NOARS LOG

Volume 36, Issue 4

Welcome to *NOARS* Country

May, 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, KC8AOX
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

DX Member: Tedd Mirgliotta

Banquet: Gary Gargus N8DIU

Property Manager: Ned Jones WD8CSP

U.S.S. Cod: Bob Goff KA8YDS
         Fred Collins W8ADW

K8KRG
ON-THE-AIR NETS
WD8IQJ – KC8AOX
NOARS Net Wednesday 9:00 P.M.

NOARS Tech Net Thursday 7:00 P.M.
K8WRS – KB8WOW
146.700 – 444.800

Messages from the front table - Summer 2000

Coming Soon ….
June 24/25th NOARS Field Day at Lorain county Equestrian Center – visit this event.
Northeast Ohio Skywarn Season – always be prepared
July 15th NOARSFEST

Our June meeting will be ARRL night with George Race, WD8BGY who will explain how the American Radio Relay League can help new hams and seasoned operators alike.

Many thanks to Tedd KB8NW for showing us the features of the Packet DX-Cluster, also Clark N8PZD and John KC8AOX for equipment to show this program. More on pg. 5 & 6.

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, KC8AOX.

I would like to thank Jim N8MPC and Tom W8KYZ for helping with exams at the recent NOARS meeting of 5-15-00. de Mike W8EU

Congratulations to the following people who upgraded to General Class:

      Marilyn - WB8LUT, John - WD8IQJ, Dee Dee - KA8VTS
      Bob - KA8YDS, George - KA8OYE, Dick   - WD9ACY

Subject: FCC Renewal Form 900, a few people asked me about this last night at the meeting. Before you can do this you have to first enter the ULS (Universal Licensing system). There is a link to do that from this internet page. http://svartifoss.fcc.gov:8080/cgi-bin/ws.exe/prod/efpa/forms/900/900_Form.hts

I have a question about the requirement for proof of license before March of 1987 for the new restructuring of TECH-PLUS to General. I see that QRZ has their first CD-ROM callbook available on the internet. Will a print out of a persons information be allowed as proof of license? Thank You For Your Time, Jerry , WB8LFO
Yes, Jerry, that will suffice. 73, Bart J. Jahnke, W9JJ Manager

May 15th Roll call
Get on this list, your input benefits the whole club.
Lin – WD8SDP
George – K8HLJ
Harold – WD8OFG
James – N8MPC
Mike – W8EU
Ted – KA8WMX
Bill – KB8AM
Bob – WA8OBA
Bob – KA8YDS
Tedd – KB8NW
Darlene – KA8VTS
John – WD8IQJ
Bob – N8HDE
Justin – AA8FY
Carl – N8OPD/AE
Sallie – KC8JTA/AE
Ted – W8TAS
Rich – AB8EI
Rosemary – KD8SC
Ned – WD8CSP
Doug – WD8BJY
Joni – KC8BXH
Ken – KC8BQO
Gary – N8DIU
Fred – W8ADW
Dan – N8OSM
John – KC8AOX
Clark – N8PZD
Tom – W8KYZ

