

2-26-93

# AARC ZERO BEAT

VOLUME 7 NO. 3

MARCH 1993

## Members tour region explaining Fox Hunting techniques

# A new specialty?



Who would have suspected that our interest in fox hunting would have such far-reaching effects?

Within the past few months, John Myers WX8G, his wife, Pam N8IAK and a small but dedicated group of followers have been traveling to places like Colerain, Ohio; Beaver, Pa. and East Liverpool, Ohio to offer their expertise on fox hunting.

Who would have imagined that Fox Hunting Fever would hit the Tri-State area?

Some of the team's other followers have been Bill Bennett W8ZZS, Frank

Sanor WA8WHP and Dan Mutigli N8LVO.

"I'm excited that there's so much interest in fox hunting," says John WX8G.

In most instances, John says that clubs have tried fox hunting and are looking for some tips. "They want to see if they are doing something wrong and ... somehow they

get the idea we've been doing it a long time and that we're experts."

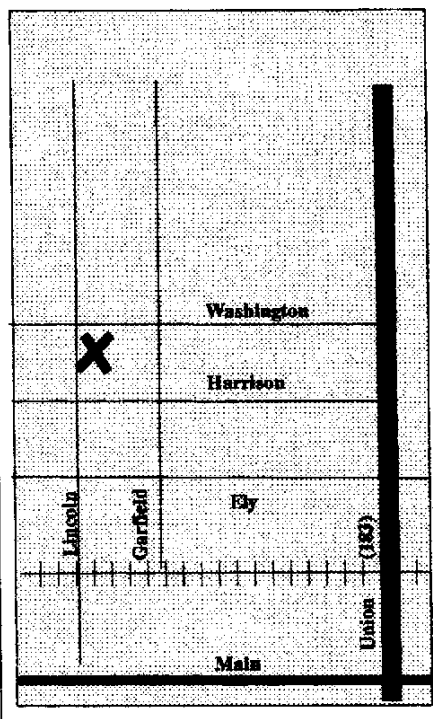
The schedule for this month includes: March 11 at Mahoning Valley ARA and March 16 at Lisbon. John has also scheduled a seminar for the Wheeling Hamfest on May 16. Contact John if you would like to go.

*ZERO BEAT: The art of all parties being on the same frequency.*

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## Meeting location changed



Due to a scheduling conflict at the hospital, the next meeting of the Alliance Amateur Radio Club will be held at the First Church of God on N. Lincoln Avenue.

The date will be Thursday, March 4 and the time is 7:30 p.m. as usual.

Directions: take Union Avenue north; just past El Pancho's (Main Street) you will go under a railroad bridge; turn left on Ely Street, then right on Lincoln; just past Harrison Street, you should see the church on the right.

There is parking just before the church on the right. The address of the First Church of God is 505 N. Lincoln. The meeting will be at the fellowship hall.

Make sure you keep these directions handy because the April 1st meeting will also be held there. The May meeting will then be held back at the hospital.

N8LVO

**MEMBERSHIP RENEWAL**

Membership in the Alliance Amateur Radio Club expires on March 31, 1993.  
Please fill out this form and return it to the treasurer so there will be no interruption in receiving your newsletter.

NAME \_\_\_\_\_ PHONE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY, ST, ZIP \_\_\_\_\_

DATE OF BIRTH \_\_\_\_\_

PLACE OF EMPLOYMENT \_\_\_\_\_

TYPE OF WORK \_\_\_\_\_

OTHER ORG. YOU ARE A MEMBER OF: \_\_\_\_\_

CLASS OF LICENSE: \_\_\_\_\_ EXPIRATION DATE: \_\_\_\_\_

YEAR FIRST LICENSED: \_\_\_\_\_ ARRL MEMBER? Y N

AREAS OF SPECIAL INTEREST (DXING, ATV, RTTY, ETC): \_\_\_\_\_

SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

PLEASE CIRCLE MEMBERSHIP:

