

# NOARS LOG

Volume 36, Issue 7

Welcome to *NOARS* Country

July, 2000



## **Club FM Repeaters**

UHF: 449.800/444.800Mhz

VHF: 146.100/146.700Mhz

144.550/145.150Mhz

Home of BART the DX ALERT

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

## **2000 EXECUTIVE OFFICERS**

President: John Schaaf, K8JWS

Vice President: Larry Dietcher, KB9KSR

Secretary: Clark Beckman, N8PZD

Treasurer: Tom Porter, W8KYZ

License Trustee: Mike Willemin, W8EU

## **NOARS STANDING COMMITTEES:**

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

A.R.R.L. / VE: Mike Willemin W8EU

DX Member: Tedd Mirgliotta KB8NW

Banquet: Gary Gargus N8DIU

Property Manager: Ned Jones WD8CSP

U.S.S. Cod: Bob Goff KA8YDS,  
Don Winner WD8RZG

K8KRG

ON-THE-AIR NETS

**WD8IQJ – K8JWS**

NOARS Net Wednesday 9:00 P.M.

NOARS Tech Net Thursday 7:00 P.M.

**K8WRS – KB8WOW**

146.700 – 444.800

## **IN THIS ISSUE :**

August 21st - NOARS picnic

10 most wanted DX countries

Frequency movie promotion award

ATV shows bomb drill in Wichita

Australia announces 5 WPM requirement

W1AW gets facelift

## Messages from the front table - Summer 2000

Coming Soon ....

August 21st, NOARS picnic

Northeast Ohio Skywarn  
Season – be prepared

August 21st program is the annual NOARS picnic, NOARS will provide the meat and drinks. This takes the place of our formal meeting and allows faces to match the voices heard on-the-air. We ask for you to bring a covered dish or dessert item, and relax among extended friends brought together by the magic of amateur radio.

Don't forget to renew your ARRL membership through NOARS. If you send your ARRL/QST renewal through the club, we will renew for you and the ARRL recognizes us as a Special Service Club. Just send it to us a little early and we will make sure it gets to them on time. Make your check payable to NOARS, with a note about ARRL dues..

Thanks from NOARS 2000 President. See you all at the next meeting! John W. Schaaf, K8JWS.

Thanks to D.J. Murray W8DJM who brought in a running demonstration of a recently popularized digital mode – PSK31. He quickly suited up his Kenwood 820 to an outdoor vertical antenna and connected a laptop computer to gather information from the faint signals. This mode works through all kinds of noise including no noise, that is not a typo error, the ordinary human ear cannot hear the Phase Shift Keying that makes this mode unique, so what sounds like nothing at all can really be a QSO in progress. To see this mode you must connect your transceiver to a computer using one of the variants of windows operating systems, and have a sound card installed to act as the ears and mouth similar to packet except everything is inside the box instead of being an additional box. The unit which D.J. had was built from plans in the ARRL magazine QST, there was also literature passed around from West Park RadioOps who have combined this newer mode hardware with slow scan television circuitry to make a mega-multi-mode system.

### July 17th Roll call

Get on this list, your input benefits the whole club.

D.J. – W8DJM  
Clark – N8PZD  
Larry – KB9KSR  
Lynn – WD8SDP  
William – KB8FU  
John – WD8IQJ  
DeeDee – KA8VTS  
Gary – N8DIU  
Ted – W8TAS  
Rosemary – KD8SC  
John – K8JWS  
Tom – W8KYZ  
Fred – W8ADW  
Harold – WD8OFG  
Joni – KC8BXH  
Ken – KC8BQO  
Tedd – KB8NW  
Ford – N8ARA  
Bob – KA8YDS  
Bob – WA8OBA

### GUEST LIST

Judy – KB8LHU  
Stephanie – SWL  
Charlene – SWL

## Minutes of the meeting July 17th, 2000

Meeting called to order at; 20:10 local time by President John Schaaf K8JWS

Roll call taken, 3 guests present

Minutes read in newsletter, motion to accept W8ADW, 2nd by KA8VTS

Treasurer's report read, motion to accept WD8SDP, 2nd by W8DJW

Committee reports as follows;

Newsletter; editor apologized for not getting the ladies activities listed in NOARSFEST ad (it is in the short ad in the swap-n-shop section, ed)

DX; BART was revived by N8PZD and soon to be modified for remote operation.

Nets; adjustment needed for voice messages in controller at Elyria site

Field Day; Clark reported weaker than normal turn-out and resigned as field day chairman this should allow ample time for replacement – more to follow.

