



NOARS LOG

**Our
49th Year**
Serving The
Amateur Radio
Community

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

www.noars.net

Welcome to NOARS country!

May 2013

NOARS Membership Meetings Are Held at:
Gander Mountain (Gander Lodge Room)
On The Third Monday
Every Month @ 7:00 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
* Dayton Hamvention			1 NOARS NET 9 pm. NCS: KD8JNK	2 Tech NET 8 pm NCS:KD8JNK	3 Youth-net 5pm ARN 7pm	4
5	6	7 1ØM Net 8PM 28.37Ø +/-	8 NOARS NET 9 pm. NCS: K8HRD	9 Tech NET 8 pm NCS: N8COI	10 Youth-net 5pm ARN 7pm	11
12	13	14 1ØM Net 8PM 28.37Ø +/-	15 NOARS NET 9 pm. NCS: OPEN	16 Tech NET 8 pm NCS: W8KYZ	17* Youth-net 5pm ARN 7pm	18*
19* VE Testing @ Elyria Red Cross	20 NOARS Meeting Gander Mtn	21 1ØM Net 8PM 28.37Ø +/-	22 NOARS NET 9 pm. NCS: N8COI	23 Tech NET 8 pm NCS: N8CX	24 Youth-net 5pm ARN 7pm	25
26	27	28 1ØM Net 8PM 28.37Ø +/-	29 NOARS NET 9 pm. NCS: KD8JNK	30 Tech NET 8 pm NCS: K8WRS	31 Youth-net 5pm ARN 7pm	

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The Northern Ohio Amateur Radio Society **K8KRG**



May, 2013 - Volume 49 Issue 5

Welcome To NOARS Country

This has been a productive month for us. All three repeaters are on the air. However, there is still work to be done especially on the 444.800 machine. The "new" 146.700 repeater is still in the building and refining stages and is scheduled to be installed within the next month. With the warmer weather just around the corner, we plan to do some antenna work at the site.

The turnout at the April meeting was very respectable with 26 people in attendance. I am beginning to sense the excitement of Field Day. As part of the May membership meeting, we will be installing the updated network logging program which we will be using during Field Day. If you plan to use your computer to log, please bring it with you to the May meeting so we can test the network.

When I think of Field Day, it is impossible for me not to think of Big John, WD8IQJ. This was his favorite event of the year and he will be sorely missed this year. The Field Day check-list that John shared with us is still on the website. It is a valuable tool. Let's dedicate this year's Field Day to John in honor of his dedication and involvement in NOARS.

Until next month...73,

Carl W8KRF

Who's who at NOARS? (And How to Contact Them)

2013 Elected Officials

President 2013@noars.net:.....W8KRF Carl Rimmer
 Vicepresident 2013@noars.net:..N8QL Alex Pasini
 Treasurer 2013@noars.net:.....W8KYZ Tom Porter
 Secretary 2013@noars.net:.....KA8VTS Darlene Ohman

K8KRG License Trustee

trustee@noars.net N8CX Al Moriarty

Committee Heads for 2013

Newsletter Production: W8KRF Carl (Editor - temp)
 (noarslog@noars.net) W8KRF Carl (Publisher)
 A.R.R.L. V.E.....W8KYZ Tom Porter

W8KRF Carl Rimmer
 W8GWD Joseph Cebula
 N8QL Alex Pasini
 K8IC Bill Eisenberg

Education Committee Chair: KE4SJC Rudy Fox
 Membership 2013@noars.net: W8KRF Carl Rimmer
 Property Manager: WD8BJY Doug Krucinski
 DX/Field Day Chair: N8CX Al Moriarty
 Net Operations Manager: KD8JNK Morgan McKenna
 Hamfest Chair: KA8VTS Darlene Ohman
 Webdesign@noars.net: W8KRF Carl Rimmer
 Sunshine Committee: W8FJR Frank Reese
 Repeater Upkeep: WB3JVK Stephen Robbins
 K8IC Bill Isenberg
 N8PZD Clark Beckman
 Elmer: W8ADV Ray Smith

NOARS IS ON THE AIR! Weekly Nets:

28.370 MHz Tuesday Night 10 Meter Net 8pm local time
 NCS: NC8X
 146.700 Wednesday Night Rag Chew Net 9pm local time NCS:
 K8HRD - N8COI - KD8JNK
 146.700 Thursday Technical Discussion Net 8pm Local time
 NCS: W8KYZ- N8COI - KD8JNK - N8CX - K8WRS
 All are welcome on NOARS nets!



