

# K7LED RELAY



The K7LED RELAY is the official tabloid of the Mike and Key Amateur Radio Club. The mailing address is: P.O. Box 2121, Kirkland, WA. 98033. The Mike and Key Amateur Radio club is dedicated to the betterment of Amateur Radio. We meet the Third Saturday of every month at the Good Neighbors Center, 305 So 43rd, Renton - across from Valley Medical Center. The Club operates repeaters on 52.05-53.05, 146.22-146.82, 222.52-224.12 under the call of K7LED. The following nets meet on 146.82: Club Net Wednesdays at 7:30 PM, Public Service on Thursdays at 7:00 PM. Everyone is invited to participate.

VOLUME 19

JANURARY 1991

NUMBER 1

## PRESIDENT

Mike Dinkleman WA7UVJ  
637 2nd Ave. SO.  
Kent, WA.98032  
854-4031

## TREASURER

Claire Laskey KB7GEW  
3616 SW Andover  
Seattle, WA. 98126  
935-5547

## TRUSTEE NO. 1

Mike Hansow KA7CSE  
1412 Lake Youngs Way SE  
Renton, WA. 98058  
255-7137

## TRUSTEE NO. 4

Brian Wood KF7QF  
8706 206th St. SW  
Snohomish, WA. 98290  
481-2361

## VICE PRESIDENT

Ralph Schumacher WX7T  
4032 East Mercer Way  
Mercer Island, WA. 98040  
232-8053

## ACTIVITIES

Julian Williams KA7MCB  
7839 So. 114th St.  
Seattle, WA. 98178  
772-5729

## TRUSTEE NO. 2

Frank Krieger KA7QHG  
3410 So. 166th St.  
Seattle, WA. 98188  
243-9232

## TRUSTEE NO. 5

Ted Boessenroth NOYC  
2009 Dayton Dr. SE  
Renton, WA. 98055  
255-7721

## SECRETARY

Darlene Pauza KG7KC  
15325 6th SW  
Seattle, WA. 98166  
2078

## RADIO OFFICER

Ken Rau K7YR  
5430 Lake Alice Rd. SE.  
Fall City, WA. 98024  
222-7711

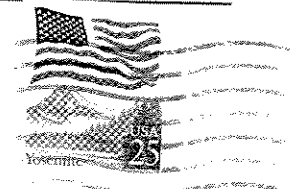
## TRUSTEE NO. 3

Mary Lewis W7QGP  
10352 Sandpoint Way NE  
Seattle, WA. 98125  
523-9117

## EDITOR

Joyce Stroehrer N7JPW  
19415 SE 21st St.  
Issaquah, WA. 98027  
392-5303

JOYCE STROEHER  
19415 SE 21<sup>st</sup> ST.  
ISSAQUAH, WA. 98027



FIRST CLASS MAIL

## BOARD MEETING

On First Tuesday at 7:30 PM  
Onmi Restaurant on So. 188th ST.

## BREAKFAST

7:30 AM AT THE RIVERSIDE INN  
14060 Interurban So., Tukwila

## CLUB MEETING

Saturday January 19 at 10:00 AM  
Good Neighbors Center  
305 So. 43rd, Renton  
Doors open at 9:30 for donuts  
TALK-IN ON 146.82 RPTR

## RELAY DEADLINE

THE BOARD MEETING!

K7WTG  
HEDBERG, PETE  
20904 NE 77th ST  
REDMOND, WA. 98053

91/01

# CHECK MAILING LABEL FOR DUES EXPIRATION DATE!

## COMMITTEES

If you need information on any of the following topics, feel free to contact the persons under each heading. (you can match names to the calls with the roster)

Repeater  
KY7R, WA7EBH, KB7ZS

Public Service  
WA7EBH, K6DOW

Relay (newsletter)  
N7JPW

VE Exams  
WA7UVJ, K7ND, W7QGP

Ham Classes  
K7ND, WA7UVJ, WB7TBR

Interference  
KB7GEW

Banquet Chairman  
WA7UVJ

Awards (last 3 Pop Brown)  
WA7UVJ, WB7TBR, N7JPW

Field Day  
KB7ZS, KA7QHG

Election Nomination  
N0YC, (two more needed)

If you wanna volunteer to help, change the list,  
or have questions on some other subject, latch  
on to your closest club officer or trustee.