Banquet; December 2nd date is secured, ticket deadline is November 17th without late fee, web page has the updates.

Contesting;

Hamfests; NOARSFEST has shown a good turnout, we need to look towards a scout troop or 4h club for help with set-up/teardown

USS Cod; A lengthy discussion about who belongs to what equipment aboard USS Cod, almost everyone involved with obtaining equipment was NOARS members, every individual involved indicated the transceiver, amplifier, tuner and other ham radio equipment including antennas are NOARS except for the Rohn tower which was donated to the submarine for mounting security lighting. Every piece of literature distributed since 1983 refers to the station as NOARS property, NOARS erected the station and still maintains the equipment, operates the QSL program, generally provides operators although with increasing travel costs enthusiasm has been slowing down, hopefully with the changes in licensing we can get more time aboard to operate. Fred W8ADW made good use of the original long wire and Clark N8PZD reworked the antenna tower for the 40th anniversary party last August and made several Atlantic ocean island contacts using the beam system, we want to get new feed-line and rotor cable into the radio room. Somehow since the passing of long time K8KRG trustee Dave Willemin, the recently formed USS Cod radio club feels the station gear is theirs.

Sunshine; Christopher Schaaf Baby Boy card sent to K8JWS

Repeater Maintenance; N8PZD is reprogramming the BART unit to accept commands to suppress announcements.

Old Business; new member introduction sheets will be passed out at the picnic.

New Business; WD8IQJ volunteered to be field day chairman and began recruiting band teams, there will be a captain for each band and that person will get everything he or she needs to operate that band. The field day box will be dumped out and sorted through for any needed repairs to help out the team captains.

Up Coming Events; August 21st annual club picnic, bring a friend and introduce them to the voices heard on-the-air

Motion to adjourn; 21:30 by W8ADW, 2nd BY N8ARA

Joni KC8BXH won 50/50 raffle, John WD8IQJ won ARRL gift for helping at NOARSfest.

NOARSFEST 2000 Ladies activities report  
 Ladies Hourly Prize Drawing  
 9:00 am: Fanny Pack +\$5.00  
 10:00 am: Canvas Sport Chair  
 11:00 am: Casserole Server  
 Noon: Gift Set from Bath & Body Works

Bingo played from 10:30 to 11:00  
 Various prizes were given.

Also goody bags were given to the first 25 ladies who signed up for the drawing, 40 overall signed up. For the drawing, the ladies were very appreciative of what NOARS had done for them, and are looking forward to NOARSFEST 2001

Thank You to the following for the generous donations;  
 John Paul Jones: Radio Link  
 State Representative & Mrs. Dan Metelsky  
 Ron Meholic: State Farm Ins.  
 Nick Abraham: Nick Abraham Buick  
 Lorain County Visitors Bureau

A Special Thanks to Marilyn Jones, DeeDee Ohman and Ashleigh Arndt for all of their help.

Rosemary Shook, ladies activity co-ordinator

With help from so many new ARRL Publications...you'll be at the forefront of ham radio.

New ARRL License Manuals  
 License restructuring simplified the process of earning your first license and upgrading. There are now a total of 3 written examinations, and a single Morse code test (5 WPM). ARRL's New License Manual series covers everything you need to ace the new FCC license exams. It's as easy as 1...2...3! STEP 1 -- TECHNICIAN Exam Requirement: 35 question Technician test (Element 2); NO Morse code exam.  
 License Materials: "Now You're Talking!"--All You Need For Your First Amateur Radio License. 4th edition. ARRL Order No. 7970--\$19 plus shipping

"ARRL's Tech Q&A"--The Best Questions & Answer Book! 2nd edition. ARRL Order No. 7873--\$12.95 plus shipping. QUICK ORDER on the ARRLWeb:<http://www.arrl.org/catalog/?item=7873>.

STEP 2 -- GENERAL (upgrade from Technician) Exam Requirements: 35 question General test (Element 3); 5 WPM Morse code test (Element 1).

License Materials: "The ARRL General Class License Manual"--Upgrade your license to H. F.

privileges and WORK THE WORLD! 4th edition. ARRL Order No. 8004--\$15 plus shipping.

"Your Introduction to Morse code"--Pass the 5 WPM code test! cassettes, ARRL Order No. 5986--\$12 plus shipping.

<http://www.arrl.org/catalog/?item=5986> audio CDs, ARRL Order No. 5811--\$14 plus shipping.

<http://www.arrl.org/catalog/?item=5811> STEP 3 -- EXTRA (upgrade from General) Exam Requirement: 50 question Extra test (Element 4).

