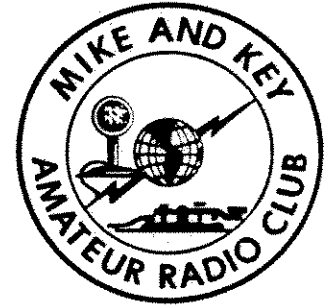


K7LED RELAY



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

VOLUME 18

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NUMBER 9

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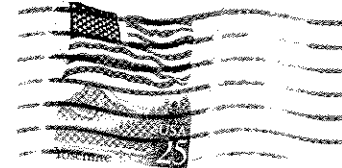
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RELAY DEADLINE 2 OCTOBER 1990

REPEATER FREQUENCY
52.05 - 53.05
146.22 - 146.82
224.12

CHECK MAILING LABEL FOR
RENEWAL DATE FOR CLUB DUES!



First Class

BOARD MEETS

FIRST TUESDAY
OF EACH MONTH

CLUB MEETING
Third Saturday
of Each Month

15 SEPTEMBER 1990

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

91/01

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

Breakfast 0730

Riverside Inn, Tukwila

COFFEE AND DONUTS WILL BE READY AT 0930

PRESIDENT'S CORNER

September, already!, three quarters of the year finished and so much still to do.

Hope everybody who came to the picnic enjoyed themselves, I did. Who ordered the weather? Sure glad that got straightened out after only one downpour. Julian, you did a fine job and I'm glad someone else cooked the burgers, for once.

In the realm of long-range planning, September is when we start getting organized for the Flea Market. See elsewhere in this RELAY for details.

Also, in this RELAY, is information regarding upcoming Mike & Key Novice Classes. If you know of anyone in the south end interested in getting their Novice, send them our way.

Now for something serious...Last month, we couldn't vote in several potential members because we didn't have a quorum. (Actually, I don't think we've had one since May.) In our club, 1/3 of the active membership must be present to transact any official business. Your board will have discussed this subject at the September Board meeting and will probably have a recommendation to offer. At that time you will be able to offer your comments. You will find MY opinions published in this RELAY.

ARRL NEWSLETTER

August 10, 1990

"ARRL Northwest Division Director William Shrader, W7QMU, has been named to the ARRL Planning Committee. The committee's make up, originally ARRL officers only, was recently broadened to allow inclusion of directors and vice directors. Vice President Rodney Staffor,

KB6ZV, chairs the committee, whose mission is to draft a recommended long-range plan for the league."

Bill's appointment to this key committee is significant in that he is at this time the ONLY DIRECTOR named to this important committee. I'm sure his previous experience as Section Manager of Oregon for 6 years, his previous experience as his accomplishments as vice director of the Northwest Division for 3 years, and his active participation in the last two board meetings contributed to his selection. It was with deep regret that after my recent heart attack and subsequent surgery, that I felt it was to the best interests of the division that I retire. I feel that his acceptance as a mover and shaker by the board has proven my confidence in his ability. W7RM

Remember that dues are \$ 12.00 per year. Please mail your dues to the Treasurer prior to the end of the month or pay at the regular club meeting.

NOVICE CLASSES

Did you know the Mike & Key ARC sponsors Novice classes? This year will be our 5th.

Our Novice classes are held at Highline Community College (HCC) in Des Moines, Thursday evenings at 7 PM. The first class this year will be October 4 and they continue until December 6.

The instructors are Jim, K7ND, and Mike, WA7UVJ. If you would like further information about the classes, call the Adult Continuing Education Dept. at HCC or myself at 854-4031. It should be an interesting year, again. uvj

USSR

Radio amateurs visiting the USSR has become a common activity over the past couple years. As our two countries have gradually warmed up in the diplomatic realm, amateur radio relationships are positively toasty. Friends who officially couldn't send mail between each other without drawing suspicion, are now visiting each other personally. This is the story of one such trip. One can only hope there will be thousands to follow.....

