



ALLIANCE

AMATEUR

RADIO CLUB

ZERO BEAT



April, 1989

Officers

Trustees

Pres. - Dave Buckwalter - KC3CL
V. Pres - Allen Dicks - WI8T
Sec'y - Eric Gwynne, N8HV
Treas - Patti Hillier - KB6KH

Larry Hillier - N8EUV
Ron Gwynne - WC8F
Jim Ferguson - N8DZA
Editor - Pam Myers, N8IAK

The next meeting of The Alliance Amateur Radio Club will be Thursday April 6, 1989 at The Alliance Community Hospital Room B (2nd Floor).

Visitors are ALWAYS welcome!

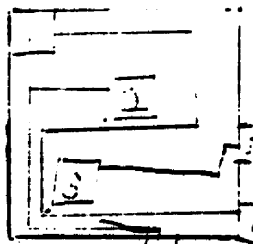
Congratulations to the following: Bob Rickard KB8GAG, Jim and Gladys Wilson KB8GHZ and KB8GIA, and Gary Grimes KB8GAB who passed their technician class license at Ravenna. Congratulations and Good Job ALL of you!

CQ DX? Wow, what an experience to work the ARRL DX Phone Contest (March 4 & 5th). Hope you got a lot of countries for the club's dx award.

Novice and Tech Corner

The Mall show is fast approaching and I hope you are planning to help out and show the public what ham radio is all about, DX, CW, RTTY, etc. Last year my wife and I were trying to figure out what all that stuff was, how it was used and what for. Now one year later we have our ticket and studying to upgrade. (they did upgrade). Anyone who missed the Manfield hamfest, missed a good time. Three large buildings with a wide variety of items. The Cuyahoga Falls hamfest was also a good one, with plenty of room to move around. We sure did enjoy ourselves. Last month we attended our first A.A.R.C. meeting and hope to join this month. We want to meet each and every one of you, so please feel free to introduce yourself to us anytime. The tech/gen class is going quite nicely and we are learning a lot. This month we studied antenna's, signals and emissions, power supplies and circuit components. It was a lot to study, but it was interesting. Nothing to report on other people in the class this month except we are all working hard. Remember the important thing about your lot in life is whether you use it for building or parking.

The answer to last month's puzzle:
Hope you had fun. K8SGHZ & K8SGIA
Jim and Gladys Wilson.



Our Congratulations and Best wishes go out to the TUSCO AMATEUR RADIO CLUB, INC. on 50 years of Service in Amateur Radio. Their first meeting was in Dover, Ohio March 3, 1939.

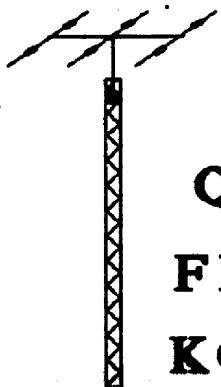
Tornado Safety Week in Ohio will be held the week of April 2 thru 8, as designated by the National Weather Service. A statewide drill of the warning systems will take place at 10:10a.m. on April 5. (we have no such warning system in Alliance-YET).

20 METER BAND FIRE-- STILL A MYSTERY AFTER 20 YEARS

This week marks the eighth anniversary of the freak fire that destroyed over 50 Kilohertz of the 20 meter band, and forced the FCC to shut down most HF ham bands for over 24 hours. Apparently the fire originated on about 14.280 megahertz following an unusually long series of QSO's by an undetermined number of California stations running very high power an extreme modulation compression. At the time, Marvin Larpenogg, an FCC Special Frequency Engineer, told reporters,

"We had a heck of a time putting the fire out. Shutting down the propagation generators did no good at all. The fire just spread up and down the band, so we had to turn off all the HF ham bands from 40 thru 10 meters to smother the flames."

Finally, after three hours, The FCC had the fire under control. Most HF bands were back in operation by the next day. However, 20 meters was closed for more than eight weeks while the charred frequencies were being refurbished. Since that time, Many studies have been made of the fire and it's possible causes. One such study, made by Dr. Eugene Peritonitis, chairman of the Consultive Committee on frequency damage, indicated that the cause might have been due to thermofrequency heating (TFH). However the results of the study were inconclusive. Other studies have achieved similarly inconclusive results. Some weeks after the fire the FCC promised to install a sprinkler on the band to prevent another disaster. With the advent of deregulation, however, the sprinkler system was never installed, and 20 meters still has no protection. The League of Radio Relaying Americans (LRRRA) has expressed concern about this neglect of 20 meters and calls attention to the fact that the 5 meter band was completely wiped out for all time by the holocaust of the late 1930's. Unfortunately, the FCC no longer has the funds to make good on it's promise to protect 20 meters. For that reason, all hams should use extreme care when using 20 meters and all other bands. They are a perishable resource. Don't use high power on ANY ham band or use any mode that might ignite a frequency, particularly during openings when the frequencies are especially dry. Remember, only YOU can prevent BAND fires. (GEARVAKF via the RaRa Rag & ARNS)



QRM FROM KC3CL

Sell Tickets! That's the word, and that's what everyone should be doing. The drawing date for the TV, VCR and Telephone is approaching fast. So get out and Sell those Tickets now.

