

# NOARS LOG

Volume 39, Issue 5

Welcome to *NOARS* Country

May – June, 2003



## ***Club FM Repeaters***

UHF: 449.800/444.800 MHz

VHF: 146.100/146.700 MHz

6 meters coming soon 51.16/51.66

144.550/145.150 MHz

Home of BART the DX ALERT

BARF-80 BBS sponsored by NOARS (440)237-8208

## **2003 EXECUTIVE OFFICERS**

President: Ted Shook, W8TAS

Vice President: Clark Beckman, N8PZD

Secretary: DeeDee Ohman, KA8VTS

Treasurer: Tom Porter, W8KYZ

License Trustee: Mike Willemin, W8EU

## **NOARS STANDING COMMITTEES:**

A.R.R.L. VE: Tom Porter W8KYZ

DX Member: Tedd Mirgliotta KB8NW

Banquet: Gary Gargus N8DIU

Property Manager: Ned Jones WD8CSP

U.S.S. Cod: Ted Jones KA8WMX, Don  
Winner WD8RZG

K8KRG WEEKLY ON-THE-AIR

REPEATER NETS

***WD8IQJ – W8ADV***

NOARS Net Wednesday 9:00 P.M.

***K8WRS – KC8TBD***

NOARS Tech Net Thursday 8:00 P.M.

146.700 – 444.800

Coming soon on 51.66 / 145.150

In this issue;

Upcoming Hamfests and Events - VE exam locations

Kids day coming soon – ARRL Field Day

Tennessee and Indiana get antenna bill

Ohio ham fined – Opting out of open credit reports

NWS Skywarn paging goes off-the-air, local conversion

Where's the DX? - Swap –N– Shop

## Messages from the front table - Spring 2003

### Upcoming hamfests and events

- 21 Jun - Milford ARC Cincinnati Contact: Chris Reinfelder, KB8SNH 513-351-2776
- 28 Jun - Barry ARA Ham Swap Jack Hill, K8YPW PO Box 370 Hastings, MI
- 12 Jul - Straits Area ARC <http://www.w8gqn.org> Cliff KC8NVI: 231-526-5645
- 19 Jul - <http://www.apk.net/noars/noarsfe.htm> Tom, W8KYZ 440-930-9115
- 20 Jul - Van Wert ARC20 [www.w8fy.org](http://www.w8fy.org) Jack Snyder, WD8MLV 419-495-2209
- 26 Jul - OH-KY-IN ARS [www.ohkyin.org](http://www.ohkyin.org) Lynn Ernst, WD8JAW: 859-657-6161
- 27 Jul - Portage ARC Joanne Solak, KJ3O Phone: 330-274-8240
- 2 Aug - Iosco County AR Enthusiasts John, W8GZF East Tawas, MI 989-362-2398
- 2 Aug - HAM "OH" RAMA Voice of Aladdin James, KB8KPJ: 614-846-7790
- 9 Aug - Kentucky State Convention (Banquet) <http://www.bluegrassars.org/>  
Contact: Bluegrass ARS PO Box 4411 Lexington, KY 40544-4411

### VE Exams – basic instructions;

For VE Exams the candidate must bring the original and copy of the current license and CSCE forms (if applicable), identification, and the correct exams fee monies. It is always a good idea to check with the VE examiner in the case of poor weather cancellation or any special needs. The 605 form can be obtained on-line at [arrl.org/arrlvec/ncvec605.pdf](http://arrl.org/arrlvec/ncvec605.pdf), have this filled out ahead of time and make your test less stress.

Elyria, 3d Sunday each month at American Red Cross, 2929 West River Rd, Elyria OH 44035 – Testing begins at 1 PM, walk-ins allowed, park in rear, use rear door. Contact Charles S. Hall, 216-433-3036

Akron, 2nd Saturday odd months at Summit Co. American Red Cross, 501 W Market St, Akron OH 44303 – testing at 3 PM, walk-ins allowed. Contact Bruce M. Ferry, 330-929-2766

Canton, Stark Co. Sheriff Office EOC, 4500 Atlantic Blvd NE, Canton OH 44705  
Testing at 9 AM walk-ins allowed. Contact Gary L. Kline, 330-837-2927

Wickliffe AES, 1st Saturday even months at 28940 Euclid Avenue, Wickliffe OH 44092 Testing begins at 12 PM – Walk-ins are welcome, contact Scott Farnham, 440-256-0320 – do not call AES direct.