"GETTING THERE"

"Are we there yet?" After nine months of scrimping, study, and worry: that question wasn't as strange as it could be, boarding the plane for our journey to the Soviet Union. It was only last Fall when the invitations arrived. After successfully hosting a team from the Western Washington DX Club that past July, the Zilan DX Club wanted to do it a second time and volunteers were being solicited. Following a hasty discussion with the XYL regarding finances, I placed my name in the hat with the other "wanna-be's".

The following months seemed to pass by slowly. Looking back, it was a blur. There was overtime to be worked and the Russian language to study; paperwork had to be processed and gifts purchased. In May, members of the Zilan Club paid a reciprocal visit to the state of Washington and our appetites were wetted further. Following that, time accelerated. Then finally, after packing five times the day before, and enduring a sleepless night, departure time was here. Only twelve hours away was Moscow, first stop in a three week adventure called the U.S.S.R.

"Are we there yet?", it wasn't a silly question at all.

Ever been to Moscow? Let me tell you one thing about Moscow, it's BIG. I came to this realization after an hour of travelling across the city in a stuffed mini-van. The airport was in the north, our host for the evening was in the south; and we weren't there yet!

Our destination was the flat of Damir, UA3ABW. Damir was one of the visitors to Washington in May and was to be our host, with others, for the time we would spend in Moscow. In those two days, we played "tourist on the run", seeing Red Square, GUM, the Kremlin, METRO, and the infamous Box 88. In addition, while visiting the Central Radio Club, we managed to meet several of the hams travelling to Seattle for the Goodwill Games Radiosport contest.

In the end, we did very little in the way of Amateur Radio in Moscow. The equipment at Damir's wasn't operational, and we were still recovering from the trip over. However, we now had our first taste of Soviet society and were ready for our main destination, KAZAN!!

Next Month

"KAZAN"

or

"HOW TO SURVIVE TEN
HOSPITALITIES, WITHOUT REALLY
TRYING"

BOARD MEETINGS ARE OPEN TO ANY MEMBER. WE MEET AT 7:30 PM ON THE FIRST TUESDAY OF THE MONTH AT THE OMNI RESTAURANT LOCATED JUST WEST OF I-5 AT SO. 188TH STREET EXIT. SEE YA THERE
DE: THE BOARD

MORE NOVICE CLASSES

September 26, 1990 at 6:30 our fall quarter NOVICE/TECHNICIAN class will start. This class will run for 10 weeks, meeting every Wednesday night from 6:30 to 9:00 PM in the ELECTRONICS CLASSROOM at Sno-Isle Skills Center.

Theory, good operations practices, FCC rules and regulations will be taught plus Hands-On-Training and on-air operations from our ham shack. The students will build a CPO (code practice oscillator) taken from ARRL's "TUNE IN THE WORLD WITH HAM RADIO".

Morse code (Element A1A) will be taught to 7 words per minute. At the completion of the ten weeks of instruction, all elements of the FCC Amateur exams will be administered.

Three Continuing Education Units will be issued through ARRL.

For more information, call:
MUKILTEO COMMUNITY SCHOOLS, 356-1214 or Larry R. Luchi, W7KZE, 348-2234.

PUBLIC SERVICE ORGANIZATIONS

As the Assistant State Director for Washington Army MARS, I have some first-hand experience on how difficult it is for ANY of the Amateur Public Service activities to fill their ranks with able and willing volunteers. Often, I wonder, why is this? Certainly with the Ham population that we have in Washington, and in Seattle in particular, having a respectable number of willing 'hands' to fill the rolls should be a simple matter, indeed. But, it is not. Nor does "preaching" at Club members make much sense. It is the Club members who are the active ones anyway. It is

those Hams who do not belong to any club, and, indeed, in most cases feel no obligation whatsoever to the Public as a whole, that we need to reach. So, how do we reach these people? This will be my topic here for the next couple of RELAY editions.

Since I am well acquainted with MARS, Army MARS in particular, I will start with a brief (I promise) overview of the MARS program. MARS, contrary to popular belief, is not an alternate traffic handling system to NTS. Quite the contrary. MARS would more closely parallel RACES with one major exception: MARS' primary concern is with the Dept. of Defense. While MARS members do spend a majority of their time on MARS frequencies handling traffic, technically this is for training purposes. Hopefully, that is all it will ever be. But if MARS is ever needed in earnest, it will be ready.

