

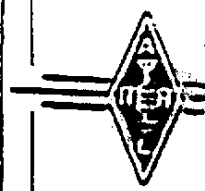
Affiliated with the "American Radio Relay League"

ALLIANCE

AMATEUR

RADIO CLUB

ZERO BEAT



OFFICERS TRUSTEES

President-Dave Buckwalter, KG4CL
Vice President-Gary Grimes, K8GAB
Secretary-Gladys Wilson, K8BGIA
Treasurer-Patti Hillier, KE8KH

Larry Hillier, N8EWV
Jim Ferguson, N8DZA
Larry Ashburn, KE8VE
Editor Pro Tem, John Myers, WX8G

APRIL, 1990

AARC MEETING!!

The next club meeting will be on April 5'th, 1990, at the Alliance Community Hospital. Meetings are held in the rear of the cafeteria, and begin promptly at 7:30 PM. This month's meeting will be focusing on the last minute preparations for the Ham Radio show at the Carnation Mall(see related story). As always, visitors are welcome, and coffee and donuts will be available. So come on out for an evening of fun.

CONGRATULATIONS go out to Bonnie Robison, K8BGAC, and Mary Ann Royer, K8BIVS. They passed their tests for Technician class licenses, at Ravenna, on March 10'th.

NEW EDITOR!

Dave Buckwalter-KC3CL, has volunteered to be the editor of the ZERO BEAT, starting with the May issue. Although we will hate to see Dave give up the presidency, he will be greatly appreciated in the editors job. Dave is bringing a lot of new & interesting ideas to the ZERO BEAT, so look for a new, improved newsletter soon.(N8IAK)

RAFFLES

No, Raffles are not those furry little critters that hide your car keys while you're sleeping. They are fund raisers for the AARC. By now, I'm sure everyone has received tickets to sell. Now the logical thing to do with them, is to get out there and sell them. The purpose here is two-fold. First, it builds up our club treasury, and Second, it puts a smile on our treasurers(Patti's) face.

We will raffle off an Icom IC-2GAT Hand-held 2 meter rig(2'nd prize is a Sears antenna rotor), or if you don't need an HT, we are also holding a 2'nd raffle for a compact disc player(1'st), or a 35 mm camera(2'nd). These tickets can be sold to hams & non-hams alike, and are a buck apiece or 6 for \$5. For further details, contact any AARC member.

10 METER RIGS BEING SOLD TO TRUCKERS!

Uniden is apparently still trying to sell 10 meter ham transceivers to truckers. They have a full page ad in the January, 1990 issue of "OVERDRIVE" aimed at the 18 wheeler market. They offer \$100 off a PT104 Trucker Radar Detector through March 28, 1990,...."when you buy our HR2510 Radio or PT104 Trucker CB Radio." The ad does not state that that the HR2510 is a 10 meter Amateur transceiver or that a license is required for it's operation. (Thanks Skywave-Wichita Falls, TX)

A Question of Grammer- Is it more correct to say "Six sheep and three sheep ARE eight sheep", or "Six sheep and three sheep IS eight sheep?" The answer later in the newsletter.

MURPHY'S LAW

YET ANOTHER VERSION

We all know about Murphy's law: whatever can go wrong, will go wrong-or something like that. Apparently, Murphy's law has become so widely accepted in the scientific community that it has evolved into a complex system of concepts, hypotheses, theoretical frameworks, paradigms, theorems, and axioms that attest to its rigor and vitality.

Well, it's almost April, so now might be a good time to contribute some 15 observations to help further the development of Murphy's law as one of the overarching paradigms of scientific thought.

1. Early to bed and early to rise is fine, except that one will never find out where the action is.
2. Go ahead and tell a lie, but be ready to come up with ten more fibs and prevarications to cover up lie number one.
3. If you go far out of your way to save a paltry couple of bucks, you'll likely end up spending more by the time it's all said and done.
4. Then, too, after all is said and done, a lot more is said than done.
5. Each and every project you undertake takes longer (sometimes a lot longer) than you expect it to take.
6. If you mess with something long enough, it'll break.
7. If there is any possibility of something going wrong, bet your last dollar that it will be the thing that costs the most to fix.
8. If you work too long to improve something, you're on the high road to tossing it out and starting over from scratch.
9. Be careful about papers you're thinking about throwing out. If it isn't in the computer, then it doesn't exist.
10. To err is human, but to really mess up with class and flair requires a computer.
11. If you're certain that everything is okay, you're dead wrong. You have undoubtedly overlooked something.
12. Cheer up! It's always the darkest just before it becomes totally black.
13. If you leave things alone, they just go from bad to worse.
14. If it ain't broke, don't fix it (unless, of course, you might make it better...)
15. The one time of the day when you lean back and relax is the one time when the boss walks through the office.

