



NOARS LOG

Our
44th Year
Serving The
Amateur Radio
Community

www.noars.net

The Newsletter of:
The Northern Ohio Amateur Radio Society

Welcome to NOARS country!

September 2008

NOARS Meetings Are Held
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. Elyria, Oh.
(Across from old Midway Mall)

SUN	MON	TUES	WED	THUR	FRI	SAT
	1	2	3 NOARS NET 9 pm. NCS: K8JWS	4 Tech NET 8 pm. NCS: WB3JVK	5	6
7 Findley Hamfest	8	9	10 NOARS NET 9 pm. NCS: WD8OFG	11 Tech NET 8 pm. NCS: W8KYZ	12	13
14	15 NOARS Meeting*	16	17 NOARS NET 9 pm. NCS: W8KRF	18 Tech NET 8 pm. NCS: W8KYS	19	20
21 Cincinnati Hamfest	22	23	24 NOARS NET 9 pm. NCS: WD8IQJ	25 Tech NET 8 pm. NCS: N8CX	26	27
28 Cleveland Hamfest	29	30	*The NOARS Meeting This Month Is At: The Elyria Red Cross Facility 2929 E. River Rd. Elyria, OH. Just North Of Midway Mall			

Editorial & Who To Contact	Pg 2	Contest Corner, DX and Got 6?	Pg 5
NOARS News (Please Read) - Upcoming Events	Pg 3	For Sale & Ad's Page	Pg 6
Picnic Pix & Happy Birthday to:	Pg 4	Puzzle 0908 -NOARS Mission Statement	Pg 7



The Northern Ohio Amateur Radio Society **K8KRG**



September, 2008 Volume 44 Issue 9

Welcome To N.O.A.R.S

←—————→
Summers End In NOARS Country!

Well it sure was a great one. And it's not done yet. I'm not going to ask if you have the antenna projects all done. I do that every year. Nor will I ask if you got that painting done or any of the million other chores you need to do before the snow flies. You all know what has to be done. And to be frank with you I really don't have a lot of witticisms to impress you all with. But what I want to do is say is that I am once again impressed by the great membership in this organization. Looking at what appeared to be a tough day at the *NOARSFEST08* I was pleasantly surprised to see all the volunteers who came out and made our hamfest one of the best in recent recollection. All be it attendance both in vendors and attendees were down, which was quite understandable given all the circumstances. It was truly a pleasure to be associated with that crew. And now that planning for *NOARSFEST09* is underway, look for a new face and new outlook for that event. I'll float a new name for it right now: "*NOARSFEST MK2*"! Just wait as that story unfolds.

While on reminiscing I can't forget the summer's premier operating event: *FIELD DAY!* After a quick change of location it took about 30 seconds for this well trained crew to adapt and once again put up respectable numbers all factors considered.

It seemed like this year was one of adapting to new stuff. There was a new layout at the hamfest, new field day site, new meeting location, and on and on. But one thing went off just as planned. It was the family picnic although at a new location. It went off without a hitch. However the burgers and weenies, buns and beverages just didn't "beam" out there it took a lot of planning and work, mainly by the club secretary Darlene "Dee Dee" Ohman, KA8VTS, a big huzza to DD for all her hard work. We can't forget Carl "Chef" Rimmer W8KRF and Ms Pattie who were the burger wranglers. and of course all the contributors who supplied all the covered dishes. What a lay out, I blew my blood sugar all out of whack for three days! But it was VERY worth it! What a way to go! And let's not forget the wandering violinist, as Sandy W8KYS fiddled while we enjoyed. One word for the whole affair: Enjoyable!

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

John McKenna – *WD8IQJ* Editor *The NOARSLOG*
Write: Editorlog2007, P.O. Box 35 Avon Lake, Oh. 44012
Or: E-Mail me at: wd8iqj@noars.net

Who's who at NOARS?

