



# NOARS LOG

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

www.noars.net

The Newsletter of:  
**The Northern Ohio Amateur Radio Society**

## Welcome to NOARS country!

# May 2009

NOARS Meetings Are Held at the  
American Red Cross Building in Elyria  
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              |
|-------------------------|--|------|---|---------------------------------------|--------------|------------------|
|                         |  |      |   |                                       | 1            | 2                |
| 3                       | 4  | 5    | 6<br>NOARS NET<br>9 pm.<br>NCS: WD8ADE  | 7<br>Tech NET<br>8 pm.<br>NCS: WB3JVK | 8            | 9                |
| 10                      | 11                                       | 12   | 13<br>NOARS NET<br>9 pm.<br>NCS: WD8OFG | 14<br>Tech NET<br>8 pm.<br>NCS: W8ADV | 15<br>Dayton | 16<br>Hamvention |
| 17<br>VE Testing<br>1PM | 18<br>N.O.A.R.S.<br>MEETING<br>7:30 P.M. | 19   | 20<br>NOARS NET<br>9 pm.<br>NCS: W8WFQ  | 21<br>Tech NET<br>8 pm.<br>NCS: K8RWC | 22           | 23               |
| 24                      | 25                                       | 26   | 27<br>NOARS NET<br>9 pm.<br>NCS: W8KRF  | 28<br>Tech NET<br>8 pm.<br>NCS: N8CX  | 29           | 30               |
| 31                      |  |      |   |                                       |              |                  |

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



May, 2009 Volume 45 Issue 5

## Spring has sprung...

Spring has sprung...right into summer. Wasn't that hot weather nice though? Alas, we are back to April weather as I sit here at Savor the Moment again enjoying Cleveland's Best Coffee. It has cooled off considerably and is raining. In no time all the flowers will be blooming and the trees will be full of their greenery.

I had an antenna party at my QTH on Saturday, April 25. Thanks to Steve WB3JVK, Mark W8FAN, Clark N8PZD, Harold WD8OFG, Alex N8QL, Keith KD8GXL, Bob WD8JJU, and Al N8CX I have all my aluminum up in the air. Bob took lots of pictures and I videoed a little of the process.

On Sunday, April 26, several of our members met at the Field Day site to finalize plans. At this point in time, we intend to be in class 6A unless we find someone who would like to operate on 70cm which will take us to 7A. See the summary of that meeting on page 3 of this newsletter.

A few days have elapsed since I started this editorial; I am now at the VA Medical Center amateur radio station WA8VA. I volunteer here as an operator each Monday. What a nice station. In spite of all this fine equipment and an antenna location that many of us would kill for, the bands are in horrible condition. I have been on 20 and 40 meters this morning and have only made a few Q's. I think we are all dreaming of the days when we were at the top of the sunspot cycle. Will those days ever return? It seems just when we think we are on our way up out of the trough, we find we are still on the down side.

Speaking of the ham station here, if anyone is ever interested in visiting or even becoming a volunteer operator, let me know. At this time, the station is only being manned three days a week. We would like to see it open for five days each week.

So, this is it for this month. Keep both Field Day and NOARSfest in your mind as both events are rapidly approaching.

Best 73 and CUL....

**Carl**

Carl Rimmer – W8KRF Acting Editor of the NOARSLOG  
Write: Editorlog2009, 161 Herrmann Drive, Avon Lake, OH.  
44012

Or: E-Mail me at: w8krf at noars dot net

## Who's who at NOARS?

### 2009 Elected Officials

President: W8KRF Carl Rimmer  
Vice President: N8CX Al Moriarty  
Treasurer: W8KYZ Tom Porter  
Secretary: KA8VTS Darlene Ohman

### K8KRG License Trustee

W8EU Mike Willemin

### Committee Heads for 2009

Newsletter Production: WD8IQJ John (Editor)  
W8KRF Carl (Asst Editor)  
W8KYZ Tom (Producer)

A.R.R.L. V.E.: W8KYZ Tom Porter  
W8KRF Carl Rimmer

Education Committee: W8KYZ, W8KRF, WB3JVK  
Property Manager: WD8BJY Doug Krucinski  
DX Correspondent: N8CX Al Moriarty  
Net operations Managers: WD8IQJ John McKenna  
WD8OFG Harold Drake

Hamfest Crew: KA8VTS Darlene Ohman  
N8CX Al Moriarty  
N8PZD Clark Beckman

Web Master@www.noars.net: K8JWS John Schaaf  
W8KRF Carl Rimmer

Sunshine Committee: KD8SC Rosemary Shook  
Repeater Upkeep: WB3JVK Stephen Robbins  
N8PZD Clark Beckman

Membership: WD8IQJ John McKenna  
Elmer Corp. Representative: W8ADV Ray Smith

## NOARS IS ON THE AIR!

### Weekly Nets:

146.700 Wednesday Night Rag chews 9 pm local  
NCS: WD8OFG – WA8ADE – W8KRF – W8WFQ –  
KD8GXL

146.700 Thursday Technical discussion net 8Pm Local  
time NCS: W8KYZ – WB3JVK – N8CX – K8RWC  
All are welcome on NOARS nets!

