



NOARS LOG

K 8 K R G

REPEATERS

VHF-145.150/144.550 MHz. 146.700/146.100 UHF- 444. 800 MHz
 BARF - 80 BULLETIN BOARD (216)237-8208 300/1200/2400 BAUD

NETS

NOARS DX NET - 145.150 MHz TUESDAY at 9:00 P.M.
 NOARS INFO NET - 146.700 MHz WEDNESDAY at 9:00 P.M.

FEBRUARY/ MARCH 1993

EXECUTIVE COMMITTEE :

President	Tom porter	W8KYZ
Vice President	Don Sealy	W8QKO
Treasurer	Jerry Kurucz	WB8LFO
Secretary	Dee Dee Ohman	K8VTS

STANDING COMMITTEE CHAIRS :

Newsletter	Dee Dee Ohman	K8VTS
Program	Tom Porter	W8KYZ
Field Day		
Membership	Ford Cole	N8ARA
Noars Info Net	John McKenna	WB8IQJ
Noars DX Net	Tedd Mirgliotta	K88NW
U.S.S. Cod	Bob Goff	K8YDS
ARRL/VE	Dave Willemin	A8M
Repeaters	John Ganobcik	W80TY
Sunshine		
Noarsfest	Dee Dee Ohman	K8VTS
Winterfest	Dee Dee Ohman	K8VTS
Xmas Banquet		
Raffle Mgr	Dee Dee Ohman	K8VTS
Property Mgr	Ned Jones	W88CSP

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THE DX REPORT

FROM TEDD MIRGLIOTTA KB8NW/OBS
VIA BARF-80 BBS (216) 237-8208



DX BULLETIN #10
ARL D0 10 2/19/93

**QST DE.
W1AW**

newly licensed amateur, operates SSB only. It is assumed that the station signing FT4WD on CW recently was of dubious repute.

Thanks to Jacques, W2/F2YS, Wayne, KH6WZ, Bob, W5KNE, QRZ DX, Chod, VP2ML, and the DX Bulletin for the items in this week's bulletin.

QATAR. A71CD has been on 21335 kHz between 1400 and 1430z. A71CW is the new call for Chris, who has been signing A71AL/SP5EXA. Chris has been on 40 meter CW around 0000z with a big signal into the Eastern United States. QSLs go to Chris Dabrowski, Box 22101, Doha, Qatar.

CROZET ISLAND. In last week's bulletin we ran an item on the CW activity by FT4WD. Jacques, W2/F2YS, recently spoke with Christian, FT4WD. Christian, a

KOREA. DOCUMENTATION FOR THE RECENT P5RS7 OPERATION HAS BEEN received at the ARRL DXCC Desk. No decision will be made on the accreditation issue before March 31, 1993. Please do not send in cards until instructed to do so. Thank you.

SAINT LUCIA. QSL cards have been ordered for the CQ WW DX SSB Contest operation by J68DX, J68AL, J68AP, J68MR and J68WZ. Your continued patience would be appreciated.

Good Luck on DX de
KB8NW/OBS

DX CALENDAR VIA BARF-80 BBS

Upcoming Dx from QRZ DX - 02/15/93

T31AF BY DL1VU	NOW
VK9CB COCOS (KEELING)	NOW
T5 SOMALIA	NOW THRU?
XQ0X SAN AMBROSIO	NOW
XU SEVERAL	NOW
3Y2GV ANTARCTICA	NOW
VU2MSW ANTARCTICA	NOW
VP8CLR SO. GEORGIA	NOW
FT4WD	NOW
V63MF IOTA OC-132	NOW 2 YRS
TT8AKX BY FD1SIL	NOW - MAR 31
VR6BB AND VR6JJ	JAN - MAR
ZD8VJ BY G4ZVJ	JAN 26- 1 YR

Check for updates on the NOARS/NODXA DX Net every Tuesday night at 9:00 PM ON145.150 MHZ

CONTESTS

CALENDAR OF EVENTS

MAR ---

13-14 QCWA SSB QSO Party
 13-14 YL-ISSB SSB QSO Party
 14-15 Wisconsin QSO Party
 20-21 Bermuda Contest
 20-21 B.A.R.T.G. Spring RTTY Contest
 27-28 CQ WW WPX SSB Contest

APR ---

10-11 JA Int'l CW Contest (High Bands)

MAY ---

29-30 CQ WW WPX CW Contest

HAMFESTS

Ohio Section Hamfest and Convention Schedule

The following is a list of hamfests, conventions, and special events in the Ohio section.

