

K7LED RELAY



The K7LED RELAY is the Official publication of the MIKE and KEY AMATEUR RADIO CLUB, P.O. Box 2121, Kirkland, Wa. 98033-2121. The Club meets the third Saturday of each month at 9:30am in "The Good Neighbor Center", 305 S 43rd St. Renton, Wa. All "Hams" invited. The MIKE and KEY net meets each Monday evening at 1930 hrs on 224.12MHz. Your check-in is welcome.

AN ARRL AFFILIATED CLUB LOCATED NEAR SEATTLE, WASHINGTON.

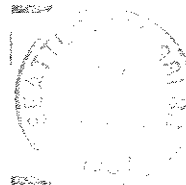
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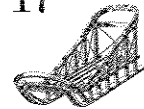
NUMBER 11

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Dog Sled 1920s
 17 USA



REPEATER FREQUENCY
 52.05 - 53.05
 146.22 - 146.82
 224.12

First Class

BOARD MEETING

FIRST TUESDAY
 OF EACH MONTH

CLUB MEETS:

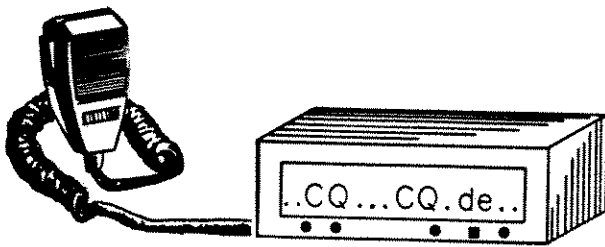
21 NOVEMBER 1987

BUGN CENTER
RENTON 10:00

BREAKFAST
BOB'S BIG BOY
RENTON--8:00AM
3RD SATURDAY

WEDBERG, PETE K7WTO
 20904 NE 70TH ST
 REDMOND
 WA 98053

COFFEE AND DONUTS WILL BE READY AT 9:30



THE PREZ.....

The time is approaching for each of you to decide who is going to run the Mike and Key ARC for the next year. For me, I find this to be an important decision, one that I don't take lightly. There are many of your present officers that are going to be going out of office this next year and you must find members to fill their shoes. To me these members have done an outstanding job in all departments and they will be missed. I hope that in the new year we all will benefit from their highly professional attitudes. In doing so we must now think of and get started on new tasks for the year of 1988. If you have an idea or a thought I sure would like to hear from you.

If you don't get QST Magazine, I think you would like to know that we at the Mike and Key ARC took second place in our last Field Day effort. I would like to thank one and all for their efforts and a hearty WELL DONE to all of you who participated. REMEMBER-----Field Day is only 6 months away and planning is now in the works to coordinate the 1988 effort. If you need help with getting started or in chairing a band, please don't hesitate to ask anyone on this year's Field Day Committee. And not to forget that reservations are being taken for the wagon-wheel and the sleeping quarters. GET THEM IN EARLY...to KB7ZS.

As we approach this holiday season, I was trying to think of some kind of project that we as a club, could do for those less fortunate. I would like to ask each of you to bring a can of food to the December meeting and we can take them to one of the many food banks in the name of Mike and Key ARC. Contact Mike WA7UVJ or Rick NU7Z.

Remember that we are having our annual Christmas Party on December 5. Get your reservations in early ---and enjoy the fun. Bob Yerkes is the chairman this year and your help would be appreciated.

I want to take this opportunity to thank Mike KA7CSE for taking the Monday night net. If you can help, please contact Mike. Also, the two-meter operation is now at full power again, thanks to Ken K7YR and others.

And one last thing....if I should miss you at the November meeting, I want to wish each of you and your families * * * HAPPY THANKSGIVING!
73's--Rick NU7Z

WELCOME ABOARD

At the October meeting the following were voted into the club:

WA1SEY, Mark Allyn who is an advanced first commercial grade and is an engineer for Boeing. Mark lives in Seattle and enjoys bicycling and photography.

AI7V, Richard A. Davis who is an Extra Class operator who lives in Kent. He is a Principal Engineer for Boeing.

KB7AFS, Prahlad K.N. Ayengar who is Technician operator and lives in Seattle. He is employed with the State Dept of Transportation. His hobbies include importer, realtor, and outdoor activities.