Independence Town Hall, 6652 Brecksville Rd, Independence OH 44131 – test dates March 9, May 4, July 13, September 14, November 9, 2003 – Doors open at 9 AM, pre-registration is appreciated, walk-ins taken. Contact Gary Dewey, 216-642-

### Roll Call April 21st

John Malloy WA8Q  
John Pearl K8RWR  
Bob Metz KC8POL  
Douglas Krucinski WD8BJY  
Patrick Sweeney KC8TBD  
Dennis Krucinski KC8PCZ  
Daniel Schlick KB8LKH  
Alan Moriarty N8CX  
Joni Roberts KC8BXJ  
Ken Roberts KC8BQO  
Sallie Schneider AB8GI  
Fred Collins W8ADW  
Ray Smith W8ADV  
John McKenna WD8IQJ  
Darlene Ohman KA8VTS  
Billy Green WD8IPU  
Gary Gargus N8DIU  
Ted Jones KA8WMX

### Roll Call May 19th

Pat Sweeney KC8TBD  
John McKenna WD8IQJ  
Daniel Schlick KB8LKH  
Ray Smith W8ADV  
Joe Cebula W8GWD  
James Henderson N8MPC  
Ted Jones KA8WMX  
Harold Drake WD8OFG  
Fred Collins W8ADW  
Joni Roberts KC8BXH  
Ken Roberts KC8BQO  
Al Moriarty N8CX  
Robert Stolarski WA8OBA  
Bob Goff KA8YDS  
Frank Hashier KB8IOM  
Mike Fanderys KB8RVK  
Gary Gargus N8DIU  
Darlene Ohman KA8VTS  
Clark Beckman N8PZD  
Ted Shook W8TAS

### Minutes of April 21st, 2003 Meeting

The meeting was began at 7:30 p.m. by Clark N8PZD vice-president with 25 members and guests in attendance. The speaker for the night was Tom Kelly KB8FGW of the Lorain County Emergency Management Association. His talk was very informative.

The regular meeting began at 8:25 p.m.

Treasurer's Report; The treasurers report was read by Tom Porter, W8KYZ. A motion was made and passed to accept the report as read.

Nets; The nets are going along very well. A new net has formed for CW trainees, more in new business.

Field Day - June 28 - 29, 2003. There was a field day meeting after the regular meeting to discuss set-up and operation at the Lorain County Equestrian Center on Nickel Plate Diagonal Road just southwest of the interchange of Rt 10 (read I-480) and Rt 301 South, as in past years NOARS will provide snacks and soft drinks to all participants. Get in touch with John WD8IQJ and be a band captain or just visit to see logging and operations.

Noarsfest - There will VE exams at the hamfest.

USS Cod; The submarine will open on May 1, 2003. Volunteers have been working on the sub to repair the engines. Parts have been donated.

New Business - John McKenna, WD8IQJ, wants to establish a field day committee and meet at the field day site. Requested money for field day for snacks, drinks, dinner, breakfast and gas for the generators.

Ray Smith, W8ADV, invited everyone to join the CW class at 9:00 p.m., Tuesday, on 145.150 repeater, this will continue until camping season takes him away.

A motion was made by Daniel Schlick, KB8LKH and seconded by John Pearl, K8RWR to adjourn the meeting, the motion was passed.

### Minutes of May 19, 2003 Meeting

The meeting was began at 7:30 p.m. with 20 members and guests in attendance.

Treasurer's Report; Tom Porter, W8KYZ was not present to give his report.

Nets; The nets are going along very well. The Tuesday night CW net will be off the air for the summer while Ray goes on vacation. If anyone would like to be a net control operator get in touch with John, WD8IQJ.

Field Day - June 28 - 29, 2003. There was a field day meeting after the regular meeting. There will be a site meeting on Sunday at 2:00 p.m.