BTW Dept.!

Happy Birthday to the following members:

- * K8AGW Dan * N8COI Rob * KD8MUW Angela *
- * KC8QML Nadine * N8QL Alex * W8RET Bob *
- * KD8TDA David * K8VJG Ron * WA8YVF George *

* ed. Note If your birthday doesn't appear here its a good chance that its not in our database! Please contact: Carl W8KRF and update us!

NEW NET!

NOARS proudly announces sponsorship of:
The Youth Op's Net - NCS KD8JNK Fri 5PM 146.700

NOARS NEWS

Rants N Raves

One of the goals of the Education Committee under the co-leadership of Rudy, KE4SJC and Alex, N8QL, is to present a short program at each of our monthly meetings highlighting an aspect of ham radio which will inform and educate members who may wish to upgrade or become aware of aspects of the hobby which they may have never experienced. If there is a topic which you would like to see presented, please contact Rudy or Alex at education (at) noars (dot) net.

Sunshine Committee Reports

W8FJR Frank

It has been a quiet month and all are well.

Membership News!

Please welcome Chet, K8KIZ and Steve, W4CLQ to NOARS.

Chet resides in Avon Lake. He is a General class licensee and enjoys working 40 meters.

Steve resides in North Olmsted; he is also a General, and enjoys the digital modes.

(Just Rants and Raves From Cleveland)

Rave Department

I want to rave about the turnout at our April meeting. Rudy did a fine job of generating discussion regarding ECOMM in Lorain County. I think we will hear more from Rudy about this topic. He has some progressive ideas about how NOARS can become more involved in Public Service and emergency communications preparedness.

Rant Department

I personally have nothing of any importance to rant about this month. Our repeaters are operational but still need some improvements and enhancements.

I would like to see more involvement in this column and other features within this newsletter. It is not W8KRF's blog. It is meant for members to air their rants and raves. So, if you have something you would like to comment on, please send an email to noars(at)noars(dot)net.

May 4 is deadline for purchase of tickets

Saturday, May 18, 2013 CARS is again sponsoring a Bus trip to the Dayton Hamvention. Please go to www.2cars.org to reserve and pay for your 2013 Dayton Hamvention Bus Trip.

The Bus trip will cost \$48.00 dollars per person; we will stop for breakfast on the way down, plus have a fast food stop on the way home. You are responsible for both your food and Hamvention tickets.

Go to <http://www.hamvention.org/tickets.php> to order your tickets.

Stop 1: The bus will leave promptly at 3:30 am from the Kmart parking lot at the intersection of Engle and Bagley Roads, in Middleburg Heights, Engle Road is a 1/4 mile west of I-71, Kmart is behind the Gas station. Vehicles will be safe, there will be security.

Stop 2: The bus will also pickup riders at I-71 & Rt 303 at the SE corner of the Kmart parking lot and will depart for Dayton at approximately 4:00 am.

When ordering tickets please tell us which stop you will be at.

Bus tickets must be purchased and paid for in advance

If you have any questions please contact Dwaine, call 440-582-3462 or go to www.2cars.org and click on the Dayton Bus trip link to pay using PayPal. Checks can be mailed to: CARS, P.O. Box 31264, Independence, OH 44131-0264 attn. Dayton bus 73, Dwaine, K8ME

Roll Call: March 18, 2013 Meeting**26 Members And Guests In Attendance**

K8AGW Dan	K8HRD Harold	W8KRF Carl	N8QL Alex	W8KYZ Tom
KD8MUF John	KA8VTS Darlene	KD8OCV Gordon	N8COI Rob	W8FJR Frank
W8RET Bob	W1AFC Dave	KD8MCN Joe	KD8KAA Gary	KE4SJC Rudy
KB8ZUN Jeff	NC8X Tim	KD8JNK Morgan	KD8TCZ Stephanie	W8GWD Joe
K8KIZ Chet	N8RVE John	N8PZD Clark	N8WPW Don	KD7HZP Art
		Rick (SWL)		

Minutes of the April 15, 2013 Meeting

Submitted by: Darlene Ohman, KA8VTS

The meeting began at 7:00 p.m., 25 members and guests present.

