

SEATTLE, WASHINGTON

K7LED RELAY

VOLUME

MARCH 1983

K7LED RELAY EDITOR

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The K7LED RELAY is the official publication of the Mike and Key Amateur Radio Club, 5306 S.E. 53rd, Issaquah, WA. 98027. Articles may be quoted in full or in part without prior permission, providing the K7LED RELAY is credited. Deadline is the 1st of each month.

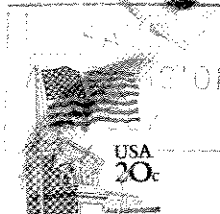
The Mike & Key net meets each Sunday morning at 10 a.m. on 3,930 Khz with Novice and CW check-in on 3,730 Khz and VHF on 146.58 Mhz and K7LED/R 52.37—53.37 Mhz.

Club meets the third Saturday of each month at 10 a.m. at "The Good Neighbor Center" located at 305 S. 43rd St. in Renton, which is across the street from Valley General Hospital.

MIKE AND KEY AMATEUR RADIO CLUB

4522 Brooklyn Ave. N.E., Apt. 316

Seattle, WA 98105



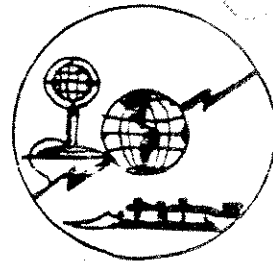
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GUEST SPEAKER
ARRL COUNSEL

UGN WE HAVE BEEN ADVISED THAT THE UGN BUILDING MAY BE CLOSED FOR OUR PURPOSES FOR
UGN A PERIOD OF APPROXIMATELY 30 DAYS. THIS IS DUE TO ROAD CONSTRUCTION IN THE
UGN VICINITY. WE WILL BE NOTIFIED IN ADVANCE////

ARRL MARY, W7QGP WILL CONDUCT A MEETING OF ARRL LEADERSHIP OFFICIALS MARCH 26 FROM
ARRL 2 UNTIL 4 P.M.. THIS IS DURING THE FLEA MARKET ACTIVITIES, AND IS IN PREPAR-
ARRL ATION FOR THE APRIL ARRL BOARD MEETING.

HELP THE CLUB NEEDS HELP AT THE FLEA MARKET.. WE WILL SET UP FRIDAY EVENING. YOU
HELP NEED THE EXERCISE! SHOW UP BRIGHT AND EARLY AND YOU WILL BE SURPRISED AT ALL
HELP THE WORK WE CAN FIND FOR YOU TO DO.

GATHR GLAD TO SEE SO MANY OF YOU PARTICIPATING IN THIS WORTHWHILE EVENT!!

SPRING A GARDENING TIP. WATER YOUR SEEDS WITH BEER. IT WILL MAKE THE BUD WISER!

HAPPY BIRTHDAY!!!!

March

- 1-Chuck Grazier WA7RJT
- 2-Jim Carpenter K7PHZ
- 2-George Boross N7BT
- 2-Bill Balzarini KL7BB
- 10-Pete Hedberg K7WTG

- 10-John Rehnstrom WA7HQC
- 15-Bob Heselberg K7MXE
- 24-Les Jacobs WN7NXC
- 30-Dick Lundstrom WA7UEW

April

- 3-Clay Freinwald K7CR
- 4-Dick Gehring K7PBT
- 12-Marilyn Funkhouser WB7VLT
- 16-Steve Tillett K7KOT

- 19-Jim Strang W7GPW
- 23-Bob Donnell WA7TRI
- 28-Lynn Schuck W7DSB

March 19th---CLUB MEETING!!!!!!!

Not only will we have the famous (or infamous) club elections of officers, we will be giving all club members something free for showing up. All you have to do is walk through the door and someone will hand you a ticket. That ticket will get you into the Electronics Flea Market FREE on Saturday the 26th. The ticket is only good for members-no, Karl you can't sell it to an outsider.

That's right, the Flea Market is almost upon us. We still need a few good people to volunteer just a couple of hours during the weekend to help with the security and staffing the admissions and Country Store. It would be most appreciated if you would make it a point of putting your name down for a shift at one of these points.

Wednesday night the 16th there will be (or was according to when you receive this) a meeting down at Longacres to test the PA system and nail down some more questions. If you want to show up to see the room and help we will be there at 7PM.

Remember that the club meeting will be your last opportunity to get tickets to the Flea Feed where we will have the 8 lovely dancers, lots of good chicken and ribs and all-you-ever-wanted-to-know-about-the-FCC dockets,-but-were-afraid-to-ask. See you there I hope.