MAR. ---

21 Toledo Hamfest
 SPONSOR: Toledo Mobile Radio Association
 PLACE: Lucas County Recreation Center,
 Key St., Maumee, Ohio
 TIME: ?
 TALK-IN: 147.27
 TICKETS: DOOR \$5.00 ADV \$4.00
 CONTACT: BOB K8ADK

28 Lake County Hamfest
 SPONSOR: LAKE COUNTY AMATEUR
 RADIO ASSOCIATION
 PLACE: MADISON HIGH SCHOOL
 TIME: 8:00 A.M. TO 3:00 P.M.
 TALK IN: 147.81/21 PAINESVILLE
 222.90/50 (141.3)PL
 TICKETS: DOOR \$4.50 AND \$4.00 ADV.
 CONTACT: ROXANNE 216/352-6756 OR
 216/257-2036

28 ZAMFEST
 SPONSOR: Zanesville Amateur Radio Club
 PLACE: Secret Auditorium,
 Zanesville, Ohio
 TIME: 8:00 AM to 3:00 PM
 TALK-IN: 147.61
 TICKETS: DOOR \$5.00 ADV \$4.00
 CONTACT: Glenn Ridgley, KE8YP

APR ---

23-25 HAMVENTION
 SPONSOR: Dayton Amateur Radio Assoc.
 PLACE: Hara Arena, Dayton, Ohio
 TIME: ? AM - ? PM
 TALK-IN: ??????????
 TICKETS: DOOR \$14.00 ADV \$11.00
 CONTACT:

THE NOARS LOG

VOL. 29 ISSUE 2/3 03/06/93

EDITOR: DEE DEE OHMAN KA8VTS
(216) 398-8858



NOARS MEETINGS ARE HELD ON THE THIRD MONDAY OF EVERY MONTH AT GARGUS HALL IN SHEFIELD VILLAGE OHIO MEETING TIME IS 7:30 SHARP GARGUS HALL IS LOCATED ON N.RIDGE RD. JUST WEST OF RT 57.

THE LOG IS PUBLISHED IN THE LAST WEEK OF THE MONTH ALL ENTRIES FOR THE LOG SHOULD BE HERE AT THE NEWSLETTER OFFICE BY THE START OF THAT WEEK YOU MAY LEAVE A MESSAGE:ARTICLE ON BARF-80 ADDRESS IT TO NOARS LOG (TWO WORDS) *TX ED*

EXECUTIVE COMMITTEE DETAILS

UP COMING MEETINGS

The 1993 Executive Committee meets at the Gin Mill Restaurant on North Ridge Road across from Gargus Hall on meeting nights at 6:00 p.m.

MARCH 15, 1993

SPECIAL SEMINAR REGARDING THE USE OF THE U.S.S. COD RADIO STATION CENTERED AROUND THE DRAKE TR-7A AND THE AL-80 AMERITRON AMPLIFIER.

The 1993 Executive Committee consists of:

Ford Cole	N8ARA
Tom Porter	W8KYZ
Gary Gargus	N8DIU
John McKenna	WD8IQJ
Jerry Kurucz	WB8LFO

ALL PERSPECTIVE OPERATORS OF THE STATION SHOULD ATTEND!

COFFEE, DONUTS AND DOOR PRIZES.

GREAT HT GIVE AWAY

THE ALINCO DJ-580 HT WAS NOT WON BY JOHN PAUL JONES-WA8CAE, SORRY JOHN! YOU MUST BE PRESENT AT THE MEETING AND BE A PAID UP MEMBER FOR 1993 TO BE ELIGIBLE TO TAKE HOME THIS VALUABLE PRIZE! THE NEXT MEETING WE MAY DRAW YOUR NAME, DON'T LET THE SAME THING HAPPEN TO YOU THAT HAPPEN TO JOHN PAUL JONES. SO BE AT THE MEETING ON MARCH 15TH.

SEE YOU THERE.

JOHN MCKENNA-WD8IQJ



SECRETARYS MINUTES



MINUTES OF THE 2/15/93 MEETING
AS RECORDED BY KA8VTS - "DEE-DEE"

TREASURER'S REPORT - JERRY - WB8LFO

PREVIOUS BALANCE - \$2,169.00 AMOUNT
PAID OUT - 1,477.00
BALANCE - \$ 692.00
AMOUNT RECEIVED - \$1,652.00
ENDING BALANCE - \$2,344.00

MEMBERSHIP REPORT - FORD COLE - N8ARA
SO FAR THIS YEAR WE HAVE 150 MEMBERS.