**Roll Call: April 20th Meeting:***19 members and guests in attendance*

|        |        |       |        |       |
|--------|--------|-------|--------|-------|
| W8FAN  | WD8OFG | N8HDE | KD8JJU | W8ADV |
| KD8JKE | WB3JVK | N8RVE | W8TAS  | W8WFO |
| WD8ADE | N8PZD  | NC8E  | W8GWD  | AF8B  |
| KD8KAA | KA8VTS | N8CX  | W8KRF  |       |

**N.O.A.R.S. NEWS****Membership News**

A **Field Day Planning meeting** was held on Sunday, April 26 at Indian Hollow Reservation. In attendance were Al, N8CX, Andy N8OFS, Dave K8WRS, Steve WB3JVK, Mark W8FAN, Dick KC8VFE, Bob KD8JJU (and his XYL), Dee-Dee KA8VTS, Keith KD8GXL, Clark N8PZD, and Carl W8KRF. We concluded that there will be stations on 160/15M SSB, 75M/10M SSB, 40M SSB, 20M SSB, 6M, 2M. If someone would like to operate a 70cm station, please advise Al N8CX or Carl W8KRF. We will also have stations operating on 20/40/80M CW and 80/40/20/15M Digital. These do not count as stations for the ARRL designation. There will be two generators. A link to the site layout is available on the website ([www.noars.net](http://www.noars.net)) on the Field Day page.

Tom W8KYZ sent me an interesting quote by Henry Ford: "Asking 'Who ought to be boss?' is like asking 'Who should be tenor in the quartet?' Obviously, the man who can sing tenor."

**Hamfests and more...**

## 2009 Dayton Hamvention

May 15, 16 & 17

ARRL National Convention

[www.hamvention.org](http://www.hamvention.org)

**Special Events:**

**May 8-May 25, 1500Z-0300Z** Indianapolis, IN  
Indianapolis Motor Speedway Amateur Radio Club  
W9IMS

93<sup>rd</sup> running of the Indianapolis 500

21.340, 14.240, 7.240, 3.840 MHz

QSL and certificate; see [www.w9ims.com](http://www.w9ims.com)

**May 15-May 17, 1300Z-1700Z** Dayton, OH  
W1AW/8 Dayton Hamvention and ARRL National  
Convention. 147.55, 28.470, 25.050, 14.270, 14.050,  
7.227, 7.050 MHz [www.hamvention.org](http://www.hamvention.org)

**May 15-May 17, 1000Z-0000Z** Dayton, OH  
Feld Hell Club, W8H Promoting digital mode—  
Hellschreiber at Dayton Hamvention. 21.074,  
14.074, 10.136, 7.074 MHz. [www.hamvention.org](http://www.hamvention.org)

**Minutes of the April 20, 2009 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 not in attendance.
- **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, the class is over. We have (3) three new generals in the club they are: Julie Wilmer, WD8ADE, Frank Reese, KA8JKE, and Keith Cook, KD8GXL. Congratulations to all of them. If you know anyone who want to take a tech class let me know. If we have enough people interested we can set up a class in the fall.
- **Newsletter and Membership:** Carl Rimmer, W8KRF, Dee Dee and I went to see John; WD8IQJ on Friday is doing a lot better. If you get a chance give him a call or go and see him. Keep him in your thoughts and prayers. Membership, we have 95 members at the present time.
- **Nets:** Harold Drake, WD8OFG, everything is going well. If anyone is unable to run the net on their appointed night they need to get someone else to do it or call me and let me know.
- **Sunshine:** Rosemary Shook, KD8SC, was not in attendance, but she is doing better. Ted Shook, W8TAS, did not know of anything to report.
- **Web Site:** Carl Rimmer, W8KRF, I try to keep it up to date.
- **DX:** Al Moriarty, N8CX, there are weekly emails of DX bulletins out there that you can get. Right now the sun is the quietest since 1913. We are over two years away from the start of cycle 24.
- **Repeaters:** Steve Robbins, WB3JVK and Clark Beckman, N8PZD, the 515 linking system have been working.