GUEST LIST
Ray – W8ADV
Marilyn – WB8LUT
Dick – WD9ACY
George – KA8OYE

Minutes of the meeting May 15th, 2000

Meeting called to order at; 7:40 local time by President John Schaaf KC8AOX
Roll call taken; 26 members present, 4 guests welcomed
Previous meeting Minutes read in newsletter; Motion to accept N8MPC, 2nd by WD8SDP
Treasurer's report read by W8KYZ; Motion to accept by WD8SDP, 2nd by N8OSM
Committee reports as follows;
Newsletter; corrections made for missing 2 swap-n-shop items – operating guide for USS Cod and DX Cluster recommended
DX; There are now 333 DXCC countries, look for A52 – Bhutan and VK9WI
Nets; running well on both Wednesday and Thursday nite
Field Day; NOARS operators will be needed. Lorain County Equestrian Center contracted by N8PZD, maps distributed at tables.
Banquet; December 2nd date is secured, ticket deadline is November 17th without late fee, web page has been updated.
Contesting; June 10/11 VHF contest, June 24/25 ARRL Field Day
Hamfests; NOARSFEST is July 15th, advertisements are out to radio magazines, ARRL has sanctioned the event, there will be ladies activities overlooked in the first flyers, new flyers reflect the changes - anyone wishing to distribute flyers contact John – KC8AOX
USS Cod; discussion was presented by KA8YDS that the call W8COD should be used, W8ADW, KA8WMX and N8PZD who operate there often have never seen the license displayed, W8EU recently received the updated K8KRG license and will copy for all K8KRG equipment rooms – KA8YDS mentioned the equipment belongs to the USS Cod, KB8NW was with WD8RZG who originally started to obtain the equipment in Dayton Hamvention for NOARS special event usage such as operation aboard the USS Cod – this has been general information accepted for over 10 years, the QSL cards that came from August 1999 special event for W8COD went unanswered and several people mentioned NOARS recently purchased color QSL cards and we could add the call W8COD along with K8KRG on our card and split expenses with USS Cod committee, KA8YDS advised us the towing and repair estimate is over $100,000 to be paid with Ohio State funding and will follow up on the radio room activities
Sunshine;
Repeater Maintenance; Multi-level interface board for Elyria site ordered
Old Business; Ken KC8BQO thanked Harold WD8OFG, Sallie KC8JTA, Joni KC8BXH, Rosemary KD8SC, Ted W8TAS and anyone he may have overlooked on behalf of Lorain County Special Olympics for helping with the event May 5th.
New Business; George Race WB8BGY our Great Lakes ARRL director will be presenting the ARRL advantages at our June 19th meeting, bring comments and questions.
Up Coming Events; hamfests – Franklin County May 28th, Goodyear and Youngstown June 11th, Butler PA June 4th, CARS hamfest June 18th, Cleveland hamfest Sept 24th
50/50 raffle won by _ Doug - WD8BJY
Other Prizes won by _ Fred W8ADW, Bob N8HDE
Motion to adjourn at _ 9:35 PM; Dan N8OSM, 2nd by Bob KA8YDS

NOARSFEST Saturday July 15th, 2000

Gates open 8:00 AM – 2:00 PM   Lorain County Fairgrounds

Wellington, Ohio – same location for over 20 years

Tickets $5.00 each at the gate. Sponsored by Northern Ohio Amateur Radio Society.

Check-in and directions on 146.10/70

Indoor commercial space, reservations required.

Huge Outdoor Flea Market Area – Dealers Welcome

Indoor 8 ft. tables cost $15 each. **All** workers require an admission ticket

Overnight parking for RV's and campers. No hookups.

Walk-in VE Exams, register 8-9 AM – Exams begin at 9 AM

Hourly Door Prizes at 9, 10, 11, 12 (winner must be present)

Mobile Check-in Prize Awarded 11:00 AM, 50/50 Raffle at 1 PM,

Special Raffle for HT – Tickets $1, 3 for $2, 8 for $5 winner drawn at 12:30

Please let us know if you will be able to work at the hamfest. Thank you.

To make it easier for some the web sites now have printable maps and directions, visit us online
www.apk.net/noars/hamfest.htm

Radio operation aboard USS Cod SS224

Upon arriving at the submarine be certain you have parked in the correct portion of the auto lot, you should be in the most eastern section, depending on what time you leave you may encounter delays in the center or west sections. At the gate house let them know you are from NOARS and ask for the log book – the station door padlock is inside, once inside the radio room keep the key with the book to prevent lock-outs while using the restroom or taking a snack break outdoors. Operating the Drake TR7 is easy if you can see the display and knobs, at times the tuner dials and meter is hard to see with glare from other devices. Before testing transmissions be certain the antenna connecting cable is attached and the lead-in wire is removed from the submarine's original insulating block, this is a 4 foot long cable that is aprox 6 ft. from the galley hatchway door, it connects to the submarine just aft of the conning tower service stack. Once the antenna is correctly connected operating the tuner will be required if you move frequency more than 100 KC away from your original tuner settings, rough settings are in the front of the log book for 10, 15, 20, 30, and 40 MTRs – these will get you started, remember to stay with-in your licensed band priviledges or have a control operator to help you. When thing don't seem correct make a note in the log book and bring a note to a NOARS meeting, many operators keep another log sheet seperate from other operating logs so that they are able to QSL directly when something doesn't come thru as expected.