SUSTAINING-\$15.00 FULL-\$10.00 ASSOCIATE-\$5.00 FAMILY-\$1.00  
(Family members must currently live in the same household)

**THE ALLIANCE AMATEUR  
RADIO CLUB ZERO BEAT**

*Published the third week of every month by John Myers WX8G.*

*Changes in one's address may be sent to: John Myers, 510 W. Harrison, Alliance, Ohio 44601.*

*Deadline is the 14th day of the month.*

*The Alliance Amateur Radio Club is an American Radio Relay League affiliated club and is also a special service club.*

*The club meets the first Thursday of each month at the Alliance Community Hospital in the employees' cafeteria. Meetings start at 7:30 p.m.*

**-- SUBMISSIONS --**

Stories may be submitted to the editor on 3.5 inch disk AND in writing. Entries should be written double-spaced on white paper and postmarked to:

Daniel Mutigli N8LVO  
925 E. First St.  
Minerva, Ohio 44657

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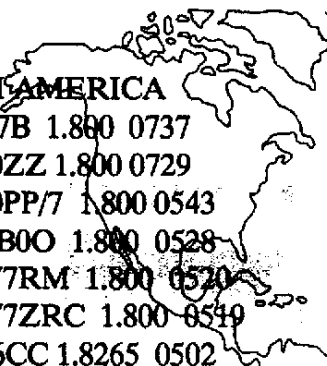
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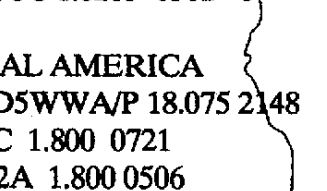
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WHERE'S DX?

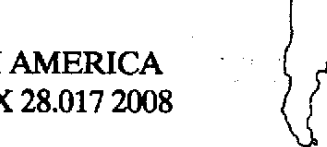
By Jack Bennett WSWFN



**NORTH AMERICA**  
 1-30 AI7B 1.800 0737  
 K0ZZ 1.800 0729  
 K0PP/7 1.800 0543  
 WBOO 1.800 0528  
 W7RM 1.800 0520  
 W7ZRC 1.800 0549  
 KH6CC 1.8265 0502

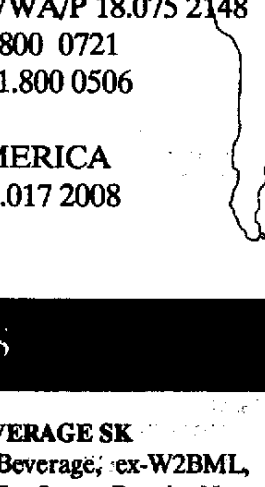


**CENTRAL AMERICA**  
 2-3 FG/D5WWA/P 18.075 2148  
 TI1C 1.800 0721  
 1-30 KP2A 1.800 0506




**SOUTH AMERICA**  
 PY2IAX 28.017 2008

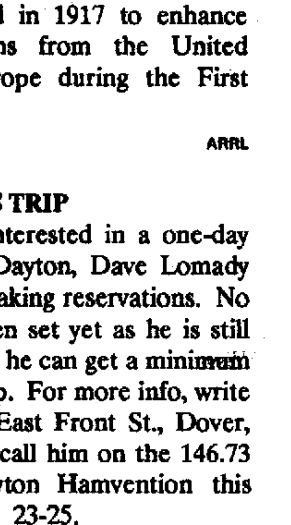
All times are in UTC. All contacts are CW.