WINTERFEST REPORT - DEE DEE OHMAN -
KA8VTS

APPROXIMATELY 350 TICKETS WERE SOLD AND
62 TABLES WERE PURCHASED FROM VENDORS.

INCOME - \$2,106.00
LESS EXPENSES - 1,379.53
BALANCE - \$ 726.47

WINNERS OF THE HOURLY PRIZES WERE:
ARRL ANTENNA BOOK STEVE GROZMEN
NUTS & VOLTS SUB NICK STANICH-N8AAN
ARRL HANDBOOK ED DOHNEN-N8LNY
HAM RELATED SOFTWARE TIM - N8NFV

THE MAIN PRIZES WERE WON BY:
1st - ALINCO DJ-560-T - MIKE - N8RBI
2nd - ALINCO DR-1200-T - LYNETTE - WD8EGT
3rd - KANTRONICS PACKET COMMUN. 3 -
LARRY FLUHORTI

I WANT TO THANK ALL THE PEOPLE WHO
HELPED WITH THE SET-UP, TEAR-DOWN AND
CLEAN UP OF THE HALL BEFORE AND AFTER
THE HAMFEST.

SUNSHINE REPORT

JAN-WA8LHV - THE LADY WHO PUTS ON THE
MEDINA HAMFEST IS IN THE HOSPITAL AGAIN.
SHE WAS IN THE HOSPITAL FOR SOME ILLNESS
AND WENT HOME AND HAD TO GO BACK INTO
THE HOSPITAL AGAIN WITH ANOTHER ILLNESS
THAT IS NOT RELATED TO WHAT SHE WENT IN
WITH BEFORE. WE WISH HER A SPEEDY AND
COMPLETE RECOVERY.

GARY GARGUS - HE IS HAVING SOME TESTS
TAKEN FOR POSSIBLE KIDNEY STONES. WE

WISH THAT EVERYTHING WILL BE ALRIGHT
AND THAT HE WILL BE BACK TO HIS NORMAL
AND WONDERFUL SELF AGAIN SOON.

DX REPORT WAS GIVEN BY TBDD
MIRGLIOTTA-K88NW

U.S.S. COD REPORT - BOB GOFF-KA8YDS HAD
NOTHING NEW TO REPORT. BUT WANTED TO
KNOW ABOUT THE SELLING OF THE COD
EQUIPMENT (TR-7 AND AMPLIFIER). MORE ON
THIS SUBJECT UNDER NEW BUSINESS.

NEW BUSINESS:

A MOTION WAS MADE BY JOHN
MCKENNA-WD8IQJ, IF THE DRAKE TR-7 HAS NOT
BEEN SOLD THAT IT SHOULD BE RETURNED TO
SERVICE ON THE U.S.S. COD. AFTER DISCUSSION
ON THE FLOOR A VOTE WAS TAKEN AND THIS
MOTION WAS ACCEPTED. (A PHONE CALL TO
RICK WELLS DETERMINED THAT THE TR-7 WAS
NOT YET SOLD AND INSTRUCTIONS WERE GIVEN
NOT TO SELL THE RADIO AND BOB GOFF WILL
PICK IT UP.

A DISCUSSION FOLLOWED CONCERNING THE
AL-80 AMPLIFIER'S STATUS AND THE DECISION
WAS MADE TO REINSTALL IT IN THE SUBMARINE
AS WELL. PLANS HAVE BEEN MADE TO CLARIFY
THE OVERALL OPERATION PROCEDURES OF THE
SUBMARINE STATION, ALSO A TRAINING
MEETING IS SCHEDULED FOR THE MARCH 15,
1993 MEETING TO DEMONSTRATE THE PROPER
USAGE OF THE EQUIPMENT ON THE
SUBMARINE. (SEE UPCOMING COLUMN)

A DISCUSSION FOLLOWED THE ELIGIBILITY
REQUIREMENTS OF PERSONS WISHING TO
OPERATE THE CLUB STATION AT THE U.S.S. COD.
SEE THE ARTICLE IN THIS ISSUE REGARDING
THESE REQUIREMENTS.