K7YZZ, Louis I. Hutton who is an Advanced; Second Phone Commercial operator. He is retired from Boeing and enjoys photography.

Welcome to the Mike & Key ARC and we hope you enjoy and participate in the club activities.

Also at the October meeting were the following visitors:

No call - Jeff Arnison, WA7FUS
Peter Dahl, No call - Dale Clay, N7HMY
John Evans, W7MXY
Roy Buell, NØYC
Ted Bossenroth, N7CKD
Dennis Peterson, WA7HCP
Jim Long, N7JWH
Chuck Johnson.

(apologies to NU7Z)

0200 PDT - 146.82

"Hey Mike you up yet, the moon's coming up."

"Yeah, I'm up, I just don't know"

"Sure ya do, we is going moonbouncing at Rick's, remember?"

"How many beers did I have....?"

"Whatta mean, I did this last year and had lots of fun. I think. It's kinda hard to remember. Rick said we had fun."

"Well, lets hope so, see ya there."

0300 PDT

"CQ CQ CQ de NU7Z K"

"Hisssssssssssssssssssssssssssssssssssssss"

"Hisssssssssssssssssssssssssssssssssssssss"

"Told you this was fun, just listen to that galactic noise Mike. Mike, you awake?"

"Huh! What! oh sure, you betcha"

"Did you hear that 'SM' station?"

"SM who?"

"Dunno, that's all we got, I think Faraday musta got him."

"Faraday?"

"Yeah, Rick mumbled something about the moons' orbit, or something. Real technical stuff."

"Where is Rick?"

"Dunno, he left. Something about a bottle....."

"Hisssssssssssssssssssssssssssssssssssssss"

"Hisssssssssssssssssssssssssssssssssssssss"

"CQ CQ CQ de NU7Z K"

"Hisssssssssssssssssssssssssssssssssssssss"

"Hisssssssssssssssssssssssssssssssssssssss"

"Hey Mike, you hungry?"

"Huh! I'm awake, I'm awake. Whoa, what's that stench?"

"Breakfast man."

"Hotdogs??!!!?"

"Well, ya know, them 22 element Yagi's make pretty good skewers."

"Huh??"

"Plus these UHF frequencies are just below the microwaves, so I....."

"You didn't."

"Sure, 1000 watts ya know....."

"You didn't"

"Just don't tell Rick. I sorta burned a couple before getting the timing right."

"You didn't"

"Told ya moonbouncing was fun, pass the mustard."

"Hisssssssssssssssssssssssssssssssssssssss"

"Hisssssssssssssssssssssssssssssssssssssss"

COMING ACTIVITIES

The following events will be Mike & Key Club activities. Mark your calendars if interested.

November - Fox Island will be available for operation in the ARRL Sweepstakes Contest. The CW portion is already done, but you phone folks are up to bat next, Nov. 22-23. See Hal. N7NW if you are interested.

December - The annual Mike & Key Christmas Party is December 5, at Forest Ridge School. Bob Yerkes, K6PQJ is chairing. Please give him your utmost support, He has some great ideas. (details elsewhere in this Relay)

January - Wanna Bowl? This is the month. (details elsewhere in the Relay)

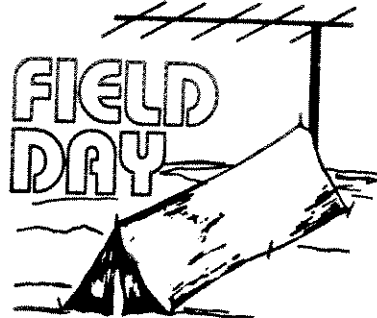
February - This still in the air as far as dates and times, but we are hoping to spend a Saturday this month helping out the ranger at Fort Flagler. If you can do physical labor and you enjoy Field Day at Fort Flagler, it's only fair to repay the kindness shown to us.

March - The Fleamarket needs your support, mark your calendars and be there. March 12, 1988. See Hal if you can help out.

April - While not really an activity, the elections are held this month at the Club meeting. Make your nominations known!!!

May - The Club Awards Banquet will need a chairman soon. Why so early? Because banquet sites aren't a dime a dozen. See me, WA7UJJ, if you are interested. (maybe two or three people would like to take it as a group project??)