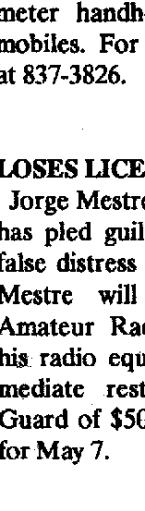
**EUROPE**  
 2-4 S59KAE 14.023 1712  
 LZ3SM 14.003 1656  
 4N4XX 14.012 1650  
 1-30 ON4UN 1.843 0081  
 1-29 G0FQT 10.116 2132  
 DL1HSC 3.513 0427  
 HA3HV 3.507 0422  
 1-28 SP9CAT 21.034 1440



**AFRICA**  
 1-25 9F2CW 14.025 1844



**ASIA**  
 2-4 UI8GA 14.032 1236  
 1-28 UB5HNV 21.030 1527  
 US1U 21.025 1513  
 RB5TCH 21.042 1458  
 1-20 JE2PPQ 14.027 0350  
 JA17 JW0F 14.024 0152  
 UZ0UWC 14.013 0135  
 JA0UQ 14.027 0117  
 UA1ZAA 14.014 0039



**OCEANIA**  
 1-28 AH1A 14.023 0201  
 1-26 VK2STU 14.066 0552  
 H44JS 14.032 0538  
 1-25 VK5JC 14.019 2126

BRIFTS

**HAROLD BEVERAGE SK**

Harold H. Beverage, ex-W2BML, died Jan. 27 in Stony Brook, New York. He was 99 years old. He is immortalized as the inventor of the Beverage Receiving Antenna which was developed in 1917 to enhance communications from the United States to Europe during the First World War.

ARRL

**DAYTON BUS TRIP**

For those interested in a one-day excursion to Dayton, Dave Lomady WD8CKK is taking reservations. No costs have been set yet as he is still trying to see if he can get a minimum of 38 signed up. For more info, write Dave at 723 East Front St., Dover, OH 44622 or call him on the 146.73 repeater. Dayton Hamvention this year is April 23-25.

FEEDLINE

**MS WALKATHON**

Jack Wade N8LCS is coordinating communications for the National Multiple Sclerosis Walkathon in Canton on Sunday, April 18. He needs at least 12 volunteers with 2 meter handhelds and a couple in mobiles. For more info, contact Jack at 837-3826.

FEEDLINE

**LOSES LICENSE**

Jorge Mestre, NS3K, of Fairfax Va., has pled guilty to communicating a false distress signal on Aug. 7, 1992. Mestre will surrender his FCC Amateur Radio license, dispose of his radio equipment, and make immediate restitution to the Coast Guard of \$50,000. Sentencing is set for May 7.

ARRL

**SOFTWARE PIRATES NABBED**

Employees of IBM, Philips, the

German federal interior ministry and the federal office for the protection of the constitution are among those who unwittingly 'turned themselves in' when a German computer software company resorted to an undercover strategy to find out who was using illegal copies of one of its programs.

Hundreds of customers accepted Cadsoft's offer of a free demonstration program that, unknown to them, searched their computer hard disks for illegal copies.

Where the search was successful, a message appeared on the monitor screen inviting the customer to print out and return a voucher for a free handbook of the latest version of the program. However, instead of a handbook the users received a letter from the Bavarian-based software company's lawyers. Since last June about 400 people have returned the voucher.

WB3FTP

Latest FCC call signs as of Feb. 1, 1993:

	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	AREA 7	AREA 8	AREA 9	AREA 0
EXTRA	AA1FD	AA2MK	AA3DE	AA4ZT	AA5KJ	AA6QH	AA7TO	AA8JU	AA9FT	AA0LH
ADVANCED	KD1MU	KF2MW	KE3GQ	KQ4NA	KJ5HW	KN6GJ	KI7JT	KPHYV	KP9NF	KG0DN
TECH/GEN	NI0FW	N21PL	N30CP	*	*	*	*	N8WXO	N96DT	NOVHH
NOVICE	KB1AQS	KB2FVW	KB3AOG	KD4WLX	KB5YJN	ED6RVS	KE7SGY	KB8OQD	KB9UP	KB0KYS

## Moved and Seconded: the Feb. 4 meeting

All officers and trustees were present except for Allen Dicks W18T.

The meeting was called to order at 7:31 p.m. at the hospital by President Pam Myers N8IAK with 26 members and 8 guests. Guests for the evening were: Dallas Underwood, Bill Moretta N8TLY, Bob Rickard KB8GAG, Gary Lewis KB8MSX, Peter Lucke N8IGZ, Michael Russell, Harold Lazear, Jr. and Dave Buckwalter KC3CL.

