

K7LED

RELAY

AN
ARRL
AFFILIATED
CLUB

NEAR SEATTLE, WASHINGTON

VOLUME 13

SEPTEMBER 1985

NUMBER 9

CLUB OFFICERS

President	Charles Stroehrer	WA7EBH	Trustee No. 1	Jimmy Sutton	WA7LNQ
Vice President	Gene Jacobson	WA7TAI	Trustee No. 2	John Rehnstrom	WA7HQG
Secretary	Warren Nixon	K7MRH	Trustee No. 3	Jim Christiansen	K7ND
Treasurer	Mike Cross	WB7AYU	Trustee No. 4	Hal Goodell	N7NW
Activity Mgr	Pati Sutton	WB7VJA	Trustee No. 5	Dick Dietsch	W7KCX

CLUB RADIO OFFICER: KEN RAU, K7YR

The K7LED RELAY is the Official Publication of the MIKE and KEY AMATEUR RADIO CLUB, 5430 Lake Alice Rd SE, Fall City, WA. 98024. The Club meets the third Saturday of each month at 10am in "The Good Neighbor Center", 305 S 43rd St. Renton, Wa. All "Hams" invited.

The MIKE and KEY net meets each Sunday morning at 10am on 3930 kHz with Novice and CW check-in on 3730 kHz and VHF on 146.58 MHz and K7LED/R 52.37-53.37 MHz.

K7LED RELAY EDITOR
13517 117th Ave NE
Kirkland, WA. 98034



First Class

REPEATER FREQUENCY

52.37-53.37

222.52

224.12

BOARD MEETING

*OCT 9TH @
1930
WA7TAI QTH*

CLUB MEETS:

**UGN CENTER
RENTON 10:00**

PETE HEDBERG K7WTG
20904 NE 77TH ST
REDMOND
WA 98053

ACTIVITY EVENING

*OCT 31ST at ANDY'S DINER
IN TUKWILLA - BE THERE
AT 1830 HOURS - SEE PAGE 10*

Here are the names, addresses and phone numbers of the Club Officials. See front of Relay for position.

CHARLES STROEHER, WA7EBH
13614 SE 43rd St.
Bellevue, Wa. 98006
Phone 747-7833

JIMMY SUTTON, WA7LNO
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Phone 885-6559

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5430 Lake Alice RD SE
Fall City, Wa. 98024
Phone 222-7711

EDITOR
RAY E LESLIE, WA7EKH
Phone 821-4188

GENERAL MEETING AUG. 17, 1985

Meeting called to order at 10am with thirteen (13) present.

President: Comments on Sundaya net & etc.

V.P. Not Present

Sec: No correspondence to report.

Trea: Balance \$4,252.24

Act. Mgr. Not Present

Radio Off: Not Present

Picnic: Site not definite.

Repeater: Unit received by N7NW and cavity, antenna & etc. are on order. WA7LNO will have temporary installation of the 220 repeater at his QTH.

Ivan Lee: N7IL - reports on exams being held on the third Saturday at 1pm at the Evergreen Building in Renton. Also new classes for Technician and General will begin Sept. 19. Contact Ivan for details. 242-6501.

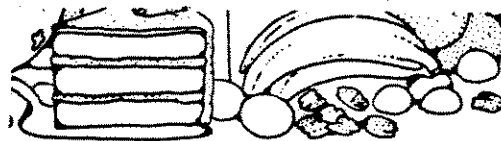
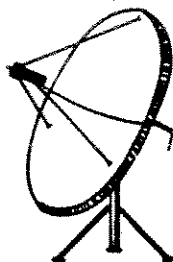
KCAR is promoting interclub visitations, video tape of ham activity and other ham related matters. A member suggests clubs involved donate monies to KCAR to cover mailing costs and etc.

Meeting adjourned at 1030am.

NEWSPAPERS + + + + +

Here we go again!!! The price of used newspapers are down again, like \$20.00 a ton, that makes it one cent a pound. So lets all try extra hard and save all we can and bring them to the next Club meeting.