THE DRAWING FOR THE MEETING WAS A 50/50
DRAWING AND WAS WON BY DEE DEE
OHMAN-KA8VTS, ALSO AN ARRL ANTENNA BOOK
WAS WON BY BOB STOLARSKI-WA8OBA

THE DRAWING FOR THE HT WAS HELD AND THE
NAME DRAWN WAS JOHN PAUL JONES-WA8CAE
WHO WAS NOT PRESENT SO SUBSEQUENTLY DID
NOT WIN THE HT. DON'T FORGET THAT YOU
MUST BE AT THE MEETING IF YOUR NAME IS
DRAWN TO WIN THE HT.

RADIO SHACK HT FIX

JOHN MCKENNA - WD8IQJ

SANTA BROUGHT KA8VTS DEE-DEE A NICE NEW RADIO SHACK HT FOR XMAS! THE HTA-202 AND THIS IS THE STORY THAT GOES WITH THAT THING. THE FIRST ATTEMPT AT USING THE THING BROUGHT LESS THAN GREAT REPORTS AS FAR AS THE MODULATION LEVELS WENT. AND SINCE DEE-DEE IS NOT A MIKE EATER OR SCREAMER THIS RADIO DID NOT SUIT HER NEEDS. WELL BACK TO RADIO-SHACK WE GO AND THE BOYS AT RADIO SHACK WHO MUST BE COMMENDED FOR THEIR SERVICE HANDED ME ANOTHER RIG AND OUT THE DOOR I WENT. ANOTHER RADIO CHECK AND LO AND BEHOLD NO DIFFERENCE. SO BACK THIS RIG WENT THIS TIME THE OLD TRUSTY FT-207 WENT ALONG SO I COULD COMPARE THE TWO RIGS AND SEE WHAT WAS UP. WELL THE RADIO SHACK DUDE STILL SMILING BROUGHT OUT HIS WHOLE INVENTORY AND I A-B COMPARED THE ALL AND EVERY ONE HAD LOW MODULATION FOR THE WAY DEE-DEE WOULD USE THE RADIO (APROX. 4 TO 8 INCHES AWAY FROM HER MOUTH AND SPEAKING IN A NORMAL TONE YIELDED WEAK AND FLAT SOUNDING MODULATION! HMMM THIS RIG IS MADE FOR MIKE EATERS AND SCREAMERS AFTER ALL. CLEARLY SOMETHING HAD TO BE DONE AT THIS POINT THE NICE STILL SMILING GUY AT RADIO SHACK WOULD GLADLY GIVE ME A REFUND OR SEND THE RIG IN FOR SERVICE BUT I DECIDED TO DO THE HAM RADIO THING. THAT IS TO FIND OUT WHAT WAS WITH THESE RIGS. AND WHAT COULD BE DONE FIRST I SENT DEE-DEE OFF TO THE OFFICE TO ENLARGE THE 7XS SCHEMATIC SO I COULD SEE WHAT WAS INSIDE THIS GUY AND NOW ARMED WITH A 11X7 OF THE ROAD MAP IT WAS PLAIN TO SEE A TRIM-POT CALLED "VR-1" RIGHT IN THE "MOD" LINE THIS MUST BE THE PLACE SO OFF TO THE BENCH WE WENT. 4 TINY SCREWS GOT THE BACK COVER OFF. BUT ALAS NO TRIMPOT IN SIGHT. 4 MORE SCREWS HOLDING THE BATTERY BRACKET