- **Treasurers Report:** Tom, W8KYZ, a motion was made and seconded to accept the treasurers report as given. The motion was passed.
- **Secretaries Report:** Darlene, KA8VTS, a motion was made and seconded to accept the secretary's report as given. The motion was passed.
- **Education Committee:** Rudy, KE4SJC, we are trying to get a technician class started by May 1st. The classes will be on Wed. from 6-8:00. We want to hold a general class in the fall. There is a signup sheet online for anyone wanting to take a class. On July 20th, there is going to be a Century Plus cycling 100 mile ride which will start out in LaGrange, we are looking for 6-8 people to help out.
- **Newsletter:** Carl Rimmer, W8KRF, If you have items to sell, or an article you want to see in the newsletter get the information to me no later than the last Monday of the month.
- **Membership:** Carl Rimmer, W8KRF, as of tonight we have 95 members.
- **Nets:** Morgan McKenna, KD8JNK, the nets are running fine. We need someone to run the net on the third Wednesday of the month. If anyone wants to come over and look at WD8IQJ's equipment, please contact me at KD8JNK @ yahoo.com.
- **Sunshine:** Frank Reese, nothing to report.
- **Web Site:** Carl Rimmer, W8KRF, we are having a problem with the web site. I think that someone hacked the website. I am working on the problem.
- **DX:** Al Moriarty, N8CX, was not in attendance. Morgan, KD8JNK, got his 10 meter DXCC, with a dipole in the attic.
- **Repeaters:** Echo Link will only be available on the .70 repeater during nets. The 5.15 repeater is up and working well.

Old Business:

- **Field Day:** Our May 20th meeting will be about Field Day. Field Day is June 22 and 23. We will be using a new logging program this year. Bring your laptops to the meeting to load the new logging program on it. We will discuss Field Day for anyone who has never done it before. We do need operators. We will have a meeting at the site on Sat., June 8th at 10:00 a.m. We will **not** be setting up on Friday. Saturday, we will have hot dogs, potato salad & chips for lunch and for dinner we will have pizza. Sunday morning, we will have biscuits and gravy. Bring your beverages, we will provide water.
- **NOARSfest:** It will be on July 20th. We will need a lot of help in the flea market.

New Business:

- **Presentation:** Rudy, KE4SJC, talked about Emergency Preparedness. Emergencies that happen such as: Earthquakes, Tornadoes, Power Outages, etc. ARES is one of the organizations, Sky Warn is another. Rudy will continue to investigate on how NOARS can become part of the ECOMM plan.

The meeting was adjourned at 8:05 p.m.

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**A Few Of The Call-Signs
Heard On The NOARS Nets.**
Wednesday and Thursday nights
On The 146.700 Repeater In Elyria

April 2013

KD8JNK - W8KYZ - W8KRF - W8ADV - KA8WQL - NQ8T -
K8HRD - N8CX - WD8UPA - WD8ADG - W8KYZ - K8CMD -
KD8KAA - N8COI - KF8PM - W8RET - W8FJR - KD8TCZ -
KY4CA

10 Meter Check-ins

NC8X (NCS) - K8AGW - KF8PM - W8RET - W8FJR -
KA8WQL - KD8MUF - W8KYZ - W8KRF - KD7HZP -
NQ8T - W1AFC - KB8ZUN

NOARS Has Three Nets For You!

On: 146.700 MHz Repeater, and 28.370MHz

The 8:00 PM Tuesday Night 10 M Net

Join Tim, NC8X for this ever growing net.

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: K8HRD- KD8JAN- KD8JNK - N8COI