Treasurer Allen W18T was absent, but he communicated the report to John Myers WX8G. The total balance is \$3,454.87. Breakdown: CDs total \$2,473.57; First American Savings \$622.11; checking \$334.39; and \$24.80 petty cash. This is a net decrease of \$51.44 over last month. The aforementioned also includes \$1,677.30 earmarked for the repeater fund.

### COMMITTEE REPORTS.

**NEWSLETTER** -- Dan Mutigli N8LVO reported the deadline is Feb. 14.

**RADIO CLASS** -- Larry Ashburn KE8VE reported that about 6 students are in the class at the hospital.

Jim Ferguson N8DZA said the YMCA class is going well and that another student has passed his Novice and will soon try for his Tech.

**OLD BUSINESS**

**FOX HUNT** -- John WX8G reported the team of Bill Bennett W8ZZS, John Bray N8SFN and Dan N8LVO won the Jan. 16 hunt. The next hunt will be Sat., April 17. Plans are to schedule a **TRAINING EXERCISE** sometime before that so members can test their equipment. Tentative date will be Saturday, March 20 at Butler-Rodman Park.

**CHRISTMAS PARTY** -- Pam N8IAK reported that Roadhouse Charley has already been booked for Dec. 11. Pam said the party has been confirmed for Saturday, Dec. 18 at 6 p.m.

**CALLBOOKS** -- John WX8G reported the new 1993 set of callbooks are in. The 1992 callbooks were auctioned and winners were: John Bray N8SFN North American Callbook, \$12; Bill Moretta N8TLY DX Callbook, \$13.

**PROGRAMS** -- Bill W8ZZS reported he is lining up a ham who is retired from the Akron-Canton Airport control tower. This will be for the April meeting. For the May meeting, Bill said he is trying to get Nick Miller, of the National Weather Service, Youngstown branch, to come and speak on SKYWARN. June's program is on hold so that we can discuss plans for Field Day. The program for March will be on Feedlines and Allen W18T will be the featured speaker.

**AUDIT** -- John N8SFN reported that the books are in order for 1992. He noted a few shortcomings; and

that Allen W18T has corrected this by adding a ledger for every account.

**CLUB SCRAPBOOK** -- Jim Wilson KB8GHZ said he will be the caretaker and hopes to have it updated by the next meeting.

**FOX HUNTING LECTURES** -- Three Fox Hunting lectures are planned for February. They will be: Beaver, Pa. on Feb. 11; Lisbon on Feb. 16 and E. Liverpool on Feb. 23.

### NEW BUSINESS

**FIELD DAY** -- John WX8G and Allen W18T will be the co-chairmen. After some discussion, members decided to return to the 1991 site at Marlinton Middle School. Motion was made by Jim Miller N8MAA, seconded by Jim KB8GHZ. Motion passed.

### ANNOUNCEMENTS

Tom Scoville KB8JBG has upgraded to Tech.

**QST story:** John WX8G reported that several pictures will be published in the March issue of QST regarding Jim KB8GHZ's emergency station from Mall Show '92.

**PROGRAM** -- Larry KE8VE gave a 30-minute talk on the solar flux.

**NEW MEMBERS:** MARK HANNA N8RNG, PETER B. LUCKE N8IGZ and BILL MORETTA N8TLY. Total members are now 48 with 43 Full or Sustaining; 30 ARRL or 70 percent.

A 15-minute break was taken at 8:05 p.m. to sell 50-50 tickets.

Winner of the drawing was Dan Mutigli N8LVO who won the \$11.00 split and gave all but \$1 back to the club.

On a motion from John WX8G, seconded by Jim KB8GHZ, the meeting adjourned at 8:50 p.m. for after-meeting socializing.

### NEXT V.E. EXAM

DATE: MARCH 13

WHERE: RAVENNA

TIME: 9 A.M.

