

NOARS LOG

Volume 39, Issue 2

Welcome to *NOARS* Country

February, 2003



Club FM Repeaters

UHF: 449.800/444.800 MHz

VHF: 146.100/146.700 MHz

6 meters coming back soon

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

Columbia crew is mourned

New field day rules, Where is the DX ??

Listening post, Dayton DXer Dinner

Indiana tries again with antenna bill, Swap –N– Shop

Messages from the front table - Winter 2002/2003

Upcoming hamfests and events

16 Feb 2003 – Livonia ARC <http://www.larc.mi.org> Contact: Bruno Walczak
WA8DHP, 16601 Golfview Drive, Livonia, MI 48154-2139 * 734-464-8928
Email: wa8dhp@arrl.net

23 Feb 2003 - Cuyahoga Falls ARC <http://www.cfarc.org> Contact: Ted Sarah
W8TTS, 239 Bermont Avenue, Munroe Falls, OH 44262 * 330-688-2013
Email: w8tts@arrl.net

16 Mar 2003 – Toledo Mobile Radio <http://www.tmrahamradio.org> Contact: Brian
Harrington WD8MXR, 4463 Holly Hill Drive, Toledo, OH 43614 * 419-385-5624
Email: wd8mxr@arrl.net

23 Mar 2003 - Lake County ARA <http://hamnet.org/lcara> Contact: Roxanne, 7880
Fern Drive, Mentor-on-the-Lake, OH 44060-3233 * 440-209-8953 (Leave Message)
Email: roxanne@lcara.org

16-18 May 2003 – Hamvention Dayton ARA <http://www.hamvention.org/>

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, 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 – Doors open at 9 AM, pre-registration is appreciated, walk-ins taken. Contact Gary Dewey, 216-642-8705 – test dates March 9, 2003, May 4, 2003, July 13, 2003, September 14, 2003, November 9, 2003

Roll Call January 20

Sylvia Drake KC8TMC
Joni Roberts KB8BXH
Gary Gargus N8DIU
Ken Roberts KC8BQO
Joe Cebula W8GWD
Jim Eglin WD8IDN
Harold Drake WD8OFG
Ralph Wright KD8REW
Ray Smith W8ADV
John McKenna WD8IQJ
Patrick Sweeney KC8TBD
Doug Krucinski WD8BJY
Frank Hashier KB8IOM
Ted Shook W8TAS
Dee Dee Ohman KA8VTS
Clark Beckman N8PZD
Glen Thome N8AKS
Tedd Mirgliotta KB8NW
Rosemary Shook KD8SC
William Phillips KC8TYB

Winterfest weather was good and vendor turnout was again almost a sellout, only 3 tables did not sell, the vendors were thankful for the breakfast. The crowd who came to shop enjoyed doing this with fresh breakfast warm in the tummy, many new ideas were discussed over coffee and juice when extra breakfast orders were offered. Many new members signed up for the one buck special, a full report will be forthcoming at the next meeting.

Thank you everyone who came to WINTERFEST 73 NOARS.

This message is on page 4

Minutes of January 20, 2003 Meeting

Minutes of January 20, 2003 Meeting

The meeting was called to order by our new president, Ted Shook, W8TAS at 7:30 p.m. with 21 members and guests in attendance. The meeting began with the pledge of allegiance and roll call.

We will begin having a 50/50 drawing at every meeting. Harold and Sylvia will be in charge.

Minutes - There are no minutes because December was the Banquet.

Treasurer's Report - There is no report because Tom Porter, W8KYZ is on a trip to Washington D.C.

Newsletter (Clark) - The newsletter is locked up in the Rocky River Office Max, they had no electricity and the mall was dark. The newsletter will go out soon. Be sure to sign in with John, WD8IQJ to get on the new roster. The newsletter will be available for sure at the Winterfest. There will be a Tech net flyer also available. If anyone has something for the Swap and Shop, please write it out and give it to Clark.