In response to Tedd KB8NW's demo on the packet DX cluster, here are common commands on a tear out
A Brief Packet Cluster Tutorial – Adapted from the WU3V East Coast Megacluster

A cluster system is a DXer's desktop utility. The system has many commands to provide DX information, mail, bulletins/ files, and informational databases. You won't need to know all of them to make the network work for you. Following is a introduction to the ones a DXer should know to best benefit from a DX Cluster.

When you logged on you probably went through a registration dialogue asking for your name and QTH. If you were not and plan on returning to utilize the network, it is normally asked that you provide your name, QTH, and latitude/ longitude of your station. Here's how:
  1. To enter your name, type SET/NAME [name], e.g. SET/NAME Chuck.
  2. To enter your QTH (or full address/telephone), type SET/QTH [qth] as in this example: SET/QTH Kensington 20895, Montgomery County.
  3. To use the features which give the DX station heading, and sunrise-sunset times, you need to enter your latitude and longitude. Enter for example, SET/LOCATION 39 2 N 77 7 W.
  4. To verify the information entered, type in SHOW/STATION [yourcall], i.e. SHOW/STATION K2YMD. Using some other user's callsign, you can get their station information.

The most important item of the network is the sending and receiving of DX information. To see what DX has been sent, type SHOW/DX. This will list the last 5 DX announcements. If you're interested in one band, say 10 meters, type SHOW/DX 10. To find spots of a particular call, use: SHOW/DX [callsign], e.g. SHOW DX XZ1N. To send a DX announcement, the format is: DX [freq] [call] [comment-optional], e.g. DX 14223.4 VU2TTC -or- DX 28012.0 9X5AA QSL via W4FRU

Although examples here are given in UPPER CASE, lower case will work equally well.

Other primary commands are:
  * BYE or QUIT to log off the network   *SHOW/WWV lists last 5 WWV solar flux reports
  * DIRECTORY or LIST lists last 5 (or more) mail messages since last checked
  * READ nbr reads that particular numbered mail message * READ reads mail messages addressed TO YOU
  * DELETE nbr deletes a mail message (to/from you) * SEND call send a mail message to someone (call) on system
  * SHOW/BULLETIN lists the directory of bulletin files   * TYPE/BU filename reads the bulletin (filename) requested
  * SHOW/HEADING pfx gives the heading of the country prefix requested
  * SHOW/SUN pfx gives the sunrise/sunset of country prefix requested
  * TALK call msg. send a one-line message to someone (call) on system
  * SHOW/COMMAND lists the available information databases

DX CLUSTER USER COMMAND SUMMARY

Command	Short	Description
ANNOUNCE	A msg.	Announcement to LOCAL users only
ANNOUNCE/nodecall	A/call msg.	Announcement to users on node (call)
ANNOUNCE/FULL	A/F msg.	Announcement to users on ALL NODES
BYE or QUIT	B or Q	Log off node
DELETE or KILL	DE msg. or K #	Delete a mail message
DIRECTORY or LIST	DI or L	List last 5 mail messages
DIRECTORY/ALL	DI/A	List all active mail messages
DIRECTORY/NEW	DI/N	List all new mail messages
DIRECTORY/OWN	DI/O	List mail TO or FROM you
DX	DX fq call cmt	Announce a DX station
HELP or ?H or ?		Brief command summary
READ	R	Read a mail message TO YOU
READ	R msg.	Read a specific mail message
READ	R/filearea fn	Read a file in a specified filearea
REPLY	REP	Reply to a read message TO YOU
REPLY/DELETE	REP/D	Reply to a read message & delete
SEND	S all or call	Send a mail message to (all) (call)