As with all Public Service Organizations, there are requirements and rewards for membership. On the requirement side, there IS a commitment to make. You are expected to participate a minimum number of hours per quarter, adhere to military procedures and file the required reports.

On the benefit side, you are eligible to take correspondence courses in a wide variety of subjects, have access to surplus equipment, and can take part in social events of the particular MARS service you are affiliated with. Not to mention, the satisfaction of serving your neighbors in a very real way.

But, in a time when everyone seems to be hung-up on not having their style "cramped", and thinking that making commitments is passe, most Public Service Groups have trouble getting as many members as they would like. In my next article, a look at this phenomenon. 73 Allan, WV7R

MY 2 CENTS

Way back when, in the olden days, when I was just a lad.....

I hate stories like that. Just because something was done one way, once before, doesn't always mean it's right for now. Then, again, maybe some of the old ways are better?

For example, way back when, we required that a person applying for membership in this club attend three out of four meetings. While not a foolproof way of ensuring that an applicant was serious about joining, it required some thought about the actual process.

Here is our problem.....Our constitution requires that 1/3 of the membership be present to transact official business (2/3 to change the constitution). This is protection that keeps a small group from controlling the clubs operation. Last month, and in some previous months, we didn't have the required membership to transact business.

Within the last couple years our membership has grown tremendously, with many people attracted by the 2 meter repeater. Many of these newcomers feel obligated to support the repeater by joining the club even though they may have no real interest in the club or its activities. Many

repeater groups operate in this fashion and it's a commendable act to support the equipment you are using. Unfortunately, a good portion of these supporters never even return to pick up their certificates.

The end result.....? We have a large membership, but only the same numbers attending the monthly meetings. (and pretty much the same people.)

Now, this isn't the only reason for not having a quorum. There are seasonal variations in our attendance. (After all, it's hard to get to a meeting when summer is here.) Also, work schedules change, interest waxes and wanes, and frankly, some of our programs the past year, STUNK.

However, I think our chances are gonna be better if we accept members who had to make an effort to join, even a small effort. Some members are talking about requiring a minimum attendance throughout the year, every year, but I think that may be a little drastic (for now). And don't forget, the Board still has much latitude to waive requirements for special cases.

To wrap this up, I will press for a resumption of tighter application requirements at the September Board meeting. The Board will make it's recommendations at the September Club meeting. uvj

"Ham Members" of Mike & Key:
I am looking for a Clean
Hallicrafter RCVR, Model SX-
101A. Will pay \$175-200.00
for a good SX-101A. Please
let me know if anyone has one.
Thanks, John Davis, W7IMM,
564-3997, in Tacoma.

FLEA MARKET

The Mike & Key Flea Market is still 6 months away, but the planning starts NOW. We will hold the first organizational meeting at the home of Mike, KA7CSE, on Wednesday, September 26, 7:30 PM. Mike lives in Renton and his address and phone number are on the front of this RELAY.

At this meeting we will critique last year's event, look for chairpersons, and discuss new ideas for this year (1991). (If past experience holds, we'll gain a couple pounds, too).

Needless to say, this event requires many helpers and your participation is paramount, whether you be a veteran or neophyte. Help make this the biggest northwest electronics flea market ever! uvj

TEKTRONS "FOX HUNT"

The summer quickly got away from us, but we won't let that stop the plans to organize a "fox hunt" in the near future. A group of TEKTRON HAMS are scheming on ways and means to pull it off and you're invited to a meeting at Sno-Isle Skills Center that will be held on Saturday, September 15 at 10:00 a.m.

The meeting will include the following agenda:

1. Present a copy of the rules for the hunt.
2. Explain an "easy-build" inexpensive RDF rig.
3. With luck, have an example of the rig on hand.

Depending on the interest, we also plan to have another meeting on September 15 that will be a "workshop" for people interested in testing and tuning their RDF rigs.