Congratulations to Gib, W7JIE, I can't think of anyone better to direct vice in the ARRL.

Well, I've got some good news and some bad news: bad news is Bob, KB7LM, won't be making many of the upcoming meetings; good news is Bob got several contracts to help the Columbia River and various waterways promote better fishery runs. Bob loves fish and related creatures, doesn't he Jack?

MIKE & KEY A.R.C. INC.

BUSINESS MEETING FEBRUARY 19, 1983

The meeting was called to order by Harry W7JWJ at 10:05.

Minutes of the January meeting were read.

The treasurer reported a balance of \$2572.54.

Ray WA7EKH reported surplus newspaper sales brisk and profitable.

Littlejohn WAZHQG reported on raffle prizes and profits.

Harry W7JWJ reported on the ARRL position regarding the no-code license and the use of volunteers to administer license examinations

Gib W7JIE reported in greater depth on the no-code license and the activities of the intruder watch.

Debbie N7AVO reported that the Mike and Key members are now covered by \$1,000,000.00 in liability insurance while engaging in club-related activities.

It was moved, seconded and passed that we honor Ken's request for \$24.00 for licensing the trailer.

Bill Johnson W5KI donated a teletype printer to be either sold or given as a door prize at the Flea Market.

KenK7YR reported on the K7LED 6Meter repeater.

Bob WA7TRI reported that an increasingly burdensome schedule made it impossible for him to continue to publish the Relay.

Debbie N7AVO reported progress on the Flea Market and dinner and announced a committee meeting to be held March 2.

Announcements were made concerning the Salem, Oregon Flea market, the Emerald City marathon, and the activities of the Coordinating committee for public service events.

Lew WA7ELI reported that the American Diabetes Bikathon would be held April 10

Following a ten-minute recess, a motion to combine the presentation of new officers and annual awards with the Flea Market Dinner, tabled January 15, was reintroduced, seconded and passed.

It was moved and seconded that the executive board set up activities for the Flea Market dinner. An amendment was offered that no club funded door prize be awarded. The motion was passed as amended.

Jack KB7ZS presented the slate of officers suggested for the March election. The slate was approved with no additions.

It was moved, seconded and passed that we adjourn.

The original Mike & Key membership was but a handful of active amateurs that met for a common goal. During the following decade the roster grew and grew until a peak was reached. There next followed a rapid decline in total membership and that is now followed by a gradual increase.

In March of 1980 the Mike & Key ARC had 87 members. Of that group over 41% now no longer are members of our organization. During 1980-81 the club experienced a net growth of 2 members. By March of 1982 the roster stood at 53 paid up members. As election time nears in 1983 we now have 69 paid up members, however 31% of the club members are past due in their payments. Of the active members of 1982, 9 have dropped their membership in 1983.

These figures show that we are now holding our own, but just barely. However, the predictions are that the club will decline to approximately 45 members unless we take additional steps to retain current members.

A scan of the public event functions participated in by the Mike & Key will also show a parallel decrease in activity. The one exception seems to be Field Day where the activity has not declined.

How viable are we as a club? It seems that we stay semi-dormant throughout much of the year - until Spring and election time arrives. Suddenly our club meetings become an uproar of intense interest with members showing complete disregard for Roberts Rules and simply outshouting their opponents. One would agree that life still exists. In some, more than in others.

What about the economy? Yes, some individuals have privately told me that they can no longer afford to attend club meetings and pay dues. They certainly can not afford Field Day, and they can least afford the price of the annual awards banquet. They would like to participate - but. Would it be best to provide a free banquet ticket to each club member rather than spending hundreds of dollars for door prizes, when the cost would be about the same?

And where goes the board? It has been interesting to note that every major decision of the board of directors during this past year has been overturned by the general membership. In a comedy of errors (or whatever) the membership over turned the suggestions of the board regarding the functions at the Flea Market, and then at a later date empowered the board to initiate and carry out such functions (sans any expenditure of club funds). Is it necessary to have a board of directors. Perhaps the membership should decide once and for all.

What about the past officers of the club. Scan any club meeting for past presidents of the Mike & Key - where are they? Where have they gone? And why?

