



# NOARS LOG

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

www.noars.net

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

## Welcome to NOARS country!

# July 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
1	2	3	4 NOARS NET 9 pm. NCS: K8JWS	5 Tech NET 8 pm. NCS: W8KYZ	6	7
8	9	10	11 NOARS NET 9 pm. NCS: WD8OFG	12 Tech NET 8 pm. NCS: W8KYS	13	<b>14<sup>TH</sup></b> <b>NOARSFEST</b> <b>WELLINGTON</b> <b>OHIO</b>
15 VE Exams	16 NOARS MEETING 7:30 pm	17	18 NOARS NET 9 pm. NCS: WD8IQJ	19 Tech NET 8 pm. NCS: W8KYS	20	21
22 Van Vert Hamfest	23	24	25 NOARS NET 9 pm. NCS: N8CX	26 Tech NET 8 pm. NCS: W8KYS	27	28
29 Portage Hamfair	30	31	<b><u>NOARS nets are open to ALL!</u></b> Tune 146.70 VHF or 444.800 UHF			

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# The Northern Ohio Amateur Radio Society

## K8KRG

### July, 2007 Volume 43 Issue 7



## Welcome To N.O.A.R.S

Well as usual field day was a great success although bands were in bad condition a good time was had by all. Most operating positions reported poor propagation but good weather and good fellowship prevailed and all had a relatively enjoyable time. The larger more detailed report will follow in future issues of this newsletter. But once again, the real success behind the event were the people involved. And here at NOARS we have the best people in my opinion. And that makes this event a no brainer and always successful. The club station made its debut and operations there and was enjoyed by many of the members. Here's a list of who you missed if you didn't make it out to the event:

#### List Of Operators, Loggers And Helpers

WD8OFG	K8RWR	N8OFS	N8KJG	W8KRF
N8PZD	KA8VTS	WD8IQJ	W8KYZ	KD8GKA
K8WRS	KC8VFE	N8WPW	KC8BQO	KD8FTP
KC8TMZ	N8CX	KC8POL		

Many thanks to all of the above from all of us at NOARS. Once again showing what the club is made of. (only the best)

Well its that time again. Time for one of the premier summer events. The 2007 NOARSFEST! Again with fuel prices soaring it's important that we get the most of our travel expenses. And what better way to do so than to grab some friends and take them out to the Fairgrounds in Wellington for a swell day in the sun and fresh air. Mix in a great flea market and deals at the vendors. A great qso pavilion. And even a special event station (on six meters no less!) how can it possibly get any better than that? Answer? It just can't. if you are going to any of the big summer hamfests NOARSFEST is the one you need to go to! Look for me to be there.

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

John McKenna - WD8IQJ President NOARS

Write: President 2007, P.O. Box 35 Avon Lake, Oh. 44012

Or: E-Mail me at: [wd8iqj@noars.net](mailto:wd8iqj@noars.net)

## Who's who at NOARS?

### 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 2007

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 : W8KYZ Tom Porter  
N8PZD Clark Beckman  
N8CX Al Moriarty  
KA8VTS Darelene 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

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 - W8KYZ - WD8OFG - N8CX - WA8Q - K8JWS  
146.700 Thursday Technical discussion net 8

Pm

Local time

NCS: W8KYS

Roll Call Of The June 18<sup>th</sup> Meeting

K8RWR - John	N8CX - Alan	<i>23 Members Or Guests Present</i>	WD8OFG-Harold	W8TAS-Ted
W8KRF - Carl	K8JWS - John		KC8POL - Bob	KA8VTS-Darlene
KD8BBI - Bill	KB8MIS - Richard	WD8IQJ-John	AF8B - Don	W8GWD - Joe
KC8BQO - Ken	WA8Q - Jack	K8HLJ - George	N8DIU - Gary	KC8VFE - Dick
KA8OYE - George	KD8SC - Rosemary	K8PJS - Patrick	KD8GJZ - Rich	KD8GKA Mark

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

Solution To Puzzle 0607

## 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](mailto:wd8iqj@noars.net) -  
 Deadline Is Third Tuesday Of Each Month For The  
 Following Months Publication

**July 14<sup>th</sup>**  
**NOARSFEST 2007**  
 Lorain County Fairgrounds - Wellington Oh.  
 (just west of Rt58 on Rt.18)  
 Contacts: Table Reservations Darlene Ohman KA8VTS  
 (216) 398-8858  
 General Information Tom Porter W8KYZ  
 (440) 930 9115  
<http://noars.net/hamfests/NF.htm> - Talk in: 146.70  
 Gates open 8am - Vendor Setup 6am

