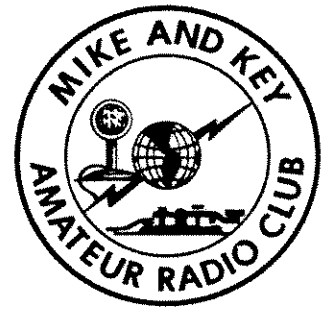
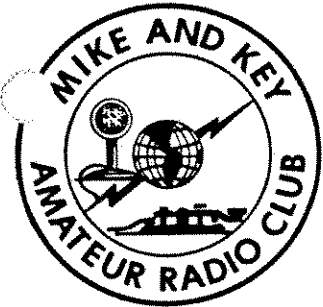


# K7LED RELAY



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 9:30 AM in "The Tukwila Community Center", 4101 South 131st. Seattle, Wa. 98168. All "HAMS" invited. The Mike & Key Net meets each Wednesday evening at 1930 hr on 224.12 and 146.82-22 Mhz. The repeaters are linked. Your Check-in is welcome.

AN ARRL AFFILIATED CLUB LOCATED NEAR SEATTLE, WASHINGTON

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1989

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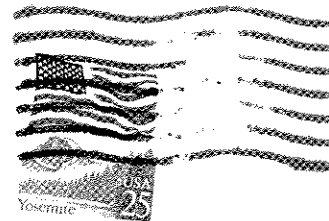
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RELAY DEADLINE 2 JANUARY 1990



REPEATER FREQUENCY  
52.05 - 53.05  
146.22 - 146.82  
224.12

First Class

**BOARD MEETS**

FIRST TUESDAY  
OF EACH MONTH

CLUB MEETING  
Third Saturday  
of Each Month

16 DECEMBER 1989

TUKWILA COMMUNITY CENTER  
4101 South 131st  
Seattle, WA 98168  
Phone 243-5198

HEDBERG, PETE  
20904 NE 77TH ST  
REDFORD  
WA 98035

K7WTG

Breakfast 0730  
Riverside Inn, Tukwila

COFFEE AND DONUTS WILL BE READY AT 0930

The  
Presidents  
Corner

I would like to take this opportunity to wish all of the members a very Merry Christmas. I will not be available for the December meeting so it is now, by ham radio, or never.

For those of you who forgot, had other plans or just didn't want to attend, you missed a fine gathering at the Christmas party. Plenty of turkey, ham, side dishes, veggies, fruit, rolls and dessert. Would you believe a Christmas tree cake from Mike, WB7AYU and a Merry Christmas cake with the Club logo done on the frosting. Really impressive. Many thanks to Joyce, N7JFW who managed to put together all the table fixings, red silverware and napkins; green plates, favors at each setting with all the associated greenery. An excellent dinner and evening.

In addition to getting some of the party stuff together, I managed to get to Verns QTH and pickup the Fleamarket flyers. They are now in the hands of CSE and I am sure there will shortly be a work party to add the address labels. March 10th will be here before you know it.

Next in my thoughts are the elections due in March. We have a nominating committee that is currently trying to come up with a slate of officers that will meet the needs of the Club for the coming year. Please contact the committee with your thoughts.

73, and again Merry Christmas and a Happy New Year.

Jack, KB7ZS

CONTEST SHY

Well, as you read this, the Fall Contest Season of 1989 will be history. Sweepstakes, the CQW's and 160/10 meter contest are just memories, although Pleasant ones.

Sweepstakes - CW session

This was the third year for the K7LED group effort from Fox Island. With accommodations courtesy of Hal and Annie, four of us plowed thru the tons of QRM to amass a respectable 659 Q'S (our best ever). We managed to work every state in the Union and missed only two ARRL sections. (I figure the Hams from the Yukon were visiting the Hams in the Virgin Islands, so neither had time to get on the air). Thanks to Bob (K6PQJ), Monty (W7EVS), and Mike (KA7CSE) for showing up. Thanks to Jim (K7ND) for his support, (and mattresses) and again to Hal (N7NW) and Ann for the site and the great FOOD!