ONE FOR THE YL'S!

Did any of you notice that QST took out the YL's column? This was only ONE PAGE devoted strictly to women, out of a more than 150 page magazine! But, it looks like the YL's won out. QST is putting the column back in their magazine! (Thanks, ARNS, & Buckeye Burr)

4th Annual Mall Show

Set-up for the show is Friday evening, April 6th.

On Sat. & Sun. April 7th & 8th, during regular Mall Hours, MEET THE PUBLIC!

Demonstrate Amateur Radio, Share the experience.

Eye-ball contacts with visiting area Amateurs are always a highlight.

Raise Money \$, help sell raffle tickets, to benefit the projects of the AARC.

Inform yourself, and hundreds of citizens from your community about Amateur Radio.

Recruit Potential Novice class students, new licensees, new AARC members.

Experience new modes of operation, with VHF, UHF, RTTY, PACKETT, WEATHER FACSIMILE, ATV, SATELLITE, AMTOR, and much more.

Guest Speakers will be FCC Agent D. E. Ehret, and Mark Koontz from TV8 Weather.

This year's Mall Show Committee is KB8GAB/Gary, N8DZA/Jim, and N8EWV/Larry. If you have any questions, or ideas, these guys are waiting for your call. They need your support, and the show needs you.

The AARC Mall Show is YOUR chance to shine, to improve Amateur Radio, and to boost our club in MANY ways!!

For everyone involved in this effort, THIS IS YOUR SHOW! The last 3 shows were among the best in the country, and we should all be proud of our Lifetime Hobby. Taking time to share our hobby with the public is a large endeavor-larger than most people realize. This is when we all pull together to make it happen.

It is important to sell raffle tickets at this time to support our efforts. For the show alone, we rent tables & chairs, pay for tickets and literature to be printed, buy prizes up front, and purchase necessary hardware, and display supplies. These funds are supported solely by the raffle project, show admission is FREE.

Hats off to the Alliance Amateur Radio Club-One of the best in the country! When it comes to talent within Ham Radio, the hobby of a lifetime, the Alliance Club has it all!!

N8EWV/Larry Hillier

BOUVET ISLAND

Many of you heard the bedlam which was 3Y5X. For a lot of us, all we could do was listen. Well you were not alone. The FCC was also listening. During this operation, according to QRZ DX*, the FCC issued citations to 240 amateur stations for transmitting out of their band (on 3Y5X's frequency!). VP2ML, in the April, 90, issue of CQ, comments that some of the problems may have been due the fact that "many(most?) DXers don't know how to successfully operate split frequency.

*QRZ DX issue # 90-07, Bob Winn, WSKNE, Editor, Publisher

Ten-Ten International If you've been on 10 meters recently, you probably know who the "Ten-Ten'ers" are. While there's plenty of activity on 10 now that the sunspot cycle is close to it's peak, it wasn't always that way. In the valley years of the sunspot cycle there tends to be little activity on ten-so little that the band developed a "use it or lose it" character back in the early 60's, a character like some of our VHF and UHF bands today.

The Ten-Ten International Net, Inc., was formed in 1962; its original name was the Ten-Ten Net of Southern California. Its founding purpose was to promote both activity and good operating practices on the band. During its first few years, it grew very slowly, but, by 1975 there were some 10,000 members. It has more than 50,000 members now.

Ten-Ten has local chapters worldwide; these operate independently, though all chapter members must be Ten-Ten members. Many chapters issue certificates and other awards under rules which they establish themselves.

New members pay annual fees of \$4, and new members also pay a \$1 registration fee. Each member is assigned a unique "ten-Ten number" which he keeps for life; it's retained even if his callsign changes. Membership includes a subscription to the 10-10 International News and makes the member eligible to participate in various 10-10 activities, including contests and award programs.