Command	Syntax	Description
SEND/PRIVATE	S/P call	Send a PRIVATE mail message
SEND/RR	S/RR call	Send mail message with return receipt
SET/HERE	SET/H	Specify you're at the keyboard
SET/LOCATION	SET/LO	Enter your latitude/longitude
SET/NAME	SET/NA	Enter your name
SET/NEED	SET/NE pfx,pfx	Specify your needed countries
SET/NOHERE	SET/NOH	Specify you're away from keyboard
SET/NONEED	SET/NON pfx	Delete needed countries
SET/QTH	SET/Q	Enter your address/city
SHOW/ANNOUNCEMENT	SH/AN	Show last 5 TO ALL announcements
SHOW/BUCK	SHOW/BUCK callsign	Shows last known callbook info and lat/long
SHOW/BULLADDR	SH/BULLA	Show list of TO ALL mail addresses
SHOW/BULLETINS	SH/BU	Show files in BULLETIN files area
SHOW/CLUSTER	SH/CL	Show number of nodes & users
SHOW/COMMANDS	SH/COM	Show available DATABASE commands
SHOW/CONF/NODE	SH/C/N	Show nodes connected
SHOW/CONFIGURATION	SH/C	Show nodes and users connected
SHOW/DX	SH/D	Show last 5 DX announcements
SHOW/DX	SH/D band	Show last 5 DX spots on (band)
SHOW/DX	SH/D call	Show last 5 DX spots for (call)
SHOW/DX	SH/D frq1 frq2	Show DX spots between Freq1-Freq2
SHOW/FILES	SH/FI	Show files in GENERAL files area
SHOW/HEADING	SH/H prefix	Show beam heading to a country
SHOW/LOCATION	SH/LOC call	Show lat/long/distance for user
SHOW/LOG	SH/LOG	Show last 5 system log entries
SHOW/LOG	SH/LOG call	Show system log for user (call)
SHOW/MUF	SH/MU prefix	Show MUF to country (prefix)
SHOW/NEED	SH/NE call	Show country needs of user (call)
SHOW/NEED	SH/NE prefix	Show user calls needing (prefix)
SHOW/NOTICE	SH/NO	Show (review) local node notice
SHOW/PREFIX	SH/PR prefix	Show country assigned and zones
SHOW/STATION	SH/ST call	Show information on user (call)
SHOW/SUN	SH/SU prefix	Show sunrise/sunset for (prefix)
SHOW/USERS	SH/U	Show users logged onto local node
SHOW/USERS/FULL	SH/U/F	Show users logged onto all nodes
SHOW/USER	SH/U call	Show NAME/QTH of user (call)
SHOW/WWV	SH/W	Show last 5 WWV announcements
TALK	T call	Enter talk mode to a user (call)
TALK	T call msg	Send a 1-line message to user (call)
TYPE	TY fn.ext	Display a file in BULLETIN area
TYPE/FILES	TY/FI fn.ext	Display a file in GENERAL area
UPDATE	UPD/filename	Update a DATABASE file (restricted)
UPLOAD/BULLETIN	UPL/BU fn.ext	Upload a file to BULLETIN file area
UPLOAD/FILE	UPL/FI fn.ext	Upload a file to GENERAL file area
WWV	WWV sfi=,a=,k=	Send Solar Flux as reported on WWV
EXIT A MESSAGE	/EXIT	Enter this command on a new line

Note: This list is NOT complete, but contains the MOST USED user commands. Last updated: October 6, 1996

http://www.cpcug.org/user/wfeidt/Misc/pctut.html

Swap n Shop

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

tri-band 10, 15 and 20 meter driven element - good condition $80.00

15 meter driven element with omega and gamma match - good condition
$50.00   Thanks Vic-N8TN

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
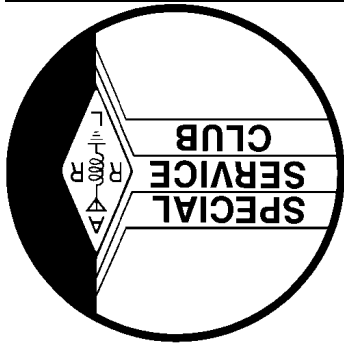
Cushcraft A147-11 Beam It needs a little TLC

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 pl259, asking $65.00 US – Best Offer

Home brew 145 – 148 MHz antenna pair, this pair is too short for CW and SSB – they must be used as pair as fed using full wave loop otherwise beam styled antenna – photo at http://www.qsl.net/n8pzd/antenna8.jpg asking $80.00 with all hardware and feed harness.

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.

NOARS will be placing an order with Ten_Tec the first week of June. If you would like to order any kits at 25% off the retail price, please contact John Schaaf, KC8AOX. Pre-payment is required. He can be reached at 216-696-5709 or kc8aox@qsl.net. When the kits arrive, you will be contacted to arrange pickup. This is a special offer from Ten-Tec that won't be around forever. Take advantage of it while you can!

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 N8PZD

 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 _____