June - Field Day, June 26-27, what more can you say, it's FIELD DAY !!



WHAT'S YOUR ANSWER TO THE PROBLEM?

I was listening the other night to some old hams on 75 meters. Their topic of conversation was the deplorable condition of the ARRL and the FCC for "letting" novices have voice privileges!! These guys were really burned up by that action. Mostly because "everyone knows these novices don't know a darned thing about operating on the ham bands".

Sounded like a reasonable argument till you look under the rock---just where in heck will the newly licensed hams get their experience? Where will they get the knowledge to operate like some old goats want them to operate? Books? Nah. Ham Clubs? Nah. Listening on the air? Nah.

No place to turn--I guess they just strike out on their own and try their best. Probably imitate some operators they hear, but who is to know the difference between "good" and "bad" operators? (And some of the examples set on the air may give us all mad!!).

I think the answer lies with the ham radio clubs. Particularly those who sponsor volunteer licensing and sponsor classes. It seems to me that every club that calls itself a "ham club" ought to go out of it's way to set up classes for all new hams (and a lot of old-timers, too) to teach them how to operate on the air. Not just phone but also Morse, as well as packet, radio-printer, slow-scan TV, and the other arts of communications. Certainly the Mike & Key ARC can do a much better job. Even the club meetings at most clubs are filled with "business talk" and a little jazz about upcoming social affairs, but few of them even get close to instruction. How about a half-hour to technical/operating information each club meeting? For example: What is "white noise"? I hear it often mentioned on the repeaters around here, but what is it? According to my electronics dictionary "white noise" is taken from the analogous definition of

white light. In other words, when things get hot enough they will emit "white noise". Certainly that ought to raise a few arguments around the area. Or how about this one: Should your buried radials be with insulated or uninsulated wire? And why? Which is better, a large solid wire or a small braided one when using it for a station ground? Why? Can the deviation be adjusted on hand-helds? How?

And on and on it goes. Questions that should be answered by general bull sessions at ham clubs. Further, I think we ought to hold regular classes, not only in operating techniques, but also building, contesting, emergency operating, and dxing. We have the club members who are qualified, capable, and just need the encouragement and initiative to help make such a program workable.

Then let the old codgers on 75 yell about "bad operating". We'll show 'em that they're just blowing in the wind.

HOW ABOUT IT????
de Gib W7JIE

\$ COLORAMA \$

SATURDAY NIGHT

Diagram of bowling ball pins with price tags for different pin configurations:

- NO. 1 BLUE, NO. 2 RED, NO. 3 GREEN: \$50
- NO. 1 GREEN, NO. 2 RED, NO. 3 BLUE: \$25
- ANY 1-2-3, 1-2-4-7, 1-3-4-10: \$10
- NO. 1-2-6 ANY COLOR: \$5
- NO. 1-2-4 ANY COLOR: \$5
- NO. 1 & 3 ANY COLOR: \$3
- NO. 1 & 2 ANY COLOR: \$2
- NO. 1 RED: \$1
- NO. 1 GREEN, BLUE OR YELLOW: 75¢
- NO. 2 or 3 ANY COLOR: 50¢

Saturday at 7:30pm

PRE-PAY \$8.00

OPTIONAL MENS/LADIES HIGH GAME POTS 50¢ PER GAME

JACKPOT TICKETS 5 for \$1.00 All money collected is given away each squad

3 GAME SESSIONS
ALTERNATING LANES

MAXIMUM - 5 PEOPLE
PER LANE

YOU DO NOT NEED TO
BE A LEAGUE BOWLER

SPLITS

Baby Split and Wash-outs

5-7, 5-10, 5-7-9, 5-8-10, 2-7-4, 3-5-10

4-9, 4-7-9, 4-8, 6-8-10, 3-10, 2-6-7-10, 2-7, 3-6-7-10

2-8-10, 2-4-8-10, 2-7-9, 2-6-7-9, 8-7, 6-7-10, 7-9-10

4-10, 6-7-10, 6-7-9-10, 4-7-8-10, 6-7-8-10, 4-7-9-10, 7-8-10

4-8, 8-10, 7-9, 4-6-7, 4-6-10, 4-6-7-8-10

4-6-7-9-10, 4-6-8-10, 4-6-7-9, 4-6-8-10, 4-6-7-8

4-6-7-10, 7-10, 5-7-10

1 free game

" "

" "

\$5.00

\$25.00

\$100.00

ATTENDANCE JACKPOT
One ticket drawn per squad
Tickets on sale 3 for \$1.00
Value of JACKPOT goes up
until someone wins
Throw 2 strikes and win up
to \$500.00

NOVEMBER PROGRAM

I've recieved a lot of questions regarding the Mike & Keyer. Why build one ? How much ? What makes it go? Where can I get parts?