The organization is also sort of a certificate-hunter's paradise. Many awards are issued by the net, including "bars" (for contacting ten other net members) and the International 500 Club. There are also the Worked All States, Countries, and Continents awards for 10 meter contact with members. Contests are scheduled regularly.

Membership has an unusual requirement. To join you first must contact 10 Ten-Ten members over the air, obtaining certain information from them(their Ten-Ten number, callsign, operator's name, date worked, city, and state or country). You then send in a \$4 check for first years dues and the \$1 registration fee (payable to the Ten-Ten International Net, Inc.).

The organization's structure is high decentralized, with various U.S. call area and DX area managers (too many to list here), so it's best to ask a Ten-Ten member over the air to which area manager you should send your membership request. The newsletter all members receive lists the managers and their addresses in each issue. (Reprinted from CQ Magazine, March, 1990, edition)

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The 6 most important words in the english language: I admit I made a mistake.

The 5 most important words in the english language: You did a good job

The 4 most important words in the english language: What is your opinion?

The 3 most important words in the english language: If you please.

The 2 most important words in the english language: Thank you.

The most important word in the english language: We.

The least most important: I.

and more words

Happiness is like potato salad-
when you share it, it's a picnic.

Just about the time you make ends meet-
someone moves the ends.

Be careful how you live-
You may be the only bible someone reads.

(reprinted from the newsletter of the Alliance chapter
of the American Red Cross; Sue Devries,Ed.)

Elections

Are YOU officer material?? The AARC's annual meeting is fast approaching (May 3rd), and that means election time! Dave, KC3CL, has already said that he would not run for president again, so, if you would like to be president, or run for any other office, contact one of the trustees (Larry-NBEWV, Larry-KE8VE, or Jim-NBDZA). Nominations will also be taken from the floor at the annual meeting. (N8IAK)

ANSWER: Neither is correct. *Six sheep and three sheep are NINE sheep*! (Reprinted from Popular Electronics, May, 90 issue. column written by Byron G. Wells, K2AVB)

SPECIAL THANKS go to our friends at the Canton ARC. Our mall show received a real nice write-up in their newsletter, the "Feedline", Bill Parks, K8JZN Editor.

From The Kitchen Of K8BGIA

This recipe was a favorite at the Fire Dept., when Jim and I cooked for them, so I thought maybe you would like it too.

Corn Cakes

This will make 14-16 cakes

2 Cups of complete pancake mix

1 1/2 Cups of Club Soda

1 small can of whole kernal corn

Mix the pancake mix and club soda together until smooth. Next, drain the corn and add to the batter. then fry this as you do your pancakes. If you like, instead of corn, you can use any kind of fruit you like, or they are great with crushed pecans. Serve with your favorite syrup or jam.

Hope you enjoy these as much as the guys at the fire station did.

So, till next month, here is a helpful hint:

1 cup of uncooked egg noodles will equal 1 1/4 cup cooked. (Gladys, K8BGIA)

Once again it's to put the ole pencil to work and see what I can come up with for this month. First, Gladys and I would like to congratulate a few people for a job well done. Bonnie (K8BGAC), for upgrading to Tech. Looks like Frank will have to share the 2 meter rigs. HI. HI. Mary Ann (K8BIVS) also upgraded to tech., after a lot of hard work. We took them to Ravenna to test, and what a good time we had. When those two ladies came out the door, you didn't have to ask the results. The look of joy was expressed all over their faces. A lot of talking, laughing, and of course "I can't Believe it" was said. Well you get the picture. They sure were happy. Now that classes are over for Jim (NBDZA), (and what a good job he did teaching again this year), I wonder what he's going to do with all his free time? HI! HI!

The mall show is fast approaching and a lot of work is to be done. The home-brew table is coming along nicely, but if you would like to display something that you have built, please contact me at 492-3754 in Canton, or at the meeting. I would like a short description of what you have, so I can make up ID cards, so the lookers will know what they are looking at. So far I have quite a few things for the display, but could use a few more. So help the club and give me your list.

I think that the mall show is coming along good. A lot of people are working hard to help make it a success. On Saturday, the 7th, Dan Ehret, a representative of the FCC will be present, thanks to Larry (NBEWV), and Patti (KE8KH). Also, on the 7th, from 12-2, Mark Koontz from TV 8 will be there, thanks to Gladys (K8BGIA). On Sunday the 8th, from 2-5, the Easter bunny will make an appearance, thanks to the Carnation Mall. So, you can see it's going to be a full weekend. So come on out and join in and tell all of your friends. Dave (KC3CL) is going to be in Guantanamo Bay, Cuba, from March 29th to April 13th, so if you need a KG4 card, listen to these frequencies at that time; 14.255, 21.355, and 28.355 MHz, good luck.