2008 Elected Officials

President: *N8PZD* Clark Beckman
Vice President *K8JWS* John Schaaf
Treasurer *W8KYZ* Tom Porter
Secretary *KA8VTS* Darlene Ohman

K8KRG License Trustee

W8EU Mike Willemin

Committee Heads for 2008

News Letter Production: *WD8IQJ* John (Editor)
W8KYZ Tom (Producer)
A.R.R.L. V.E.: *W8KYZ* Tom Porter
Education Committee: *K8JWS*, *W8KYZ*, *W8KRF*,
KB8MIS, *WA8UGC*
Property Manager: *WD8BJY* Doug Krucinski
DX Correspondent: *N8CX* Al Moriarty
Net operations Manager: *WD8IQJ* John McKenna
Hamfest Crew : *K8JWS* John Schaaf
N8PZD Clark Beckman
N8CX Al Moriarty
KA8VTS Darlene Ohman
Web Master@www.noars.net: *K8JWS* John Schaaf
Sunshine Committee: *KD8SC* Rosemary Shook
Repeater Upkeep: *N8PZD* Clark Beckman
Membership: *WD8IQJ* John McKenna
Elmer Corp. Representative *W8ADV* Ray Smith
NOARSGEAR: *W8KRF* Carl Rimmer

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 chews 9 pm local
NCS: *WD8IQJ* – *WD8OFG* – *K8JWS* – *W8KRF*
146.700 Thursday Technical discussion net 8Pm Local time
NCS: *W8KYS* – *W8KYZ* – *N8CX* – *WB3JVK*
All are welcome on NOARS nets!

There Was No Meeting In August. Please Turn To Page 4 To See What We Did Instead.
Roll Call Will Return Next Month!

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

Solution To Puzzle
0808

N.O.A.R.S. NEWS

Membership News

Callsign change:
KD8GXA Norm Miller is now W8NRM

September Nominations

It's that time again! Time to step up and be part of the team! NOARS needs YOU! You can do better? Prove it! Get involved! It's your club. You can make a difference. It's an easy gig with all the talent in this club all you have to do is sit back and direct the band! Come to the September 15th meeting and get your name on document below!

NOARS 2009 Officers

Official Ballot

For President:	<i>Your Call</i>	<i>Your Name</i>	
	<i>Your Call</i>	<i>Your Name</i>	
For Vice President:	<i>Your Call</i>	<i>Your Name</i>	
	<i>Your Call</i>	<i>Your Name</i>	
For Treasurer:	<i>Your Call</i>	<i>Your Name</i>	
	<i>Your Call</i>	<i>Your Name</i>	
For Secretary:	<i>Your Call</i>	<i>Your Name</i>	
	<i>Your Call</i>	<i>Your Name</i>	

Upcoming events

Have your event posted here!
Send copy to: NOARS Newsletter Editor. P.O. Box 35
Avon Lake, Oh. 44012 Or Email wd8iqj@noars.net -
Deadline Is Third Tuesday Of Each Month For The
Following Months Publication

September 7th

66th Annual Findlay Hamfest

Findlay Radio Club
Hancock County Fairgrounds - 1017 East Sandusky St.
Findlay, OH
<http://www.findlaywireless.com> - Talk-In: 147.15
Contact: Bill Gaines, AD8P
PO Box 587 - Findlay, OH 45839
Phone: 419-369-4400
Email: hamfest@findlayradioclub.org

September 21st

GCARA Hamfest 2008

Greater Cincinnati Amateur Radio Association
Diamond Oaks Career Development Center
6375 Harrison Avenue - Cincinnati, OH
<http://gcara.org> - Talk-In: 145.37(-600) & 146.88(-600)
Contact: Stan Cohen, W8QDQ
2301 Royal Oak Court - Cincinnati, OH 45237-2939
Phone: 513-531-1011 or 513-531-3834
Fax: 513-531-3834 - Email: stanco49@zoomtown.com

September 24th

Cleveland Hamfest & Computer Show

Hamfest Association of Cleveland, Inc.
Cuyahoga County Fairgrounds
164 Eastland Road Berea, OH
<http://www.hac.org> - Talk-In: 146.73 (PL 110.9)
Contact: William Beckman, N8LXY
c/o Hamfest Association of Cleveland, Inc.
PO Box 81252 Cleveland, OH 44181-0252
Phone: 800-CLE-FEST - Email: on Web site click email

Get Your NOARS Gear Now!