Well, I'll take the stage at the Club meeting and give an overview of the system. A laymans perspective will be the order of the day, but if you're a digital expert, I'll be trying to keep your interest up too. Never know, I might learn something !

Mike - WA7UWJ

BOWLING PARTY

Back by popular demand, a bowling party for all you kegglers. Due to the difficulty in arranging lanes for a group such as ourselves, things will be a little different from past bowling nights.

Many of you who bowl regularly, are aware of certain establishments that have special bowling nights where you can bowl for money. Certain in combinations, when you get a strike, are worth from 50 cents to 50 dollars. These evenings are usually quite popular and not much more expensive than regular open lane bowling.

The site choosen is the "Skyway Lanes" in Renton. Recently remodeled, they have what they call "Colorama" bowling on Fridays and Saturdays. Because of their popularity, we have to reserve lanes in 10 person blocks. For each additional 10 people we can fill out another pair of lanes. How many lanes we get depends on the generosity of the lanes.

Money will need to be payed up in advance, say by the January Club meeting. If you don't show, you lose your fee unless we can fill your spot. Fees are \$8 a head. Time - 730 PM. Date - January 23. By all means, let us know as soon as possible if you wish to attend. In order to get reservations, we must let the lanes know as early as possible how many places we need. A signup sheet will be at the Club meeting, or call me at home. Mike, WA7UWJ

CHRISTMAS PARTY

The party will be held at Forrest Ridge School on Saturday Dec. 5 starting at 5:30 PM. So far, about 20 people have signed up to attend.

In Lieu of door prizes, we would like each attendee to bring a small toy for needy children. The gifts will be donated to a local charity. This will be good PR for the club, as well as, a neat way to help out some nice kids.

In past years the club has provided two main courses: turkey and ham. This year we are considering changing the second main course from ham to lamb. How many of you folks prefer leg of lamb? We will circulate a preference sheet at the next club meeting. Also, a sign-up sheet for pot luck side dishes will be circulated. Give some thought to what kind of food you would like to bring.

We will need plenty of help with decorations and other preparations on Saturday afternoon, Dec. 5. If you can help out with decorations, labor, Christmas music or anything else, call Bob at 226-3688 or 764-5394 as soon as possible.

We will have a game or two at the party with both a ham radio and a general interest component so all you wives don't get too bored! Good conversation, good music, good fellowship, COME ONE, COME ALL! Plan to attend! Bob K6PQJ

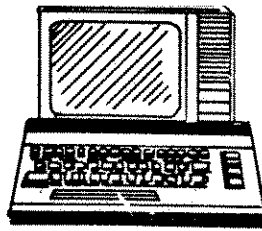
Christmas Party Directions

From Hwy 405 take exit 10 and head East to Newport Way. East on Newport Way to Summerset Way (four Fountians).

From I-90 take exit 11 to South 150th and head South to Newport Way. Head West to Summerset Way.

Travel up Summerset Way to the top of Summerset. Turn South on 139th Ave SE. (house with fence on corner). Travel up 139th SE to top of hill. This is Forest Ridge at 4800 139th Ave SE.

If lost give a shout on 146.58 or 224.12 simplex for directions.



GENERAL MEETING 10-17-87

Called to order by NU7Z @ 1000

Program: New ARRL Video

Introductions

New members: Dick AI7V, Louis K7YZZ, Prahlad KB7AFS, Mark WA1SEY

Badge orders: See Vic WB7TBR

Activities: Christmas party chairperson is Bob K6PQJ

ATV: Repeater is operational on 434 input 6-10 PM

Public service: Seattle Marathon is Nov. 26, see Mark WA1SEY

Field Day: See Jack KB7ZS for camping reservations for next year. Need people for work party in February, will be one day, maybe two.