DX Report (Clark & Tedd) - Ducee Island is a big Dx expedition will be on the air beginning around the 8th of March. They will be operating until the middle of March. There is a special event station in Spain. He will be operating for about three weeks. There is a lighthouse and light ship net that is going to be operating the second week of February. They will be active on 20 and 40 meters; the frequency will be 7.243 to 14.245. There will be more in the newsletter. The Great Lakes Division has a new DX advisor.

Membership/Roster (John) - The roster will be ready by the Winterfest. Those of you that are not members as of tonight will not be on the roster. After the Winterfest anyone who has not renewed their membership will receive a letter urging them to renew. A motion was made to purchase postage stamps and supplies to send out the letters not exceed \$50.00. The motion was passed.

USS Cod - Pearl Harbor Day was a great success, it was a beautiful day and there were a lot of people that showed up.

Nets - The nets are both running along real well, anyone wishing to get experience as net control contact one of the existing net control stations, the experience gained here can be vital in the 11th hour.

Field Day - There is a field day web page on the net, planning has begun for another fun filled outing.

Sunshine - We received an appreciation card from Nadia Cole, Ford Cole's wife because her brother passed away. Ned's mother is in the hospital. We sent a plant to Tedd Mirgliotta - KB8NW, he was in the hospital for open-heart surgery. He is now home and feeling better.

Repeaters - Glen Thome, N8AKS donated 2-12 volt batteries for emergency power at the Elyria site.

Winterfest - Ken is ready with the food, Doug, Al, Joni and Rosemary will help him. A separate ticket will be given with the entrance ticket for the free breakfast. We will be able to set up the tables in the hall on Saturday. Set up will be at 10:00 a.m. MFJ sent us a 45-amp power supply, which will be the main prize, and a DX alert 24-hour clock. ARRL sent us a 2003 Handbook and some other things.

Banquet - Everyone had a really good time. Approximately 81 people attended. Two door prizes were given away. The winner of the motion sensor night-light was Joni Roberts. The winner of the box of candy was Glen Thome.

Gary Gargus won the 50/50 drawing. - The meeting was adjourned at 8:20 p.m.

The Listening Post
 Wonder about your neighborhood or driving conditions?

- 154.875 – Lorain Cty Sheriff
- 155.415 – Lorain Cty Sheriff
- 154.370 – Lorain Cty Fire
- 155.805 – Lorain Cty EMA
- 851.1375 – RTA - Lorain Cty
- 155.730 – Elyria Police F1
- 154.875 – Elyria Police F2
- 159.030 – Elyria Police F3
- 460.6375 – Elyria Fire Dept.
- 154.755 – Amherst Police 1
- 154.875 – Amherst Police 2

- 155.685 – O.S.P. Turnpike W
- 155.790 – O.S.P. Turnpike E
- 158.985 – Operations West
- 159.165 – Operations East
- 45.020 – Radar Patrol Air
- 154.935 – L.E.E.R.N. Pri
- 154.680 – L.E.E.R.N. Snd
- 44.740, 44.860, 45.140,
- 45.860, 44.980, 44.820 – Ohio State Highway Patrol
- 415.200 – GSA Police
- 166.375 – Cuyahoga Valley National Park Rangers

- 460.200 – Medina Cty Shrf 1
- 460.300 – Medina Cty Shrf 2

- 155.610 – Cuyahoga W Police
- 155.370 - Cuyahoga W P 2
- 155.850 - Cuyahoga W P 3
- 155.535 - Cuyahoga W P 4
- 154.250 – Cuyahoga W Fire1
- 453.700 – Cuyahoga Cty roads
- 453.775 – Cuyahoga Metro Housing
- 461.075 – Cleveland Clinic Police
- 452.875 – RTA Rapid Trains
- 453.875 – Cuyahoga County Jail
- 453.600 – Cleveland Board of Education 1

If you were able to copy the message from last month page 7, here is another. Dah ditditditdit didah dahdit dahdidah, dahdidahdah dahdahdah dididah, dit dididah dit didahdit dahdidahdah dahdahdah dadit dit didahdah didididit dit, didahdah didididit dahdahdah, dahdidit didah dahdah dit, dah dahdah, didahdah didit dahdit dah dit didahdit dididahdit dit dididit dah didahdidahdidah, dahdahdididit dididit-dahdah dahdit dahdahdah didah didahdit dididit ..