**July 22<sup>nd</sup>**  
**Van Wert ARC**  
 Van Wert County Fairgrounds1  
 1055 South Washington Street (US Route 127 South)  
 Contact: Louie Thomas, WD8LLO  
 208 North Chestnut Street  
 Van Wert, OH 45891  
 Phone: 419-238-2812  
<http://www.w8fy.org> - Talk-In: 146.250 / .850 repeater

**July 29<sup>th</sup>**  
**Portage Hamfair 2007**  
 Portage County Fairgrounds  
 4215 Fairgrounds Road Randolph, OH  
 Contact: Joanne Solak, KJ3O  
 9971 Diagonal Road Mantua, Ohio 44255  
 Phone: 330-274-8240 - Fax: 330-274-8527  
 Email: KJ3O@arrl.net  
<http://www.hamfair.com> - Talk-In: 145.39 MHz

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

**Membership News!**  
 Congratulations To:

- Mark Bally's New Call = KD8GKA
- KD8GJZ Rich Cervilli – New Member

Welcome Back To :

- K8PJS Patrick Sweeney - Renewal

**Just A Reminder!**  
**NOARSFEST 2007**

Has Moved to the SECOND Saturday In July This Year!

**July 14<sup>th</sup>**  
 See You At The Hamfest!

**Help Wanted !**

Net Control Station for the Thursday night tech net. No experience necessary. Give Sandy W8KYS a break. Split the load! Take every other week! Contact John WD8IQJ or Sandy W8KYS if you want to join in the fun

**Field day 2007**

Too soon to tabulate the results! Look for an in detail report in the upcoming issues of the log!  
 Suffice to say a good time was had by all! And kudos to KC8TMZ Sylvia who fed us like kings!!!!

**Minutes of the June 18, 2007 Meeting**  
**Submitted by: Darlene Ohman, KA8VTS**

The meeting began at 7:30p.m. with 23 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.

**Educational Committee:** John Schaaf, K8JWS, we are taking a break for the summer. We are considering having a general class in the fall.

**Newsletter and Membership:** John McKenna, WD8IQJ, everything is going well.

**Nets:** John McKenna, WD8IQJ, the nets are going along very well. We still need some help on the Thursday night Tech Net. Tom Porter is doing the first week, but we could use someone on the third week. If you would like to try it please contact me.

**Sunshine:** Rosemary Shook, KD8SC, nothing to report.

**Web Site:** John Schaaf, K8JWS, we have something new and it is from Andy, N8OFS. It is called Dot 6 and is a listing of 6 meter DX.

**DX:** Al Moriarty, N8CX, Scarborough, VF7H, will be operating for about 7 years. We are in a 12 year cycle.

**Repeater:** Clark Beckman, N8PZD, not in attendance.

**Old Business:** We had a request from the American Cancer Society in Cleveland; they need some amateur radio operators to provide communication for the Pan Ohio Hope Ride scheduled for August 9<sup>th</sup> through the 12<sup>th</sup> of this year. Is there any interest in participating in this event, they need three people for the first leg of the bike ride from Cleveland to Wooster. If you would like to participate please give Al Moriarty, N8CX a call.

**Field Day:** We are going back to the Equestrian Center. We have received the permit for the site. Sylvia Drake, KC8TMZ will be making dinner on Saturday night (Spaghetti and Meatballs) and breakfast on Sunday morning (Biscuits and Gravy).

**New Business:** Noarsfest meeting was held after the regular meeting.

The meeting was adjourned at 8:45 p.m.

**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.)

**WD8IQJ – N8OFS – W8XD – W8ANJ – WD8OFG – KC8TYB**

**A Few Of The Callsigns Heard On The**

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

*June 6<sup>th</sup> ~ June 28<sup>th</sup>*

WD8IQJ W8KYS W8KYZ N8CX WD8OFG N8MPC W8QXF KC8FQV  
 WA8PKC KC8VCM W8KRF W8TAS K8JWS KC8TYB W8AJF K8AGW  
 W8ADV KC8VFE KD8GKA KB8BBZ WA8Q KD8GJZ KD8BBI K8WRS  
 KC8AKF KD8FGY KC8AGU KD8FHY K8RWR NC8X KC9KGM N8ABD  
 KD8AGG W8AJM WB3JVK N8AKS KA8OYE KD8BNN K3LOW\* K8TV  
 N8OPP KB8TK KD8BBZ N8SIU N8HDE N8HPD N8PZD WD8JJA\*  
 VK2FRTS\* (\*Via Echo-Link)