Need chairperson for banquet to be held in April, 88.

Attendance 59.

Closed at 1140.

Jim K7ND

BOARD MEETING 11-3-87

WA7UVJ, W7VIH, K7PHZ, WB7TBR, K6PQJ, KB7ZS, WA7EBH, N7NW, K7YR, WA7LNQ, NU7Z, K7ND

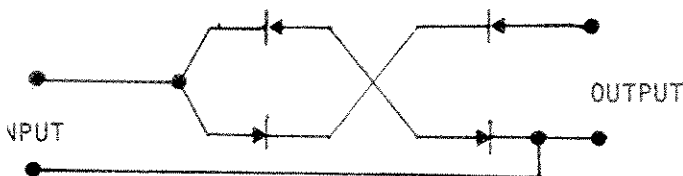
Items discussed:

- 1) Food bank donations next 2 meetings
- 2) Nominating Committee
- 3) Repeaters - Linking
- 4) Flea Market meeting 11-24
- 5) Future projects
- 6) Christmas party Dec 5
- 7) Field Day - Recommended to club for vote at meeting on whether to pay for camping out of wagonwheel
- 8) Banquet needs chairperson
- 9) Next Radio Class starts Jan 14; Bowling party 1/23 with \$8.00 pre-registration
- 10) Associate membership applications: Jim WA7HCP, Ray N7JWX, Cathern N7JN. Approved.
- 11) Membership applications: Charles N7JWH, Ted N0YC, Dennis N7CKD. Approved.
- 12) Constitution rewrite.

Next Board Meeting Dec 1 at KB7ZS
Jim K7ND

TECHNICAL STUFF

If you have occasional trouble pulling the weak ones out thru the noise, sometimes called QRN by the purists, then this little circuit may help you. For the cost it is worth the effort. All diodes are 750 ma & 25 PIV SILICON.

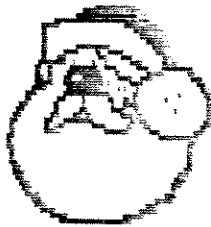


NOTE: I didn't invent it--I found it in an old magazine. de Gib W7JIE

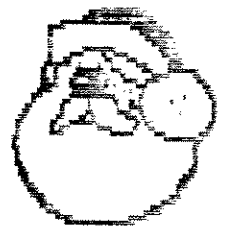
CYCLE 22

Hope you've been listening to 10 meters lately. While still pretty ragged, regular openings are occurring to the East and South. Looks like cycle 22 is on the way! Time to dust off those 10 meter beams.













Novices are leading the way in reopening the band with their new phone privileges. Don't be afraid to say hello. Maybe if we can conjure up some old CB's at the flea market, we can convert them over for mobile use. Cycle 21 is dead, long live cycle 22.



M&K ARC DECEMBER 1987



S M T W T F S

		1 BOARD MEETING 1930 AT QTH OF: KB7ZS	2  TIM, W7QMI, HAS A "WESTLINK" PHONE : CALL 634-3636 TO HEAR	3	4	5  M&K ANNUAL CHRISTMAS PARTY - SEE RELAY FOR DETAILS
6	7  M&K UHF NET 1930 HRS /224.12 GET INVOLVED	8	9	10	11	12
13	14  M&K UHF NET 1930 HRS /224.12 SUPPORT YOUR NET	15  BILL OF RIGHTS DAY	16  FIRST DAY OF CHANUKAH	17  WRIGHT BROTHERS DAY	18	19  CLUB MEETING, COFFEE AT 0930, MEETING STARTS AT 1005 - BRING A FRIEND AND NEWSPAPERS!!
20	21  WINTER BEGINS (TRAD.) FOREFATHER'S DAY	22  WINTER BEGINS	23	24	25  CHRISTMAS	26
27	28  M&K UHF NET 1930 HRS /224.12 LAST NET OF THE YEAR	29 HOPE YOU HAD A NICE YEAR	30 MAY THE NEXT YEAR BE TERRIFIC	31 LOOK FORWARD TO NEXT YEAR		

MERRY CHRISTMAS

CLASSES

While most of you have been home watching Cosby on Thursdays, several brave souls have regularly traveled to Highline Community College put their valuable time into helping would-be Novices get licenses.