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 - KD8JNK - K8WRS - N8COI

OPDX Bulletin #1109

- **SU, NIGER** Pierre, HB9AMO, will be active as 5U9AMO from Niger between April 20th and May 30th. Activity will be holiday style on 80-10 meters CW using a TS-50 and a low hanging long wire. QSL via MOURX. Log will be uploaded to LoTW and ClubLog. For more details, updates and a log search, visit Pierre's Web page at: <http://www.hb9amo.net>
- **6V7, SENEGAL** Luc, F5RAV, will once again be active as 6V7T from Le Calao Resort, La Somome, between April 26th and May 5th. He will be operating from Jean-Francois, 6W7RV, QTH. Activity will probably be the same as last time -- on SSB and PSK31, and on 160-10 meters (including 17 and 12m with a dipole only). He will also participate in the Helvetia Contest (April 27-28th). QSL via only direct to his home callsign. See details on QRZ.com. Also, visit his BLOG page at: <http://f5rav.free.fr>
- **DXCC (At Dayton Hamvention 2013)** Bill Moore, NC1L, reports [edited], "The 2013 Dayton Hamvention is rapidly approaching and once again ARRL Awards staff will be on hand to check applications not only for DXCC, but all ARRL awards: DXCC, WAS, VUCC, WAC and Extra Class Certificate. While we will be there all weekend we suggest that you not wait until Sunday to have your application checked." A detailed PDF file is available to help guide you through the card checking process so that everything proceeds smoothly at: http://www.arrl.org/files/file/DXCC/2103_Dayton.pdf If, after reviewing the PDF file and you have questions, send an E-mail to Bill Moore, NC1L, at: bmoore@arrl.org
- **GB7, ENGLAND (Special Event)** Bill Cross, G0ELZ, Chairman of the Marine Museum Society, Wallasey, UK, and David Oakden G3UFO, have announced that special event callsigns GB70BOA and GB70WA will be on the air between May 20-27th. The event will be hosted by the Marine Radio Museum Society (Wallasey) [resident callsign GB4FPR], at Fort Perch Rock New Brighton. Members of the Wirral and District Amateur Radio Club (WADARC), the Chester & District Amateur Radio Society (CADARS) and the Tall Trees Contest Group [G5D] (based in Cheshire) will activate GB70BOA from Fort Perch Rock at the Mersey entrance and GB70WA from the Leasowe Lighthouse. The activity is to commemorate the 70th anniversary of the Battle of the Atlantic. Approximately 2,800 merchant ships were lost during this battle and 30,000 merchant seamen lost their lives. Similarly, 30,000 Allied Naval and Air Force personnel and 30,000 Kriegsmarine sailors also lost their lives. These numbers vary according to whose history of WW2 you read, and the above numbers are a rough average. Operations will take place on all band 80-10 meters, as well as VHF/UHF operations on 144 and 432 MHz on all modes. This event is especially important to Liverpool and other Merseyside hams because the battle was commanded from the Western Approaches command and is now a premiere WW II museum in Liverpool. Operators are hoping to make over 2800 contacts during this period. A special QSL card is being produced in commemoration. More details can be found on QRZ.com as well as: <http://www.clanlinereunion.co.uk/BA70-page10.html> GB70BOA and GB70WA are part of the official recognition of this event.
- **HI7, DOMINICAN REPUBLIC** Ronny, ON4ARV, will once again be active as HI7/OT4R from Punta-Cana, **Dominican Republic (NA-096)**, WLOTA 2974, WW Loc. FK58TN), between May 10th and June 1st. Activity will be on 20/15/10 meters on SSB and PSK, between 2000-2200z every day. Suggested frequencies are: 14266, 21226 and 28450 kHz. QSL only via LoTW and eQSL. More info is available on his Web site at: <http://www.OT4R.net>
- **IOTA NEWS EU-174.** Laci, HA0HW, will once again be active from **Thassos Island** (GIOTA NAS-037, MIA MG-124, WLOTA LH-4186, QRA KN20HS), but this time as SW8WW (ex-J48HW) between May 23rd and June 5th. He will operate mainly CW, with some SSB and RTTY, on the HF bands (usually on 40/30/20/17 meters) and on 6 meters. He will enter the CQWW WPX CW Contest (May 25-26th) as a Single- Op/All-Band entry. His rigs are usually a FT-840 with a MOS-FET amplifier (300-400 watts) and an IC-706 (for 6m only). Antennas are a monoband Gps and dipoles on fishing poles. QSL via his home callsign, direct or by the HA Bureau.
- **JD1, OGASAWARA** Just a reminder that Harry, JG7PSJ, will once again be active as JD1BMH from **Chichijima Island (AS-031)** between April 22nd and May 4th. Activity will be on 40-10 meters using CW, SSB and RTTY. QSL via the Bureau to JD1BMH or direct to JG7PSJ. Visit his Web page for more details at: <http://jd1bmh.zxq.net>
- **T6, AFGHANISTAN** Jesse, KB2OBQ will once again be active as T6JP from Panjwai in the Kandahar Province starting May 15th through August 2014. Activity will be on 160-10 meters (mostly 40/20/10m) using 100 watts, on CW and SSB. Logs will be uploaded daily (if possible) to LoTW, eQSL, QRZ.com. For more details, see QRZ.com (under T6JP).

