



# Zero Beat

Mall Show

Page 3

Serving hams in the Tri-County Area

Volume 8 No. 7

The Alliance Amateur Radio Club

September 1994

P.O. Box 3344, Alliance, OH 44601

## Field Day 94

Well, another Field Day is behind us. Nobody died, & we even managed to work a few more stations than last year.

This year, the CW boys won bragging rights, as CW contacts edged out Phone by a whopping 18 QSO's (see below). This year, we operated in class 4A & made 966 QSO's. These were spread around on all bands and modes from 80-10 meters, as well as on 6 and 2 meter SSB.

As promised, the operators were well fed. While, for lunch, everyone chipped in for pizza, Bill Moretta N8TLY, ensured that dinner would be unforgettable. Bill brought a feast from his restaurant, Padulah's, in Massillon. It was rumoured that anyone that walked away from that dinner with an empty stomach, must already be dead.

For breakfast, Chef David Hostetler N8NLZ prepared pancakes and ham. This was the hit of the morning, though I think that next year the chef will prefer that we cook on gas grills instead of campstoves.

Logging went pretty well. There will be some more training on logging & duping, before next year.

The weather cooperated (NOT!). It rained during setup and teardown, but the weather was pretty good the rest of the time.

	1993		1994	
Band	CW	SSB	CW	SSB
80	35	104	37	130
40	49	153	163	154
20	157	1	245	50
15	0	120	26	25
10	0	0	21	59
6	0	0	0	19
2	11	20	0	37
Total	252	398	492	474

The results have been sent to the league via certified mail, and they will be in the November issue of QST.

## Take back 11 meters

by Bill Pasternak, WA6ITF

The 11 meter band-  
"a wasteland even the government can't use"  
-NIKIO

If you aren't on packet, then you may be unaware that a growing number of hams are sounding a call to arms. They aim to take part of 11 meters back from the Citizens Radio Service and turn it over to Novices and no code Technician class Amateurs.

It's no joke. Those involved are serious. They intend to do it right, the political way, by petitioning the FCC to make the changes to the rules governing both the Amateur and Citizen's Radio Services. The debate started on packet radio, when Tom Saluti, NIKIO (of New Durham, New Hampshire) posted an "all United States" bulletin on the subject. Tom's idea has quickly attained a great amount of support. Here's the story.

In his posting, NIKIO called the 11-meter band "a wasteland even the government can't use." This, Tom says, is because *freeband* illegal operators have taken over, from 26 to well above 28 MHz, into the 10 meter ham band.

Tom noted that, since the FCC has recently taken frequencies away from Amateur Radio, it might be time for them to give some spectrum back-by abandoning their efforts to handle the 11-meter problem and returning 27.500 to 28.000 to the Amateur Radio Service.

He said Amateurs can solve the mess by permitting Novices and Techs to run CW and data from 27.500 to 27.700 and voice modes above 27.700.

Ever since it's posting, NIKIO's bulletin has been controversial; not the idea of running the illegal operators off 11-meters, but getting the spectrum re-assigned as an Amateur band. Almost everyone who commented wants it to happen. The debate has been over *how*.

Many hams apparently harbor high-level animosity toward the *freeband* illegal's. And they question how we can get the FCC to take the request seriously.

One response gaining support suggests circulating a petition via packet radio. After a few months, a printout with callsigns and signatures could be sent as a rule-making request, to the private Radio Bureau.

No matter what the outcome, one thing is certain: a fire is being fanned by no code hams who want access to high-frequency spectrum. The fire is growing, its cinders are falling in *freeband*, and Radio Amateurs are becoming political. Stay tuned.

From the March/April '94 "Radio Amateur Communicator," via the May '94 Suffolk county RC newsletter-Cliff Smith N2AKZ ed., & the September, '94 ARNS bulletin, Dave Barton AF6S ed.