Contesting - On June 14/15 is the VHF June ARRL contest, 50 mhz and above, that's 6 meters, 2 meters, 440 and above.

Noarsfest - We have a new food vendor Liza who sets up for the fair the same as Lances.

USS Cod; The dial light is out on the radio and needs to be replaced.

Sunshine - WD8W, Pat Cornell, he was the historian of Chapter One passed away. Chick turned 88 years old.

Special Olympics - Everything went well in spite of chilly weather, thanks to everyone who helped out.

Old Business - John, WD8IQJ requested field day money for snacks, drinks, dinner, breakfast and gas for the generators. A motion was made and seconded to allot \$300.00 for field day expenses. The motion was approved.

New Business - Rosters were printed and they were supposed to be in the newsletter, but they were not sent to the email group. Questions about the roster will have to come before Tom and/or John.

A motion was made and seconded to buy a tri-band antenna for the USS Cod. The motion was passed.

### ==>OHIO HAM HIT WITH \$12,000 FINE IN MALICIOUS INTERFERENCE CASE

Cooperation between Canadian and US amateurs has resulted in a \$12,000 Notice of Apparent Liability for Forfeiture (NAL) from the FCC to an Ohio amateur. The FCC has alleged that Ronald E. Sauer, WE8E, of Bedford Heights violated Part 97 rules prohibiting deliberate and malicious interference, transmission of music and failure to identify. The case involved daily interference to the Trans Provincial Net <<http://www.tpn7055.ca/>>, a Canadian net that operates on 7.055 MHz. "This was no small task and was accomplished with the help of many people from the US and Canada working together," said ARRL Great Lakes Vice Director Dick Mondro, W8FQT, who expressed thanks to all involved. In addition to TPN members, that included Radio Amateurs of Canada (RAC) <<http://www.rac.ca>> officials, Industry Canada, the FCC, ARRL Michigan <<http://www.arrl.org/sections/?sect=MI>> and Ohio <<http://www.arrl.org/>>

sections/?sect=OH> Section officials, ARRL Official Observers and members of the Cuyahoga Amateur Radio Society <<http://www.cars.org/>>. "This was indeed an example of teamwork in action and proves again that the FCC does care and continues to work with us to stop interference," Mondro added. TPN Assistant Manager Jim Taylor, VA3KU, said the interference to the net had gone on for several months. "Our break came when the jammer decided to intensify his efforts by going to his local library and sending out repulsive and threatening e-mails to a few of our members," Taylor said. He and other Canadian hams were able to determine that the e-mails had come from a public library terminal in the Cleveland, Ohio, area. Taylor contacted CARS President Bob Check, W8GC, for assistance in zeroing in on the jammer. Tracking down the signal source involved mobile direction-finding work by three CARS members, who passed along their findings to the FCC's Detroit Office late last January. Already alerted to the situation, the FCC's Detroit Office had called on the Commission's High Frequency Direction Finding (HFDF) facility in Maryland. The HFDF group monitored jamming and the playing of music and narrowed down the search to an area near the intersection of Interstates 480 and 77 in the Cleveland area. In the meantime, the FCC received the CARS report indicating that the interference was coming from Sauer's residence. On January 31, an FCC agent also used direction-finding techniques to track the source of the interference on 7.055 MHz to Sauer's home and conducted an inspection. The FCC said Sauer "admitted that he had been playing music and deliberately jamming the frequency of 7.055 MHz." Sauer "further admitted to jamming and playing music on this frequency on previous days." Based on its findings, the FCC concluded that the \$12,000 fine was justified. The FCC ordered Sauer to pay the fine within 30 days or file a written statement seeking a reduction or cancellation of the proposed forfeiture.

Taken from ARRL news

NWS paging network calls it quits; On April 30 2003, the NWS will discontinue it's weather paging service. This service was always offered by NWS as a favor to the spotters. Recently, it has become too tedious to run due to the fact that every warning must be manually typed by the forecaster and due to the fact that there are now so many free services available.