**Old Business:**

- **Field Day:** Al, N8CX, we are having a meeting at the site on Sunday, April 26<sup>th</sup> at 1:00p.m. Everyone who is going to set up a station should come to the meeting.
- **NOARSfest:** We are going to be sending out postcards sometime in May. There is no staying overnight, but you can park there overnight. We are going to need help for ticket sales, directing traffic, etc.
- **Technician Class Manuals:** Tom Porter, W8KYZ, the technician license test will change on June 30, 2010, if you know anyone who wants to get started in ham radio and needs a Technician Class Manual we have some manuals left and we will sell them for \$5.00 each.
- **Club Property:** Carl Rimmer, W8KRF, if anyone knows where any of our club property is located, please let me know.
- **Testing:** If you are going to take a test, you must have picture identification; if you do not have picture identification you can not take the test.

The meeting was adjourned at 8:30 p.m.

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

*April 1- April 23*

**WD8ADE-WD8ADG-W8ADV-K8AGW-KB8BBZ-  
 N8CX-W8FAN-W8GET-KD8GXL-W8IJG-KD8JJU-  
 KD8JKE-WB3JVK-KD8JRH-KD8KAA-W8KRF-  
 W8KYS-W8KYZ-W8NRM-WD8OFG-K8PGA-  
 WA8PKC-K8RWC-W8TAS-KC8VFE-W8WFQ-  
 K8WRS-KC8YYS**

**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: WD8ADE – WD8OFG – W8WFQ – W8KRF - KD8GXL

**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 – K8RWC

**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!

- **5H, TANZANIA** Operators Hermann/DL2NUD and Joachim/DL9MS are planning to be active as 5H1HP and 5H1MS, respectively, from Zanzibar, between May 16th and June 2nd. Activity will be on the HF bands and 6 meters, but an emphasis will be on VHF (EME/MS). Grid squares to be activated are: KI93RU and KI94RA.
- **8Q, MALDIVES** Hiroshi, 7M2VPR, is now active as 8Q7HN. Length of his operation is unknown at this time. He was spotted Sunday on 15 meters SSB -- between 0530-0800z on 21235 kHz and 1300-1330z on 21244 kHz. QSL via 7M2VPR.
- **8R, GUYANA** The 6 Meter Beacon Project, Inc., is happy to announce a HF-50 MHz DXpedition here between June 16th and July 6th. Antenna for 6 meters will be a 6M7JHV yagi at 45 ft. on the Atlantic Ocean pointed towards EU and NA, and using a 3CPX800A7 amp. Activity will be split between two teams: 11 days will be by Chris/W3CMP and Dave/N3DB, the other 11 days by Terry/K4RX and Ken/AC4TO. They hope to get some decent openings to, amongst other places, Northern EU, 5B/4X and W6/W7. They expect to have internet access most of the time. Operating frequencies and Web site will be announced at a later date.
- **AN8, CANARY ISLANDS** Operators Luis/EA8AY, Jeronimo/EA8NC, Pedro/EA8QP and Juan/EA8TT will use the special callsign AN8R during the CQWW WPX CW Contest (May 30-31st) as a Multi-Multi entry. QSL via EA8AY. Visit the special AN8R Web page at: [http://www.ea8ay.com/an8r\\_wpx/](http://www.ea8ay.com/an8r_wpx/)
- **AX, ANTARCTICA (Special Callsign)** Bob, VK0BP, currently employed by the Australian Antarctic Division as a Communications Tech from Davis Base Station (WABA VK-03, WAP AUS-03, IOTA AN-016), Antarctica, will be using the special callsign AX0BP on April 25th, to celebrate ANZAC Day. ANZAC Day is a national public holiday to commemorate and honor the members of the Australian and New Zealand Army Corps (ANZAC) who fought at Gallipoli in Turkey during World War I. This holiday is observed by Australia and New Zealand, as well as the Cook Islands, Niue, Samoa and Tonga. Bob can only use this callsign from midnight to midnight (local time -- Davis is +7 hrs UTC). However, Bob will not be able to operate the full 24 hours but will do his very best to operate as long as possible that day. Australian operators can only use the AX prefix just 3 times per year -- Australia Day (January 26th), ANZAC Day (April 25th) and World Telecommunications Day (May 17th). QSL via VK2CA, direct only (2 USDs and a SAE is preferred).
- **HI, DOMINICAN REPUBLIC** Ronny, OT4R, will be active as HI7/OT4R from Punta Cana between May 9-30th. Activity will be on 20/15/10 meters SSB. Suggested frequency for 20 meters maybe 14300 kHz. QSL via OT4R.
- **IOTA NEWS: AS-077.** (Special Event) Look for 8J6SL to be active from the Kumamoto Museum between May 1st and October 31st, to celebrate the 100th anniversary of Hisatsu (Railroad) Line (Steam Locomotive) on the **Island of Honshu** (JIA AS-077-001). Activity will be on all bands and modes. Possibly 5 stations will be on the air. QSL via the JARL Bureau. **EU-189.** (Update) A Belgian team of five operators will attempt a landing on **Rockall Island** between April 30th and May 1st. They will be on the air with two stations using the callsign MMORAI/p for about 48 hours. A report from the "Maciverblog" indicates that they are "hoping to achieve a world first by shooting a video on the rock, more than 240 miles west of mainland Scotland, and streaming it live on the internet on each of the three days they plan to spend there. A Scottish cameraman is also going to be in the landing party and, if conditions are good and the technology works, hopes are high of the first live TV news broadcast from the rock. Rockall, the summit of an ancient volcano, stands about 60 feet above the Atlantic. Landing on the rock is very difficult as it is steep even on its easiest side. The area is infamous for its high seas and very changeable weather throughout the year." Read the complete blog by journalist Iain Maciver at: <http://maciverblog.co.uk/2009/04/15/belgian-hams-bid-to-broadcast-from-rockall/>. Also, check-out the Rockall Web site for latest news and last minute updates at: <http://www.rockall.be> **SA-021.** Members of the Radio Club Grupo DX Bahia Blanca will be active as L21D from **Ariadna Island**, located 70km south of Ingeniero White Harbour, in the natural reserve of Bahia Blanca, May 1-3rd. Activity will be on 80-10 meters using CW, SSB and PSK. QSL as per operator's instructions.
- **S2, BANGLADESH** By the time you read this Ramon, DU1UGZ, is expected to be active as S21UGZ from Dhaka City until June 20th, depending on his work schedule. He will be using a low band dipole at first, so his emphasis will be on 80/40 meters SSB and RTTY. From May through June, he will be using a beam for 10, 12, 15, 17 and 20 meters. He hopes to have a linear in use starting in May as well. QSL via DU1UGZ.
- **V63, MICRONESIA** Operators Shoji/JA7HMZ (V63DX) and Masayuki/JH7IOS (V63CW) will be active from Pohnpei Island (OC-010) between May 11-16th. Activity will be on 40-6 meters using CW and SSB. QSL via their home callsigns.