ON GOT THE GUTS OUT OF THE RADIO AND THE THE FINE DESIGN OF THE RIG BECAME EVIDENT. THE RADIO IS BUILT IN TWO MAIN PC BOARDS CONNECTED BY A LARGE FLEXY-FOIL CONNECTOR WHICH ALLOWED FOR THE BOARDS TO BE SEPARATED FROM EACH OTHER WITHOUT DISCONNECTING ANYTHING! VR-1 IS A NICE WHITE TRIMPOT LOCATED ON THE FRONT OF THE FIRST BARD YOU SEE WHEN YOU REMOVE THE BACK OF THE RIG. NOW AT THIS TIME YOU ARE READY TO ADJUST THE MOD. LEVEL NO SWEAT REMEMBER I SAID NOTHING HAD TO BE DISCONNECTED? WELL THIS RIG AT THIS POINT IS STILL OPERATIONAL. ALL YOU HAVE TO DO IS APPLY POWER VIA THE EXTERNAL POWER JACK ON TOP OF THE RADIO AND YOU CAN GET THE RIG BACK ON THE AIR! CONNECT A DUMMY LOAD TO THE RIG GO TO LOW POWER MODE AND TURN VR-1 CLOCKWISE TO INCREASE THE MOD LEVEL. NOW IF LIKE ME YOU DON'T HAVE A \$3000+ DOLLAR MONITOR SITTING AROUND JUST WAITING FOR THIS JOB BUT YOU DO HAVE A FRIEND WITH ANOTHER HT AROUND HAVE HIM COME OVER AND SUB FOR THE THREE K MONITOR. BETWEEN THE TWO OF YOU YOU CAN GET IT RIGHT! AND THAT'S IT FOLKS PUT THE SCREWS BACK IN AND TRY THAT GUY THAT GAVE YOU THE BAD REPORT HE WILL NOT BELIEVE YOU ARE USING THE SAME RIG I'M SURE THE PURISTS OUT THERE ARE TURNING FLIP-FLOPS AND IF THEY WISH TO VOLUNTEER THEIR SERVICES AND THE USE OF THEIR MONITORS. ILL BE GLAD TO COME ON OVER AND CHECK DEE-DEES RIG LOOKING AROUND INSIDE THE RIG IS A PLEASURE IT IS A WELL BUILT PIECE AND LOOKS LIKE IT WILL BE A REAL WORK HORSE ALL DIE CAST CASE AND A SOLID CONSTRUCTION JOB NOT AT ALL WHAT I EXPECTED BUT CLUE TO THE THE THINGS REAL IDENTITY WERE NOT IN SIGHT BUT THE CONSTRUCTION TECHNIQUES DID NOT LOOK LIKE K-BRAND OR Y-BRAND AND NEVER HAVING AN I-BRAND OPEN I JUST DON'T KNOW WELL IF YOU HAVE A RADIO-SHACK HT WITH LOW MODULATION LEVELS GIVE MY EXPERIENCE SOME THOUGHT. 73 FROM WD8IQJ - JOHN

March 1993

NOARS CALENDAR OF EVENTS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2 9:00pm NOARS DX Net 145.15R	3 9:00pm NOARS Net 146.70R	4	5	6
7	8	9 9:00pm NOARS DX Net 145.15R	10 9:00pm NOARS Net 146.70R	11	12	13 QCWA SSB QSO PARTY YL-JSSB SSB QSO PARTY
14 QCWA SSB QSO PARTY YL-JSSB SSB QSO PARTY	15 7:30pm NOARS MEETING	16 9:00pm NOARS DX Net 145.15R	17 St. Patrick's 9:00pm NOARS Net 146.70R	18	19	20 BERMUDA CONTEST B.A.R.T.G. SPRING RTTY CONTEST
WISCONSIN QSO PARTY						
21 BERMUDA CONTEST TOLEDO HAMFEST B.A.R.T.G. SPRING RTTY CONTEST	22	23 9:00pm NOARS DX Net 145.15R	24 9:00pm NOARS Net 146.70R	25	26	27 CQ WW WPX SSB CONTEST
28 CQ WW WPX SSB CONTEST 8:00am LAKE COUNTY HAMFEST 8:00am ZAMFEST	29	30 9:00pm NOARS DX Net 145.15R	31 9:00pm NOARS Net 146.70R			

February

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

April

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

April 1993

NOARS CALENDAR OF EVENTS

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

				1 April Fools Day	2	3
4 Daylight Savings-- set ahead 1 hour	5	6 9:00pm NOARS DX Net 145.15R	7 9:00pm NOARS Net 146.70R	8	9	10 JA INTL CW CONTEST
11 JA INTL CW CONTEST Easter	12	13 9:00pm NOARS DX Net 145.15R	14 9:00pm NOARS Net 146.70R	15	16	17
18	19 7:30pm NOARS MEETING	20 9:00pm NOARS DX Net 145.15R	21 9:00pm NOARS Net 146.70R	22	23	24
25 DAYTON HAM- VENTION	26	27 9:00pm NOARS DX Net 145.15R	28 9:00pm NOARS Net 146.70R	29	30	<div style="border: 1px solid black; padding: 2px; text-align: center;">DAYTON HAMVENTION</div>

March

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

May

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

JOIN N.O.A.R.S. NOW!