CONTACT: JOANNE

PHONE: 274-8240

## The updated 5.37 Repeater directory

Jim Ferguson N8DZA would like to share the following information about the speed dial phone numbers with the AARC membership. Please remember to identify your station before and after using these functions.

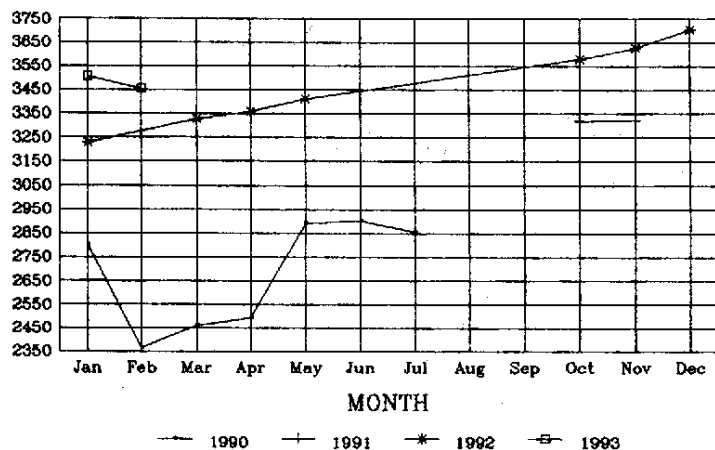
### COMMAND FUNCTIONS

- 1\* SEND TIME IN CW
- 2\* SEND DATE IN CW
- 3\* SEND TIME AND DATE
- 4\* DVM FUTURE SLOT
- 5\* CHANGE RESET TO "W"
- 6\* CHANGE RESET TO BEEP

### SPEED DIAL NUMBERS

NR.	CALL	PHONE	NAME
12*	N8JKZ	821-8469	GENE
13*	N8JKZ	PRIVATE	GENE
14*	N8LKZ	PRIVATE	GENE
15*	N8DZA	823-3925	JIM
42*	N8GIE	PRIVATE	JOHN
44*	K8DEN	823-2304	RAY
54*	N8DZA	PRIVATE	JIM
55*	K8LW	823-9325	LOU
69*	K8OMO	PRIVATE	DON
70*	K8OMO	935-2960	DON
84*	N8EAD	823-3067	MATT
102*	WX8G	821-5513	JOHN
102*	N8IAK	821-5513	PAM
110*	KF8JD	823-8728	BILL
111*	KF8JD	PRIVATE	BILL
112*	N8PLA	821-7427	JOHN
123*	N8QXT	525-7816	BILL
135*	KE8II	938-9135	HAL
177*	KB8ETV	821-6902	BOB
177*	N8MYR	821-6902	TERRY
321*	WD8JRR	821-8610	BILL
355*	N8PLM	938-9023	CHUCK
355*	N8PLN	938-9023	GLORIA
418*	KE8VE	821-9808	LARRY
811*	N8EWV	938-6719	LARRY
812*	N8EWV	PRIV.	LARRY
814*	KC3CL	821-4409	DAVE
815*	W8WEN	821-9779	JACK
820*	N8NLZ	821-8423	DAVE

## AARC ASSETS 1990-93



Compiled from meeting minutes

## THE FINAL FRONTIER

The following is the 1993 schedule for the space shuttle: STS-54 Jan 13, STS-55 Feb 25, STS-56 Mar 23, STS-57 Apr 29, STS-51 Jul 09, STS-58 Aug 26, STS-60 Nov 16 and STS-61 Dec 07.

Here is also the latest list of ham radio repeaters that transmit the NASA Select Channel, available from Satcom F-2R, Transponder 13 (72 degrees West).

Freq	Location
147.33	Akron
145.47	Pittsburgh
145.67	Cleveland (Lewis)
147.195	Cleveland (Lewis)

### SHUTTLE COVERAGE ON SHORT WAVE

The broadcasts which follow are transmitted by Amateur Radio Clubs at the NASA centers given. A radio capable of SSB reception is required. Frequencies are in MHz:

WA3NAN Goddard SFC (Green-

belt MD) 3.860 LSB, 7.185 LSB, 14.295 USB, 21.395 USB, 28.650 USB.