Cuyahoga County Skywarn now has a free weather paging service available. This service is offered to any NWS-registered spotter living in Cuyahoga or one of the adjacent counties (Lake, Geauga, Portage, Lorain, Medina, Summit). A Ham license is NOT required. Weather products can be sent to any mobile text device that has an e-mail address, or to a regular e-mail account.

Cuyahoga County Skywarn feels it is important for spotters to be kept on top of developing weather situations. This is being done as a favor to our valued spotters. Even though the products being sent out by this service are received from the NOAA Emwin service, Cuyahoga County Skywarn will not and does not guarantee reliability of this free service. Cuyahoga County Skywarn will NOT be responsible for any delays or any errors in the paging system. Spotters should not depend on their pagers alone to notify them of severe weather events. Remember that the most valuable and OFFICIAL resource for up to the minute weather updates is always NOAA WEATHER RADIO.

Below is a list of the products you will receive as well as the information required to sign up.

Counties Covered: Cuyahoga, Lake, Geauga, Portage, Lorain, Medina, Summit

Marine: Lake Erie from Avon to Geneva, shoreline and beyond 5 NM

Products: Tornado Warnings & Watches, SVR T-storm Warnings & Watches, SVR WX Statements, Flash flood warnings & Statements, Flood watches, warnings, & statements, Non-precipitation warnings (fog, heat etc.), Special wx statements, Civil emergency messages, Special marine warnings (Lake Erie from Avon to Geneva, shoreline and beyond 5 NM), Winter wx warnings

We will also try to send out weekly test pages on Wednesdays.

Please note, all columns marked \*\* are required:

Note: information received by Cuyahoga County Skywarn is not given to or used by anyone other than the Coordination Team. All information submitted is keep highly confidential.

Call sign (only if you are a HAM--- NOT REQUIRED), \*\* Name, \*\* Address, City, & Zip code

Phone number, \*\* Regular email address; \*\* Email address of the device that the pages will be sent to; \*\* NWS Spotter ID number; \*\* Amount of characters that the device can accept ; \*\*\* Maximum amount of characters you want to receive. If you enter a number larger than what your device can accept in one message, the warnings will be broken into several pages. All pages give FULL TEXT and some can be quite long, so keep this in mind. If you wish to receive only the type of warning and beginning of the text, enter your single page number as your max. You may sign up for a maximum of TWO devices or e-mail accounts.

\*\* Specify if you would like us to use abbreviations for words. This will shorten the pages somewhat. If you are interested in being signed up for paging, please send e-mail to [ccsw@adelphia.net](mailto:ccsw@adelphia.net)

Please feel free to direct any questions to me, Mat N. KC8NZJ, at [ccsw@adelphia.net](mailto:ccsw@adelphia.net)

#### TENNESSEE, INDIANA AMATEUR ANTENNA BILLS SIGNED INTO LAW

Amateur Radio antenna bills in Tennessee and Indiana have been signed into law by the governors of those states. Their successful passage brings to 19 the number of states that have adopted amateur antenna laws based on the limited federal preemption known as PRB-1. Original versions of both bills had contained minimum regulatory antenna structure heights, below

which localities could not regulate. Both left their respective legislatures without those provisions.

Tennessee Gov Phil Bredesen signed his state's bill--a compromise between the House and Senate versions of the legislation--on April 29. The measure became law immediately upon his signature.

ARRL Tennessee State Government Liaison Ingrid Klose, KD4F, credited "a concerted effort by Tennessee hams" for the bills' passage. She also said it was significant that Bredesen signed the bill instead of just letting it become law without his signature. "We believe that speaks for the understanding the governor has, not only of the role of Amateur Radio relative to the communications needs of Tennessee, but also of our needs in order to be able to provide good communication service when needed," she said.

At the request of Tennessee ARRL Section leadership, lawmakers eliminated language from the original Senate bill that would have incorporated a schedule of minimum regulatory height limits. Tennessee Section Manager Terry Cox, KB4KA, said proponents realized that chances of retaining the original wording were slim, given the opposition to last year's proposal, which had included a similar schedule of minimum antenna structure heights.