It isn't easy to speak in front of any group but these wonderful tutors are doing what they can to insure the future of our hobby. At the same time I honestly feel they are enjoying themselves.

I would like to invite anyone down to visit. Sure, you may not care to teach, but then again, maybe you'd like to give it a whirl. How ever, we won't pressure you. Thursdays from 1900-2100, Room 206, Bldg 22.

Those hardy souls.....?
Vic - WB7TBR, Bob - K6PQJ, Hal - N7NW, Jim - K7ND, and Carl - W7PRW. Thanks guys.

In addition, we will be starting a Technician/General Class in the winter quarter. If you know anyone who wants upgrade, let us know.
Mike - WA7UWJ



THANKS TO
EVERYONE



Constitution and By-laws Overview

Well the committee finally got together and drafted up the revised constitution and by-laws that are presented on the following pages. Here is a brief over view of what we did. Please refer to your copy of the Dec. 20 1986 version if you need further information. Generally we cleaned up the grammar and made the document flow smoother.

Constitution:

- Article I- added club call
- Article IV- condensed section and moved voting under meetings.
- Article VIII-added voting and start of fiscal and elected officers starting date of April 1.
- Article XI- cleaned up wording.

By-Laws:

- Section 4- Dues (d) rewrote the bit on officers failing to pay on time.
- Section 5- Generally cleaned up the grammar and made all meetings and functions the same type. Previously they were intermixed. Better defined duties of officers to bring them into line with what they do.
- Section 6-Made the trustees the budget committee and defined the budget function. The old trustees now define the new budget for the new officers. The new budget now has to be approved before March.
- Section 8-Better defined the club committees and functions.

Our goal and time table for these revisions are as follows:
Submitted to the Board on Nov 3, 87
Published in Relay November 87 copy
Discussion at November 87 Meeting
Revised copy (if needed) in Dec. Relay. Formal Notice as required.
Voted on in December Meeting.
Effective January 1, 1988.

The reason for this tight time table is that a budget meeting will have to take place and a budget approved for the February Meeting. We wish to thank everyone who gave us input.

The Constitution Committee WA7EBH, KB7ZS, N7JPW.

**MIKE AND KEY AMATEUR RADIO CLUB
CONSTITUTION**

ARTICLE I

NAME: This Club shall be known as the MIKE AND KEY AMATEUR RADIO CLUB OF WASHINGTON. (Club Call K7LED)

ARTICLE II

PURPOSE: The purpose of this Club shall be to bring together those who are interested in the hobby of Amateur Radio. For this purpose, we, the members of this club, shall attempt to accomplish the following:

- A. Exchange technical information.
- B. Expand cooperation between members and interested non-members.
- C. Promote general radio and electronic knowledge.
- D. Expand amateur radio operating abilities and Efficiency of individuals.
- E. Promote the hobby to the general public and community.
- F. Direct the club's general activity toward public service amateur radio communications.

ARTICLE III

Membership: Membership shall be open to anyone who is interested in the hobby of Amateur Radio. Two types of membership are available: (1) ACTIVE MEMBERSHIP - which provides for full participation in all club activities. (2) ASSOCIATE MEMBERSHIP - which provides for limited participation for those who cannot attend regular business meetings. Associate members pay one-half the active membership dues, cannot vote in Club business and cannot hold office in the club.

ARTICLE IV

Officers: The elected Officers of this club shall be a President, Vice-president, Secretary, Treasurer and Activities Manager. The Radio Officer shall be appointed by the elected members of the executive board and shall serve until relieved. The Radio Officer shall hold an EXTRA Class Amateur License. Elected Officers shall not hold the same office for more than two concurrent terms.

ARTICLE V

Trustees: Three trustees in each odd-numbered year and two trustees in each even-numbered year shall be elected annually by secret ballot at the general membership meeting in March to serve on the Executive Board.

ARTICLE VI

Executive Board: The five trustees and the six officers shall serve as the Executive Board. There must be a majority present at any board meeting to conduct official business.

ARTICLE VII

Vacancies: Vacancies occurring among the elected officers and trustees of the Club shall be filled by special election and secret ballot at the first regular business meeting at which the vacancy is made known. The newly elected person(s) shall serve only the remainder of the existing term to which elected.