AMATEUR RADIO COMMUNITY MOURNS LOSS OF COLUMBIA ASTRONAUTS

The flags of the United States, the ARRL and the International Amateur Radio Union (IARU) are flying at half staff at ARRL Headquarters as the Amateur Radio community has joined the rest of the world in mourning the loss of the seven shuttle Columbia astronauts. Through the Space Amateur Radio EXperiment (SAREX) and, more recently, the Amateur Radio on the International Space Station (ARISS) programs, amateurs have enjoyed a special relationship with the astronaut corps, many of whom are licensees. Three of the Columbia astronauts were Amateur Radio operators, and the ARISS program is a joint effort of ARRL, AMSAT and NASA. The STS-107 crew, headed by Commander Rick Husband, included Pilot Willie McCool, Mission Specialists Kalpana "KC" Chawla, KD5ESI; David Brown, KC5ZTC; Laurel Clark, KC5ZSU, Michael Anderson, and Payload Specialist Ilan Ramon, the first Israeli astronaut. Built in 1981, Columbia was the oldest shuttle in NASA's fleet and was the first to carry Amateur Radio. Retired astronaut Owen Garriott, W5LFL, became the first ham to operate from space in November 1983. Thousands heard W5LFL, and hundreds had direct QSOs with him on 2 meters. Refurbished in 1999, Columbia was on its 28th space mission. Columbia carried no Amateur Radio gear on its last mission into space,

NEW ENTRY CLASS FOR FIELD DAY 2003

Given the increased emphasis on emergency communications since September 11, 2001, the ARRL Board's Membership Services Committee asked that the Contest Branch come up with a way to accommodate stations wanting to operate from the local EOC. The new Class F station, operating from an EOC, is the result. The updated rules and a list of frequently asked questions in the new 2003 Field Day Packet <<http://www.arrl.org/contests/forms>> spell out the details. Class F stations are eligible for the same bonus points as Class A stations. Henderson encourages participants to post their Field Day experiences and photographs to the Field Day Online soapbox <<http://www.arrl.org/contests/soapbox/>>.

The 2002 ARRL 10-Meter Contest, December 14-15, 2002, was the most active 10-meter contest on record, it had the single highest number of participants returning logs of any single contest in League history. Other ARRL operating events that also saw increased numbers of logs over 2001 were Straight Key Night, up 22 percent; the ARRL 160-Meter Contest--a CW event--up 19 percent; the ARRL 10 GHz and Up Contest, up 11 percent; and ARRL Field Day, up by one-half of one percent. For the first time ever, the 160-meter event topped 900 entries. ARRL November Sweepstakes entries jumped between two and three percent for the CW and SSB weekends in 2002, Henderson said.

INDIANA MAKING ANOTHER ATTEMPT TO ENACT AMATEUR ANTENNA BILL

An Amateur Radio antenna bill has been introduced in the Indiana State Senate. State Sen Rose Ann Antich is the sponsor of Senate Bill 109, "Regulation of Amateur Radio Antennas." The bill parallels PRB-1 but also specifies a minimum regulatory height of 75 feet for amateur antennas.

"I believe this legislation deserves the support of all Indiana amateurs," said Indiana ARRL Section Manager James Sellers, K9ZBM, who urged everyone in the section to contact their state lawmakers and get behind the bill. "We need to get this bill passed by both the Indiana Senate and House and onto the governor's desk!" Sellers said. "Do it today!" A 2001 effort to get a similar Amateur Radio antenna bill through the Indiana General Assembly failed.