**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 – 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 & W8KYZ

**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!**

**A2, BOTSWANA (Update)** -- Frosty, K5LBU/A25CF, announced this past week that his team operators will use the possible following SSB frequencies during their July 6-20th (possibly the 5th) operation

**FS & PJ7, ST. MARTIN AND ST. MAARTEN ISLANDS (Update/Survey)** -- Operators Marq/CT1BWW, John/EA3GHZ and Tomas/EA5YH will be active as FS/homecall and PJ7/homecall between July 15-25th. The trio (with their XYLS) will start their activity on the French side of the island but will make visits to the Dutch side throughout their stay. Activity will be on 80-6 meters, CW, SSB and the digital modes. QSL via their home callsigns.

**HB0, LIECHTENSTEIN** -- Pierre, HB9QQ, will be active as HB0/HB9QQ between June 29th and July 2nd and again between July 6-9th. Activity will be on the HF bands, 6 and 2 meters. QSL via his home callsign

**PACIFIC TRIP (IOTA Op)** -- Karl, N1DL, who was active from various Carib- bean locations last year, will be active from various French Polynesian Islands as FO/N1DL and as E51ADL from Rarotonga (OC-013), South Cooks Islands, this year between June 27th and July 11th. His activity will be limited because he is on holiday, but look for operations to be on most bands and all modes. QSL via his home callsign.

**PJ2, NETHERLAND ANTILLIES** -- Operators Carsten/DL6LAU, Jan/DJ8NK and Joachim/DL8OBQ will be active from Curacao Island (SA-006, WLOTA LH-0942) as PJ2/homecall, July 9-16th. The trio will also participate in the IARU HF Contest (July 14-15th) as PJ2HQ, a Multi-Multi entry. QSL via their home callsigns. QSL PJ2HQ via N9AG or LoTW

**SV9, CRETE (EU-015)** -- Operator Theo, SV1EJD, will be active as SV9/SV1EJD, July 3-17th. Activity will be on 80-10 meters SSB and RTTY. QSL via IZ8CCW, direct or by the Bureau.

**VP2E, ANGUILLA (Interesting Callsign)** -- Look for Jim, WB2REM, to operate with a special four letter suffix callsign, VP2EREM, from here between June 28th and July 8th. Activity will be on 80-10 meters CW and SSB. QSL via his home callsign.

**VY2, CANADA** -- Tom, KV8Q, will be active as VY2/KV8Q from Prince Edward Island from July 11-16th. Activity will be mainly CW. He will also be in the IARU HF World Championship Contest (July 14-15th) as a Single-OP CW entry. QSL via KC8UR.

**YM1907, TURKEY (Special Event/Prefix)** -- To celebrate the 100th anniversary of Fenerbahce Sports Club, look for Berkin, TA3J, to be active using the special callsign YM1907FB, which was authorized by the Turkish Republic Telecommunication Department of Istanbul Site Management, between 1907z, July 19th and 1907z, August 2nd. Activity will be on 160/80/40/20/15/10/2 meters and the WARC bands on all modes. QSL via TA3YJ, direct or by the bureau. For direct QSLs, please send only SASE and 1 IRC (2006 version) with your QSL card, no green stamps please. SWL QSL cards are OK. No eQSL. Visit the Web page:

**Contest Corner**

(Excerpted from arrl.org)

**July 1 ~ 5**

**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 **MI QRP July 4th CW Sprint** -- 2300Z Jul 4-0300Z Jul 5

**July 7 ~ 8**

**DL DX/RTTY Contest** -- RTTY/PSK, sponsored by the DL DX RTTY Contest Group (DRCG) from 1100Z Jul 7-1059Z Jul 8. Frequencies: 80-10 meters.

**DARC 10 Meter Digital "Corona"** -- TTY/AMTOR / PACTOR / PSK31 / Clover, sponsored by Deutscher Amateur Radio Club from 1100Z-1700Z Jul 8

**Venezuelan Independence Day Contest** -- CW/SSB, sponsored by the Radio Club Venezolano from 0000Z Jul 7-2400Z Jul 8. Frequencies: 160-10 meters.