W8KRF Carl Has taken the reigns of the NOARSGEAR committee. Plans are in the works for new design hats, jackets and other good stuff. Already offered are Tee Shirts. See the sample on page six and get your name on the list. The minimum order is 25 shirts and as soon as that number is reached the order will be placed. DON'T be left off! There is a lot of interest in this one! Contact Carl W8KRF at w8krf@jamiewylie.com he needs to know your size, name (for the shirt) and callsign and of course the quantity wanted



**NOARS
2008
Family
Picnic**

Photos
Courtesy
W8KRF
More @

www.noars.net/photos

Top Left:
Sandy fiddles
Top Right
The Chef's
At work!

<< Left
Gary &
Angela arrive
Right >>
John Waiting
for the
burgers

(They were
worth it)

<< Left
Norm & XYL
Enjoying the
great evening

Right >>
Rosemary,
Harold and
Sylvia taking
it easy



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.)

KB8CQ - WB8TMR - N8PZD - KC8E - KB8FYB - KD8BBI

A Few Of The Callsigns Heard On The

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

August 6th ~ August 28th

N8ABD WD8ADE WD8ADG W8ADV K8AGW N8AKS N8AKS
KD8BBI KB8BBZ W8DJM W8FAN KC8FQV KA8GZA KA8GZE
WD8IQJ KD8JAN WB3JVK K8JWS W8KKK W8KRF W8KYS
W8KYZ VA3LL N9MBI N8MPC KB8NEA W8NRM WD8OFG
K8PGA WA8PKC KC8POL VA3QRM N8RVE K8RWC N8SIV
W8TAS K8TV KC8TYB AB8UB KE8UV KC8VFE N8VUB K8WRS
NC8X KC8ZMN

146.700 Has Two NOARS Nets For You!

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 - WD8OFG - N8CX - W8KRF - 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 W8KYZ WB3JVK K8JWS

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!**

Excerpted from
**OPDX
DX Bulletin
#872**

- **3A, MONACO** – Patrice, F5RBB, will be active as 3A/F5RBB between August 31st and September 10th. Activity will be on 40/20/15/10 meters. QSL via his home callsign.
- **40, MONTENEGRO** -- Operators Jorg/DL3NER, Walter/DG5NGI, Thomas/DG5NGI, Ivo/DL9MB, Heiko/DG8NGI and Hubert/DK9NCX will be active as 40/homecall between September 25th and October 4th. Activity is planned for 160-2 meters using CW, SSB, RTTY and PSK31. QSL via their home callsigns. For more details, see: <http://www.qrz.com/callsign/DK9NCX> PLEASE NOTE: The team states, "We do this DXpedition for the children who are ill with cancer (<http://www.stationregenbogen.de/>). So let's try to make them smile. We send out the QSL cards after our return from Montenegro. Further info on donating can be found at (QRZ.com)"
- **7Q, MALAWI** -- Ely, IN3VZE, will once again be active "Holiday Style" from the southwest shore of Lake Malawi between August 29th and September 11th. His callsign will be 7Q7CE, and he will be on all bands using SSB and the Digital modes. QSL card is "OK" via the bureau or direct to his home callsign IN3VZE: Ely Camin, Corso 3 Novembre 136/2, 38100 Trento, Italy.
- **8Q, MALDIVES** – Werner/DL1BKK and Gitte (Brigitte)/DL1BKI will be active as 8Q7KK from Kuramathi Island, Rasdu Atoll, Maldive Islands (AS-013, WW Loc. MJ64LG) between August 29th and September 17th. Activity will be holiday style (they are celebrating 40 years of marriage) using an IC-7000 with 100w into wire antennas and Quad Loop for 6m (if propagation permits). QSL via DL1BKK, direct or by the bureau. PLEASE NOTE: NO eQSL please! No upload to LoTW!
- **HB0, LIECHTENSTEIN** -- Operators Rainer/DL1ZBO, Tilman/DJ5BX, Thomas/DK9FEC Peter/DL1FX and Ekki/DF4OR will be active as HB0/DK9FEC during the CQWW DX RTTY Contest (September 27-28th) as Multi-Op entry. QSL via DK9FEC.
- **IOTA NEWS -- AS-045**. A team of 8 Korean operators will be active from Tok Island using a specially issued callsign D9D between September 13-18th. **EU-007**. A four man team will activate Ireland's most difficult IOTA, The Great Blasket Islands, between September 10-14th. EU-007 is quite rare and ranks amongst some of the most needed IOTAs throughout Europe. Activity will be on 80-10 meters using both CW and SSB. **EU-010**. Rob, DK1ROB, will be active as MM/DK1ROB from the Isle of Barra (IOSA OH-11, SCOTIA HI-02, WW Loc. IO66GX) between September 28th and October 3rd. Activity will be on 40-2 meters and 70cm using SSB, RTTY and possibly PSK63. EU-174. Laci, HA0HW, will be active as J48HW and SV8/homecall from Thassos Island, Greece (MIA: MG-124, GIOTA: **NAS-037**, WLOTA: 4186, Grid KN20hs) between August 30th and September 10th. Activity will be on the HF bands (mainly on 40/30/20/17 **NA-029**, George, K3GV, will be active as K3GV/VY2 from Prince Edward Island (CISA PE-001), between September 1-22nd. Activity will be on 20 and 15
- **TA0, TURKEY** -- Urcun, TA0U, informs OPDX that he will be active through the end of September in the following contests: YO DX HF Contest (August 30-31st), All Asia DX SSB Contest (September 6-7th) and Worked All Europe DX SSB Contest (September 13-14th).
- **ZD8, ASCENSION ISLAND (AF-003)** -- Steve, G3ZVW, will be active again as ZD8N from August 27th to September 11th. Activity will be on the HF bands using only 100 watts to dipoles. He will be mainly active during his evenings and the weekends using CW, SSB and RTTY. QSL via G3ZVW, direct or by the bureau.
- **ZS, REPUBLIC OF SOUTH AFRICA** -- Franz, DL3PS/HB9EHQ, will be active as ZS6/DL3PS in Johannesburg between August 25th and September 12th. His activity will be limited to his spare time because he is there on a business trip. However, look for him to be on 80-10 meters using CW, SSB and the Digital modes. QSL direct or via the bureau to HB9EHQ.