## Meeting Announcement

Our next meeting will be held on September 1st at the Alliance Community Hospital. We will be meeting at 7:30 PM, in room A, which is just off the Cafeteria.

Of course, visitors are always welcome.

The Alliance Amateur Radio Club  
P. O. Box 3344, Alliance, OH 44601

## Officers

### President

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North Canton, OH 44721 492-3754

Jim Ferguson N8DZA

115 E. Cambridge

Alliance, OH 44601 823-3925

The Alliance Amateur Radio Club meets on the first Thursday of every month, at The Alliance Community Hospital. Our meetings are held in room A, and begin promptly at 7:30 PM. Visitors are always welcome.

## Editorial

Well, as they say in the movie; "T-h-e-y-r-e b-a-c-k"! After a month's R & R, we're ready to tackle the newsletter again. During that month, I was going to do some articles for future issues, and redesign the front page. I didn't do that. Boy, how time flies!

I did manage to finally get on Compuserve, though. This will give you a new avenue for submitting info to the *Zero Beat*. You can send info on packet, by contacting KE8VE, who will forward it to me.

By now, you've probably read the Field Day wrap-up, & digested all the numbers. The numbers are nice to look at, but they don't tell you how great the food was. Nor does it say a word about all the hours of work that were spent in planning and putting on this event. How about the generators? Or the gas to run them? They didn't magically appear at the Field Day site. To all you who donated your time, money, & sweat; Thanks!

As I'm writing this, we're waiting to see if the baseball strike will happen. What baffles me, is why someone who makes \$15,000 per hour would want to strike.

We're also making plans for the Mall show, which will be held on September 17-18th, at the Carnation Mall in Alliance. (See related story in this issue).

The following editorial, by Armond Noble N6WR, is from the July, 1994 issue of Worldradio.

It seems there was an effort to lower the requirement from 13 WPM to 10 WPM recently. There are at least two arguments against such a move.

First is (as has been stated) if you learn the code at 13 (seems to be a magic level) you will never forget the code.

Second, lets let Amateur Radio be the last bastion against "dumbing down." We have high school graduates who absolutely cannot read. It is painful to see a recent student anguishing over making change at a cash register. There are more ways of learning CW than ever before. This is not the time to

## Editorial

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Thanks to the contributors to  
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The Zero Beat is a publication of the Alliance Amateur Radio Club, P.O. Box 3344, Alliance, OH 44601. Contributions to the Zero Beat are welcome, and can be given to any board member. Articles can be submitted in hard copy, or on IBM formatted disk (3.5" or 5.25" IBM). We can read most word processor formats. Direct telephone transfer, via modem can be arranged by calling WX8G at 821-5513. Submissions can also be forwarded as E-mail, to 75027,1342 @ Compuserve.com.

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# Where's DX ?

By Jack Bennett, W8WEN



## North America

7/18 HI3MTU 14.016 2020Z

## South America

7/18 YWORCV 21.005 1955Z

7/18 YWORCV 14.007 2009Z

## Europe

7/4 ER4ZZ 14.031 1948Z

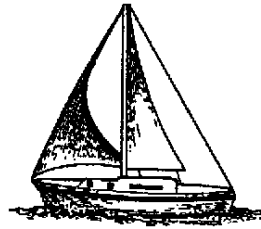
7/4 1A0KM 14.025 1952Z

7/4 Z31GB 14.010 2200Z

7/11 YP700BV 14.009 0120Z

7/12 T92A 7.008 0258Z

7/23 Z31GB 7.008 0315Z



## Africa

7/11 6W6JX 14.020 0106Z

7/12 3B8CF 7.003 252Z

## Asia

7/6 VU3VOA 14.011 0141Z

8/4 VU2MAB 14.017 0250Z

## Oceania

7/11 V73C 14.030 228Z

7/15 KH6CF 14.007 0155Z

7/31 3D2YH 14.021 0401Z

# Mall Show 94!!

Mall show 94 is almost here! For one weekend every year, Carnation Mall comes alive with the sights and sounds of Amateur Radio.