ARTICLE VIII

Meetings: Section 1. The Club shall meet regularly in general membership meetings on the third Saturday of each month unless changed by special membership action at least one month in advance of the changed date. Following the changed date, the regular meeting reverts to the third Saturday.

Section 2. The regular March general membership meeting will be the annual election of officers and trustees for the year commencing April 1. April 1 shall constitute the start of the fiscal year for the transaction of business.

Section 3. Special meetings may be called by the Executive Board when deemed necessary. Such special meetings may not supersede regular meetings.

ARTICLE IX

Parliamentary Authority: "Roberts Rules of Order, Revised", shall be the guide for any parliamentary rules not provided for in this Constitution or Club By-Laws.

ARTICLE X

Amendments: Any proposed amendment to this Constitution may be submitted in writing at a regular meeting of the Club. Such proposed amendment(s) must be signed by three active members of the organization before being submitted to the membership. A mailed notice to active members must be made following that meeting. After such notice, an amendment may be voted on at the next general meeting and shall become a part of the Constitution if approved by majority of the active members in attendance.

ARTICLE XI

Disbandment: In the event this Club is disbanded, dissolved or ceases to function as a Club, (here-in-after known as disbandment), disposal of all equipment and funds remaining in the treasury at the time of disbandment will be at the discretion of the remaining members of the Club.

BY-LAWS

SECTION 1 - MEMBERSHIP

A. Club Membership: Membership in this Club shall be by approval of the existing membership. An official Club membership application shall be submitted at a regular business meeting by the applicant. The application shall be reviewed by the Executive Board and a recommendation shall be made to the membership prior to voting. At the next general membership meeting, attended by the applicant, the application shall be voted on. A two-thirds (2/3) majority of the voting membership present is required to approve the applicant.

B. Associate Membership: Associate membership is available to those who cannot actively participate in Club activities. Application shall be made to the Executive Board for Associate membership. The Executive Board shall approve or deny membership in this category.

SECTION 2 - CONTINUATION OF MEMBERSHIP

Membership in this Club is maintained by payment of dues. Any member who becomes delinquent in their dues may not participate in Club business.

SECTION 3 - TERMINATION OF MEMBERSHIP

Membership in this Club will be terminated for one of the following reasons:

- A. Non-payment of dues within two months of due date
- B. Written request to terminate membership with non-refundable dues
- C. Unanimous recommendation of the Executive Board for violation of the Amateur's Code as presented by the ARRL.

Members considered for termination have the right of appeal to the Executive Board and/or general membership. Terminated members will be notified in writing.

SECTION 4 - DUES

A. The annual dues shall be determined by the membership payable on or before the anniversary date of the Club member. The anniversary date of membership shall be the last day of the anniversary month. The Mike and Key Amateur Radio Club, by majority vote at any general membership meeting, may levy upon the general membership such dues or assessments as deemed necessary.

- B. No cancellation or refund of dues.
 C. Any member who has been dropped from membership because of non-payment of dues shall be reinstated when he/she is re-elected to the Club or has paid dues in full from the date at which they became delinquent.
 D. If an elected Officer fails to pay his/hers dues, before or during their anniversary month, their position will be declared vacant. They may not regain the office by payment of dues.

The ranking Club Officer will cause an election to be held in accordance with the provisions of ARTICLE VII of the Club Constitution. For this election a member being considered to fill the vacant position must be present during the election. Upon payment of dues, the Official who vacated the office may, again, be considered for election.

SECTION 5 - DUTIES OF ELECTED OFFICIALS

A. General - It shall be the duty of all elected officials to attend all general membership meetings and executive board meetings. In the event the official's personal life or work requirements prevent attendance at meetings, said elected official shall be requested to vacate his/her position so that the position may be occupied by a more active member who is able to participate in Club duties.

B. Duties of the Officers

President: The President shall preside at all General Membership meetings at which he/she is present; shall exercise supervision over the affairs and activities of the Club.

Vice-President: The Vice-President shall assume the duties of the President during his/her absence. The Vice-President shall obtain a list of all members and guests attending the monthly membership meeting, shall ascertain which of the members present are eligible to participate in Club business and shall maintain the club membership records.

Secretary: The Secretary shall keep the minutes of all General Membership meetings and be custodian of all Club legal records.