W5RRR Johnson SFC (Clear Lake TX) 3.850 LSB, 7.227 LSB, 14.280 USB, 21.350 USB, 28.495 USB.

W6VIO Jet Propulsion Labs (Pasadena CA) 3.840 LSB, 21.280 USB

### SPACECRAFT FREQUENCIES

You can only hear these transmissions if the spacecraft is above the horizon at your location:

145.550 SAREX (Shuttle Amateur Radio Experiment) Not on all missions.

259.000 Air to Ground or Suit to Orbiter.

259.700 Shuttle Primary Air to Ground, also Suit to Orbiter.

279.000 Suit to Orbiter and Suit to Suit.

145.550 Mir Space Station Voice and Packet.

N6CY

## AN AARC FIRST

## Club Spectrum

Conducted By Steve Ewald, WV1X  
Assistant Field Services Manager

## Clubs Take Amateur Radio to the People

The Alliance (Ohio) ARC organized a successful mall show exhibit September 13-15, 1992, with several other area clubs. The Carnation Mall in Alliance was the site for this multiclub effort to show the public what Amateur Radio is all about. According to 1992 Mall Show Committee Chairman John Myers, WX8G, this was the sixth year for the event. Members of the Alliance Youth ARC, the Salem Area ARA and the Canton ARC helped set up displays and operated the exhibit's Amateur Radio station.

Preparation for the event began two weeks beforehand with an antenna-raising party on the mall roof. Myers described the ingredients for the party: "The roof crew installed 1350 feet of RG-8 (that's a quarter mile!), 16 barrel connectors, three HF verticals, three J-poles and two magnetic-mount antennas."

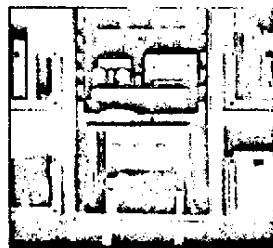
The Amateur Radio station saw lots of on-the-air action over the weekend, with contacts on packet, AMTOR, SSB, CW and FM. Meeting with the public was the primary goal and Don Whitaker, KR0MO,

presented a talk on Saturday. "Don has been active in the ARES and SKYWARN programs for many years," said Myers. "His experience showed, as his speech was very well received."

The award for the best display of the show went to Jim Wilson, KB8GHZ, and Gladys Wilson, KB8GIA, who designed and built a prototype of a portable emergency communications station.—thanks to John Myers, WX8G, and The Zero Beat, Alliance ARC newsletter.



Chris McKnight, N8DZA, demonstrates the packet radio station to visitors at the Canton (Ohio) ARC's display. (WX8G photos)



Gladys (KB8GIA) and Jim (KB8GHZ) Wilson, of North Canton, designed and built this portable emergency communications station. It includes HF and VHF/UHF equipment, simple antennas, batteries, tools, ropes, power supply, light and message forms. The whole station is in a self-contained cart that may be closed, locked and rolled out of the way when not in use.

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March 1993

## Teen will not face federal charges in hoax

Sources say a 19 year old will not face federal charges after falsely reporting a plane crash via 2 meters on the evening of January 25.

On the evening of January 25 and the early morning hours of January 26, Western New York hams monitored and responded to distress calls originating on a frequency of 146.220 MHz. The individual reported that he was involved in a light plane crash in northern Niagara county. Transmissions continued for nearly 4 hours.

Local amateurs worked closely with local police, fire and other agencies in an attempt to locate the downed aircraft. Emergency personnel searched the rural area for 2 days and after discovering nothing, declared it a hoax.

The next day, the Niagara County Sheriff Dept. was told by a local electronics store, that an individual had purchased a handheld amateur transceiver the day of the hoax and had returned it to the store the next day. After amateurs had supplied authorities with a tape of the event and direction finding data gathered on that evening, a local 19 year old pleaded guilty to third degree false reporting of an incident. He could face 90 days in jail and a \$500 fine. He is not a Ham.