The show has been confirmed for September 17, & 18 during mall hours.

A new display this year, courtesy of the Salem Area Amateur Radio Association, will be possibly the worlds largest working code key. We'll also have working displays of many different aspects of Amateur Radio, such as Packet, CW, Sideband, & more.

Even if you've not been asked to organize a table, you can still help. We'll need plenty of help for the antenna party, as well as setup. The antenna party will be announced a week or two in advance, while the setup will be at 9PM on Friday, the 16th.

The show will run during mall hours on Saturday & Sunday, and plenty of help is needed to meet the public and answer questions. Please let John Myers WX8G know when you can help.

## Fox is captured and skinned!

(not really, but we made you look.)

The AARC's summer fox hunt was held on July 16th. Winners were John (WX8G) & Pam (N8IAK) Myers, with Don Whitaker (K8OMO) coming in 2nd by a hair.

This was one of the closest hunts in recent years, with the final score determined by multiplying the elapsed time by the distance traveled. K8OMO found the fox ten seconds ahead of WX8G & N8IAK, but in doing so, he traveled three tenths of a mile more than the first place finishers.

A fox hunt (also known as a hidden transmitter hunt) is a radio direction finding exercise. In case of a downed aircraft, or a signal that is interfering with communications, the skills that are learned during a fox hunt are invaluable. The hunter uses directional antennas to determine the bearing of an incoming signal, and plot it on a map. After taking readings from two or three different locations, the lines that you've drawn on your map should converge at the signal's point of origin. Unfortunately, it doesn't always work that way. The incoming signal sometimes reaches your antenna by a less than direct path. VHF signals will be reflected by many objects, both man-made and natural. The fun part of fox

hunting, is in determining which is the good reading and which is the reflection.

The foxes for this hunt were John Bray KF8ZG, & Bill Bennett W8ZZS. For their hiding place, they chose the parking lot at the Mill Creek Recreation Area, on the East shore of Berlin Lake. They transmitted with power levels as high as 50 watts into a mobile antenna. Good signals were heard at the starting line, which was a real bonus for the hunters.

The other hunters were: Dave Buckwalter KC3CL, who we heard dropped out with equipment problems; Jim Ferguson N8DZA, who came real close; and Mike Duke N8XER with Frank Sanor WA8WHP. We're not sure where Mike & Frank wound up, but they must have been in the neighborhood, since they beat us to the restaurant.

The next hunt will be held on October 22nd. Time & starting point will be announced in the next issue of the *Zero Beat*.

This space is dedicated to the memory of the ink darter, a small insect which gave it's life so that you could read this newsletter without squinting.

## Editorial

Continued from page 2

compromise.

A few years ago at the Pacific Division convention, a young amateur told me a very interesting story. He wanted to become a ham and spotted an antenna in his neighborhood. Visiting the amateur, he relayed his wishes and was told to show up twice a week after school, and he would be taught the code. He did exactly that.

When he showed up for the FCC exam the inspector turned on the tape machine. The young man sat with his pencil down on the paper. The inspector told him to get started. He replied that he would when it got up to 13 words per minute. He was told that was 13 WPM and he started writing.

His after school instructor Katashi Nose, KH6IJ, had taught him the code right off the bat at 20 WPM. There were never any words about how difficult many found this or anything like that.-N6WR

