

# NOARS LOG

Volume 38, Issue 1

Welcome to *NOARS* Country

January, 2002



## **Club FM Repeaters**

UHF: 449.800/444.800 MHz

VHF: 146.100/146.700 MHz

52.130/53.130 MHz

144.550/145.150 MHz

Home of BART the DX ALERT

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

## **2001 EXECUTIVE OFFICERS**

President: Clark Beckman, N8PZD

Vice President: John Schaaf, K8JWS

Secretary: DeeDee Ohman, KA8VTS

Treasurer: Tom Porter, W8KYZ

License Trustee: Mike Willemin, W8EU

## **NOARS STANDING COMMITTEES:**

A.R.R.L. / VE: Ola Sloane WD8MOU

DX Member: Tedd Mirgliotta KB8NW

Banquet: Gary Gargus N8DIU

Property Manager: Ned Jones WD8CSP

U.S.S. Cod: Ted Jones KA8WMX

K8KRG

ON-THE-AIR NETS

**WD8IQJ – K8JWS**

NOARS Net Wednesday 9:00 P.M.

**K8WRS – KB8WOW**

NOARS Tech Net Thursday 8:00 P.M.

146.700 – 444.800 – 53.130

In this issue;

NOARS December Banquet winners list

Upcoming Events

NOARS new membership = one dollar

Texas Ice Storm strands thousands

The meaning of Ham Radio 2002

Space Missions for 2002

## Messages from the front table - Winter 2001/2002

### Upcoming hamfests and events

ARYC Jan 19th <http://www.qsl.net/aray> Clay Hewitt, KF8UI 810-233-7889

Hazel Park MI Jan 20th <http://www.qsl.net/w8hp> Jeff Albrecht, N8WR 248-642-3608

NOARS Winterfest Feb 3d, Gargus Hall – John Schaaf K8JWS 216-696-5709

Mansfield Feb 10th <http://www.maser.org> Scott Yonally, N8SY 419-522-9893

Cuyahoga Falls Feb 24th <http://www.cfarc.org> Ted Sarah, W8TTS 330-688-2013

NOARS dues may be paid anytime during the year or at our hamfests, be sure to include your callsign on your check if you mail it into the PO box. You will find our dues are the most affordable of any ham radio club around the area, we offer many award plaques, 4 voice repeaters – most with linking capabilities, most with autopatching, weekly nets to find many forms of technical assistance and recruits for public service are often listening on hand, good refreshments at meeting and great fellowship at all activities.

#### **NEW NOARS MEMBERSHIP is ONE DOLLAR !!!!**

New for 2002 – If you are interested in joining the ARRL contact one of our officers for a membership form, when you join ARRL/QST through the club, we will submit the form for you and the ARRL continues to recognize us as a Special Service Club, there is a one time 15 dollar bonus for the club.

Make your check payable to NOARS, with a note about ARRL membership including your callsign.

Thanks from NOARS

Amateur Radio Emergency Communications Course January registration:  
Registration for the Level I Amateur Radio Emergency Communications Course (EC-001) will open Monday, January 7, 2002, at 4 PM Eastern Time.  
Registration for Level II (EC-002) will open on Monday, January 14;  
registration for Level III (EC-003) will open January 21. Courses must be completed in order, starting with Level I.

To learn more, visit the ARRL Certification and Continuing Education Web page <<http://www.arrl.org/cce>> and the C-CE Links found there. For more information, contact Certification and Continuing Education Coordinator Dan Miller, K3UFG, [cce@arrl.org](mailto:cce@arrl.org).

### 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

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

## Minutes will return next month... editor

The 2002 NOARS WINTERFEST to be held February 3d, 2002, at Gargus Catering Hall is at 1965 North Ridge Road, Lorain, Ohio  
North Ridge Road is also known as RT 254 or Detroit Road.

We will open the doors to the public at 8:00 AM till 1:00 PM,  
vendors may arrive at 6:00 AM to set-up

Admission cost is \$5.00 including a \*FREE\* pancake/sausage and coffee breakfast  
6 Ft. Tables cost \$10.00 each – all workers will need admission tickets.

Contact John Schaaf (216) 696-5709 for reservations.

No RF emitting prize will be awarded to a non ham. Instead, the equivalent cash amount of the prize won will be awarded at club cost of the prize won.

Mobile Check-ins and directions to provided on NOARS repeaters 53.13 – 146.70 – 444.800 +

We look forward to seeing you there, everyone attending has a great time visiting vendor display booths to take advantage of special bargains on new equipment and locating used items that have been out of production, being able to share the visit with old friends, introduce them to new friends and enjoy the fellowship with breakfast.

—> The 1 dollar new membership offer will end at 12:00 at this event <—,  
you may bring in your form printed from the NOARS membership application page along with 1 U.S. Dollar and be entitled to full membership until December 31, 2002. You will receive the NOARS Log via e-mail transmission in place of the printed newsletter, this is an outstanding offer, don't let it slip away.