Under federal charges he could have faced a \$10,000 fine and a year in jail. Estimated cost to the county for the search is in excess of \$60,000.

K02J



# ALLIANCE AARC

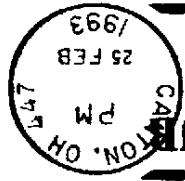
## MARCH 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2 AYRC CLASSES  AARC CLASSES 7 P.M. HOSPITAL	3	4 AARC MEETING 7:30 P.M. CHURCH OF GOD FELLOWSHIP HALL	5	6
7 CUYAHOGA FALLS HAMFEST 147.27	8 NOVICE CLASS AT SALEM 6 P.M.	9 AYRC CLASSES  AARC CLASSES 7 P.M. HOSPITAL	10	11 SAARA MEETING 7 P.M. RED CROSS	12 KBBIQZ BIRTHDAY	13 V.E. EXAM AT RAVENNA
14 CONNEAUT HAMFEST 147.39	15 NOVICE CLASS AT SALEM 6 P.M.	16 AYRC CLASSES  AARC CLASSES 7 P.M. HOSPITAL	17 CARC MEETING 7:30 P.M. SAFETY BUILDING	18	19 TORNADO DRILL  KB8IVS BIRTHDAY	20 PRACTICE FOX HUNT 2 P.M. BUTLER-RODMAN PARK  KE8VE BIRTHDAY
21 PITTSBURGH HAMFEST 146.73  TOLEDO HAMFEST 147.27  CIRCLEVILLE HAMFEST 147.18	22	23 AYRC CLASSES	24 WBACP BIRTHDAY	25 WBUKQ BIRTHDAY	26	27
28 MADISON HAMFEST & VE EXAMS 147.21 ZANESVILLE HAMFEST 146.61 KENTON HAMFEST 147.00  KB0MO BIRTHDAY	29	30 AYRC CLASSES	31			

DAVE GIBBS W8UKQ  
217 W. SIMPSON ST.  
ALLIANCE, OH 44601

TO:

Copies: 50  
Unit Price: \$0.18  
Date Mailed: Feb. 28, 1993



ALLIANCE AMATEUR RADIO CLUB  
P.O. BOX 3344  
ALLIANCE, OHIO 44601

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MARCH 1993

### Postscript

By Dan Mutigli N8LVO

First I would like to congratulate James Lilley for passing his No-Code Technician test. Jim was a student in our Novice Class at the hospital and is currently a student in our Tech-General class.

Because he took our class and passed his test, he is now eligible to become an Associate member of the club at no charge.

Our Bylaws stipulate that a person who has completed an AARC class is eligible for an Introductory Membership. All he has to do is let us know what his expiration date is on his FCC license when it comes, his callsign and license class. He then has the privilege of receiving the newsletter and attending club meetings and other functions.

In addition, I would also like to congratulate P. Carrozzi for passing his Novice test at the YMCA. The 17-year-old is from Ravenna and received his license in about three weeks which I think is a World Record! Who says the FCC is slow? His new call is KB8OQX.

I'd also like to mention that John Myers WX8G is looking for a copy of the WR9R program for logging Field Day results. If you can make a 3.5 inch copy on a 720K disk for an IBM compatible, John would sure appreciate it.



### Prez Says

By Pam Myers N8IAK

I was absolutely thrilled to see the turnout at the last club meeting!

Did you notice that we just about filled up the back of the cafeteria? Are we growing out of the back half of the cafeteria? We may have to seek another place to hold our meetings. Would anyone like to offer suggestions on where else we might hold our meetings?

Speaking of meetings, our next meeting will have a program on Feedlines by Allen Dicks W18T. You won't want to miss it.

Also, please support the Tri-County News and Information Net. I'm sure Dan would appreciate not doing the net every week. We need control operators. It's simple to do and once you have one net your belt, it becomes easier. Net formats are available, so just ask.