# AARC MEMBERS

27-Aug-94

CALL SIGN	LABEL NAME	PHONE #	STREET ADDRESS	CITY	STATE	ZIP	CLASS
	Dianna Ashburn	821-9808	1080 W. Beech St.	Alliance	OH	44601	
	David Walker	823-6737 or 821-8818	68 E. High St.	Alliance	OH	44601	
K5TQN	Larry Amann		10 Angel Falls Circle.	Ormond Beach	FL	32174	E
N8BGJ	Larry Newton	894-2825	23550 Sandy Creek Rd.	Minerva	OH	44657	G
NW8C	Paul Beane		693 Wilcox Ave.	Alliance	OH	44601	E
K8DEN	Ray Scoville	823-2304	14096 Bandy Rd R4	Alliance	OH	44601	T
N8DZA	Jim Ferguson	823-3925	115 E. Cambridge	Alliance	OH	44601	IG
N8EAD	Matt Thomas	823-3067	8439 Shubert Ave. N.E.	Alliance	OH	44601	A
KB8ETH	Jeff Bennett	762-6057	105 Price Place	Akron	OH	44308	T
N8EWV	Larry Hillier	938-9435	18334 Rt. 62	Beloit	OH	44609	A
WX8G	John Myers	821-5513	510 W. Harrison St.	Alliance	OH	44601	E
KB8GAG	Bob Rickard	823-4613	12446 Rockhill NE	Alliance	OH	44601	T
KB8GHZ	Jim Wilson	492-3754	6974 Rolling Ridge N.E.	North Canton	OH	44721	A
KB8GIA	Gladys Wilson	492-3754	6974 Rolling Ridge N.E.	North Canton	OH	44721	T
AA8GY	Jerry Shore	823-7816	880 Parkway Blvd.	Alliance	OH	44601	E
N8IAK	Pam Myers	821-5513	510 W. Harrison St.	Alliance	OH	44601	A
N8IGZ	Peter B. Lucke	821-7269	425 E. Milton St.	Alliance	OH	44601	IG
KE8II	Hal Kelley	938-9135	505 W. Ohio Ave.	Sebring	OH	44672	IE
KB8IQZ	Chuck Bench	821-3138	12574 Greenbower St. NE	Alliance	OH	44601	T
KB8JBG	Tom Scoville	525-5248	725 Westville Lake Rd.	Beloit	OH	44609	T ?
KE8KH	Patti Hillier	938-9435	18334 Rt. 62	Beloit	OH	44609	A
KB8LEH	Stacy Yendrich	938-2465	18323 Derr Ave.	Beloit	OH	44609	T
KB8LEJ	Dave Mangus	823-4299	13970 Helen Ave.	Alliance	OH	44601	T
KA8LKQ	Dick Bontrager	821-0931	1658 Burt Ave., Apt. B	Alliance	OH	44601	IG
N8MAA	Jim Miller	875-2629	413 Woodard Ave.	Louisville	OH	44641	T
N8NLZ	Rev. David Hostetler	821-8423	2230 Clark Ave.	Alliance	OH	44601	T
KB8NQL	Lance Farkas	821-9606	648 Parkway Blvd	Alliance	OH	44601	T
KB8NSH	Thaddeus Walker	823-6737 or 821-8818	68 E. High St.	Alliance	OH	44601	T
AA8NV	Larry Beaver	875-1922	1210 E. Main	Louisville	OH	44641	E
KB8OMO	Don Whitaker	935-2443	8775 Edison St. NE	Louisville	OH	44641	E
N8PLM	Chuck Lazear	938-9023	355 N. 12th St.	Sebring	OH	44672	T
N8PLN	Gloria Lazear	938-9023	355 N. 12th St.	Sebring	OH	44672	T
KB8RJA	Steve Been	358-2131	5432 McClintocksburg Rd.	Newton Falls	OH	44444	T
KB8RJC	Dennis Siegfried	588-7460	General Delivery; Cedar Point Station	P.O. Box 5006, Sandu	OH	44871-8006	T
KB8RMP	Paul R. Boggs, Sr.	821-3356	153 E. Cambridge St.	Alliance	OH	44601	T
N8RNG	Mark Hanna	823-4761	2067 Center Ave.	Alliance	OH	44601	T
KB8RNV	Glenn Martin	821-3494	21331 Oak St.	Alliance	OH	44601	T
KB8SAV	Tom Jones		1701 Westwood Ave., Apt. B	Alliance	OH	44601	
KB8SKS	Dallas Underwood			Alliance	OH	44601	T
KB8SWV	Dana Barnes	525-7698	25133 Bowman Rd.	Homeworth	OH	44634	T
N8SYF	George Ziga	821-0549	2425 Crestview	Alliance	OH	44601	T
WI8T	Allen Dicks	875-4344	8870 Alberta Beach	Louisville	OH	44641	E
N8TLY	Bill Moretta	875-1402	7700 Georgetown Rd.	Louisville	OH	44641	E
W8UKQ	Dave Glass	823-4855	217 W. Simpson St.	Alliance	OH	44601	T
KE8VE	Larry Ashburn	821-9808	1080 W. Beech St.	Alliance	OH	44601	A
N8VPA	Grant Kelley	938-9135	505 W. Ohio Ave.	Sebring	OH	44672	T
W8WEN	Jack Bennett	821-9779	3591 Mountview Ave	Alliance	OH	44601	E
WA8WHP	Frank Sanor	894-2186	24462 SR 172	Minerva	OH	44657	E
N8XER	Mike Duke	823-6873	2161 Center Ave.	Alliance	OH	44601	T
N8XTJ	James Lilley	821-1308	67 E. Columbia St.	Alliance	OH	44601	T
N8YMQ	Brian Dicks	875-4344	8870 Alberta Beach	Louisville	OH	44641	T
KF8ZG	John Bray	823-4404	1624 Denwood St.	Alliance	OH	44601	A
WB8ZQX	Sam Simon	799-8464	2834 Rexford Rd.	Youngstown	OH	44511	G
W8ZZS	Bill Bennett	627-3600	2246 Scroll Rd.	Carrollton	OH	44615	E