There isn't very much money in the Ladies Banquet fund at this time due to not a very good showing in the newspaper department and the price being down, so, lets all get in the spirit - we need your help!! --WA7EKH--



WACKY CAKE -- Corinne Christiansen
(Quick & Easy)

1 1/2 C sifted flour	6 Tbsp veg oil
1 C sugar	1 Tbsp w vinegar
3 Tbsp cocoa	1 tsp vanilla
1 tsp bkg soda	1 C water
1 tsp salt	Heat oven to 350 degrees

Sift flour, bkg soda, sugar, cocoa and salt into 9" cake pan. Make 3 dents in the dry mixture with back of spoon. Pour oil in one, vinegar in 2nd dent and vanilla into 3rd. Pour water over all - stir with a fork till mixture is well blended,. Bake for 35 - 40 minutes -- cool and frost.

***** SUMMARY OF THE ARRL LETTER FROM *****
+++ June 8, 1985 to August 15, 1985 +++

June 6, 1985 -- The FCC seizes more illegal CB equipment in Mullbury, OH and Monteagle, TN. The US Marshals and FCC field engineers raided two stores and seized over \$18,000.00 worth of external power amplifiers etc. The owners face a \$10,000.00 fine and one year in the slammer.

FCC proposes to allow F2A in the 10 meter repeater subband 29.5 to 29.7. This would allow repeaters to identify.

Canadian Amateur sued in RFI case. Someone claimed his 20 meter transmissions repeatedly turned on a microwave oven and interfered with the sound from an electronic organ.

Orange County Hams win exemption from \$1200 tower fee. Hams are exempt from the 1200 dollar fee unless they exceed 70 feet in height. All others that want an antenna more than 10 feet above a building have to pay the \$1200.00. The Hams got together and talked against this ordinance and won.

Three cordless phone manufactures were fined \$2,000.00 each for repeated sale of cordless phones that failed to meet the FCC's radiated power limitations.

SEATTLE FCC OFFICE has moved. New Address: One Newport, Suite 414, 3605 132nd Avenue SE, Bellevue, WA 98006, tel. 764-3324.

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June 20, 1985 -- The FCC proposed to allow VEC to maintain their own question pools to create exams for amateur licenses. This is presently done by the FCC and VEC's choose questions from the FCC pool.

US Extra Class operators are authorized to use frequencies 1269.05 to 1269.85 MHz for satellite uplink purposes. This operation is called Mode L.

Someone is after the segment 216 to 220 MHz for something other than Amateur Radio.

There are job openings at ARRL. If anyone is interested suggest they contact ARRL Hq.

Life time license is available to those of you who hold a valid First Class, Second Class, or General Radiotelephone Operator

License. This is a one year program and will terminate on Dec 31, 1985. If you hold one of the above license suggest you check into this.

+++++

July 4, 1985 -- The FCC proposes to allow automatic control of all amateur stations above 29.5 MHz. Somehow or other this involves third-party traffic.

FCC has proposed to allow US licensed amateurs in the Caribbean Insular Areas to operate phone in the band segment 7075 to 7100 kHz. Amateurs in Alaska and Hawaii have this privilege now. This would allow amateurs in the Caribbean to operate on emergency nets. The League suggests that some restrictions be placed on these frequencies.

The proposal filed by Harry Lewis, W7JWJ, was rejected by the FCC. The FCC said they had enough volunteers now to administer exams without creating more.

Patrick Coker, KA6ZVP of Canyon County, CA. fought and won a case of ATC Cablevision interference. He filed a report with the FCC and the FCC investigation found that the cable was the fault. The Cable Co. said that a child's tampering was the cause and they fixed it.

K6KPS has been fined \$2,000.00 for broadcasting in the Amateur Bands.

FCC has extended Mode L operation to all amateurs above Novice Class. This mode was previously limited to Extra Class only.

The FCC wants to expand the frequency of the anti-theft device the stores use. They now use 2, 4.5 and 8.2 MHz, they want to use any frequency from 1.6 to 10 MHz.

Cable can not use frequencies assigned to aeronautical use.

+++++

July 18, 1985 -- FCC has proposed to allow auxiliary operation on all amateur frequencies other than 431-433 and 435-438 MHz. Presently this operation is restricted to above 220.5 MHz. Auxiliary operation is primarily used for remote control link purposes. Restricting auxiliary operation to

frequencies above 220.5 MHz has precluded the use of remote control devices, including simplex autopatches, on the 2 meter band. Adoption of the NPRM as proposed would permit simpatch use on any amateur frequency. QCWA states that "the technological state of the art has made restrictions on auxiliary operation unnecessary".