Currently, the actual hunt is scheduled for Saturday, October 6. We will assemble at Sno-Isle at 10:00 a.m. with the hunt starting at 11:00. Please note this will be a "bunny hunt" and the rules will be set up so beginners have an equal chance. Rumor has it that Larry Luchi, W7KXE, might be conned into donating a meter of some sort for the winner. We're also planning a picnic at Legion Park (or a potluck at Sno-Isle if the weather clamps down) after the competition.

Plans for future events include timed rallies, moving targets and maybe even moving frequencies (with clues, of course), so please plan to join us on September 15 and give us your ideas. And pass this information along to any HAMS that may not have gotten the word.

Information: 353-8810

Thanks, and we hope to see you at the meeting. 73 Vern Gustafson, N7OGB

M&K PICNIC OF A SLOSH IN THE PARK

Rain it did, but a picnic we had!! Julian, you did a fantastic job at Cougar Mountain Park. Those hamburgers and hot dogs hit the spot. Not to mention, the good time we had visiting with friends, playing games, and....getting wet and cold. Diane, XYL of WA7UVJ, had the best answer...her special rain gear!! What a great idea - head and arm holes in a garbage sack. I must put one in the trunk of the car.

The salads, hot dishes and desserts were second to none. Boy! You XYLS really know how to put it together. There was food everywhere and plenty left over. Hats off to all the cooks.

The kids had fun, too. There were ball games, kites (the wind forgot to show up), water balloons, walks on the trails, and just plain sitting around.

For those who missed this event, I'm sure sorry you did. You missed a great time. Hope you will make the next one.

By the way, Julian, KA7MCB, did you ever get dry and warm after you cooked all those hamburgers?
jpw

DE The ARRL LETTER

August 24, 1990

NETS GET MORE TIME TO RESOLVE DISPUTE

The Federal Communications Commission has granted several nets operating on the 20-meter band more time to resolve their on-going disputes.

The FCC entered the 20-meter dispute late last year when it sent letters to 19 net and bulletin station managers (including WLAW, which is not involved). A second FCC letter to nine of the managers asked them to come up with a plan to resolve the disputes, which have been occurring for some time.

Responses from five of the managers were received by the July 1 deadline.

FCC's Robert H. McNamara, chief of the Commission's Special Services Branch, wrote on August 9:

"The Commission has received five individual plans addressing the underlying causes of

unproductive on-the-air disputes that were taking place on the 20 meter amateur service band. It is obvious that the amateur community desires that the disputes be resolved amicably and that potentially restrictive rule making be avoided. It appears, moreover, that there has been progress in resolving the disputes.

"The plans recommend" the FCC letter continues "that the amateur community be allowed to continue addressing this problem internally. Interest in this approach as a model for future dispute resolution in the amateur community has also been expressed by other observers.

"Because rule making could limit the flexibility that amateur operators now enjoy, it is important that you succeed in this activity. I believe that the requested extension of time is warranted. Correspondence from other amateur service licensees indicates that they, too, are interested in assisting with the development on the amateur community's plan. Therefore, I am extending until February 1, 1991, the date for you and other interested amateur service licensees to develop the joint plan."

The League maintains that the disputes - involving three sticking points - are resolvable by enforcement of existing FCC regulations:

One-way broadcasts, if they go beyond accepted norms for such transmissions on the amateur bands, are illegal;

Third-party traffic, which is allowed only when a formal agreement exists between countries;

Malicious interference, which is illegal always.

THREATS BRING AMATEUR'S ARREST

On August 2, FBI agents assisted by FCC investigators arrested Anthony V. Marcantonio, KA2ZGE, of Queens, NY, and seized 20 pieces of his radio transmitting equipment. FCC earlier had responded to complaints that Marcantonio was "interfering with amateur radio communications by transmitting unidentified disruptive signals on the two-meter amateur radio band," according to the FCC.

"On July 27, FCC investigators, using direction finding equipment, traced the signal to the Marcantonio home," FCC said. "The investigators discussed the situation with a family member who then shut the transmitter off. The transmissions resumed that evening and continued into the next day." It was then, according to FCC, that Marcantonio made death threats over the radio against an FCC investigator.