# September 1994

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 7:30 PM AARC Meeting	2	3
4	5 20/9 VE exams 755-1000 KB3G1A Birthday KF8ZG Birthday	6	7	8 8:30 PM Tri-County News & Info Net WI8T Birthday	9	10 Akron VE Exams 972-7677 Lisbon VE exams 532-3151
11	12	13	14	15 8:30 PM Tri-County News & Info Net Youngstown VE Exams 534-1394	16	17
18	19	20	21	22 8:30 PM Tri-County News & Info Net	23	24 Akron VE exams 882-6883
25	26	27	28	29 8:30 PM Tri-County News & Info Net	30	

## QST de W1AW

Propagation Forecast Bulletin 34 ARLP034 From Tad Cook, KT7H, Seattle, WA August 20, 1994 Relayed by KB8NW/OBS & BARF-80 BBS

To all radio amateurs

SB PROP ARL ARLP034 ARLP034 Propagation de KT7H

Solar activity is low. Geomagnetic activity has been up a bit, peaking with an A index of 26 on August 14. Solar flux should stay around 80 for the next month, but there will be a slight peak near 85 around August 23 through 28. Geomagnetic conditions may become unsettled again around September 8 through 10.

Low solar activity means that the maximum usable frequency will be low over most paths. 20 and 30 meters are probably the best overall bands for long distance communication.

Sunspot numbers from August 11 through 17 were 37, 58, 59, 75, 61, 64 and 73, with a mean of 61. 10.7 cm flux was 76.7, 80.8, 84.5, 88.9, 81.4, 77 and 78, with a mean of 81.

The path projection for this week is from Jacksonville, Florida to Chad.

80 meters should be open from 0000 to 0445z, peaking around 0100 to 0130. 40 meters looks good from 2300 to 0530. 30 meters looks best from 2200 to 0300, and may possibly open again around 0500 to 0600. 20 meters should be open from 1930 to 0100. On many days, 17 meters should be open from 1600 to 2300, and on a few days 15 meters may be open around 1830 to 2030. 12 and 10 meters do not look good over this path at this time.