Treasurer: The Treasurer shall receive all Club funds, keep them in a bank or repository selected or approved by the Executive Board. The Treasurer shall pay out funds not to exceed One Hundred Dollars (\$100.00) per month for Club administrative expenses. The Treasurer shall pay out funds for non-budgeted expenses when approved by the membership. The Treasurer shall keep a ledger of all transactions. The Treasurer shall, at such time as the Club may direct or the President require, present for examination all ledgers, papers, vouchers, etc., that may be necessary to properly audit his/her accounts. He/she shall present a status report of club funds at each General Membership meeting. He/she shall present an annual report of the prior year's transactions at the April Executive Board meeting.

Activities Manager: The Activities Manager shall be responsible for all club programs, except for designated committees named in Section B, for the good of the general membership, i.e., dinners, social events, get-togethers, etc.

Radio Officer: The Radio Officer shall serve as trustee of the Club Amateur Radio License and all Club owned equipment. The Radio Officer shall maintain a current inventory and location of said equipment at all times. The Radio Officer's address shall be the legal address of the Club

SECTION 6 - DUTIES OF THE TRUSTEES

The Trustees shall constitute the budget committee and shall present to the Club a budget not later than the regular February meeting, making appropriations for each of several activities out of monies known to be in possession of the Club or estimated to come into the Club in the ensuing budget year.

Said budget, either in its original or modified form, must be adopted by the Club before the March meeting or the next following regular meeting. After the budget has been adopted, all expenditures must be kept within the limits of the budget.

When a proposal is made for any expenditure that will be in excess of the adopted budget, such proposal shall be referred to the Club Trustees for consideration and recommendation to the membership. Such proposal may then be voted on if a quorum is present. The budget year shall commence on April 1.

SECTION 7 - DUTIES OF THE EXECUTIVE BOARD

The duties of the Executive Board shall be to act on behalf of the Club and Club members in order to expedite the general membership meetings. In this capacity, the Executive Board acts on items of business with the Executive Board President reporting to the general membership on the action taken. The Executive Board shall consider, promote, and transact additional business subject to instructions of the Club as expressed by a vote at a regular business meeting. The President of the Executive Board is elected by the Board as a whole from the Trustees at the first board meeting after election of members to the board has been completed.

SECTION 8 - COMMITTEES

A. Committee Chairpersons shall be appointed by the President as he/she deems necessary. Committee chairpersons shall make reports to the Club on committee progress at general membership meetings.

E. Committees may consist of, but not limited to:

1. Social-Banquet, Picnic, Christmas Party
2. Contests - Field Day, Sweepstakes
3. Public Service - ARES, Bike-A-Thon, Walk-A-Thon
4. Fund Raising - Flea Market
5. Education and Training - Field trips, Tune-up Seminars
6. Long-range Planning
7. Nominating Committee

C. Special committees may be appointed by the President or the Executive Board at any time the need arises.

D. An Audit Committee shall be appointed to conduct an audit of finances and property belonging to the Mike and Key Amateur Radio Club. This committee shall convene in January of each calendar year to enable said committee to render their report at the general membership meeting in March.

E. Awards Committee shall consist of the last three (3) recipients of the "Pop Brown" Award who are members of the Mike and Key Amateur Radio Club to select the Pop Brown Award recipient and the Appreciation award recipient.

SECTION 9 - ORDER OF BUSINESS

The recommended Order of Business at all general membership meetings shall be:

- A. Meeting called to order; introduction of visitors
- B. Identification of officers; roll call of members
- C. Program or Social Hour - limit 1/2 hour
- D. Acceptance of minutes
- E. Reports of Officers and Committee chairs
- F. Unfinished Business
- G. New Business
- H. Adjournment

SECTION 10 - QUORUM

One-third (1/3) of the membership shall constitute a quorum for the transaction of business.

SECTION 11 - AMENDMENTS

Any amendment to these By-Laws may be proposed at any regular membership meeting to be adopted by a two-thirds (2/3) majority vote of the active members present at the following general business meeting, provided the proposed amendment receives the approval of the Executive Board and a written notice of said amendment is sent to the general membership.

Submitted by:

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 Joyce Stroehner N7JPW _____
 Jack Burell KB7ZS _____