Marcantonio was charged with making threats by radio, a felony carrying a penalty of up to five years in prison, a \$250,000 fine, or both. A federal judge set Marcantonio's bond at \$50,000 following a hearing. (FCC public notice, Aug. 14, 1990.)

MINUTES SEPTEMBER BOARD MEETING

The meeting was called to order by Chairman of the Board Mike, KA7CSE at 7:30 PM at the Omni Restaurant.

Present: Mike, KA7CSE; Mike, WA7UVJ; Ralph, WX7T; Frank, KA7QHG; Julian, KA7MCB; Mary, W7QGP; Brian, KF7QF. Excused: Darlene, N7NCC. Absent: Ted, N0YC; Ken, K7YR. Visitors: Joyce, N7JPW, Chuck, WA7EBH; Jack, KB7ZS; Ray, WA7EKH; Gene, WA7TAI; Carl, W7PRW.

REPORTS: Treasurer - \$7500.00 in the bank. The picnic was \$28.00 over budget. It was moved, seconded and passed to cover the expenditure from the Treasury. The Field Day was \$100.00 under budget. Moved, seconded and passed to spend the extra money to fix the generator.

Vice President - No new applications, no business. Trustee, Frank - Article about M&K in the Valley News regarding books presented to libraries. Still trying to get books to Redmond and Bellevue Libraries. Difficult to meet with librarians when they are on vacation.

Activity Manager - Picnic was a success. Program for September still to be determined.

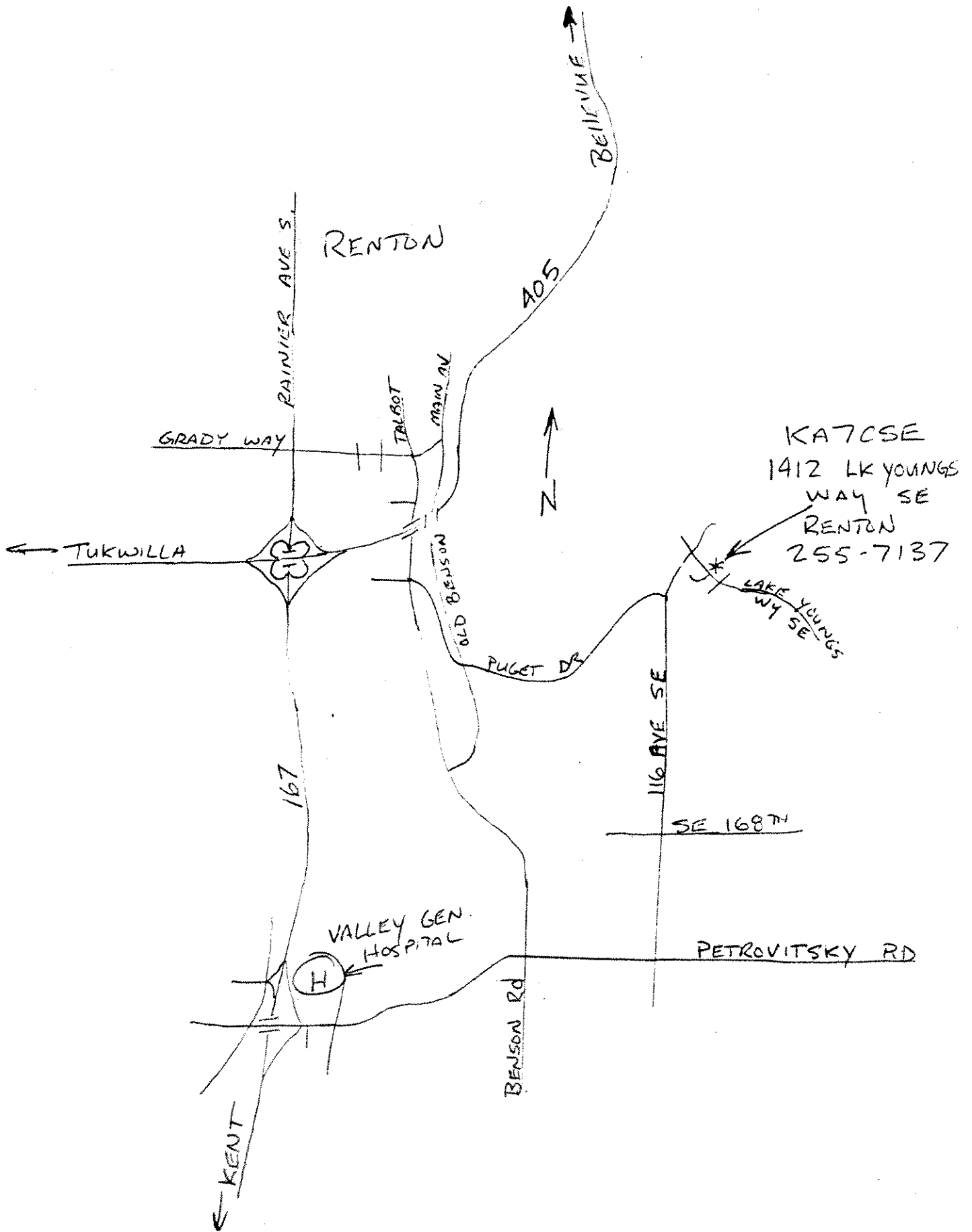
Trustee, Mary - the 145.33 intruder identified - patience and thanks to helpers. Video to come on Goodwill Games radio activity.