Only Extras may administer General Code Tests.

Serious RFI problems could develop with VCR due to poor shielding, plastic cases, etc. RF can be picked-up by the playback head due to the above. The prices of VCR are due to drop for Christmas and that will make them affordable to the ham's neighbors.

FCC found that a computer used by Comp-Art was causing TVI and they fined Comp-Art \$3000.00 for this. This was back on the east coast. Comp-Art was warned but failed to clean up their computer.

Criminal complaints were filed against three individuals accused of making illegal Amateur Radio transmissions. This could lead to one year in prison and \$10,000.00 fine.

\$750.00 fine levied for illegal CB operation, too much power causing TVI.

"The Osacar Group" using 6930 kHz was fined \$1,000.00. They were a net of unlicensed radio operators.

Looks like Japan will launch a Amateur satellite in early 1986.

Six Meter Sporadic E opened up on July 2 starting about 2230 UTC. This was an East Coast operation and they worked into Ireland and UK.

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August 1, 1985 -- The ARRL had a Board meeting that involved things that affect us Hams, but it was too lengthy to list here.

Amateur Radio provided critical communications in the recent California fires. Hundred of amateurs were involved at base camps, evacuation centers National Guard helicopters, fire lines...using VHF, UHF and packet radio to do the job.

The UK is about to let their amateurs use 50-50.5 MHz. In the past there had to be a 28-50 MHz cross band link.

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August 15, 1985 -- A long-awaited reciprocal operating agreement between the United States and Japan was signed in Tokyo on August 8, 1985, to take effect September 7. More information on this later.

902-960 MHz is available to Technician Class licenses and above effective 0001 UTC September 28, 1985. Use of this band is on a non-interference basis, Amateur activity is secondary. All kinds of emission may be used. 902-928 is restricted at the White Sands Missile Range. It would be wise to check further before you use these Freqs.

There is a restriction on the use of 420-430 MHz. We here in the Seattle area are in the restricted area. Check with FCC or someone in the know before you use these frequencies.

VEC's meet with FCC in Gettysburg to get the latest on the program.

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---that's 30 for the summary---

Sometimes it's hard to end a QSO

We all have our own methods, but here are a few ideas submitted by little Georgie Myers, KA6WZR:

The XYL just came in and said last call for dinner or she throws it out... hi hi... so gess I btr QRT now...

There is a thunderstorm heading my way and I don't want to take a lightning strike so will CUL...

Just got a phone call from old school buddy I hav not heard fm in 15 years...

XYL needs me to help her unload car full of groceries so btr go es give her a hand... hi hi...

Wow 2 car collision in front of my house and I have to go see if anybody is hurt...

Well it's time for my daily meeting with the guys on the 2-meter net...

The XYL sez it's time to come to bed or she locks the bedroom dor hi.

Well I btr go es let the puppy out into the yard so will CUL...

—Overmodulation, Poinsetta ARC □

TO: All King County Amateur Radio Clubs known to KCAR.