Please Note: This is only a SMALL part of: OPDX Bulletin #905 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.)

| MAY'S CONTEST CORNER |        |                                 | MODE |    |    |
|----------------------|--------|---------------------------------|------|----|----|
| DATE                 | BANDS  | NAME                            | PH   | CW | DG |
| 5/2-5/3              | 10M    | 10-10 Spring CW & Digital       |      | X  | X  |
| 5/2-5/3              | 160-10 | Indiana QSO Party               | X    | X  |    |
| 5/2-5/3              | 80-    | Radio Club of America QSO Party | X    |    |    |
| 5/9-5/10             | 160-10 | Armed Forces Comm Test          | X    |    | X  |
| 5/9-5/10             | 160-10 | CQ-M Int'l DX Contest           | X    | X  |    |
| 5/16-5/17            | 80-10  | EU PSK DX Contest               |      |    | X  |
| 5/16-5/17            | 80-10  | All America Contest             |      | X  |    |
| 5/26-5/26            | 160-10 | MI QRP Memorial Day CW Sprint   |      | X  |    |
| 5/30-5/31            | 80-10  | CQ 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

C21TI  
DATE: MAY03-MAY17 2009  
OPRS: TEAM  
QSLM: EA4ATI (DANI)  
FREQ: 50.115USB  
URL: <http://c21ti.madrono.net/>

**WANT MORE 6?**

Log to: <http://www.noars.net/got6/GOT6.txt>

## For Sale & Advertisement's Page

All Submissions must be sent to [w8krf@noars.net](mailto:w8krf@noars.net) or sent to: 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.