"The ARRL Extra Class License Manual"--COMING LATE-SUMMER 2000

<http://www.arrl.org/catalog/?item=8101>

## Australia makes 5 WPM official: Australia officially has adopted a 5 WPM

Morse code examination requirement for full access to the H.F. amateur bands. In an announcement in the Commonwealth of Australia Gazette on July 12, the Australian Communications Authority changed the amateur regulations for the VK Intermediate grade license that requires 5 WPM Morse code proficiency. By that action, the ACA lifted the previous H.F. band restrictions on Intermediate licensees, who now may use all bands below 30 MHz. The change had been anticipated following a submission to the ACA in March by the Wireless Institute of Australia seeking a lowering of the code speed. For the time being, Australia will maintain its Unrestricted license--which requires 10 WPM Morse proficiency--but only to satisfy the needs of reciprocal licensing agreements. The H.F. operating privileges and conditions for the Intermediate and Unrestricted licenses now are identical.

For more information, visit Linton's "Morse code watch,"  
<http://www.tbsa.com.au/~wiavic>--Jim Linton, VK3PC/WIA

Taken from ARRL news

Editor's note, this is going to make the radio bands a lot of fun

Frequency promotion deadline looms: Clubs that promoted Amateur Radio at local movie theaters showing the movie Frequency have until June 30 to be considered in the promotion competition being sponsored by several manufacturers and the ARRL. An ICOM IC-746 HF+VHF transceiver is among the prizes pledged by manufacturers for the club that did the best job of promoting Amateur Radio to moviegoers. Winners of the competition will be selected based on each club's written description of its promotional activity. Prize awards will be determined by a panel of representatives of manufacturers and suppliers who donated to the prize pool. Activity descriptions must be submitted no later than 5 PM Eastern Time June 30, 2000, to Marjorie Bourgoin, KB1DCO, Field and Educational Services, ARRL, 225 Main St, Newington, CT 06111. Decisions of the awards panel are final.

Wichita hams participate in terrorist bombing drill: Hams in the Wichita, Kansas, area participated in a simulated terrorist bomb attack June 15 that was organized by Sedgwick County Disaster Management. Mike Afton, K0PY--president of the Intra-City UHF Club and local RACES H.F. officer--reports that the incident simulated the release of a biological agent that could damage eyes, skin and airways by direct contact. Afton said that in addition to the many law enforcement, disaster management, paramedic, fire, US Army, and FBI personnel, two Amateur Radio Operators were stationed at the "bomb" site and another was in the county EOC. "Two large parking lots were taped off, and there were people lying on stretchers and others running around screaming [and] rubbing their eyes simulating being victims," Afton said. He says that ICUC member Mike Jennings, KB0BJS--who's also the Sedgwick County RACES ATV officer--drove the RACES emergency van to the site and operated one of the two ATV stations there. Afton deployed his own ATV-equipped vehicle. Using the club's ATV repeater and simplex frequencies, the two hams worked side-by-side to maintain a direct, live link from the simulation site to the EOC, staffed by Roger Teachman, KD0ME, who also was running the local RACES net. The ICUC will deploy an ATV station at its Field Day operation. Afton says the club sees a role for ATV in storm-spotting as well.--Mike Afton, K0PY

\* Rainscatter record? On June 17, ARRL First Vice President Joel Harrison, W5ZN, and noted VHF-UHFer Al Ward, W5LUA, completed a 515 km (321 mile) rainscatter QSO on 10 GHz. The contact could be a record for that mode of propagation. Details are at <http://www.ntms.org>. Harrison says the trick was to keep a sharp eye on the weather radar, looking for very strong, appropriately positioned storm cells. "We have tried this a few times before," Harrison reports, adding that the pair once managed a 5.7 GHz rainscatter contact. "This time, everything fell into place!" Harrison says the longest distance he's aware of for a 10 GHz rainscatter QSO is 240 miles.