---

## BANQUET

The Annual Mike & Key Awards Banquet will be held April 6th at Barnaby's Restaurant in Tukwila.

At this event, the Mike & Key Club honors all its members and recognizes those special few who went above and beyond the call of duty. (Some may get recognized for acts they would just as soon forget). In addition, we will be presenting the first members of this club to exceed 20 years of service!

Barnaby's has a choice of five entrees, a 26 item salad bar, and full no host cocktail bar, all for only \$15, including tax and tip.

Dinner choices are: Prime Rib, Top Sirloin, Stuffed Flounder, Marinated Chicken Breast, Baked Salmon or Halibut (restaurant's choice).

Don't miss out on this years awards banquet, get your reservation in today to WA7UVJ Mike Dinkleman, 637 2nd Ave So. , Kent WA. 98032.

Name #1: \_\_\_\_\_ Dinner Choice \_\_\_\_\_

Name #2: \_\_\_\_\_ Dinner Choice \_\_\_\_\_

Name #3: \_\_\_\_\_ Dinner Choice \_\_\_\_\_

Name #4: \_\_\_\_\_ Dinner Choice \_\_\_\_\_

\_\_\_\_\_ dinners X \$15 = \$ \_\_\_\_\_ (enclosed) Phone No. \_\_\_\_\_

## PRESIDENTS CORNER

1990 was quite a year for the Mike & Key Amateur Radio Club and the Seattle area radio scene.....

Some highlights and lowlights in somewhat chronological order.....

- \* we got a brand spankin new 2 meter repeater
- \* we held our most successful flea market ever
- \* Seven members from the Zilan DX Club of the USSR toured Washington State
- \* The World Radio Championships came and went with much deserved accolades
- \* The radio community and M&K rallied around the Goodwill games and another Seafair
- \* Members of the M&K participated in a return visit to the USSR
- \* we experienced an August without Hamfair
- \* the Tacoma fleamarket was born (they say imitation is the sincerest form of flattery)
- \* we lost the 2 meter repeater for two months (gnashing of teeth) and the backup repeater was restored
- \* we turned 20 years old
- \* we returned to the UGN

I sure many of you have your own highlights of 1990. I hope you will join me in making 1991 even greater year.

## ALUMINUM

Keep bringing those aluminum items to the club meetings. I'm still trying to raise every dime I can for this years return visit by Zilan DX Club members. -uvj

THIS MONTHS PROGRAM IS ON  
CELLULAR TELEPHONE TECHNOLOGY BY  
JERRY WOLFER- WA0RCX WHO WORKS  
FOR US WEST CELLULAR.

## MINUTES GENERAL MEMBERSHIP MEETING DECEMBER, 1990

Meeting was called to order at 10:00 A.M. by Mike, WA7UVJ, President, with 55 members in attendance with 17 visitors. Introductions followed.

Ralph - WX7T, Vice President: The new roster has been published in the RELAY. Call sign changes, upgrades, etc., contact Ralph. Five new applicants were presented to membership. Hank Doty, KB7KHA; Si Hagler, NL7EX; Jim Long, WA7HCP; Angela Korn, KC7EO; and Don Lahr, KB7JIF. All were voted in unanimously.

Claire - KB7GEW, Treasurer: Checking \$1,198.79. CD plus interest \$5,171.16. Total bank balance \$6,369.95. \$25.00 donation to Angle Lake Medic One in memory of Tom Phelan, KA7SEH.

Gene - WA7TAI: Contact him if interested in Flea Market tables.

Julian - KA7MCB, Activities Manager: Antenna Ordinance - please sent in petitions, letters, etc. to John, KA7MCX. Hearing to be held December 19, 1990 at 9:00 a.m. in Alaska Building, 2nd and Cherry, room 1306.

Jack - KB7ZS: Repeater working well.

Jim - K7PHZ: Back up repeater coming together, waiting on antenna.

Mary - W7QGP: No Code Technician License - all privileges 30 Mhz and above, to have H.F. privileges, must still pass 5 WPM code. No change in calls, novice class license remains the same.

Public Service: Santa Talks - contact Tim, K7QMI for more information.

Mike - WA7UVJ, President: Memorial service for Tom Phelan, KA7SEH, Saturday, December 22 at 1:00 p.m. at Good Shepard on 188th and 42nd S.W.