Directions from the East - Take I-90 or the Ohio turnpike west to Rt 57 exit. Proceed North on Rt 57 under the railroad bridge to the first main cross road, turn left to the west. Get into the right hand or curb lane, the hall is about one-half mile west of Rt 57. The driveway is 200 feet west of Clinton Road, just East of Marco's Pizza shop.

Directions from the West - Take I-90 or the Ohio turnpike East to Rt 57 exit. Proceed North on Rt 57 under the railroad bridge to the first main cross road, turn left to the west. Get into the right hand or curb lane, the hall is about one-half mile west of Rt 57. The driveway is 200 feet west of Clinton Road, just East of Marco's Pizza shop.

Directions from the South - Many roads cross Ohio Rt 57, Follow Rt 57 North thru Elyria, turn right to follow Rt 57 North towards Lorain - this will take you towards Midway Mall. Proceed North on Rt 57 past the Ohio Turnpike, Midway Mall and Ohio Rt 90, under the railroad bridge to the first main cross road, turn left to the west. Get into the right hand or curb lane, the hall is about one-half mile west of Rt 57. The driveway is 200 feet west of Clinton Road, just East of Marco's Pizza shop.

The motel list – thanx from A-1 Recharges;  
Super 8 Rt. 57 at I-80 1-800-800-8000  
Days Inn on Rt 57 at I-80 1-800-325-2525 - indoor pool  
Econo Lodge Rt 57 at I-80 1-800-533-2666

### Northern Ohio Amateur Radio Society December Banquet wrap-up

The winners list Grand Prize – Al N8CX 4 days – 3 night stay on Hilton Head Island

Main raffle – DeeDee KA8VTS – 13 inch color tv/vcr combo

Main second – Ron K8VJG – Closs AM/FM remote control tabletop radio

Main third – Cris Crobaugh NU8R – George Foreman Grill

Main fourth – Michele Sealy SWL – 900 MHz Cordless Phone

Christmas Wreath – Alice Penner KB8DJR

Bottle 807 – Bill WD8IPU

50/50 Jean Bentley – \$83.00

Ladies Fruit Basket – Sylvia Drake

### Texas all-service MARS team heads off problems for stranded soldiers:

It certainly wasn't among the more serious incidents during the year-end weather onslaught in the southwest, but this story does typify the ingenuity and dedication of ham radio operators in an emergency. MARS Public Awareness Coordinator Bill Sexton, N1IN/AAA9PC, says a number of soldiers on leave from Ft Hood in Texas found themselves among the 100,000 people cut off by ice storms during the Christmas holiday without transportation or communication. Army Military Affiliate Radio System member Jerry Keisler, WA5KZA/AAR6KR, took time out from relaying emergency situation reports to inform Fort Hood of the soldiers' predicament, saving them from being listed as "absent without official leave" or AWOL. Sexton reports that members of Air Force, Navy-Marine Corps and Army MARS worked with ARES and RACES operators to maintain communication in and out of the ice storm area.

For more information on MARS visit <http://www.hqasc.army.mil/mars> . Bill Sexton, N1IN/AAA9PC

### NOARS allows new members a \$1.00 new membership !!

"We want to expose our group to the new hams and if we bring back some old friends that is fine also" reports Northern Ohio Amateur Radio Society president Clark Beckman N8PZD, "We have a wide area of interest in this group along with some record holders and that can result in a lot of questions being answered quickly by experienced radio operators comparing various communication technology advances with each other."

Just a dollar you ask? That is correct, no trip to the eye doctor is needed, NOARS is accepting from new member candidates a one dollar membership. This concept follows after the Parma Radio club offer at the 2001 Cleveland Hamfest, this offer is only good if you are not a NOARS member in good standing and will keep you in NOARS until the end of calendar year 2002. This offer will close at 12:00 PM February 3d at the NOARS Winterfest, membership applications received postmarked after February 3d will not be processed for the one dollar new member rate. These new members will not be mailed a paper newsletter but an electronic transmission instead.

TO MICHIGAN and OHIO HAM RADIO NEWSLETTERS  
FOR IMMEDIATE RELEASE

Michigan ARRL Section Manager Dick Mondro, W8FQT, is a dedicated University of Michigan alumnus and normally would not be caught dead wearing anything marked Ohio State University - a historic college football rival.

But he must endure this photo of him in a OSU jersey, published in ham radio publications, after losing a bet with Ohio Section Manager, Joe Phillips, K8QOE, last weekend. Both Section Managers bet on the outcome of the Ohio State-Michigan football game at Ann Arbor, Michigan. OSU and Joe won by a score of 26-20 and so Joe will not have to embarrass himself in a Michigan clothing. "I can't believe have to have anyone see me in these colors," said a chagrined Dick, "now I can't wait to get back in my Maize and Blue colors and forget this ever happened."