## Q & A

This month's question deals with county hunting. Yes, Virginia, there really are hams who have worked all 3076 counties in the US.

Dear all knowing wizard of Ham Radio, I live in Mahoning Co., but I have an Alliance Zip code, which places me in Stark County. I got a QSL card request for confirmation of Stark Co. What do I do? Signed, Ham without a county.

Dear Countyless, Confirm Mahoning County with your regrets, and a clear conscience. According to Ace Jansen, N3AHA, who writes the County hunting column in Worldradio, "It was once thought that Zip Codes were the answer, but your example highlighted how flawed Zip Codes as a county reference can be. That's why it's important for Hams to put their county (by location, not by address) on the QSL card". Ace goes on to confirm that if no county is listed on the card, then the USPS Zip Code Directory, available at the post office, is the last word, even though it might not be accurate.

## Short Circuits

- We have two new hams on the air. they are Gordon Berletich KB8UIV, & Dana Barnes KB8SWV. Gordon, and Dana went through the AARC Novice/Technician classes.
- The Carnation Triathlon was held on Sunday, August 14th. It started a little after 8:30 am, at West Branch State Park, and ended on the streets of Alliance. A handful of AARC members assisted with communications for this event. There were a couple of rough spots but, for the most part, the event ran pretty well.
- The new calls, as of August 1, for the 8th call area are as follows:  
Extra AA8PM  
Advanced KG8KK  
Novice/Tech/General KB8UIY
- If you missed the AARC corn roast on August 19th, shame on you.. We had plenty of the three F's (Food, Fun & Fellowship). Considering that it was put together on short notice, K8OMO, and crew did a great job putting it together. Special thanks go to Bob Rickard KB8GAG for the use of his field, and to John Molesky, for the corn, and his expertise in cooking it(I never knew that you could add brown sugar to the water. Boy was it good! ed.)

Alliance Amateur Radio Club  
P.O. Box 3344  
Alliance, OH 44601

## 5 years ago

from the August & September 1989 Zero Beat.  
Dennis & Janice Barber, KB8GCF & KB8GCE  
Editors.

- The August club meeting was held at Butler-Rodman Park, with the club picnic immediately following. If memory serves correctly, I believe that it was decided to adjourn that meeting after 5 minutes, and go on to the picnic.
- Pam Myers N8IAK, expressed a need for more elmers to help new Hams get on the air.
- Plans were being made for the Carnation Triathlon. The AARC was again asked to provide communications from various points on the course.
- We were out scaring up students for the Novice classes which were to begin in September.
- The ARRL board passed a resolution to recommend a No Code Amateur exam. Privileges would be 220 MHz & up, and would be called the "Communicator class" license.

## Pres Says

Here it is, almost September, and fall weather is not very far off. If you're thinking about fixing those antennas before winter, better not wait!

It is also time to think about running for a club office for the coming year. This is your club, and the officers are there to guide it, but as in any club, it needs input from its members. So, please consider running for a club office. Any trustee, who also serves as the nominating committee, will be glad to take your name and what position you would like to run for.

I'm looking forward to the mall show. It's our time to shine, and show what Amateur Radio is all about. See you at the meeting.

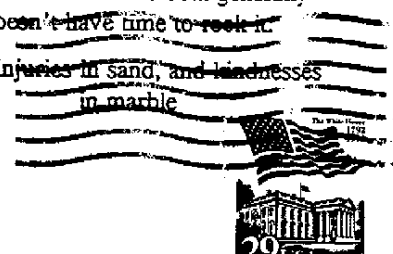
## Points to ponder

Experience is a wonderful thing; It enables you to recognize a mistake when you make it again.

Success-If you have tried to do something & failed, you are vastly better off than if you had tried to do nothing & succeeded.

The man who rows the boat generally doesn't have time to ~~reel it~~

Engrave injuries in sand, and leeches in marble



Dave Glass W8UKQ  
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