Please Note: This is only a *SMALL* part of: *OPDX Bulletin #872 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.)*

Operating Notes:

- Our 444.8 UHF Repeater Is Operating At Reduced Power Until Further Notice
- Our 145.15 VHF Repeater is undergoing on the air tests at a location on the West side of Cleveland at reduced power. Please feel free to try it out!

September CONTEST CORNER			MODE		
DATE	BANDS	NAME	PH	CW	DG
9/6	80-2	Ohio State Parks On The Air	X	X	X
9/7	80-20	North American Sprint		X	
9/13	80-10	WAE DX Contest	X		
9/13	VHF+	ARRL September VHF QSO Party	X	X	X
9/14	80-20	North American Sprint	X		
9/18	40-10	YLRL Howdy Days	X	X	
9/20	2.3GHZ	ARRL EME Contest	X	X	X
9/20	160-VHF	QCWA Fall QSO Party	X	X	X
9/20		Feld-Hell Monthly Sprint			X
9/22	2M	Fall VHF Sprint	X	X	X
9/27	80-10	CQ WW RTTY Contest			X
9/30	1.25M	Fall VHF Sprint	X	X	X
9/30	80/10	Fall QRP Home Brew Sprint		X	

Got 6 ?

Contributed By N8OFS Andy

DATE:SEP04-SEP18 2008
PJ2/LY4F(PJ2T)
GRID:FK52KG - FREQ:50.110USB
DATE1:SEP06 1600Z-2400Z 2008
OSPOTA
MODES:50.145USB+FM
(Look for N8OFS @ Findley State park)
FREQ:50.145USB+50.300FM
DATE1:SEP07 1800Z-SEP08 0300Z 2008
TENNESSEE QSO
MODES:50.195USB+FM
DATE1:SEP13 1300Z-SEP14 2100Z 2008
SOUTH CAROLINA QSO
MODES:50.125USB+FM
DATE1:SEP21 1300Z-SEP22 0700Z 2008
CX SEPT PHONE
MODES:50.125USB+50.300AM+52.525FM
DATE1:SEP23 1700Z-2100Z 2008
50 MHZ OPEN
MODES:USB+FM

WANT MORE 6 ?