Indiana's bill got Gov Frank O'Bannon's signature on April 30. It becomes effective July 1. The bill that cleared the General Assembly did not contain language incorporating a 75-foot minimum regulatory antenna structure height, written into the Senate version of the bill but not included in the version passed by the House. A House-Senate conference committee cut out the 75-foot minimum, and the Senate passed the stripped-down measure on a 39-9 roll-call vote.

The bills approved in both states prohibit localities from enacting or enforcing ordinances, resolutions or orders that do not comply with the PRB-1 limited federal preemption--distilled within the Part 97 Amateur Service rules in §97.15, "Station antenna structures." Both measures also require ordinances involving the placement, screening or height of Amateur Radio antennas based on health, safety or aesthetics to "reasonably accommodate" Amateur Radio communications and represent the minimal practicable regulation to accomplish a municipality's or county's legitimate purpose.

The Indiana law also permits municipalities or counties to act to protect or preserve historical or architectural districts established under local, state or federal law.

Amateur Radio antenna laws in only a handful of states--Oregon, Virginia, Alaska and Wyoming--include minimum regulatory height limits. Amateur Radio antenna bills are pending in several other states, including New York, New Jersey and California.

**IOTA NEWS** AS-023. Yoshitake, JJ8DEN, will be active as JJ8DEN/6 from Amami Island June 21-23rd. Look for activity on HF on CW and RTTY. He will be using an IC-706 and HX52A. QSL via JJ8DEN either via the bureau or direct to: Yoshitake Izumi, Minami-24-7, Nishi-1, Obihiro-City, Hokkaido, 080-0011 JAPAN.

AS-032. Yoshitake, JJ8DEN, will be active as JJ8DEN/6 from Yaku Shima Island July 12-14th. Look for activity on HF on CW and RTTY. He will be using an IC-706 and HX52A. QSL via JJ8DEN either via the bureau or direct to: Yoshitake Izumi, Minami-24-7, Nishi-1, Obihiro-City, Hokkaido, 080-0011 JAPAN.

AS-117. Kenji, JA4GXS, will be active as JA4GXS/4 in the IOTA contest from Yashiro Island, July 26th (1000z) to the 27th until 2300z. Activity will be on 40/30/20/15/10 meters SSB and CW. QSL via the bureau or direct to: Kenji Sasaki, 2-15 Ishikannon-cho, Yamaguchi, 753-0038 Japan.

EU-023. Andrea, IK1PMR, who was recently active as TX4PG from Marquesas Island, should be active from Gozo Island June 12-19th. This will mainly be a vacation trip for him this time, not a full DXpedition like his TX4PG operation. His callsign is not known yet (probably something like 9H3\*\*). He will operate on 80-10 meters with 100w, vertical antenna + 40m dipole + wires, mainly on CW with some SSB and RTTY/PSK. QSL via IK1PMR (Bureau or direct using the address on QRZ.com).

EU-070. Jacques/F6HMJ and Andre/F6AOI will be active as TM3OR from Ile d'Or from June 13-15th. QSL via F6HMJ.

NA-066. Members of the Escondido (CA) ARS hopes to mount a mini- expedition to Santa Catalina Island for the IOTA contest. Hopefully, more details will be forthcoming.

NA-067. Randy, KD8JN, informs OPDX that he will be active from Hatteras Island (USI NC-005S), North Carolina, from July 19-26th using the callsign KD8JN/4. Activity will be on all bands, primarily on SSB. Suggested frequencies will be the usual IOTA frequencies +/- QRM. Randy states, "This again, is a Vacation/DXpedition, which includes the family. I will be on the air as much as possible, and as propagation and the wife permits! NOTICE!!!! 'IF' the fish are biting, I'll be using my fishing rod more than the radio!! Please be patient. I pay close attention for QRP stations, Kids, and YL's/XYL's. I REALLY listen for the weak signals too! I try to get everyone in the log that wants to be there!" Direct QSLs to KD8JN: Randall Phelps, 1226 Delverne Ave SW, Canton, Ohio 44710-1306 USA. QSLs 100% via the Bureau also! SWL's welcome too!