Trustee, Brian - No Business. C.O.B., Mike - First Flea Market meeting at CSE's house, 9/26/90 at 7:30 PM.

President, Mike - Novice class starts 10/04/90, Highline Community College. Going to Radio Club of Tacoma 10/10/90 to present FD award.

The rest of the meeting devoted to discussion about tightening up membership requirements. Pres. Mike to report to club on ideas, suggestions and recommendations at the regular Club meeting 9/15/90. Meeting adjourned at 9:15 PM.

SUPPORT YOUR CLUB-ATTEND THE MEETINGS. NEXT MEETING IS ON SEPTEMBER 15 AT 10:00 AM. DOORS OPEN AT 9:30 FOR COFFEE AND DONUTS AND EYE-BALL OSO. BE THERE OR BE TALKED ABOUT - hi hi



KATCSE
1412 LK YOUNGS
WAY SE
RENTON
255-7137

VALLEY GEN.
HOSPITAL
(H)

1990

September 9 - October 20

SEPTEMBER AND OCTOBER EVENTS

1990

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Sept 9	Sept 10	Sept 11	Sept 12 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Sept 13 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR.	Sept 14	Sept 15 7:30am Breakfast at Riverside 10:00am CLUB MEETING in Tukwila 1:00pm VE EXAMS at Good Neighbors Center
Sept 16	Sept 17	Sept 18	Sept 19 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Sept 20 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR. 7:30pm PARS RADIO CLUB Rosh Hashanah	Sept 21	Sept 22
Sept 23 Autumn begins	Sept 24	Sept 25	Sept 26 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Sept 27 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR.	Sept 28	Sept 29 1:00pm FORT FLAGLER RESERVATI- ONS FOR BARRICKS Yom Kippur
Sept 30	Oct 1	Oct 2 7:30pm Board Meeting OMNI RESTRAUNT **RELAY DEADLINE FOR NEXT ISSUE**	Oct 3 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Oct 4 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR. 7:30pm ISSAQUAH RADIO CLUB MEETING	Oct 5	Oct 6 8:00am CAMANO ISLAND HAM BREAKFAST
Oct 7	Oct 8 Columbus Day (Observed) Thanksgiving Day (Canada)	Oct 9	Oct 10 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Oct 11 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR.	Oct 12	Oct 13
Oct 14	Oct 15	Oct 16	Oct 17 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Oct 18 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR. 7:30pm PARS RADIO CLUB	Oct 19	Oct 20 7:30am Breakfast at Riverside 10:00am CLUB MEETING in Tukwila 1:00pm VE EXAMS at Good Neighbors Center

Contact Editor for additions

9/6/1990