**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

### Phil's Ham Radio Store

Ham Gear – Accessories  
512 Broadway, Ste 103  
New Haven, IN. 46774  
(888) 562-8927  
Fax (260) 399-6230

Email: [sales@philshamradiostore.com](mailto:sales@philshamradiostore.com)  
Web: [www.philshamradiostore.com](http://www.philshamradiostore.com)

**W8TAS** Ted (440) 365-8041 6/09

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

**W8KYZ** - Tom (440.930.9115) 6/09

- **Micronta SWR/Power Tester-Meter.** 20W/200W/2000W. 50 Ohm. Model 21524 (3 - 30 MHZ)...**\$15.00.**
- **Power Supply.** 12V DC 1.7 Amp...**\$8.00.**
- **World Radio Lab. "Globe Scout" 75 Watt CW Transmitter. Model 90.** With Instruction Manual...**\$40.00.**
- **Whisper Fan by Rotron Inc.** Model WR2HI 115V 50/60 HZ. 4 1/2" X 4 1/2 X 2" High....**\$5.00**
- **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.**
- **Optimus Model #12-1869B,** Radio Shack 40 WATT Stereo Power Booster...**\$5.00.**
- NOARS has several **ARRL Technician Study Manuals** which are valid for another year...**\$15.00** (\$24.95 from ARRL)

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



**K8PGA** – Paul (330-666-9637) 9/09

**Radio Shack Pro-51 Scanner...**Make an offer

### ESTATE OF N8MPD, RUDOLPH STARR, OBERLIN, SK.

YASEU FT-101ZD \$250

YASEU FL-2100 LINEAR (1.2 KW SSB) \$400

YASEU YC-601 DIGITAL DISPLAY

SPECTRONIC DIGITAL DISPLAY, DD-1 (FOR FT 101E)

RADIO SHACK HTX-242, 2 METER MOBILE, WITH BRACKET.

ASTRON RS-35M POWER SUPPLY. \$120.

YASEU FT-5100 DUAL BAND MOBILE TRANSCEIVER. 2 M. 50/5 WATT; 70 CM. 35/5 WATT.

YASEU FTV-250 TRANSVERTER (2 METERS)

YASEU MODEL 500 (WATT/SWR METER)

YASEU FT 101E

DENTRON MT-300A ANTENNA TUNER

RADIO SHACK HTX-204, 2 METER HT.

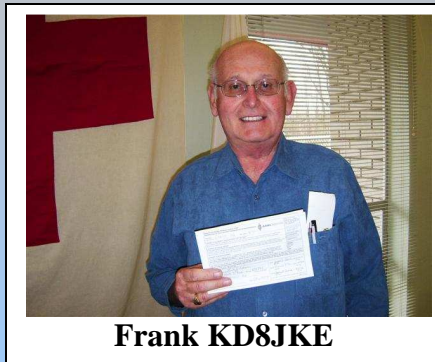
YASEU FT-227 MEMORIZER. 2 M TRANSCEIVER.

**CONTACT JERONE STARR, 440.258.2825**  
for information and/or prices of unmarked items

The NOARS sponsored General class is completed. The VE Testing session on April 19 at the Red Cross garnered us three new General Licensees.



**Julie WD8ADE**



**Frank KD8JKE**



**Keith KD8GXL**

**Congratulations!**

### 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 meetings 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..
- 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, 161 Herrmann Drive, Avon Lake, OH 44012**

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



THE NORTHERN  
OHIO AMATEUR  
RADIO SOCIETY

45

Years Serving  
The Amateur Radio  
Community

U.S.  
Postage

Dated Material

Mailing Label



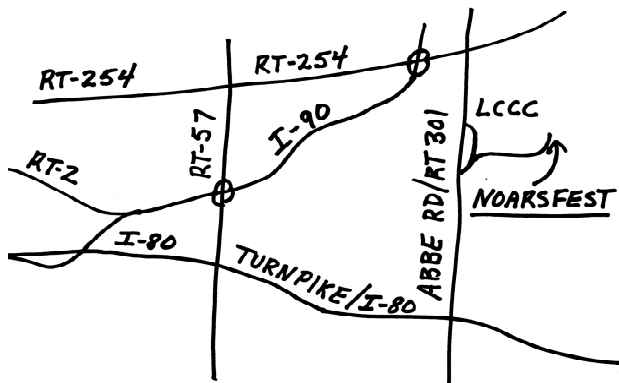
# NOARSFEST 2009

Saturday, July 18, 2009

## NEW LOCATION



**The Spitzer Conference Center @  
Lorain Community College  
1005 N. Abbe Rd, Elyria, OH**



### Air Conditioned Indoor Exhibits

Admission STILL only \$6.00! Indoor Table only \$10.00! Flea market space STILL only \$5.00!  
Get your reservations in early so we can get you the best table configuration! Contact info:  
Table Reservations Manager: Darlene Ohman, KA8VTS - secretary2009 at noars dot net  
For more info go to [www.noars.net](http://www.noars.net)

Talk-in/Check in: 146.70 - PL 110.9  
Setup 6-8AM; Public Admission 8AM