NA-125. Nenad, VE3EXY, informs OPDX that he is too busy to travel to Zone 2 at this time. So, he has decided to visit Orleans Island (Zone 4) for a weekend operation. He will sign CK2/VE3EXY/P from June 13th (Fri. about 2200z) to June 15th (Sun. 2000z). His activity will be on the following modes: CW, RTTY, and SSB (but mostly RTTY during the ANARTS contest). His sunrise and sunset: 0845 and 0035z. QSL via his home callsign VE3EXY. His suggested frequencies: IOTA or RTTY frequencies. No low bands. Nenad objectives are: Outside Contest - DX stations (CONDX permitting) During ANARTS Contest - 20, 15 and 10 meters Around Greyline times he will be either on 20 or 30 meters. His resting periods are: 0400-0830z and 1600-1800z subject to change if CONDX are good. Nenad requests/states, "I'll have no access to the cluster. Please post me as much as possible." NA-NEW and NA-007 (possibly NA-009 and NA-047). Mike/K9AJ and Jim/K9PPY will activate Somerset Island (a new IOTA, in the Nunavut region of Northern Canada) from July 13-20th. They may have two stations on the air, depending on conditions. As there will be no sunset (less than 500 miles north of Arctic Circle), they plan no activity below 40 meters on this trip. Their callsigns will be K9AJ/VY0 and K9PPY/VY0. Susan, K9XYL/VY0, might also be active. After their Somerset Island operation, K9AJ/VY0 will be active from Southampton Island (NA-007) from July 22-24th. It is also possible that some activity might occur from Cornwallis Island (NA-009) and/or Baffin Island (NA-047) during the time period July 11-26th, so pay attention to the QTH info given by the operator. The usual IOTA frequencies will be used on CW and SSB. QSL to operator's home callsign.

9A0, CROATIA (Special Event) - As announced last week, Pope John Paul II, visited Croatia over the past weekend. Amateur radio stations from some Croatian towns have activated the special callsign 9A0PAX. This callsign will be in use from now until June 30th. QSL Manager for this station is Kresimir Juratovic, 9A7K, P.O.Box - 88, HR-48001 Koprivnica, Croatia. The special event station's callsign 9A0PAX is valid for the "The Pope John Paul II in Croatia Award". The rules for this award can be found at: <http://www.qsl.net/9a7k>

# Swap n Shop

## KID'S DAY II IS JUNE 21!

The second Kid's Day of 2003 will be June 21, from 1800-2400 UTC. There's no limit on operating time. The twice-annual event, held in January and June, offers a chance for amateurs to invest in the future of Amateur Radio by participating in a simple, but rewarding, on-the-air event. Now in its ninth year, each running of Kid's Day typically attracts more than 1000 participants.

Kid's Day is intended as an opportunity to share Amateur Radio with young people--licensed or not--in the hope that they'll enjoy the experience and possibly pursue their own license in the future.

Activity for Kid's Day <<http://www.arrl.org/FandES/ead/kd-rules.html>> takes place on 20, 15 and 10 meters and can include local 2-meter repeaters. It's an opportunity to introduce your own youngsters, neighborhood kids and nieces and nephews to participate to the magic of ham radio and perhaps spark a lifelong love for the hobby.

Kid's Day is not a contest, and patience is a must. The role of the licensee and control operator is to help with the basics, keep an eye on the technical aspects of the operation, observe third-party traffic agreements and be sure to ID at the proper intervals. In this event, it's quality of the contacts that counts, not quantity.

The suggested exchange for Kid's Day is first name, age, location and favorite color. It's okay to work the same station again if the operator has changed. Call "CQ Kid's Day." Suggested frequencies are 14,270 to 14,300, 21,380 to 21,400 and 28,350 to 28,400 kHz, and 2-meter repeater frequencies with permission from your area repeater sponsor.

All participants are eligible to receive a colorful certificate. Visit the ARRL Kid's Day Survey page <<http://www.arrl.org/FandES/ead/kids-day-survey.html>> to complete a short survey and post your comments. You will then have access to download the certificate page or send a 9x12 SASE to Boring Amateur Radio Club, PO Box 1357, Boring, OR 97009.

Originated by the Boring Amateur Radio Club <<http://jzap.com/k7rat/>>, the event now is sponsored and administered by the ARRL with the cooperation and assistance of the BARC.