**QRP ARCI Summer Homebrew Sprint** -- CW, from 2000Z-2400Z Jul 8. **Original QRP Contest** -- CW, sponsored by the QRP Contest Community from 1500Z Jul 7- 1500Z Jul 8. Frequencies: 80-20 meters.

**July 13 ~ 16**

**IARU HF World Championship** -- from 1200Z Jul 14-1200Z Jul 15

**FISTS Summer Sprint** -- CW, from 1700Z-2100Z Jul 13

**July 21 ~ 22**

**North American RTTY QSO Party** -- sponsored by the National Contest Journal from 1800Z Jul 21-0600Z Jul 22. Frequencies: 80-10 meters

**CQ WW VHF Contest** -- all modes, sponsored by CQ Magazine from 1800Z Jul 21-2100Z Jul 22. Frequencies: 50 and 144 MHz bands, except 146.52 MHz

**July 28 ~ 29**

**Flight of the Bumblebees** -- CW, sponsored by the Adventure Radio Society, 1700Z-2100Z Jul 29. Bumblebees are low power portable stations that walk, bike or boat to their sites and sign /BB after their calls. Frequencies: 7.040, 14.060, 21.060 and 28.060 MHz.

**RSGB Islands-On-The-Air Contest** -- CW/SSB, sponsored by the RSGB from 1200Z Jul 28-1200Z Jul 29. Frequencies: 80-10 meters.

Please Note: This is only a **SMALL** part of:**OPDX Bulletin #814 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.)

**Got 6 ?****Six Meter DX Spots Active In July 2007**Contributed By *N8OFS* Andy**DATE: JUL 4 1600Z - JUL 4 2200Z 2007**CALL: W0NOZ (CERTIFICATE) [W0NOZ] - GRID: EN04  
FREQ: 50.165 USB**DATE: JUN 28 - JUL 11 2007**CALL: J8/W6JKV (W6JKV) [W6JKV] - IOTA: NA-109 -  
GRID: FK93 - FREQ: 50.110 USB**DATE: - JUL 14 2007**CALL: K8KRG (SPECIAL QSL) [N8OFS]  
GRID: EN81VE - FREQ: 50.155, 50.162.5, 50.167.5, 50.175 USB**DATE: JUL 7 - JUL 17 2007**CALL: V3/K7BV (K7BV) [W1JJ] - LIAS: W5OZI - IOTA: NA-073  
GRID: EK57XR - FREQ: 50.106 & /B**DATE: JUL 9 - JUL 17 2007**CALL: OX2A (OX3LX/OZ1DJJ)&OX3OX(OZ7OX) [OZ1DJJ]  
IOTA: NA-018 - GRID: GP47TA - FREQ: 50.110 USB**DATE: JUL 10 - JUL 22 2007**CALL: K0SDW/P (K0SDW) & K0YY/P (K0YY) [K0SDW]  
USI#: CO-012L - GRID: DN60MT - FREQ: 50.125 USB**DATE: JUL 20 1500Z - JUL 22 2359Z**

CALL: W0VHQ (SPECIAL QSL) [W0VHQ] - FREQ: 50.160 USB

**DATE: JUL 15 - JUL 25 2007**CALL: FS/CT1BWW(CT1BWW) FS/EA3GHZ(EA3GHZ)  
FS/EA5YH(EA5YH) PJ7/CT1BWW(CT1BWW)PJ7/EA3GHZ(EA3GHZ) PJ7/EA5YH(EA5YH)  
IOTA: NA-105 - GRID: FS=FK88KC & PJ7=FK87?? -

FREQ: 50.115

**Editors note:****Want more 6? There's a lot more at: [www.noars.net/got6](http://www.noars.net/got6)**

## For Sale & Advertisement's Page

All Submissions must be sent to [wd8iqj@noars.net](mailto: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.