- Become A Member
- Attend The Meetings

You Could WIN!
an...

**Alinco, DJ-580
Dual-band HT**

**CHECK AT THE MEMBERSHIP
TABLE FOR DETAILS**

PG.8

UPDATE - UPDATE - UPDATE - UPDATE - UPDATE - UPDATE - UPDATE

News from NOARD, INC. dba NORTH OLMSTED AMATEUR RADIO DEPOT

February 1993..... Our plans for our new store in North Ridgeville has been delayed. A key player in the development has been recently been tied up with a kidney problem. In the long run, he will be able to spend more time on it, but, a 2 or 3 year wait has surfaced.

In order to expand our current location, we have leased the retail store directly to the east of our current location. By installing a walk-way between the two stores, a 40 percent increase in total square footage has taken place. Our office and our new service facility will be located within the newly obtained space. The current sales display area will be totally re-arranged to provide much wider isles and more organized displays. The sales floor area will be increased right to the back wall.

Please excuse our current confusion and disorganization for the next few weeks, but the change in our retail store will benefit all of us in the very near future.

Please come in as often as you can as we sure could use the much needed support the next few months to help offset our increased expenses and overhead in developing the larger facility.

CONVENIENT LOCATION.....

29462 LORAIN AVENUE... less than 2/10 mile WEST of Stearns Road, or 1-6/10 mile EAST of the Lorain Road Exit of I-480 when you are coming from the west.

CONVENIENT HOURS.....

MONDAY..... 11:00 A.M. until 8:00 P.M.

TUESDAY.... * * * CLOSED * * *

WEDNESDAY.. 11:00 A.M. until 8:00 P.M.

THURSDAY... 11:00 A.M. until 5:00 P.M.

FRIDAY..... 11:00 A.M. until 8:00 P.M.

SATURDAY... 10:00 A.M. until 8:00 P.M.

SUNDAY..... 1:00 P.M. until 5:00 P.M.

(No Sunday hours during June, July or August)

Note: The retail store will be closed from April 21 thru 25 so that we can attend the Dayton Hamvention.

THANK YOU FOR SUPPORTING A FAMILY-OWNED
LOCAL BUSINESS THAT WANTS TO GROW AND EXPAND

HIDDEN WORDS PUZZLE # 393

THE WORDS LISTED BELOW ARE HIDDEN IN THE PUZZLE.
CAN YOU FIND THEM?

ADJUSTMENTS
ARRL
ATMOSPHERE
BULLETIN
BUYERS
CALENDAR
COMPUTER
CONTESTS
DISKETTES
DUMMYLOAD
DXCC
ELECTRICITY
ENJOYMENT
FEBRUARY
FRIENDS
HAMFEST

HANDITALKIE
MEETING
MEMBERSHIP
MICROPHONE
MODEM
NEWSLETTER
POWERSUPPLY
PRIZES
RADIO
RENEW
SQUELCH
TABLES
TICKETS
TOWER
VENDORS
VOLUME