*For Sale;* Jerry Karusz WB8LFO (440) 282-2123  
M-F 1-4 PM + all weekend after 12  
Icom 765, TS940AT, Icom 751, Icom 701, Henry  
2K floor model, Hazer heavy duty elevator, US  
Tower with rotator and Cushcraft A4.  
This is a moving sale.

Did everyone sell out at winterfest??

Credit companies spent millions lobbying for this, now they have it.

It is IMPORTANT to READ the message and call the number. And Just so's ya know, I DID call the number to find out if it was legit...it is!

Regarding your Credit: Personal Information goes public Starting July 1st, 2003.

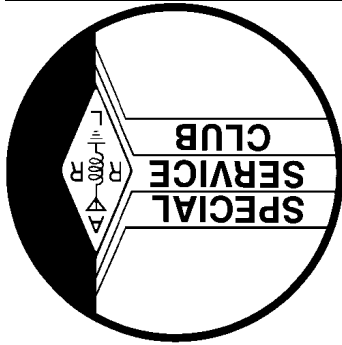
The four major credit bureaus in the US; (Novus, Equifax, etc.) will be allowed to Release credit info, mailing addresses, phone numbers, etc., to ANYONE who requests it. If you do not want to be included in this release of your personal information, you can call 1-888-567-8688.

Once the message starts you will want option #2 (even though option #1 refers to this email, push #2) and then option #2.

Be sure to listen closely, the first option is only for a two-year period. Make sure you wait until they prompt for the third option, which opts you out FOREVER. You should receive their paperwork in the mail confirming the "opting out" in less than one week after making the call.

The editor did this and it took aprox 4 weeks for the letter to arrive.

Listings e-mailed to [electro7@apk.net](mailto:electro7@apk.net) must include your call sign in the message. NOARS Log editor, Virden "Clark" Beckman N8PZD



Amateur Radio Home of the U.S.S. Cod

Northern Ohio Amateur Radio Society  
P. O. Box 432  
Elyria, OH 44036-0432



The **NORTHERN OHIO AMATEUR RADIO SOCIETY** is a Public Service Organization, with the purpose of education and the furtherance of the art.

Meetings are held on the Third Monday of each Month except December at **Gargus Catering Hall, 1969 N. Ridge Rd., Lorain, Ohio** at 7:30 P.M. The **NOARS 2 METER NET** is held each **Wednesday at 9:00 P.M.** on the **146.700/444.800** repeaters in Elyria, Ohio, located atop the E.S.T. Bank Building.

The **NOARS TECHNICAL NET** is held each **Thursday at 8:00 P.M.** on **146.700/444.800**.

**NOARS** also operates a **BBS (BARF-80)** 100% Ham Radio information and news, full open access to all users at **(440) 237-8208 24 hr.** 300 - 33,600 baud. Visit **NOARS** on the Internet at **<http://www.apk.net/noars/>**

The **NOARS** club station donated by manufacturers aboard the **WW II** submarine **U.S.S. Cod** in the port of Cleveland is open from Memorial Day to Labor day. The station is open to all **NOARS** members and their guests daily from 11 AM until 5 PM.

If this is your first copy of the **NOARS LOG** why not become a member and receive it monthly? Membership is open to anyone interested in communications, whether a licensed amateur or not. Dues are \$10.00 US per year for a licensed amateur, \$5.00 for an associate member, and \$2.00 for family members. Checks are to be made payable to **NOARS** and mailed to **NOARS MEMBERSHIP, PO Box 432, Elyria, OH 44036-0432**, please include your call sign. Please fill in the email location to improve contact with our members.

Please Indicate  NEW  RENEWAL  INTEREST IN HOBBY  CHANGES \* PHONE (\_\_\_\_) \_\_\_\_\_  
Name \_\_\_\_\_ CALLSIGN \_\_\_\_\_ CLASS \_\_\_\_\_ ARRL  Y/N  
Address \_\_\_\_\_ City \_\_\_\_\_ ST \_\_\_\_\_ ZIP \_\_\_\_\_  
E-mail address \_\_\_\_\_ May we send you the PDF newsletter?  Yes