If you are going to Dayton this year, have fun, get all the bargains and tell us about it when you get back. Well, the ole pencil is down to a stub, it's getting hard to write, so I'll close for now. Remember, even if you're on the right track you'll get run over if you just sit there. (Jim K8BGhZ).

EVENT CALENDAR

April

- 5 **AARC Meeting** -7:30PM at Alliance Community Hospital
- 7-8 AARC Mall show-Carnation Mall, Rte 62 in Alliance
- 7-8 North American QSO Party, CW
- 9 ARRL SPRING SPRINTS, 144 MHZ
- 11-13 YLRL DX-YL to NA-YL CW Contest
- 12 Eastern stark county ARES Net-9 PM on 145.370
- 14-15 North American QSO Party, PHONE
- 14-15 QRP ARCI Spring QSO Party, CW
- 17 ARRL Spring Sprints, 220 MHz
- 18-20 YLRL DX-YL to NA-YL SSB Contest.
- 19 Eastern stark county ARES Net-9 PM on 145.370
- 21 VE exams, Akron. contact Tony Mortimer-644-6902
- 21-22 MARAC County Hunters SSB contest
- 21-22 ARI International DX contest
- 21-22 QST QSO Award party, Phone
- 26 Eastern stark county ARES Net-9 PM on 145.370
- 27-29 Dayton hamvention!!
- 28-29 QST QSO Award Party, CW
- 28-29 Swiss Helvetia Contest

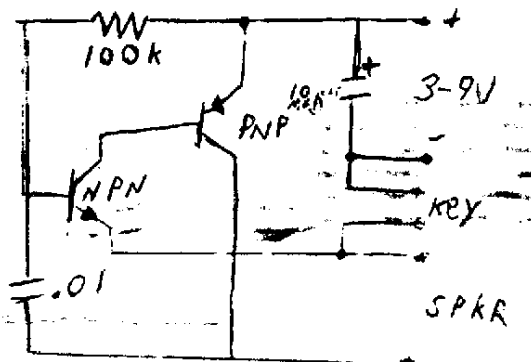
CALLS-Well, the 2 X 1 callsigns are all issued in the 8'th call area. All extra class callsigns now are from the 2 X 2 block (AABxx). Here is the latest callsigns as of March 1'st, 1990.

Extra-WZBZ(+15) Advanced-KFBES(+17) Tech/General-NBLXN(+74) Novice-KBBJFB(+119)

Quick And Simple Code Practice Oscillator

By Curtis Goodson, W4QBU, in AARC/OVER, Austin ARC, Austin TX
Reprinted from January, 1990, ARNS Bulletin

Recently when a friend needed a code practice oscillator, I threw together the 555 circuit from the handbook. Frankly, I've heard better code from an electric buzzer! So, I went back to my favorite CPO circuit, which uses only six parts: an NPN and PNP transistor, a .01 and a 10 mfd capacitor, a 100K resistor, and a loudspeaker of any size. It's simple enough to wire up without any support, but looks nicer on a 1/2" by 1" piece of perf board. Power can be anything from 3 to 9 volts. The tone is better with the higher voltage. Earphones can be substituted for the loudspeaker for privacy. Almost any transistors will work, even those leaky old germaniums from a junked AM receiver. An audio output type is best for the PNP. The 100K can be replaced with a 500K pot for pitch control. If so, a 1K resistor should be used in series with it to protect the NPN transistor. The CPO will work without the 10mfd capacitor, but some batteries will give a weaker or higher tone without it.



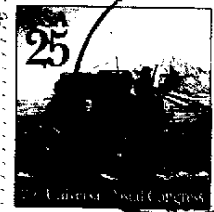
CANTON, OH

* ROSSA E-Video cameras, and *
* PM assorted equipment *
* contact Frank, W4TOY, *
* 484-1882 *

--PAGE 6--

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WBUKQ
DAVID GLASS
217 W. SIMPSON
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**AARC MEETING-APRIL 5'TH AT 7:30 PM
BE THERE!!**