NEW HAMPSHIRE ANTENNA DECISION UPHOLDS PRB-1

A New Hampshire ham appears to have won a battle to erect an antenna support structure on his property. It remains to be seen, however, whether Jerry Muller, K0TV, of Hudson will be allowed to erect the extensive system of towers that he'd originally planned. In a 4-0 vote, with one justice abstaining, the Supreme Court of New Hampshire reversed a lower court ruling that ordered Muller, an ARRL Life Member, to dismantle the three towers he had erected on part of his six-acre residential tract. Writing for the court in *Marchand v. Town of Hudson*, New Hampshire Chief Justice David A. Brock concluded that the lower court's order requiring Muller to dismantle his towers violated the limited federal preemption known as PRB-1 as well as New Hampshire's statutory codification of PRB-1. "In light of the FCC's clear directive, we agree that the superior court erred when it ordered the towers removed," Brock stated in a ruling issued December 31, 2001. The Supreme Court ruling vacates the dismantling order and sends the matter back to the town's zoning board of adjustment for consideration in light of PRB-1. ARRL New England Division Vice Director and Volunteer Counsel Mike Raisbeck, K1TWF, represented Muller in written and oral arguments before the New Hampshire Supreme Court. ARRL General Counsel Chris Imlay, W3KD, also filed an amicus brief on ARRL's behalf. Unlike many amateur antenna battles, this case did not pit Muller against the town. In December 1998, Muller applied for a permit to erect three 100-foot antenna structures on his property, and the Town of Hudson granted the permit. Three of Muller's neighbors appealed the grant of the permit, but the Hudson ZBA affirmed the grant. The neighbors then sued the town and won, resulting in the order for Muller to dismantle that's now been vacated. While Muller has won the right to get on the air in some capacity, he will still have to make a case for his proposed three-tower installation. Brock agreed with the lower court that Muller's three-tower installation did not qualify as a "customary, incidental and subordinate" accessory use permitted by Hudson's ordinance. Another amateur in Hudson has a tower at the same height, but there are no instances of three such towers on the same property. Raisbeck explained that New Hampshire's accessory use statute relies on the prevailing local, not statewide, standard. Nevertheless, Brock said that Muller's installation may be permitted within the framework of PRB-1, if Muller can demonstrate that his three towers are necessary to "reasonably accommodate" his communications needs. Thirteen states have incorporated PRB-1 into their statutes. The full text of the New Hampshire Supreme Court decision is available on the Court's Web site <<http://www.state.nh.us/courts/supreme/opinions/0112/march221.htm>>.

## ARISS packet system to be activated:

The ISS Expedition 1 crew was expected to turn on the packet system sometime this week. The Amateur Radio on the International Space Station packet system will identify as RZ3DZR-1. It will uplink on 145.99 MHz and downlink on 145.80 MHz. When the system is activated and the ISS is within view, Earth stations can expect to hear a periodic beacon every two minutes. Earth stations may send unformatted informational (UI) packets to the ISS (ie, it should be operational for APRS beacons). Earth stations are asked to refrain from using the Packet Mailbox System at this time, however, since the crew does not have the computer hooked up to read messages. Do not transmit on the packet uplink until you have heard the packet beacon.

If you copy the packet system, let ARISS know and save your information for a future QSL card.

For more information on ARISS, visit the ARISS Web site, <http://ariss.gsfc.nasa.gov/> .

de Frank Bauer, KA3HDO

## Upcoming 2002 space shuttle missions, your chance to make contact in outer space.

Listening on 145.800, uplink packet on 145.990 or phone on 144.90 MHz to the ISS or shuttle.

February 21, 2002 - Columbia (OV-102) 11 days  
April 4, 2002 - Atlantis (OV-104) 11 days  
May 2, 2002 - Endeavor (OV-105) 10 days  
June 27, 2002 - Columbia (OV-102) 16 days  
August 1, 2002 - Atlantis (OV-104) 11 days  
September 6, 2002 - Endeavour (OV-105) 10 days  
January 16, 2003 - January 16, 2003 10 days

## What is ham radio anyway?

Amateur radio exists because it is a medium for:

- 1) self training
- 2)intercommunications
- 3)technical investigation

Those that see the internet as a "better" medium, fail to understand the nature of amateur radio.

Amateur radio is not a medium for communications,  
but for technical investigation of the means by which that communications occurs.

Take away that dimension and amateur radio is nothing more than just "cb."