CQ World Wide - SSB & CW

While not a club event, a couple of our members (and maybe more??) played in this biggie of biggies. Heck, I even gave the SSB portion a try (and almost choked on the dust I blew off the microphone!).

Mike (KA7CSE) spent his time looking for new countries while I went for the points. Maybe next year we can get some more players and submit a Club score??

---CW RESULTS---

	Q's	Ctrys	Zones	Points
KA7CSE	398	70	142	236,592
WA7UVJ	574	68	124	309,696

We both worked 10 NEW ones plus bookoo new band countries. As an added wrinkle, we both used computers that logged, duped, AND sent our code for us. (Now if it could only make up for lost sleep).

Still to come are the 160 and 10 meter contests, but they will be over by publishing time. I hope you gave them a try. If you did, let me know your results, I'll be happy to brag you up. 'till then, 73 -uvj

COMING UP

Over the next several months keep the following in mind.....

Novice Class - Jan/Feb/Mar  
ARRL DX Contest - Feb/Mar  
Flea Market - March  
Elections - March  
Banquet - April

## DX NODE

For those who couldn't make the north DX Packet node on 145.730, an additional node has been established in the South. This node is located just north of Burien and is linked to the northern one in Bothell.

The South node is on 145.770 and easily accessible even from Tacoma. Hundreds of DX alerts are placed on these nodes monthly and a new feature is an on-line version of the famous W6GO QSL managers list. Just connecting up once will get you a copy of the system operations guide. If you're into DX and have Packet, this is the place to be. - uvj

## 'TIS THE SEASON

Somewhere along the way we lost our food drive, and maybe a few other things. However, please don't forget the need is greatest during this time of year and your local food bank can use your help. Many local areas' charities were given a double whammy by the Boeing strike (loss of donations and increased need) plus the current holiday season is always a major drain. As a result, most are very low on supplies.

So, even if the club isn't doing any formal organizing this year, buy a couple extra non-perishable items on your next trip to the grocery and make your own donation. It'll help wake up your holiday spirit. -uvj

## NOVICE CLASS

I feel pretty good about your results in this Fall's Novice Class. Most everybody passed by the seventh week and there are only a couple students left for the last class session. Someday, we are gonna figure out how to keep everyone coming AFTER they pass their tests, its not easy lecturing to only three in a big empty classroom.

Among our success (actually it's the students success) was an eight year old named David. It wasn't easy for him, but he kept slugging away, and finally mastered the code. (I think he had to cut out the Nintendo, too). Maybe some of us

can use that as an inspiration on our own upgrades?

I want to thank Jim and Dick for the great work they did this session, and remind them and you that a Winter session starts in January. You can call Highline Community College for details.

Also, I have a receiver in my possession that some gracious donor made available for use by our students. I'll be bringing it to the December Club meeting. (I think I know who it belongs to.) uvj

## CELLULAR FONES??

Got a hankering for a great super cellular phone? Kinda expensive, ain't they? Here's an old idea that you might find a lot more acceptable if you just gotta have radio communication from your car. Long time ago the FCC authorized mobile phone service in both the 150 and 450 Mhz band. These fones are much more powerful than cellular, have greater range, lower initial costs and greatly reduced operating costs. They have greater coverage over most of the USA and have only one number fro your installation. In other words, you don't have to hassle each company in whose area you happen to be, to authorize you to use their system. Billings are made to your address just like any telephone bill. You will have to work a bit to get this unit because the phone companies are not really "pushing" the system. But they are out there and ready to be installed--if you just gotta have one. 73 de W7JIE "Gib"

ASK THE BOARD OF THE MIKE & KEY ARC,  
HOWCOME THIS CLUB IS NOT A SPECIAL SERVICE  
CLUB OF THE ARRL??