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D A M I C R O P H O N E E R U G C O N T E S T S O X E O G Y W T
Q H M E M N Z F P A T M O S P H E R E H A N D I T A L K I E W I
W O E P Q E I G A T E G O I E O T C F Y F F A U C H K Y G O B C
N D E Q L M O Y Q K D M C G E Y T O Z U M R L S C P P E C F S K
I O A I X S U K Q A Q E Y B O K E B W E D L J L O A G A A O H E
E Z Q Q J N C E O E E H K E E U W C D E O I E J D Y R R Y E E T
S R K Z E T N L A A Z V Y N H I T O V O R U S M O O T R I N H S
I I M T F I Y P D E P V J P T U M M A A Q E Y K U V G B K S G I
U A P A O M I A A E C O W L C D E W P S G N I T E E M V E I C J
O H E J M L P G S I Y O J X P R A D I O B U R V I T O H E J H S
D K A U I C E D N M J V C A G O R K E C O G P E E X T M S O M Z
T F D M C A N O E I M D F E F J W A O V Q U I O U G U E E K E F
O G G X F E O N O A L E J Z K D R E T N A E M C E L E O S N M A
Q B D K I E T U U K B L E G O I E Y R U C E A I O E W R A M E U
A A M R I H S Z L R M I R B O W N I S S T D W V N L K U U F Y P
U U F E V O S T U T E S E R B A E U T H U Z N I T E L L U B E N U
N A C R O K C A P E U E L R A U W H O K F P E B L C A V S E M U
Z W Q E S B R O B J Z A X E L F Y A I A V U P P A T H E U B I N
I X I R O Y R A I A Q T G R C E D E H F T E I L N R Z U P N E Q
O D A U A C L W Z C O I O G J J W V R C Z Z A O Y I Y E D Z Q I
G F E J J D F J I B J W K U U M I A J S C E U A R C L O V I P M
Y X E N U U N A Q O E K I S O I O I S Y I A E P I I B R E Y G E
S T Z A L I N E W S L E T T E R R I O I J U U O I T E T N F B M
E E E S C G Z O L J I M P Z E Q O U X O P I C C B Y S P D E Q B
E X D D M X E L J A E I E C S T A B L E S J I O E C A F O X F E
L T T A B O Y A E N C M W E G U S K N R O O J I T A W T R O L R
O E B K W H Q G T M A Z V F A F C T Y Q A Q E X I R Z O S P E S
A E Z E U E O S I O N B E O E E R E E O D U O F O E W O F H D H
I F E X J U T E M T I C V P E U U O H H E M Y D H I M X O I Q I
F A C I V P W L N L O E P I C O M P U T E R S N A U X I D B C P
E Y Q K P N P E O E O E E T O E X O V E O U V U T N M E Z G I I
U I K K O A O O I B L O H E Q X Z W I N S O E J E Z A M W J E X
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SUBMITTED BY KA8VTS DEE DEE - GOOD LUCK ON PUZZLE # 293



Received 3-6-92
Mailed on 3-6-92

BULK RATE
U.S. POSTAGE PAID
PERMIT NO. 73
ELVRIA, OHIO 44035

Amateur Radio Home of the U.S.S. Cod
Lorain, Ohio 44052
P.O. Box 354
NORTHERN OHIO AMATEUR RADIO SOCIETY
KXKRO

N.O.A.R.S. INFORMATION

THE NORTHERN OHIO AMATEUR RADIO SOCIETY IS A NON-PROFIT PUBLIC SERVICE ORGANIZATION, INCORPORATED UNDER THE LAWS OF THE STATE OF OHIO. WITH THE PURPOSE OF EDUCATION, SERVICE AND FURTHERANCE OF THE ART.

MEETINGS ARE HELD ON THE THIRD MONDAY OF THE MONTH AT GARGUS HALL, 1269 N. RIDGE ROAD LORAIN OH. (SHEFFIELD TWP.) AT 7:30 PM.

NOARS NETS ARE HELD ON OUR 145.15 RPT. (DX SUBJECTS) WEEKLY 9:00 PM TUES. AND ON OUR 146.70 RPT. (GENERAL INFO & RAGCHEW) WEEKLY 9:00 PM WED.

NOARS OPERATES A B.B.S (BARF-80) 100% HAM RADIO INFO. & NEWS FULL OPEN ACCESS TO ALL USERS (218) 237-8208 24HR. 300/1200/2400 BAUD

NOARS MAINTAINS A COMPLETE SPECIAL EVENT STATION ON THE USS COD FOR MEMBERS TO OPERATE FROM MEMORIAL DAY THRU LABOR DAY 11:00 AM - 5:00 PM DAILY

IF THIS IS YOUR FIRST COPY OF THE NOARS LOG WHY NOT BECOME A MEMBER? YOU WILL RECEIVE A COPY MONTHLY, A ROSTER, AND MEMBERSHIP IN ONE OF THE FINEST HAMRADIO ORGANIZATIONS AROUND

DUES SCHEDULE: (EFFECTIVE 1/1/92) \$10.00 FOR FULL MEMBERSHIP

MEMBERSHIP RUNS FROM 1/1 THRU 12/31 WITH 90 DAY GRACE PERIOD FOR RENEWAL!

NOARS APPLICATION

PLEASE INDICATE: NEW - RENEWAL - CHANGES ONLY
NAME _____ CALL _____ CLASS _____ ARRL? Y / N
OCCUPATION _____ OTHER HOBBIES _____
AREA OF INTEREST IN HAM RADIO _____
ADDRESS _____ PH (____) _____
CITY _____ STATE _____ ZIP _____

MAKE CHECKS PAYABLE TO: THE NORTHERN OHIO AMATEUR RADIO SOCIETY
SEND TO: P.O. BOX 354 LORAIN OH. 44052