If you haven't noticed, the club is involved in a lot of activities at this time of the year. What, you ask? Well for starters there is the upcoming mail show. On April 8th and 9th we will be putting on a public display of amateur radio at the Carnation Mall. Jim, N8DZA is heading up the mail show program again this year, and he would be glad to have your help. Call Jim on the 148.37 repeater or at home (823-3828) if you have any ideas for the show, or if you just want to help. **Sell Tickets!** Work days for putting antennas on the mall roof are scheduled for the 29th of March and the 1st (NO Joke) of April. Coax is needed for the antennas. If you have any that can be used for the show let me

know, or bring it out when you come to help on the work days. We need pieces 100 ft or longer. We also need at least one run (100 ft) of 9813 for the satellite station. In addition to 9813 coax we need a 2 meter linear amp (75-100 watt) for the uplink.

Besides the mail show planning, during the April meeting field day will be discussed, and don't forget elections will take place in May. **Sell Tickets!** If you are interested in holding an office contact one of the club trustees, or don't show up at the next two meetings and you just might end up in an office.

Do you need an O'scope? How about a power supply? Well what about a nice heavy gray thing with meters and knobs? All this and more can be found in my garage. This stuff is part of the estate of K8JBE, which is being handled by the club. **Sell Tickets!** If you need transformers, meters,

Have you ever heard the old adage "When it rains it pours"? In mine (K88DUW) and KC3CL's case this old saying certainly applies in more than one way. A little over 3 weeks ago two of our vehicles decided to stop running. A third vehicle was already in the garage inoperable. Needless to say this was not the start of something good.

While I was broken down on St.Rd. 62, KC3CL was broken down in Pittsburgh. To my rescue came K88OMO and N8DZA. Thanks to these two gentlemen, myself and the 4 children with me were seen safely home. To KC3CL's rescue came K88KH. Not only did she pass a message to me about KC3CL's predicament, but she drove me in icy rain, on bad roads, and late at night to Pittsburgh to

pick KC3CL up and bring him home. In addition she loaned her car to us for a week. Talk about extending a hand in friendship!

This is only a shortened version of everything that really happened but you can imagine our frustration that first week. As of this writing we now have 2 of our vehicles in running condition. On behalf of KC3CL and myself we wish to gratefully say THANK YOU to Patty-K88KH, Larry-N88EWV, Jim-N8DZA, and Don-K88OMO for coming to our aid when we most definitely needed it!!

Kitty-K88DUW

switches, capacitors or anything else come over and look at what we have to sell first. The club receives 50 % of what we sell. So help your club, and help get my garage cleaned out.

CQ DX.. CQ DX.. Don't give up yet on the AARC DXCC contest. We still do not have a winner. No one has come forward to claim the prize. Rumor has it that W6W is way out in front. Jack claims he has worked only 13 countries. Then there are some who have been heard working the DX bands quit regularly, yet they claim totals less than 1. **Sell Tickets!** The winner is the first to confirm 100 countries, not just work them. Remember, "It's Not Over Until the Fat Lady QSLs".

Do you need to QSL some rare DX, or how about just someone you worked on 10 meters? Don't have a Call Book? Well don't fret. **Sell Tickets!** The club has new call books available. Hal, KE8H, is the Official Keeper of the Call Books. Give him a call if you need to get an address, or come out to the next meeting and bring your list along. Hal will have the books at the meeting.

CALLS-as of 3-1-89 the latest calls are as follows:
W08Z(18) KE8WT(8) N8KLI(86) KB8GOV(100)

EVENT CALENDAR

- Apr.**
- 1-2 SP DX contest(easy way to get that polish QSL)
 - 2 Turn clocks ahead one hour
 - 2 Mentor VE Exams-Scott Farnham-216/256-0320
 - 2 Lake county Hamfest-Madison High school talk-in 147.21 & 224.50
 - 6 **AARC Meeting** (see above)
 - 8-9 **AARC Mall SHOW!!!!**
Carnation Mall-Alliance
 - 8-9 North American QSO Party(CW)
 - 8-9 QRP ARCI Spring QSO Party(CW)
 - 8-9 MARAC County Hunters SSB contest
Soviet-American Goodwill contest
 - 10 ARRL VHF/UHF Spring Sprints
 - 13 Eastern Stark County ARES Net-145.37 9 PM
 - 15 Holiday in Dixie QSO Party
 - 15-16 North American QSO Party(SSB)
 - 15-16 QST QSO Award Party
 - 18 ARRL Spring Sprints
 - 20 Eastern Stark County ARES Net-145.37 9 PM
 - 22 Goodyear VE exams-Bob Ducotey-216/688-9876
 - 22 Mansfield-Tom Dorsey-419/756-4388
 - 22-24 Connecticut QSO Party
 - 22-24 QST QSO Award party(CW)
 - 23 North Olmstead-North Olmstead Community cabin
28114 Lorain Rd.
talk-in 145.29 & 224.84
 - 27 Eastern Stark County ARES Net-145.37 9 PM
 - 26 ARRL Spring Sprints
 - 29-30 (Need Switzerland?) Helvetia contest
 - 28-30 **Dayton** where've you been?
in a cave? talk-in on 146.94 & 223.94

ARES-Our ARES group is growing! Applications were passed out at the last club meeting, and quite a few were returned. KE8VE is working on a call-up tree for emergencies, and we'd really like to see your name on it. So, we are including an application in this issue of the ZB, in case you didn't get a chance to fill one out yet. Just fill it out, and give it to one of the ARES committee members. The members of the committee are as follows: Larry Ashburn-KE8VE, Allen Dicks-W18T, Bill Ferguson-W8DZA, & John Myers-KD8NQ.

AARC
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05/89