**KC8POL** Bob (440) 887-0466 5/7  
**GAP** Eagle DX Antenna 15-40 M  
 Asking \$75.00 Or Best Offer

**N8MPC** Jim (440) 774-1275 3/7  
**BK model 2160** Oscilloscope 60Mhz.  
 Dual trace and time base  
 2 new Probes, Manual & Schematic  
 Asking \$200  
**Dentron MLA-2500** Linear Amp.  
 With Manual \$500  
**MT-3000H** Antenna Tuner \$300

**K8WHK** Rich (440) 365-8754 4/7

- **ICOM IC-2AT** 144mhz. handheld Mint condition boxed,w/2 batt. pks. & manuals - \$50
- **KENWOOD AT-120** Ant. Tuner excellent condition - \$60
- **KENWOOD AT-130** Ant. Tuner excellent condition - \$65
- **KENWOOD MC-50** Mic. & Stand excellent condition - \$55
- **MFJ-816** HF SWR/wattmeter like new - \$20
- **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 make offer

**WD8IQJ** John (216) 544-5761 3/7  
**Beam Antenna** SIX Meters X 5 Ele. \$40  
 New hardware! Get ready for the summer band openings!  
**5' 19" panel rack** Pickup only! \$Free  
**4' 19" Panel Racks** Pickup only! \$Free  
 (Both racks have "stuff" in them you can have it too)

**W8LZB** Mike Equipment Liquidation! 7/7  
 All Good Stuff All Good Condition!  
 To Make A Reasonable Offer Contact:  
 W8KYZ Tom (440) 930 9115

- Yeasu FT-1000 W/Speaker - Filter
- Kenwood TS-711 All Mode 2 Meter
- Kenwood TS-790A All Mode 144/440/1200 Transceiver
- Icom IC275H 2 Meter All Mode
- Collins 51J4 Receiver - Mint

- Drake R4/TX4 Twins
- Henry 2k With Power supply

**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 war that has little effect 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.

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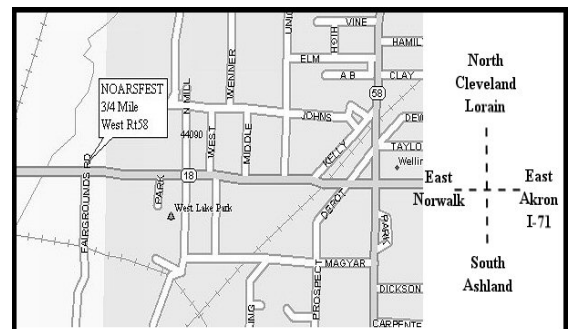
We Buy & Sell

## NOARSFEST 07

JULY 14<sup>th</sup>

THIS YEAR the 2<sup>nd</sup> Sat in JULY

- Vendor's Setup 6am
- Gates Open 8am
- Food - Beverages
- Comfortable Rest Area



- Huge Fleamarket

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

<b>PUZZLE 0707</b>	
<b>WORD LIST</b>	
<b>ATOMIC</b>	<b>PARTICLE</b>
<b>ELECTRON</b>	<b>PLASMA</b>
<b>FIELD</b>	<b>POSITRON</b>
<b>FISSION</b>	<b>QUANTUM</b>
<b>FLUX</b>	<b>QUARK</b>
<b>FUSION</b>	<b>RAYS</b>
<b>GAMMA</b>	<b>RING</b>
<b>MAGNETIC</b>	<b>SHELL</b>
<b>NEUTRON</b>	<b>SPACE</b>
<b>NUCLEAR</b>	<b>XRAY</b>
<b>ARE THERE MORE?</b> <b>Want To See Your Word List</b> <b>Here? Send it in! I'll use it</b> <b>ASAP!</b>	

**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 P.O. Box 35 Avon Lake, Oh. 44012

The Northern Ohio Amateur Radio Society  
Presents In Celebration Of Our Forty-Third Year Of Service:

# N O A R S F E S T 07

**Hamfest And Computer Show**  
**At The Lorain County Fairgrounds – Wellington Oh.**  
**(See Map On Inside)**

## SATURDAY, JULY 14<sup>th</sup>

8 AM. – Noon

**WOW!**

**A**

**Ham Radio**

**A**

**HOUR\***

**(10-11)**

- **Mobile check-in**
- **Hourly Door Prizes**
- **50/50 Drawing**
- **XYL/YL activity's**
- **XYL/YL Drawings**
- **Free Bingo**

- **Hugh Flea market**
- **Shaded pavilion**
- **Friday setup and overnight parking**
- **ARRL Materials**
- **Special Event Station**

\*Tickets drawn without a Call sign in the designated area will not be eligible for RF emitting equipment prizes.

**N.O.A.R.S.**  
P.O. Box 35.  
Avon lake, Oh. 44012



THE NORTHERN  
OHIO AMATEUR  
RADIO SOCIETY

**43**

Years Serving  
The Amateur Radio  
Community

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