1. Another productive meeting at the DogHouse on 8 August. For your future calendar here are the scheduled meeting dates for the next 6 months: Sep. 12, Oct. 10, Nov. 14, Dec 12, Jan. 9, & Feb. 13. 6-8PM in W-7 room. Your club representative should attend.
2. The KCAR sponsored shuttle contact with WØORE/Challenger was to a degree successful. We managed to show much video tape to the Cerebral Palsy Center and expose them to the world of ham radio. Unfortunately, the shuttle, its work load, and flight path just did not cooperate and we were unable to make an actual contact for the CP Center. But there are a number of patients who are very interested in becoming Ham Radio Operators. WB7OEV will make the contacts with the administration to work out possible details. More later. Should be a challenge to any club to take up this instructional task.
3. FCC asked for help to identify the locations of anti-pilferage devices in the Seattle area retail stores. They need the info for work on NPRM 4427 which addresses the QRM possibilities caused by such devices. Several shopping malls will be checked for possible QRM on 2.0, 4.5, & 8.2 MHz. Info will be sent to FCC by 20 August on our findings.
4. Check page 7 of WORLD RADIO for Aug. 1985. A story about Los Angeles Area Council of Amateur Radio Clubs. The information and their approach is certainly familiar and sounds like KCAR. Let KCAR know what YOUR opinion is on the thoughts expressed in the article.
5. On 17 July on 145.755 MHz a strange signal of foreign voices was heard. Turned out to be the Taiwan freighter "Everlinking" docking in Seattle at pier 26. Left the next am at 4 with more ship coordination on 2 meters. The FCC has a tape recording of the transmissions and will be following up on this violation.
6. Finally, if this bulletin is NOT going to the right person in your club, please let Gib, W7JIE, 226-4222, know who you want to receive the mailings. No use mailing it to the wrong people. Do you want more KCAR news? Local items of interest? What would you like to see in these bulletins? Do you want "fillers" for your own club paper? Let KCAR know what you desire & we'll try to provide it.

See you Sept. 12.

73 de KCAR.

NOTE: WASHINGTON STATE HAMS!! The following calls have been found to have an error in the QTH (City spelled wrong, no such city, spacing, etc.) The information was taken from the ARRL Call Directory which was printed from official FCC records. FCC advises that errors are those which appeared in the original 610 form YOU submitted & can only be corrected by another 610! If your call is listed, check your license & if there is an error it is UP TO YOU TO SEND IN A CORRECTED 610 FORM TO GETTYSBURG!!

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N7FSU	KA7STE	WA7OJM	KA7EYO	W7LLI	KA7MBM	KA7THY
WA7IEL	N7FQF	KA7OAK	KA7MER	KA7TEP	W7DMN	WA7WGN
KA7IEE	W7UFD	KA7SXL	KD7DNQ	W7OPA	N7DYB	N7FCE
W7EGY	K7RJZ	WDOEJB	K7OEU	KA7BLP	W7PLF	KD7HC
KA7OJM	N7AYC	WA7VPH	KA7SIA	AF7N	WA7LOO	W9IZO
KA7JRI	K7CTM	KA7IWV	WA7OUD	W7NMR	KC7TG	W7EJI
WB7AQB	KA7LLY	WB7BXM	KA7LXY	KA7HJA	W7OFV	KA7NEH
KA7GCK	W7SPA	KA7ARQ	KA7MPE	W7EVL	W7FOO	W7BBE
W7IKI	KA7AIN	K7JXR	W7KPU	WA7ZYO	WA7RJT	KA7MBR
W6TLL	W7BQF	W7AQJ	WB7QLM	KA7SZS	WB7BXM	KA7TDC
KA7GJG	WB7ASD	KA7OBL	W7HPO	KA7MKW	WA7OEZ	N7BXL
KA7CWH	KA7KOP	KA7FXF	WB7TPA	WB7EIR	KA7SVN	W7WQE
W7TXS	WA7YRE	KA7MNE	WB7EG	KA7SZK	WB7DVM	KA7LXY
KA7GEW	KA7NIA	KA7NHZ	AF7Q	NA7Q	WA7DDT	WB7NIL
KA7PAZ	KA7KHE	KA7JCV	KA7LZH	KA7IEJ	KA7RDI	WB7EGL
N7FDY	KA7SON	K7COU	W7INE	WA7ESX	K8KGM	K7MWL

(See part 97.43 & 97.47 for rules governing QTH & advice to FCC.).

FOR SALE - FOR SALE - FOR SALE

TELETYPE MODEL 40/2. A commercial ASCII terminal. Compatible with any BBS, Compu-Serve, Easy-Link, MCI-Mail, etc. TELEX or TWX terminal with remote control. 110-9600 baud. Prints 300 lines per minute (chain printing). With 2 keyboards (1 is spare), 2 CRT's (both operating), 2 printers (both operating), controller, hubber, mag tape system with 150,000 character cartridge serial storage. Many instruction manuals, drawings & prints. Spare print chain, extra mag tape cartridges, plus other items. Compatible with any Bell modem such as 202, 212, etc. Original cost over \$20,000 selling for \$750.00. You furnish the modem & it's ready to run!! GIB, W7JIE
206-226-4222 evenings.