Please Note: This is only a SMALL part of: OPDX Bulletin 1109. LOG onto: www.papays.com for the rest (Space permitting, only the parts relative to the time of distribution of The N.O.A.R.S. Log Were Included Here)

CONTEST CORNER			MODE		
DATE TIME	BANDS	NAME	PH	CW	DG
5/4 0001Z – 5/5 2359Z	10	Ten-Ten Spring CW Contest		X	
5/4 1700Z – 5/5 0459Z	80-15	RCA QSO Party	X		
5/9 0030Z – 0230Z	80-20	NAQCC Monthly QRP Sprint		X	
5/11 1200Z – 5/12 2400Z	160-10	Armed Forces Comm Test	X		X
5/11 1700Z-2100Z	80-10	FISTS Spring Sprint		X	
5/11 2300Z – 5/12 0300Z	6	50 MHz Spring Sprint	X	X	X
5/20 0200Z – 0400Z	160-10	Run For The Bacon		X	
5/25 0000Z – 5/26 2400Z	160-10	CQ WW WPX Contest		X	

Check for updates, additional contests, and a downloadable PDF version online at www.arrl.org/contests

NEW CONTEST (RaDAR 2013)

The RaDAR-America contest is an event aimed at promoting the use of Rapidly Deployable Amateur Radio stations throughout North and South America. This contest is for all licensed radio amateurs. A choice is made prior to the contest to participate in one of the defined categories. The points system is so structured as to encourage portable operation, especially moveable stations. The event takes place the first Saturday of April and first Saturday of November starting at 14:00 UTC and ending at 18:00 UTC (4 hours). Complete rules can be found at: <http://radar-america.blogspot.com>

For Sale & Advertisement's Page

All Submissions must be sent to [noarslog\(at\)noars.net](mailto:noarslog(at)noars.net) or to: NOARS Log, 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 (unless updated) after three months (as space is needed)! NOARS reserves the right to refuse ads at our discretion.

FOR SALE

MICROPHONES

3 mics for \$10.00.
 Tempo Hm-5/ Yaseu 4-pin/ Realistic 5-pin/

LOW PASS FILTERS

3 filters for \$10.00
 Drake TV-42-LP/ Bencher YA-1/ Gold Line/

POWER SUPPLY

23 AMP SAMLEX SEC-1223, switching p. s.. New 9/12.
 \$80.00

HT's

Yaseu FT-411E, 2meter w/charger, soft case, original box \$45

Alinco DJ-580T/E, 2/440, charger, speaker mic, needs battery, \$35.00

Icom IC-02AT, 2 mtrs., speaker mic., charger, needs battery, \$25.00.

MISCELLANEOUS

Mobile Mounting Bracket, 7.5" inside dia.. \$5.00

AA/AAA Maha battery charger, w/box, instructions. \$15.00

10 W. Midland power speaker, w/bracket, audio & power leads, manual. \$15.00.

K-COM RF-1, Telephone Interference Filter. \$5.00

ANTENNAS

KLM 440-16X YAGI, 420-450MHZ., new. \$10.00

Cushcraft CL-116 yagi, 2 meter, new. \$15.00

2 meter - 440 HT duck antennas, Alinco vhf/uhf, Yaseu, Icom, Santec. \$5.00 each.

AEA and Vocom telescoping ant., 4 ft., \$8.00.

**MAKE OFFERS TO W8KYZ, TOM,
 440.930.9115.**

- Ameritron AL-811 amplifier (good condition)
- Kenwood TS-440-S, HF 160 - 10 m (USE FOR PARTS ONLY)
- MFJ-986 3kw Roller Conductor Tuner
- Kenwood PS-430, 30amp, for Kenwood 430 (NEEDS FAN)

(MAKE OFFER ON EVERYTHING OR SEPERATELY)

KD8HZZ, Art Mills, Elyria, 440.366.6875.