T-shirts and coats. Minimum order of 10 each. Contact Mike, WA7UVJ, if interested.

A motion was made at the board meeting to donate \$200.00 of the allocated money for the

Christmas party to the Griffin Home for Boys in Renton.

Banquet chairperson needed. Banquet to be held April 6, 1991. Contact a board member if interested.

Congratulations to Mary, W7QGP, NW ARRL Director.

A brief break was taken. Meeting was resumed at 10:40 A.M.

Julian - KA7MCB, Activities Manager: The raffle winners are: WA7HNY \$25.00, N7MYM \$15.00, N7NKQ \$10.00. The lucky winner of the IC 2SAT was N7LTH, A. Seliman.

Mike - WA7UVJ, President: UA1DZ, George, involved with Goodwill Games, became a Silent Key.

Business meeting was adjourned at 10:45 A.M. A program then followed by Phil Ferrell, K7PF.

Respectfully submitted  
Darlene Pauza, KG7KC  
Secretary.

## FLEA MARKET REGISTRATION

This year there is a need for 4 members on Friday from 1500 hr to 2100 hr. and 4 members on Saturday from 0530 hours until all sellers are registered for their tables. One or two other members would be nice to handle other things on Saturday, such as, "helper" name tags, work schedule, etc.

Now that the size of the FLEA MARKET has expanded to where we are using both floors, we, the club, need all of the members to be there with their white jackets on and ready to help where they are needed.

There is a list going around that you need to get your name on. Your name on the list gets you in without paying. If you are not on the list, plan on paying admission. Don't come rushing up Saturday morning expecting to get on the list so you can get in free. GET ON THE LIST "early" so we know who is going to help. Ray, WA7EKH, Registration.

## SHIRTS

Many of you signed up for Mike & Key T-shirts a couple months ago. In order to start the order process, I will need a minimum of 10 paid up orders.

If you signed up for a shirt, please bring \$10 to the next club meeting and confirm the size you desire.

In addition, I will continue taking sign up for M&K jackets. uvj

## THE RUSSIANS ARE COMING

Well, after some wringing of hands, a pinch of confusion, and a lot of prayer, invitations have been sent out to five members of the Zilan DX Club of the USSR for a visit with Hams throughout Washington State. This years visit will be from May 11-27, 1991.

Many of you remember meeting members of last years group and might have been quite surprised with the reaction, "Hey, they're just like us." Then when the Radio Championships were held, even more of you got the itch to rub elbows with the UA's. This year, I would like to expose as many as possible to our visitors.

This year, our Soviet counter-parts will come from the cities of Kazan, Kuibyshev (Samaria), and Saratov, all along the Volga River. They range in widely in occupation, age, and ability to understand English (uh oh!).

There is one common bond between them though (other than radio), and that is a lack of funds for travel. Most of you are aware of the changes occurring in the USSR these days. As little as six months ago, it was illegal to possess the currency of another nation if you were a Soviet citizen. Now, the State airline will not allow you to purchase an outgoing ticket UNLESS it is paid with that same foreign (hard) currency.

So, the members of my group and I are going to take a gamble. We are extending the invitations and purchasing tickets for these fellow Russian Hams. Over the next 5 months, we hope that Washington State Amateurs will help defray that expense with donations of money, equipment, and services. The cost of airline tickets alone will exceed \$1300 for each

visitor and that doesn't include what it will cost to host them while they are here. If you can help, please send your donations to myself or Mike, KA7CSE, even the smallest donations would be sincerely appreciated.

In the next month, I hope to give a short biography on each of the visitors, so stay tuned, and thanks for your consideration. Mike, WA7UVJ

**ARRL BULLETIN 54  
FROM ARRL HEADQUARTERS  
NEWINGTON, CT DECEMBER 13,  
1990**

**TO ALL RADIO AMATEURS**

FCC announced on December 13 that new Technician Class license applicants will not have to demonstrate Morse code proficiency in order to have all privileges above 30 Mhz. Implementation is expected by February, 1991. Techs who obtain their licenses prior to that date will be grandfathered, meaning they will continue to have their present HF privileges.

The codeless Technician written exam will have 55 questions. New Technicians wanting HF privileges will be required to hold a CSCE for element 1A, that is 5 WPM, which must be administered by three accredited VEs. There will be no call sign designator to indicate whether or not a Technician has passed a code test, but FCC will have records of who has passed.