SB 109 declares that if a municipality or county adopts an ordinance, resolution or order involving the placement, screening or height of an Amateur Radio antenna that's based on health, safety or aesthetics, the measure must "reasonably accommodate Amateur Radio communications" and "represent the minimal regulation practicable to accomplish the municipality's or county's legitimate purpose."

Such a local ordinance, resolution or order also could not restrict the height of an Amateur Radio antenna to less than 75 feet above ground level. The bill would not prohibit a municipality or county from taking action to protect or preserve historical or architectural districts established under state or federal law.

The legislation got its first reading January 7 and has been referred to the Senate Committee on Governmental Affairs and Interstate Cooperation. No hearings have been scheduled.

A copy of the proposed legislation is available on the Indiana General Assembly Web site <<http://www.in.gov/legislative/bills/2003/IN/IN0109.1.html>>. If approved by both houses of the Indiana General Assembly, the measure would become effective July 1.

Information on contacting state legislators can be found on the Indiana General Assembly Web site <<http://www.in.gov/legislative/legislators/>>.

VHF/UHF band plans – helpful for contesting and digital modes

6 Meters CW/SSB/Digital

50.060-50.080 CW Beacons (unattended sub-band) see: <<http://www.keele.ac.uk/depts/por/50.htm>>

50.080-50.100 CW QSO's – 50.100-50.125 DX Window – 50.110 DX Calling Frequency

50.125 North American SSB Calling Frequency – 50.133-50.430 Voice Nets see: <<http://6mt.com/nets.htm>>

50.255 FSK441 lower practical limit for most QSO's – 50.270 FSK441 Calling Frequency

50.285 FSK441 upper practical limit for most QSO's – 50.290 SSB PSK31

50.291 BEACONet^31 (with +1500hz PSK audio) - 50.300 or 50.700 RTTY?

6 Meters 50.680 SSTV

2 Meters CW/SSB/Digital – 144.00-144.05 EME (CW) - 144.05-144.06 Propagation beacons (old band plan)

144.06-144.10 General CW and weak signals – 144.10-144.20 EME and weak-signal SSB

144.140 WSJT FSK441/JT44 calling frequency – 144.110 to 144.160 WSJT FSK441 or JT44 (around this area)

144.131 BEACONet^31 (with +1500hz PSK audio) - 144.150 SSB PSK/HELL/MFSK16/SSTV

144.200 National SSB calling frequency – 144.20-144.30 General SSB operation, upper sideband

144.275-144.300 New beacon band – 2 Meters FM Digital modes

145.500 SSTV (National SSTV Simplex FM Frequency) - 145.550 PSK31, Hellschreiber

70 Centimeters CW/SSB/Digital – 420.00-426.00 ATV repeater or simplex with 421.25 MHz video carrier control links and experimental

426.00-432.00 ATV simplex with 427.250 MHz video carrier frequency – 432.00-432.07 EME (Earth-Moon-Earth)

432.07-432.08 Propagation beacons (old band plan) - 432.08-432.10 Weak-signal CW

432.100 70 cm calling frequency – 432.11-432.20 WSJT JT44/FSK441 ?

432.150 SSB PSK – 432.10-433.00 Mixed-mode and weak-signal work – 432.30-432.40 New beacon band

Where's the DX? - Taken from Tedd KB8NW OPDX bulletin 02/03/03 – www.papays.com/

5X, UGANDA – Lot, DJ7ZG, informs OPDX that he and Babs/DL7AFS will be heading to Central Africa to be active as 5X1DC. They will operate from Ssesse Island, which is located in Lake Victoria near Entebbe. They will fly to Africa on January 26th. Lot states to listen for them from Uganda between February 9-23rd and to look for them on the usual DX frequencies. QSL via DL7AFS. For more detailed information, please visit the Web page at: <http://www.qsl.net/dl7afs/>

9Y, TRINIDAD & TOBAGO Sigi, DL7DF, will be on holiday from here and will be active as 9Y4/DL7DF from March 23rd through April 10th. Activity will be on all bands CW, SSB, RTTY, PSK31 and SSTV using amp.