## HELP WANTED??

I was monitoring (as I usually do) a few of the Public Service Operations that have been going on in the Puget Sound area. While I was just listening to the goings on, I was struck by the large number of "repeat, please" calls that went out. The repeater was strong, the input signal was strong, but the modulation was awful!! Not everyone--just a few operators were really "mudding up" their own transmissions.

They were talking too fast. Or they had swallowed the Mike. Some of them seemed to yell into the Mike--maybe that would get through--they think. Others were in an area where the background noise was stronger than their own voice--especially when they held the Mike a foot away from their mouths.

It seems to me that very few people really know how they sound on the air. If they were to listen, I'll bet they'd be amazed at the garble that comes out. If you want to know how you sound, get a friend to record you. Or, if nothing else, call me and I'll put you on tape. I'm sure many communications would be improved if we all tried to clean up the act. It's sure a lot easier than "repeat, please". W7JIE

**IF YOU WANT YOUR DREAMS TO COME TRUE, YOU HAVE TO STAY WIDE AWAKE!!**

**YOU KNOW YOU ARE A REAL HAM WHEN ALL YOUR VISA CHARGES READ, "AMATEUR RADIO SUPPLY", S. 13TH, SEATTLE, WASHINGTON.**

#### **CHRISTMAS PARTY**

A fun time was had by all at the annual M&K Christmas Party held at the Ballard Eagles on December 2. The weather was awful (could it rain any harder?), but the spirits were high. There was plenty of wonderful food, including ham and turkey prepared on site. The decorations were festive, so I was told. I had fun doing them, and thanks to Doty, XYL of Jack, KB7ZS, for helping with them. Chuck, WA7EHH, Jack, KB7ZS and Pat, W7VIH set up the tables and chairs and did the other extras. Thanks to Pat for his bartending and general all-around hosting.

For those who did not attend, you missed a good time. It was fun to visit with those we haven't seen since the summer activities. Thank-you to those that brought all the goodies. Afterwards, some of us went down stairs and enjoyed the music of Jimmy Wakely and watched the Eagles do their ballroom dancing. N7JFW

#### **ACTIVITIES MANAGER REPORT**

Well, looking back at 1989, it sure seems to have gone by fast, now hasn't it?!

Many of you have been asking about the 440 HT that has been my intention of giving away here, prior to the club banquet next spring. Originally, it was my hope that the offering of something "extra" would foster a keener interest in the club raffle, the proceeds of which to toward the major prizes given away at the spring Awards Banquet. Unfortunately, the participation by the club as a whole has been thoroughly disappointing. There are a handful of members who have gone above and beyond what was hoped the rest of you would do, but, as the following disclosure indicates, we have to either ask ourselves if we really want a raffle, or just give it up as a good idea gone bad. May: \$34.00; June: \$45.00; July: \$41.00; August: Picnic, no raffle; September: \$24.00; October: Mgr had to work, no raffle; November: \$38.00; for a total of \$182.00 NET.

As you can see, for a club the size of the Mike and Key, we should be doing considerably better than this. Oh well, maybe things will improve...but so might the Seahawks? Anyway, 73 and take care this Holiday Season. Allan, WV7R

#### **WEDNESDAY NETS**

QST..QST..We do have a net on Wednesdays. You all are invited to check in. On 11/29/89 we had 17 check-ins. The M&K Xmas party was covered. Also, K7ND reminded all about ordering club jackets. Jim also told the people on the net that a new Novice class will start Jan. 11 at Highline Community College. The net then was closed at 1950 hours. TNX. KF7SX.

#### **M&K MONTHLY ROSTER FOR NET CONTROL OPS**

1st Wed - KF7SX  
2nd Wed - KF7YB  
3rd Wed - WA7YFH  
4th Wed - N7NBI/N7BNJ

**MERRY CHRISTMAS  
AND  
HAPPY NEW YEAR**

MIKE AND KEY AMATEUR RADIO CLUB  
146.22/146.82 REPEATER  
K7LED

To: All fellow Amateur Radio operators.