More details will be forthcoming in February QST.

**MINUTES  
BOARD MEETING  
JANUARY, 1991**

Frank, KA7QHG, called meeting to order at 7:30 P.M.. 9 board members, 4 visitors present. Mike, KA7CSE, excused.

Ralph, WX7T, Vice Pres: New member applications - Jermi Dominerski, WA7YGB; N. Michael Hansen, N7OXR; Mike Hansen, N7PGZ; John Schaaf, N7OME; Billie Schaaf, N7OKT; Michael Mills, KB7JNN; Matt Taylor, N7PWH; Lyman Fitzgerald, KA7OES.

Claire, KB7GEW, Treasurer: Requests copy of Long-Range Plan to be brought to club meeting. Checking \$1293.79 as of 1/7/91.

C.D. with interest \$5195.47. \$200.00 check to Griffin Home in lieu of Christmas Party.

Mike, WA7UVJ, President: \$400.00 printing of fliers, \$700.00 for mailing. Flea Market expenses upcoming. Flea Market meeting 1-23-91 at Mike's, KA7CSE. Banquet at Barnaby's in Tukwila, April 6. \$15.00 including tax and gratuity. Nominating committee needed. Taking nominations from floor next three meetings.. Tech class starting under new guidelines on 1-17-91 at Highline Community College.

Mary, W7QGP: Antenna ordinance rescheduled for 2-3-91 at 9:00 a.m.

Brian, KF7QF: Discussed repeater concerns.

Julian, KA7MCB: Letter of apology from Phil Ferrell, K7PF. \$50.00 donation from club members to Griffin Home.

Jack, KB7ZS: Wagon Wheel reservations mailed. Paid deposit \$12.00. Environmental Learning Center work party 1-12-91. Need 10 meter band chairman for Field Day. Must be Novice or Tech.

Chuck, WA7EBH: World Radio subscription due. Renewed. RELAY deadline is tonight.

Mike, WA7UVJ: Memorial Service for KA7SEH with good turnout from MiKe & Key.

Mary, W7QGP: W7JWJ, Harry, filling out term as section manager until October 1.

Nils, WB7TJK: Presented member survey. (printed separately).

Meeting adjourned at 8:35 p.m.

Respectfully submitted,  
Darlene, KG7KC, Secretary

**CLUB MEETING SATURDAY JANUARY 19th  
AT 10:00 AM. A NEAT PROGRAM ON  
CELLULAR TELEPHONES AND WHERE  
THE TECHNOLOGY IS GOING. SEE YA  
THERE!**

## MEMBERSHIP & PARTICIPATION SURVEY

(Sept thru Dec, 1990)  
by Nils Hallstrom, WB7TJK

Since September of 1990, a survey has been conducted to ascertain an apparent decline in attendance and membership in our club.

Contact was made with 22 members on a list of 44 provided for the survey. All communications were by telephone and strict confidentiality was assured to all members contacted, concerning their response.

The following questions were asked:

- \* Are you satisfied with the club meetings as they are now being conducted?
- \* Do you feel the club has satisfied your expectation or let you down by not providing information or training in a specialty field of amateur radio, Packet radio, Dxing, Satellite communications, etc.?
- \* Are you satisfied with the FIELD DAY organization and operation?
- \* Do you feel there is a clique atmosphere within the club membership?

The results of the survey taken were as follows:

- \* 16% expressed an opinion that "some clique" feelings existed.
- \* 96% were satisfied with the agenda of the club meetings.
- \* 18% stated they had forgot to send their dues and of that group, only three said they joined because they felt they should to support the operational cost of the repeater.
- \* 87% expressed satisfaction with FIELD DAY operations, although there was a comment or two expressed to find a different location.
- \* 18% stated that their "interest has changed". Further inquiry indicated theses were NEW grandparents.

## COMMENTS:

- \* "I have no other interests. I enjoy the sponsored events and rate the club at the top."
- \* "The club does not utilize the expertise of its members. We should establish a Data Base to draw from and have more person-to-person contact for programs."
- \* "I forgot to send dues, am happy with club as it is - we have no real problems."
- \* "I enjoy Ham radio and a great group of warm, friendly guys. But I now have two new fishing partners and a new boat. I just love salmon fishing more."

## HAM CLASSES

The Mike & Key will be sponsoring the winter edition of its radio classes at Highline Community College starting January 17th.