N8TN Vic Woconish - 143 Longford Ave 7/12
 Elyria, Oh 44035-4033

Home Phone 440 365 6672 - Cell Phone 440 458 2563

- Yaesu FT-ONE General Coverage All Solid State Transceiver
- Tri-Band Beam 10-15-20 Meters, All Aluminum (W3DZZ) 64 LBS Total
- 3 (Three) Ham M Rotors With Locking Brakes
- 4 Element 10 Meter Beam
- 3 Element 15 Meter Beam
- 1 - 20 Meter Driven Element Aluminum, Omega Match
- 1- 15 Meter Driven Element Aluminum, Omega Match
- 52 Ft Tower
- Dual 21 Element Beam for 440
- Dual 9 Element Beam for 137.500 MHZ for Satellite Receiving

All Rotor controls and Hardware Included

\$2500.00 Takes all

Yaesu VX-7R (Black)

**50/144/430 FM 5W, 300 mW on 222MHZ,
 500kHz-999Mhz Receive w/Cell Blocked.**

Charger, rubber duck, external mic and leather case included.

Low hours, excellent shape. \$330.00

Jeff Dettmer, K8JAD

k8jad@yahoo.com

216-244-2775

Happenings!

Our May membership meeting program will be an overview of our Field Day plans and preparation for network logging. That worked out very nicely last year and should be even better this year with updated software.

If you plan to use your computer to log contacts during Field Day, please bring it with you to the meeting so the updated software can be installed and tested. Last year's software will not work with the new server software so you must uninstall the old and install the new.

If you would like to install it ahead of time, go to <http://n3fjp.ky1v.com/FIELDDAY.exe> and download the program. You will be given the key at the meeting.

NODIG announces an Ohio Area Wide D-STAR Net

Sunday Nights at 8:01 PM on **XREF038A**
or any system linked to it.

Local RF on WA8DIG B or WB8THD B
DV Dongles, DVAPs, Hotspots link to XREF038A

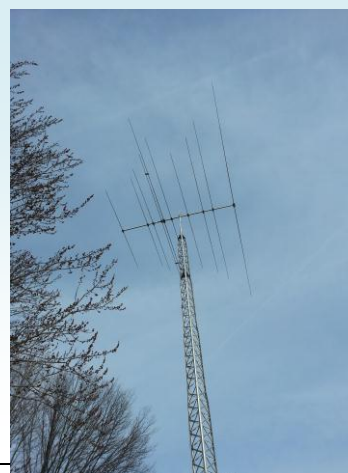
For Sale (continued)...

From the Estate of Robert Super, N8HDE (SK):

- 48' Rohn BX-48 Tower (standing)
- Hygain T-2X Tailtwister rotor and controller
- Force 12 XR-5 10-element (18' boom) yagi (10, 12, 15, 17, 20 meters)

Excellent condition. Must be taken down, disassembled, and transported by purchaser. Retail value: \$3,764 Asking: \$1,750 for all. No partial sales.

Contact: W8KYZ (440) 930-9115



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 7:00 p.m. sharp on the third Monday of every month at Gander Mountain's "Gander Lodge" room! It is located at 5244 Cobblestone Rd. Sheffield Village, Oh. 44035. The meetings are open to the public and all are welcome. Tune in to the 9 pm Wednesday night NOARS net on the 146.700/444.800 MHZ. repeaters located downtown 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. Repeaters can be heard at 146.700 (-) PL 110.9 & 444.800 (-) PL 131.8 in Elyria, OH, as well as, 145.150 (-) PL 110.9 in North Royalton, OH.
- Regularly scheduled NOARS nets are every Tuesday night at 8 pm on 28.370 MHZ, Wednesday night at 9 pm. for the rag-chew net and every Thursday night at 8 pm. for the technical discussion net on 146.700/444.800. The Youth Net is on Fridays at 5 pm. 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\(dot\)noars\(dot\)net](http://www(dot)noars(dot)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

More items from the estate of Robert Super, N8HDE (SK):

For more information or to make an offer, call Tom W8KYZ (440) 930-9115

50' Old-style Rohn tower. 5-sections; good condition. \$200 obro



Hustler 5-BTV 5-Band Trap Vertical; needs some work. \$75 obro



Hygain Rotor and controller; weathered. \$50 obro



2 M Cushcraft Boomer Yagi; needs work. Make offer

6 M 3-element yagi; needs work. Make offer
(Leaning against garage)



These items have been donated to NOARS by Bob's wife, Helen.

(Cut on dotted line)

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



THE NORTHERN OHIO
AMATEUR RADIO SOCIETY

49

Years Serving
The Amateur Radio
Community

U.S.
Postage

Dated Material

Mailing Label