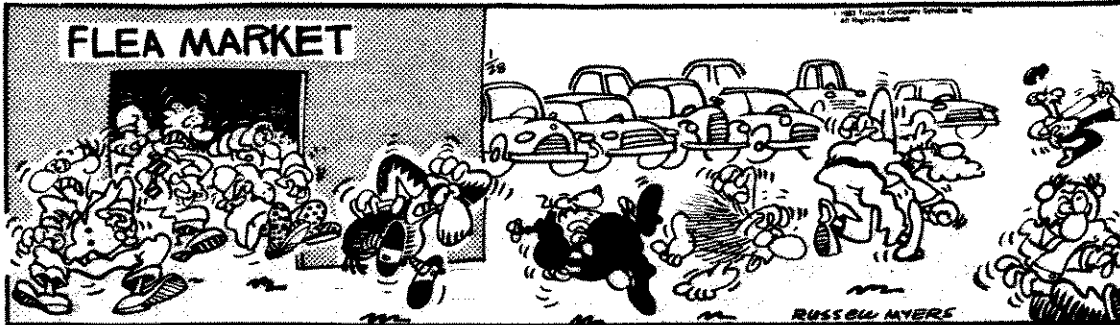
What are the future goals of the Mike & Key ARC? Why do we have a club? Why do we as members not stay for a scheduled program, sometimes possibly giving insult to the speaker? Officers of the club have tried to answer these questions in past years. They, no doubt, will try in future years.

What about this president? I wouldn't have missed this past year as #1 officer. Will I be at the next meeting following election? You bet, I wouldn't miss it!!!

IF THE SHOE FITS

No, the following editorial was not written for the Mike & Key ARC-it could have been!

Broom
Hilda



Cartoon
from
Seattle
PI

MORE ON INVOLVEMENT.....AN EDITORIAL BY BRYCE RUMERY, AL7DL

AS MOST OF YOU REMEMBER, WHEN I TOOK OVER THE JOB OF "YE ED" FROM THE VENERABLE KL7LO I WROTE AN EDITORIAL CONCERNING INVOLVEMENT IN CLUB ACTIVITIES BY THE GENERAL MEMBERSHIP OF THE CLUB. AFTER THE LAST BOARD OF DIRECTORS MEETING THE THOUGHT OCCURED TO ME THAT ANOTHER EDITORIAL CONCERNING THE INVOLVEMENT ISSUE WAS IN ORDER.

AS I SEE THE CLUB RIGHT NOW THERE IS A VERY SMALL PORTION OF THE CLUB THAT IS DOING ALL THE WORK WITH THE REST OF THE MEMBERSHIP SITTING BACK AND WATCHING THE WORLD GO BY AND SAYING "ISN'T IT GREAT WHAT MY CLUB IS DOING?" IT SEEMED TO ME THAT MOST OF THE WORK OF THE FLEA MARKET IS FALLING ON THE BOARD OF DIRECTORS (AND MOSTLY ON ONE PERSON). THINK HOW MUCH GREATER THE FLEA MARKET WOULD BE IF WE HAD A GROUP OF CLUB MEMBERS, PERHAPS ABOUT 50 OR 60 ACTIVELY WORKING ON IT. THE WORK WOULD BE SPREAD OUT AMONG THE MANY INSTEAD OF THE FEW.

ALL CLUB ACTIVITIES WOULD WORK THE SAME WAY. THEY WOULD ALL BE A GREATER SUCCESS IF A MAJORITY OF THE CLUB WERE INSTEAD OF JUST A FEW. I SEE QUITE A FEW MEMBERS AT THE MEETINGS, BUT IT SEEMS TO BE THE SAME FACES AROUND WHEN IT COMES TIME FOR PUBLIC SERVICE ACTIVITIES AND OTHER CLUB ACTIVITIES. THE BIGGEST QUESTION IS TO THOSE MEMBERS THAT NEVER GET INVOLVED IN THE ACTIVITIES OF THE CLUB.....WHAT DO YOU GET OUT OF THE CLUB??? IS THE CLUB JUST A PLACE TO GO ONCE A MONTH AND HAVE COFFEE AND COOKIES?????

I'M NOT SAYING THAT ALL CLUB MEMBERS SHOULD TURN OUT FOR EVERYTHING (BUT WOULDN'T IT BE "LOVEERLY") BUT IF MOST OF YOU COULD TURN OUT AND VOLUNTEER FOR JUST A FEW THINGS IT WOULD SURE HELP THE HARRIED FEW.

WE HAVE HAD SOME PRETTY VOCAL PEOPLE AT THE MEETINGS GETTING UP TO PUT IN THEIR "TWO CENTS WORTH" AND WHEN IT COMES TIME TO DO SOMETHING THEY ARE NOWHERE TO BE FOUND. TO ME IT WOULD BE WISER THAT "THOSE THAT DO'S SHOULD BE THE ONES THAT SAYS".