Illinois declares Amateur Radio Awareness Month: The State of Illinois has declared the month of June as Amateur Radio Awareness Month. Gov George H. Ryan has signed a resolution noting that the more than 23,000 hams and 63 Amateur Radio clubs in Illinois put the state among the top five in the number of amateurs. "Hams have demonstrated their value in public assistance by providing emergency radio communications networks," the proclamation notes. It also points to amateurs' use of H.F., packet, satellites and DSP, and, last but not least, mentions that Field Day is the weekend of June 24-25.--thanks to Rob Orr, KB9RST

KB7UV gets Emmy Award: Andy Funk, KB7UV--along with several of his colleagues--received the first Technical Achievement Emmy awarded by the Atlanta Chapter of the National Academy of Television Arts and Sciences. Funk, who's Assistant News Operations Manager for Atlanta's FOX5 TV station, is responsible for the newsroom's live capability. As part of FOX5's live coverage of the 1999 Peachtree Road Race, the station devised a live "RunnerCam," operated by station personnel who actually ran in the race. The microwave antenna pointed as close to straight up as possible to a helicopter above, so the RunnerCam's signal could be relayed to the studio. The achievement was recognized June 10 at the Southern Regional Emmy Awards. For more information, visit Funk's Web site, <http://www.arfunk.com>.

League officials visit BSA HQ: ARRL President Jim Haynie, W5JBP, and ARRL Atlantic Division Director Bernie Fuller, N3EFN on June 15 visited the National Headquarters of The Boy Scouts of America in Irving, Texas. The meeting with Associate Director Ray Moyer, WB8JKV, was to emphasize the League's interest in the Scouting program and the Jamboree On The Air (JOTA) events held here in the United States and around the World. Haynie and Fuller also discussed the radio merit badge offered by the Boy Scouts. Haynie encouraged cooperation among League members and Scout leaders.

Top 10 most wanted: The 1999 ARRL DXCC Yearbook now has hit the streets, and North Korea remains the most-wanted DXCC entity. Some observers believe that a thawing in relations between North Korea and South Korea could lead to more activity from P5, however. The other nine are: (2) BS7H, Scarborough Reef; (3) BV9P, Pratas Island; (4) A5, Bhutan; (5) VU4, Andaman and Nicobar Islands; (6) 7O, Yemen; (7) E3, Eritrea; (8) 3Y, Bouvet Island; (9) FR/T, Tromelin Island; and (10) VU7, Lakshadweep Island.

W1AW getting a facelift: Workers from the Bridgeport Restoration Company have been attending to some much-needed masonry repair on the W1AW building on the ARRL Headquarters campus in Newington, Connecticut. Other refurbishing will include replacing the copper flashing. Built in the 1930s, the W1AW structure was dedicated in 1938 in a ceremony that was nationally broadcast on the CBS Radio Network.

The previously listed reasons for attending Field Day left one out; the NOARS version would have listed last reason for attending Field Day is you get to wear your pin proudly, NOARS field day 2000 participants asked the club to purchase the special event pins, the board of directors felt they were earned by both the newcomers efforts and enthusiasm combined with patience shown by other operators. The order has been placed with ARRL HQ.

## Swap n Shop

*For Sale;* Tedd KB8NW, 72 ft crank and tilt tower located in Independence, he loads – you transport. Asking \$1200.00  
(440)237-8208

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

*For Sale;* Ted WD8CRJ, 440-365-8041 also on 146.700 repeater  
KLM KT-34-XA Tri-Band Beam, 6 elements – 10/15/20  
New \$958.00, AES \$659.00 – Outperforms all other commercially made tri-banders, Ted's price \$300! On-the-ground – Lets Talk!

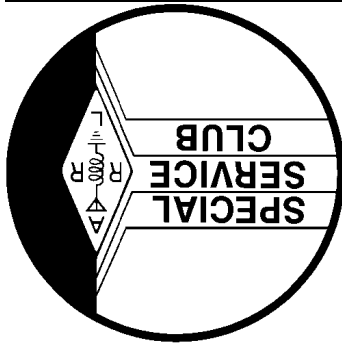
Dentron Super Tuner 160-10 AT / 1KW  
Just load it up and go anywhere in the world

Cushcraft A147-11 Beam It needs a little TLC

*For Sale:* Clark N8PZD (216)671-8795 – Marine band fiberglass antenna with non-corrosive mounting bracket and hardware, never been used on the water, 12 feet cable with p1259, asking \$65.00 US – Best Offer

*For Sale:* NOARS (donated through estate of Chuck Early K8RSH) - AMP Supply 1kw antenna tuner model AT 1200, with manual, same as unit donated to NOARS for use in USS Cod. Minimum accepted \$75.00, this item has been shown at several meetings.

Listings e-mailed to noars@qsl.net must include your call sign in the message, this area is for non-commercial space, costs for commercial ads will be considered per-use-space.  
NOARS Log editor, Virden “Clark” Beckman



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, both located atop the E.S.T. Bank Building. The **NOARS TECHNICAL NET** is held each Thursday at 7:00 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 hrs.** 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 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, P.O. 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 \_\_\_\_\_