Due to FCC restructuring of the Technician operator license, class lectures will be slanted towards obtaining that code-free license. Of course, code tapes and help will still be available for the hardy.

If you know anybody that is interested, have them contact the Adult Continuing Education Department, Highline CC, in Des Moines. -uvj

## LETTER OF THANKS

January 4, 1991

Thank-you so much for your donation of \$200.00 for Friends of Youth's Griffin Home. Paul, and the other boys, really appreciate your support. Thank-you for making their holidays brighter.

Hope your holidays were fun, and best wishes for the coming year.

Very truly yours,  
Sheridan Hopper  
Director of Development

## ELECTIONS

Nominations are open for the following.....

President  
Vice` President  
Secretary  
Treasurer  
Activity Manager

Trustee Position #1  
Trustee Position #3  
Trustee Position #5

The Mike & Key will hold elections during the March meeting and entertain nominations each meeting until then. There is also room for two more persons on the nominations committee that actively seeks candidates for office. -uvj

## WELCOME ABOARD

KB7KHA - Henry A. Doty, 8968 Bethel Burley SE, Port Orchard, WA 98366.

NL7EX - Silas P. Hagler, P.O. Box 10569, Winslow, WA 98110. Ph. 842-0805.  
WA7HCP - Jim Long, 8124 128th Ave. SE, Renton, WA 98056. Ph 228-3872.

KC7EQ - Angela S. Korn, 10367 108th Ct. SW, Tacoma, WA 98498. Ph 584-2228.

KB7JIF -Donald G. Lahr, 940 9th Ave., Fox Island, WA 98333.

Please add these new members to your roster.

## VISITORS IN DECEMBER

KB7KGQ Joe Bryant; KG7IL Glenn Cummings;  
NL7ST Mark Northcutt; Maria Neuman; K7OZY Sandy Dunkel; N7PWH Mac Taylor; N7OXR N. Michael Hansen; N7PSE Mike Hansen; N7OME John Schaaf; N7OKT Billie Raye Schaaf;  
KB7JNN Michael Mills; KA7OES Lyman W. Fitzgerald; K7PF Phil Ferrell; K7GCO Ken Glanzer; Casey Robinson.

## FOR SALE

### YAESU STATION

FT-7676X with 6 and 2 meter module.





FL-7000 - 1200 watt Solid State amplifier W/ auto tuner

HRO's today price \$4005.00

Sell package \$2000.00 firm

Jon, W7FHZ 839-7688, evenings

# January 13 - February 23, 1991

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jan 13	Jan 14	Jan 15	Jan 16 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Jan 17 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR. <div style="border: 1px solid black; padding: 2px; display: inline-block;">7:30pm PARS MEETING Puget Power Bldg. Bellevue <i>See 1-21</i></div>	Jan 18	Jan 19 7:30am Breakfast at Riverside 10:00am CLUB MEETING AT UGN IN RENTON 1:00pm VE EXAMS at Good Neighbors Center
Jan 20	Jan 21  Martin Luther King, Jr. <i>PARS @ 730</i>	Jan 22	Jan 23 7:30pm MIKE AND KEY NET ON 146.82 RPTR. 7:30pm FLEA MARKET MEETING AT KA7CSE	Jan 24 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR.	Jan 25	Jan 26
Jan 27	Jan 28	Jan 29	Jan 30 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Jan 31 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR.	Feb 1	Feb 2 8:00am CAMANO ISLAND HAM BREAKFAST
Feb 3	Feb 4	Feb 5 <b>**RELAY DEADLINE FOR NEXT ISSUE**</b> 7:30pm Board Meeting OMNI RESTRAUNT	Feb 6 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Feb 7 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR. 7:30pm ISSAQUAH RADIO CLUB MEETING	Feb 8	Feb 9
Feb 10	Feb 11	Feb 12  Lincoln's Birthday	Feb 13 Ash Wednesday 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Feb*14  Valentine's Day	Feb 15	Feb 16 7:30am Breakfast at Riverside 10:00am CLUB MEETING AT UGN IN RENTON 1:00pm VE EXAMS at Good Neighbors Center
Feb 17	Feb 18 President's Day	Feb 19	Feb 20 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Feb 21 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR. 7:30pm PARS MEETING Puget Power Bldg. Bellevue	Feb 22  Washington's Birthday	Feb 23