THE GREATEST EFFORT OF ANY CLUB I HAVE EVER SEEN IS THAT OF THE CLUB IN DAYTON, OHIO. JUST THINK FOR A MINUTE.....THE DAYTON HAMVENTION..... WHAT DOES THAT BRING TO MIND????? THE GRANDDADDY OF HAMFESTS, RIGHT..... HOW DID IT GET THIS WAY? THE GIGANTIC DISPLAYS INSIDE AND THE TEN ACRE (YES, I SAID 10 ACRE) FLEA MARKET OUTSIDE DIDN'T JUST HAPPEN. IT TOOK PLAN- NING ON THE PART OF A LOT OF PEOPLE. THE CLUB IN DAYTON IS ABOUT THE SAME SIZE AS OURS.....WHY DO A DOZEN PEOPLE HAVE TO DO ALL THE ORGANIZING FOR THE AARC FLEA MARKET?????

THE BOTTOM LINE IS GET OFF YOUR DUFFS AND DO SOMETHING FOR THE CLUB. TALK IS CHEAP; ACTIONS ARE BETTER. IF YOU DON'T HAVE THE TIME TO DO ANYTHING THEN WHY NOT VOLUNTEER TO MAKE SOME PHONE CALLS TO ORGANIZE SOMETHING FOR THE CLUB???? WHEN THE CALL GOES OUT FOR HELP ON PROJECTS, RAISE YOUR HAND AND OFFER WHAT HELP YOU CAN.

THE WORD IS OFTEN HEARD THAT WE HAVE CLIQUES IN THE CLUB. THE ONLY REAL "CLIQUE" I HAVE SEEN IN THE CLUB IS THE ONE THAT GETS INVOLVED. THE FUNNY THING IS IS THAT THIS "CLIQUE" IS REAL EASY TO BREAK INTO.....GET INVOLVED! I HOPE THAT THIS EDITORIAL RUFFLED A FEW FEATHERS AS IT WAS MEANT TO..... TO THOSE OF YOU THAT SAY "I DO THINGS FOR THE CLUB"....TAKE STOCK AND SEE JUST HOW MUCH YOU REALLY DO FOR THE AARC.....

Bryce AL7DL



THE AMERICAN RADIO RELAY LEAGUE, INC.

HEADQUARTERS SOCIETY OF THE INTERNATIONAL AMATEUR RADIO UNION

ADMINISTRATIVE HEADQUARTERS NEWINGTON, CONNECTICUT, U. S. A. 06111

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DAVID SUMNER
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203-666-1541

QST

On Thursday, March 3, 1983 ARRL President Vick Clark, W4KFC went on the air to participate in a historic teleconference. A network of amateur repeater stations relayed his voice throughout the United States. In the Seattle area the output was on the 145.33 machine.. Questions came from all parts of the country. Perhaps you heard that broadcast.

Near the end of the teleconference Vic announced the appointment of the individual to fill the remainder of the term of the late Mel Ellis, K7AOZ, former Northwestern Division Vice Director. The new Vice Director is M.L. Gibson, W7JIE who resides in Kenndale, Washington. 'Gib' now has much work to do.

Gib will also attend the ARRL Board meeting to be held in Newington, Connecticut in mid-April. He will schedule films for club use, make club visitations, and participate in amateur conventions as well to provide input to aid the Director.

Some of that input provided is in response to the proposal by the FCC to have a no-code amateur license. The proposed rule making is published in March QST magazine. The ARRL Board must address this question very soon. Your input is solicited.

A simple questionnaire is attached to this edition of the Relay. Please fill it out and bring it to the next Mike & Key Club meeting. Other clubs are doing the same. The results will be tabulated as an aid in providing direction and ideas should the no-code license become a reality - as apparently it soon will.

There has also been some recent changes in Advisory Committee members. I have appointed William Bingam, WA7VEH of Bellevue to the Public Relations Advisory Committee. Bill replaces John Brown, W7CKZ who has provided much input regarding hand-out material for the general public. Al Bishop, W7WW of Portland, Oregon is now appointed to the DX Advisory Committee. His appointment will provide input from the Oregon area. He replaces Bob Hudson, K7LAY who has provided input while serving as president of the Western Washington DX club. Many thanks for the work provided by the outgoing members.



Should a new Digital license become a reality will you be able to pass it? The FCC says it will be geared so that any bright 12 year old with computer interest can master it? Are you as bright as a 12 year old. Try your hand at the simple logic quizz given on the reverse side of this page. Good luck!