The following information and guidance is for the use of the Mike and Key 146.22/146.82 repeater.

- (1) The prime purpose of the Mike and Key 146.22/82 repeater is to support club activities, provide an easily accessible two meter frequency for communications between club members and provide the opportunity for other amateurs to "meet us" and participate in our club activities.
- (2) The Mike and Key club will try to provide "hosts" to assist nonmembers with questions about our 146.22/82 repeater and our 220 & 50 MHZ repeaters and other activities.
- (3) The 146.22/82 repeater is an "OPEN" repeater available to ALL AMATEURS. It is also available for public service activities and of course, emergencies. To schedule such an activity contact the club radio officer.

(4) OPERATION:

- (a) The Mike and Key club will attempt to provide host operators for information and assistance.
- (b) Users are EXPECTED to provide assistance to others who may need assistance, information, etc., DO NOT IGNORE THEM. on the other hand, ASSISTANCE AND INFORMATION SHOULD BE CALLED FOR ONLY WHEN NEEDED!

**BOTTOM LINE! IF YOU USE THE REPEATER YOU ARE EXPECTED TO PROVIDE ASSISTANCE WHEN NECESSARY.**

- (c) When possible (which is most of the time), after contacting your station move to a simplex frequency so others who cannot communicate on simplex can use or monitor the repeater.
- (d) Allow time for BREAKS. The repeater re-sets on carrier drop, wait for the "BEEP" before talking.
- (e) THINK before you talk. Remember you are broadcasting from a 2,000 foot mountain. Hundreds of people are listening.
- (f) NO TONES ON THE REPEATER!!
- (g) ENJOY.

(5) DUES. The Mike and Key Amateur Radio club supports the repeater. We do not solicit donations. If you like what you hear come and visit our club!

(6) The above policies have been reviewed and approved by the Mike and Key club Board Members. The Mike and Key repeater committee consists of:

Hal Goodell N7NW

Ken Rau K7YR

Chuck Stroehner WA7EBH

Any questions for the operation of 146.22/82 repeater should be addressed thru the committee.

73 & Enjoy

Ken Rau K7YR

1989 **Dec 10 - Jan 20** 1990

**DECEMBER AND JANUARY EVENTS**

SUN	MON	TUE	WED	THU	FRI	SAT
Dec 10	Dec 11	Dec 12	Dec 13 7:30pm M&K NET <i>KF7YB</i>	Dec 14 7:00pm Public Service Net	Dec 15	Dec 16 7:30am Breakfast at Riverside 10:00am CLUB MEETING in Tukwila 1:00pm VE EXAMS at Good Neighbors Center
Dec 17	Dec 18	Dec 19	Dec 20 7:30pm M&K NET <i>WA7YFB</i>	Dec 21 7:00pm Public Service Net 7:00pm PARS MEETING PUGET POWER BELLEVUE	Dec 22 Winter begins	Dec 23 Hanukah
Dec 24	Dec 25 Christmas	Dec 26	Dec 27 7:30pm M&K NET <i>N7NBI NYBNJ</i>	Dec 28 7:00pm Public Service Net	Dec 29	Dec 30
Dec 31	Jan 1 New Year's Day	Jan 2 7:30pm Board Meeting **RELAY DEADLINE FOR NEXT ISSUE**	Jan 3	Jan 4 7:30pm ISSAQUAH RADIO CLUB MEETING	Jan 5	Jan 6 8:00am CAMANO ISLAND HAM BREAKFAST
Jan 7	Jan 8	Jan 9	Jan 10	Jan 11	Jan 12	Jan 13
Jan 14	Jan 15 Martin Luther King, Jr.	Jan 16	Jan 17	Jan 18 7:30pm PARS RADIO CLUB	Jan 19	Jan 20 7:30am Breakfast at Riverside 10:00am CLUB MEETING in Tukwila 1:00pm VE EXAMS at Good Neighbors Center

FOR ADDITIONS CONTACT EDITOR