Taken from eham.net -> WA4DOU

# Swap n Shop

*For Sale:* Vic Woconish N8TN – (440) 365-6672 – woconish@juno.com

Tri-Band 10, 15, 20 meter driven element – good condition & \$80.00

15 meter driven element with omega and gamma match – good condition \$50.00

*For Sale;* Tedd KB8NW, 72 ft crank and tilt tower located in Independence, he loads – you transport. Get-on-the-air in a big way today! Asking \$1200.00 (440) 237-8208

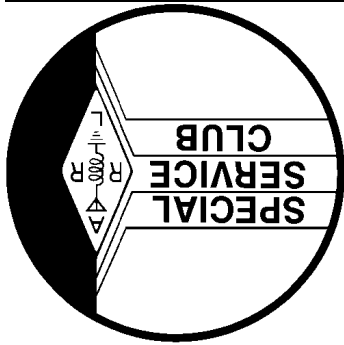
*For Sale;* N8HDE Bob has tower available with A4S antenna, other antennas may be salvageable from this project.

Bill Easterday, KB8FU. Phone (440) 365-4001

Yaesu FT-747GX 160 - 10 Meter 100 Watt Transceiver, 500 kHz - 30 MHz General Coverage Receiver with Optional FM Module and Service Manual \$400 – Dentron AT-1K Antenna Tuner with Built-in Five Position Coax Switch \$75 – Heathkit HW-2036A 10 Watt 144-148 MHz Mobile with CTCSS Encode and Touch Tone Microphone \$50 – Kenwood TM-231A 50 Watt Two Meter Mobile with CTCSS Decode Option and Service Manual \$125 – Van Gordon G5RV (102 Feet Long), 80 - 10 Meters \$25 – MFJ 1773 Portable 30 Meter Dipole \$15 – Cushcraft A220-7 Seven Element 220-225 MHz Beam \$40 – Antenna Specialists Avanti AP450.5G Glass Mount UHF Collinear Antenna \$30 – Larsen LM-220 5/8 Wavelength 220-225 MHz Antenna with LM-MM Magnet Mount \$35 – Larsen LM-UHF Collinear 440-450 MHz Antenna with LM-MM Magnet Mount \$40 – AEA 1/2 Wavelength Telescopic Two Meter BNC Antenna \$10 – Larsen KD4-146-HQ Part Helical/Part 1/4 Wave Two Meter BNC Rubber Duck \$15 – Larsen KD4-222-HQ Part Helical/Part 1/4 Wave 220 MHz BNC Rubber Duck \$15 – Larsen Two Meter, 220 MHz and 440 MHz BNC Stubby Ducks \$10 ea. – Larsen KD4-2/70 Dual Band Two Meter/440 MHz BNC Antenna \$15

Bill Easterday, KB8FU. Phone (440) 365-4001  
Yaesu CD-15 Desktop Rapid Charger & NC-72B Power Supply for VX-5R \$35 – Icom IC-2AT 144-148 MHz Transceiver with Com-Spec. CTCSS Encode \$50 – Icom IC-3AT 220-225 MHz Transceiver \$75 – Icom IC-4AT 440-450 MHz Transceiver with Com-Spec. CTCSS Encode \$75 – Two Heavy Leather Cases with Velcro and Snap Closures for IC-2/3/4AT \$10 ea. – Icom BC-35 Desktop Rapid Charger for IC-2/3/4AT \$35 – Several Icom BP-3 270 mAh and BP-4 AA Battery Cases – ICE 8.4 Volt 900 mAh Battery and Extra Cell Cluster for IC-2/3/4AT \$30 – Periphex 8 Cell AA Battery Case for IC-2/3/4AT \$10 – Icom CP-10 Remote Battery Adapter with Belt Clip for IC-2/3/4AT \$5 – JABRA Lapel Microphone with Assorted Gel Ear Pieces for Icom & Compatible Radios \$10 – Radio Shack 19-1122 30 Watt Two Meter FM Power Amplifier with Helical Filter and Pre-Amp \$35 – Antenna Specialists ASA-6025-04 25 Watt FCC Type Accepted 432-512 MHz FM Power Amplifier \$50

Bell & Howell/Heathkit Solid State Triggered Sweep Oscilloscope \$25 \$25 – Optoelectronics Model 2210 2.2 GHz Frequency Counter \$50 – Home-brew 8 Digit Frequency Counter \$10 – Heathkit IT-121 In-Circuit/Out-of-Circuit Transistor Tester \$25 – Parallax #27200 BASIC Stamp II Programming Package and Prototype Board \$20



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 **146.700/444.800/53.130** 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 **146.700/444.800/53.130**. **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 Indicate \_\_\_\_\_ NEW \_\_\_\_\_ RENEWAL \_\_\_\_\_ CHANGES \* PHONE (\_\_\_\_) \_\_\_\_\_  
Name \_\_\_\_\_ CALLSIGN \_\_\_\_\_ CLASS \_\_\_\_\_ ARRL \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ ST \_\_\_\_\_ ZIP \_\_\_\_\_  
E-mail address \_\_\_\_\_