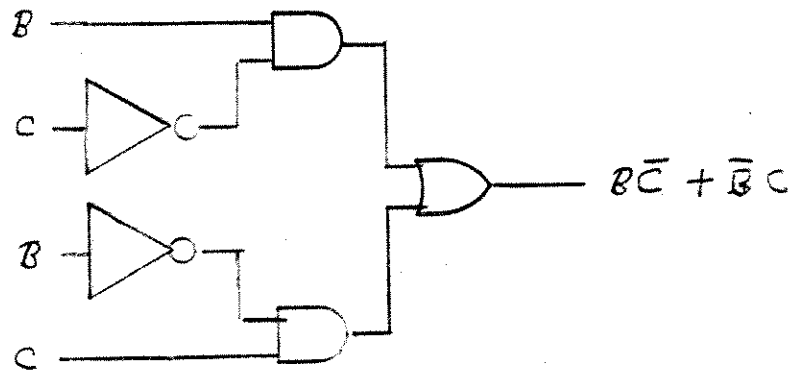
73

Mary

DIGITAL QUIZ

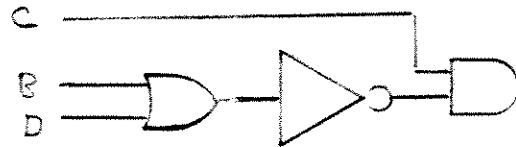
1. The logic diagram to the right represents:

- a. A latch circuit
- b. An exclusive-or function
- c. a JK flip-flop
- d. A Nand gate



2. The logic circuit at the right is used to represent the expression:

- a. $C(B + D)$
- b. $C(C + B) - A$
- c. $BC + BD = CD$
- d. BCD

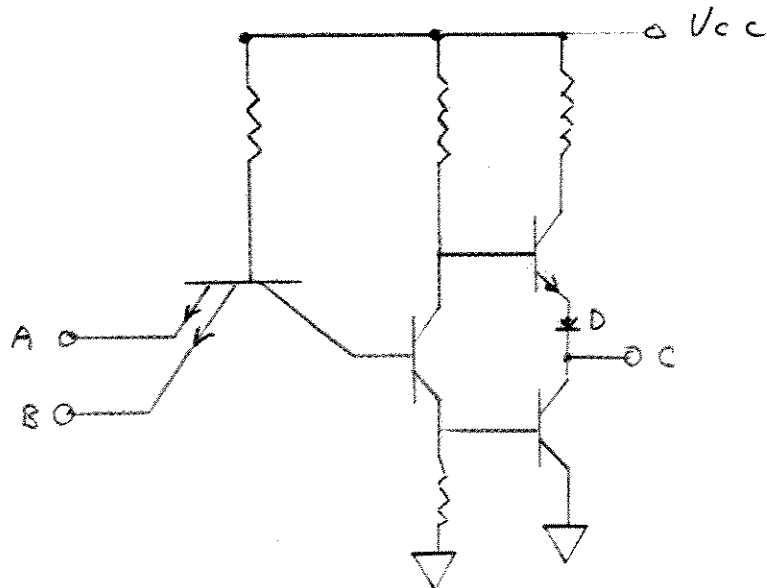


3. Three members of the Mike & Key are scheduled to be at a meeting. They are Debra, Karl and Hal. However Hal was not there. How could this be expressed? (Let D = Debra, K = Karl and H = Hal)

- a. $A = BDK$
- b. $A = HDK$
- c. $A = KD\bar{H}$
- d. $A + KDH$

4. The diagram to the right and below represents:

- a. A basic ECL circuit
- b. A TTL 2-input NAND gate
- c. A basic DTL NAND gate
- d. An RTL quad inverter





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QST

QUESTIONNAIRE

1. How do you feel about the no-code Technician license as proposed by the FCC?

- a. I am strongly in favor of a no-code Technician license.
 b. I am moderately in favor of a no-code Technician license.
 c. I am in favor of a no-code Technician license.
 d. I am opposed to a no-code Technician license.
 e. I am moderately opposed to a no-code Technician license.
 f. I am strongly opposed to a no-code Technician license.

REMARKS: _____

2. How do you feel about the Digital license as proposed by the FCC?

- a. I am strongly in favor of the Digital license.
 b. I am moderately in favor of the Digital license.
 c. I am in favor of the Digital license.
 d. I am opposed to the Digital license.
 e. I am moderately opposed to the Digital license.
 f. I am strongly opposed to the Digital license.

REMARKS: _____

3. In the event that the no-code Technician class license becomes a reality, on what band, or bands, do you feel the new licensees should be permitted to operate?

- a. 50 MHz b. 144 MHz c. 220 MHz d. 70cm e. 900 MHz

REMARKS: _____

4. In the event that the Digital class license becomes a reality, on what band, or bands, do you feel the new licensees should be permitted to operate?

- a. 50 MHz b. 144 MHz c. 220 MHz d. 70cm e. 900 MHz

REMARKS: _____

SIGNATURE: _____

CALL _____

CLASS _____