8P, BARBADOS (Update) Tom, W2SC, will be active as 8P5A in the ARRL DX SSB Contest (March 1-2nd). Tom informs OPDX that he will be there the week leading up to the contest and will mainly be there to checkout the station, primarily on the low bands. Since the contest is SSB, Tom will exclusively be on that mode.

FM, MARTINIQUE Ed, AJ6V, will be operating from here using the callsign FM5BH between February 11-18th. Activity will include the ARRL DX CW Contest (February 15-16th) as a Single-Op/All Band entry. Outside of the contest he will mainly be active on SSB. QSL via W3HMK.

IQ/IU, ITALY (Prefix News) - Andy, IV3SKB, informs OPDX that the "IQ" prefix will now be used only for club stations in Italy. Andy states in the past he used the callsign IQ3X in major contests and will now change his contest callsign to IU3Y. Look for him to be active in the ARRL DX CW Contest as IU3Y and as a Single-OP on 40 meters. QSL both callsigns direct or via the bureau to IV3SKB.

J3, GRENADA – William, VE3EBN, will be active as J37LR from January 31st through April 2nd. Activity will be CW/SSB on 80-10 meters. QSL via his home callsign VE3EBN.

PJ2, CURACAO Operators Tom/AE9B, Marty/NW0L and Jerry/WB9Z will be active in the ARRL DX SSB Contest (March 1-2nd), signing PJ2T. QSL PJ2T via N9AG. Look for all 3 operators to sign PJ2/homecall, on SSB, CW and RTTY before and after the contest from February 26th through March 4th. There will be an emphasis on the WARC bands. QSL non-contest QSOs via home callsigns.

PJ7, SINT MAARTEN William, W8EB, will be active as PJ7/W8EB from February 23rd through March 23rd. His activity will include the ARRL International DX SSB Contest (March 1-2nd) as PJ7B and as a Single-Op/All Band entry. Activity outside of the contest will be on 160-10 meters CW, SSB, RTTY and PSK-31. QSL both callsign via W8EB.

S2, BANGLADESH – John, KX7YT, informs OPDX that he will be active as S21YV from Dhaka between January 27th and March 2nd. Activity will be on 20/15/10 meters SSB, PSK31 and CW. His usual operating times will be between 1200 to 1600z daily. John will be active during the ARRL CW and Phone DX Contests, work schedule permitting. QSL to John's home callsign, KX7YT.

TI8, COSTA RICA Operators Chadwick/K4UN, Carlos/TI2KAC, Fred/W4BD and possible others will be active as TI8/K4UN during the ARRL International DX SSB Contest (March 1-2nd) as a Multi-2/All Band entry. QSL via K4UN. They will be active a little over a week before the contest, and activity outside of the contest will be on 160-10 meters primarily on SSB with the possibility of some CW and PSK31.

VP6/D, DUCIE ISLAND (More Updates) - More details were released this past week on the second Ducie Island DXpedition. Activity is expected on March 8th or 9th, depending upon seas and weather. Stu, WA2MOE, states the callsign will NOT be released or announced just before the operation begins to avoid slim activity. The announcement will come from Kan, JA1BK, or Stu, WA2MOE. The operators will use SSB, CW and RTTY from three sites on all HF bands, 6 meters and the AO-40 satellite. However, the main bands to be used will be 20 and 15 meters (QRV 24 hours). The official Web page for the second Ducie Island DXpedition is at: <http://www.qsl.net/wd4ngb/ducie.htm>

Swap n Shop

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 – we will miss you Jerry – nice to see you at the banquet.

Did everyone else sell out at the Winterfest?