Lots More September Activity Look Here:
Log to: <http://www.noars.net/got6/GOT6.txt>

For Sale & Advertisement's Page

All Submissions must be sent to wd8iqj@noars.net or sent to: P.O. Box 35 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 ad's at our discretion.

N8MPC Jim (440) 774-1275 8/8

- **Antique Radio Tubes**
(Various Types. Inquire For Price And Availability)

K8WHK Rich (440) 365-8754 1/8

- **HEATH HW-8** with heath power supply, manuals & MFJ-900 antenna tuner & carrying case - \$145
- **HW-8 Handbooks** by: Michael Bryce (WB8VGE) 1991,1994 & 2004 like new condition - \$15
- **QRP Quarterly Journals**
1988 - 2003 Free With HW-8 (above)

WANTED!

- One section of : **25G ROHN** Tower
(Must Be In Good Condition)

K8RWC RICH (440) 963-0015 8/8

- **MFJ 868 Watt Meter**
Giant Lighted Dial -
Reads peak & Average
power. 20/200/2000
scales

NOARS GEAR!

Show your stuff!

Get your TEE Shirt

Put your name on the list contact:

W8KRF Carl

w8krf@jamiewylie.com

(Send Size Name and Callsign)



Professionally Done.
Only \$15 get yours Now

It's that time again!

Time to review and update your ads
on this page!

Please let us know if your item(s)
are still available and if you want to
change anything!

Thanks ... 'IQJ

W8LZB Mike - Equipment Liquidation! 8/8

All Good Stuff All Good Condition!

To Make A Reasonable Offer Contact:

W8KYZ Tom (440) 930 9115

- **KLM 440-16 X-Yagi** (New)
\$.40.00
- **Micronta Vacuum Tube**
Voltmeter, Model 22-025, \$15.00
- **Hustler 2 Meter mobile** (clamp on)
antenna with 21 ft. coax,
\$20.00.
- **Fox Vixen II** super heterodyne
radar detector. \$15.00
- **Datong Model D70** morse code
tutor. \$10.00
- **Pyramid Gold Series power**
supply, Model **PS-4K**, 3 amp (4
amp surge), 13.8 volt, \$20.00.
- **Optoelectronics Model OPTO-**
7000 frequency counter (10hz. -
550 MHz.)
\$25.00.
- **MFJ -313** VHF converter for HT"s.
\$5.00.
- **OPTIMUS model 12-1869B** 40
watt stereo power booster, DC 12V.
\$5.00.
- **Power supply** 12 VDC/1.7 amp.,
\$10.00.

W8TAS Ted (440) 365-8041 10/7

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

KA8VTS Darlene (216) 398-8858 8/7

LOWERY Magic Genie -

Contempo - 80 Electronic Organ

- Double Keyboard
- Full Bass
- Leslie Reverb
- Bench Seat, Music ++

Excellent condition! Must P.U.

\$200 O.B.O

NOARS HAS FOR SALE!

New from ARRL

- Level 1, Technician Ham
Radio License Manuals for
sale.
Price \$19.00.
- Instructors Manual for
Technician Class License
courses.
Price \$12.00.

All prices below dealer list!

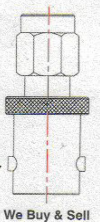
Contact : **W8KYZ**, Tom,
440-930-9115.

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

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

PUZZLE 0908	
WORD LIST	
CAVITY	FILTERS
CONTROLLER	HELICAL
CTSS	MODULATOR
DECODER	MULTIPLIER
DOUBLER	OVEN
DTMF	POWER
DUPLEXER	RECIEVER
ENCODER	REPEATER
EXCITER	TRANSMITTER
FEEDLINE	TRIPLER
<p>ARE THERE MORE? Want To See Your Word List Here? Send it in! I'll use it ASAP!</p>	

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 Red Cross facility, 2929 West River Rd. (just South of Detroit (Rt. 254)) in Elyria, OH.
- The meeting are open to the public. And all are welcome. Tune to the 9 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 heard 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 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.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 P.O. Box 35 Avon Lake, Oh. 44012

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 _____

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