTTY/PSK--sponsored by the DL DX RTTY Contest Group (DRCG) from 1100Z Jul 2 -1059Z Jul 3. Frequencies: 80-10 meters

DARC 10-Meter Digital "Corona"--RTTY/AMTOR/FACTOR/PSK31/Clover 100Z-1700Z Jul 3

MI QRP Jul 4th CW Sprint--2300Z Jul 4-0300Z

July 9-10

IARU HF World Championship--from 1200Z Jul 9 to 1200Z Jul 10 July 9-10

WRTC-Style Team Challenge--runs concurrently with IARU HF World Championship. Two-operator teams follow WRTC-style rules in IARU Multi-Single category

FISTS Summer Sprint--CW, from 1700Z-2100Z Jul 10

QRP ARCI Summer Homebrew Sprint--CW, from 2000Z-2400Z Jul 10

July 16-17

North American RTTY QSO Party--sponsored by the *National Contest Journal* from 1800Z Jul 16-0600Z Jul 17. Frequencies: 80-10 meters, 100 W max.

CQ WW VHF Contest--all modes--sponsored by *CQ Magazine* from 1800Z Jul 16-2100Z Jul 17. Frequencies: 50 and 144 MHz bands, except 146.52 MHz (and other national simplex calling frequencies)

SEANET Contest--CW/SSB/DIGITAL, sponsored by the SEANET Convention, 1200Z Jul 16 - 1200Z Jul 17. Frequencies (MHz): CW - 3.525, 7.025, 14.025, 21.025, 28.025, SSB - 7.090, 14.220, 21.320, 28.320

CQC Great Colorado Gold Rush--CW--sponsored by the Coslorado QRP Club, from 2000Z-2200Z Jul 17. Frequencies: 20 meters only

Great Lakes Sweepstakes--Phone/CW/Digital, sponsored by the Michigan DX Association, from 0000Z Jul 23-2359Z Jul 24. Frequencies: 80-2 meters, including VHF FM

July 30-31

Flight of the Bumblebees--CW--sponsored by the Adventure Radio Society, 1700Z-2100Z Jul 31. Bumblebees are low power portable stations that walk, bike or boat to their sites and sign "BB" after their calls. Frequencies (MHz): 7.040, 14.060, 21.060, 28.060.

RSGB Islands-On-The-Air Contest--CW/SSB--sponsored by the RSGB from 1200Z Jul 30-1200Z Jul 31. Frequencies: 80-10 meters

NOTICE!

Al N8CX is our new 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.

(Look for BART on 444.8 soon)

K8KRG

Will be on as a special event station celebrating our 41st anniversary @ Noarsfest July 16 2005 8AM – NOON

7270 Khz. +/-

Come on out operate or just stop by for an "eyeball"

See our 2005 Field day GOTA station at work!

K8KRG/N8CX. With N8CX on the air! See the Attached NOARSFEST flyer for details and directions.

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.

W8TAS Ted (440) 365-8041 5/5

UNIVERSAL tilt-over aluminum tower 30ft call on price

W8EU Mike (440) 324-4574 3/5
 W8EU@QSL.net

ALPHA model 87-A Amplifier
 2000 Watts (Key down) 160 ~ 10M
 Auto - Tuning Lists \$7000 or Best offer

N8MPC Jim (440) 774-1275 3/5

BK model 2160 Oscilloscope
 60Mhz. Dual trace and time base
 2 new Probes, Manual & Schematic
 Asking \$350

WA8PKC Al (440) 309-5265 6/5

SEARS - CRAFTSMAN
 Garage Door Opener,
 Two Controllers, All Hardware,
 Brand New In Box
 Asking \$100

N8PZD Clark (216) 671-8795 6/5

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

MIDLAND 100w UHF fm Mobil
 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
 Batterv asking \$100

2005 NOARSFEST 2005

Lorain County Fairgrounds

Wellington, Ohio

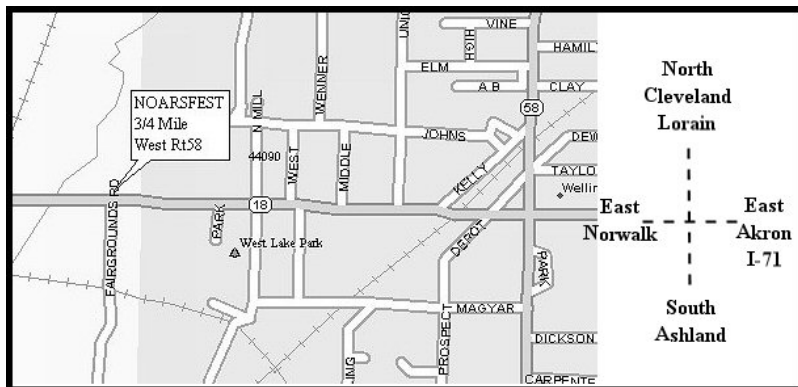
Saturday!

JULY 16 2005

8 AM. - NOON

Main Door Prize IC 706 MKII-G

WOW an HT an hour! XYL activitys WOW!



WD8IQJ John, (216) 544-5761 7/5

Cushcraft 5 Element 6M Beam (on ground) new hardware good condition\$50 will deliver (within 40 miles)

Sears (Konica) KS-1 35 MM SLR Camera Kit With: 28mm, 50mm, 135mm Telephoto, 80-200mm zoom/macro Lenses. (K-Mount) Vivatar 225 Flash Attachment, Filters, Leather Cases, Steady rest, Zip Case, Flex Trigger. All You need to get serious about 35mm (film) photography..... \$400

(will not separate)



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

Puzzle 0705**WORD LIST**

ARGON	KRYPTON
BARIUM	LEAD
BORON	MERCURY
CARBON	NICKEL
DUBNIUM	OXYGEN
EINSTEINIUM	SULFUR
FLUORINE	TIN
GOLD	URANIUM
HELIUM	XENON
IODINE	ZINC

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 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

Ham interests: _____

*Call sign of family member _____ Amount paid \$ _____

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

iqj/081804

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



Dated Material

THE NORTHERN
OHIO AMATEUR
RADIO SOCIETY

41

Years Serving
The Amateur Radio
Community

U.S.
Postage

Mailing Label