Continued from page 4

Entries received for the ARRL international DX Contest remained approximately level for each mode last year as did submissions for the ARRL's four major VHF-UHF-SHF events in 2002. Henderson said the move to require Cabrillo-format electronic logs has proved a major boon to the Contest Branch. The elimination of most manual log entry has moved up the posting of contest results by about a month, he said. He said he expected the Contest Branch would be fine tuning electronic log-processing during 2003. Rules for all ARRL-sponsored operating events are available on the ARRLWeb site <<http://www.arrl.org/contests/calendar.html>>.

Steve Bolia, N8BJQ, reports: "The Southwest Ohio DX Association is pleased to announce the Eighteenth Annual DX Dinner to be held on Friday, May 16th, 2003, at the Crowne Plaza Hotel, Dayton, OH. There will be a cash bar at 6:30 PM and dinner at 7:15 PM. Tickets are 34.00 USD and must be purchased in advance. Groups wishing to sit together must order as a group. Please make your check or money order payable to SWODXA and send an SASE for ticket return. Seats will be assigned in the order that requests are received. Seats will be assigned on March 16, 2003. Seating is limited." Please order tickets from: Steve Bolia, N8BJQ, 7354 Thackery Rd, Springfield OH 45502 For information on the dinner, check the Web page at: <http://my.erinet.com/~n8bjq/> Or contact Steve Bolia, N8BJQ at (937) 788-2803

FCC INVITES COMMENTS ON AMATEUR-RELATED PETITION

Comments are due February 28 on another Petition for Rulemaking filed by Dale Reich, K8AD, of Seville, Ohio.

Reich has petitioned the FCC to require sellers of two-way voice or data equipment to keep on file a buyer's name, address, telephone number and "any future information when selling a radio that required licensing under the current FCC rules." Information collected would remain private, available only to the FCC or law enforcement. Reich said in his petition that, under his proposal, any retail vendor would be able to ask local police to investigate if the retailer suspected that the radios were not going to be used in compliance with the law.

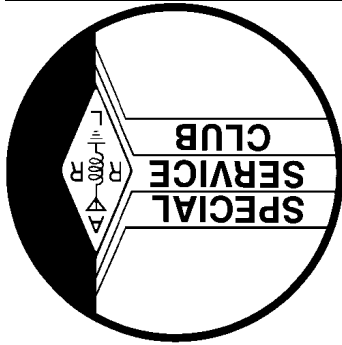
A separate petition would require "ownership and license tagging" for gear operating under Parts 5, 15, 18, 74, 80, 90, 95 and 97, including call sign, owner's name and address and any FCC file number. It would include CB, Family Radio Service, Multi-Use Radio Service and General Mobile Radio Service gear. In his petition, Reich said such tagging used to be an FCC requirement and that his proposed change was long overdue as a needed tool for local law enforcement.

The FCC has lumped both petitions into one, designated as RM-10641. The full text of Reich's petitions is available on the FCC Web site <http://gullfoss2.fcc.gov/>

Long time NOARS member Willard "Willie" Waite W8GDQ passed away on Friday (Feb. 6th). Some of us marveled at how he would operate thru thunderstorms on his 160 meter transmitter while lightning crashed around the area, he seldom heard the noise while listening. 08-15-1915 to 02-06-03 a good long life and a supporter of NOARS for a long time, we know you are up there tinkering and listening.

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

For those that have not reviewed the topic of possible war... Perhaps we should all be checking over: Sec. 97.407 Radio amateur civil emergency service. <http://frwebgate.access.gpo.gov/cgi-bin/get-cfr.cgi?TITLE=47&PART=97&SECTION=407&YEAR=2000&TYPE=TEXT>
Also: FEMA; Civil Preparedness Guide; Guidance For Radio Amateur Civil Emergency Service <http://www.fema.gov/library/civilpg.shtm>
Please notice: Chapter 3 - Operations - War Time Emergency Situations and RACES Drills <http://www.fema.gov/library/civilpg.shtm#3>



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