2r write 1215 N 28 Pl., Renton, Wash. 98056

***** REPEATER NEWS *****

Progress is being made and we anticipate having the club 220 repeater on from WA7LNG's QTH by the 21st of September. The duplexer has arrived from TX-RX and the Station Master antenna was shipped from Celwave on the 9th. The repeater arrived from Micro Control Speciatiea but had to be returned for repair. It should be back by the 16th. We plan on operating the repeater from WA7LNG's QTH for about two weeks to insure no further problems. The repeater input frequency is 222.52 Mhz and the transmit frequency is 224.12 Mhz. Crystals can be obtained from Northwest Crystal locally for about \$30 per pair.

I wish to thank Mike, WA7UWJ, and Jack, KB7ZS, for their donations at hamfair. I raised \$130, including my own donations, and was able to purchase a real nice rack for \$65. Further donations will be accepted for selling at our fleamarket in March. Please make the items sellable, no boat anchors please.

Hal, N7NW

DON'T FORGET THAT THE CHRISTMAS PARTY IS COMING UP IN THE FIRST WEEK OF DECEMBER. SURE WOULD BE NICE IF WE COULD GET ALL OF THE CLUB OUT FOR THIS ONE. REALLY IT IS NOT THAT PAINFUL AND I KNOW THAT YOU WILL ENJOY IT.

ALSO NOW IS THE TIME TO GET READY FOR THE "M&K FLEAMARKET". LOTS OF HELP WILL BE NEEDED AND THIS ISN'T A PROGRAM PUT ON BY JUST A FEW OF THE CLUB MEMBERS!! EVERYONE IS ENCOURAGED TO PITCH IN AND HELP AND EVERYONE IS EXPECTED TO HELP. THERE IS A LOT OF WORK AND PLANNING EXPENDED TO PUT THIS ON.

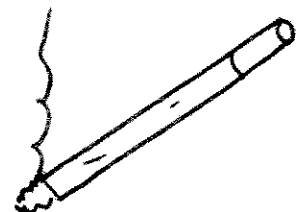
A LITTLE BIT FURTHER DOWN THE LINE -- THERE WILL BE AN ELECTION OF OFFICERS IN THE MONTH OF MARCH - SO - NOW IS THE TIME TO START THINKING ABOUT WHO YOU WANT IN OFFICE FOR THE NEXT YEAR.

As a matter of interest to all, I now have a subscription to WORLD RADIO of which I will, from time to time, extract items for reprint in our news letter. Such as:

Amateur operator license totals, by class, at the end of June 1985, were: Extra 37,214; Advanced 97,383; General 116,595; Technician 81,688; Novice 76,188; Total 409,068

X ————— X ————— X

PLEASE
NO SMOKING
DURING CLUB MEETING



ALASKA -- WA7EKH

I guess most of you know by now that my XYL and I took a 60 day vacation and went to Alaska. Fine trip, if you ask me I'll tell you about it.

I know lots of you would like a vacation like that but your time will come sooner or later - you have to be retired first!! Yes, my XYL and I had a marvelous time, thank you. Who knows, we may go again next year for 3 1/2 months.

I brought up a lot of repeaters in Canada - British Columbia and Yukon Territory. Those Canadians just don't seem to want to talk with a "WA". I had only one contact and that was with the owner of the repeater in Whitehorse. There are only 8 Hams in Whitehorse - I talked to one and met one. These guys will talk among themselves but don't seem to want to talk with a stranger.

While in Alaska I happened on the Field Day site of the MOOSEHORN ARC. The site was on a bluff overlooking Cooks Inlet a few miles south of the town of Kenai. There were about 8 or 10 Hams there and I met most of them. I got there just as they were closing down so the excitement was over except for taking down all the antennas. This Club has a trailer dedicated to their communications activity.

I used a few repeaters in Alaska with no problem talking to someone. The Hams and natives seem friendly.

I had made prior plans to be in contact with Arnold, W7JWP, on 7125 CW. I tried this several times but I guess the propagation just doesn't let Alaska get through to Washington. I heard 9's, 5' 6's but no Arnold. Oh, well, I had fun!! - Ray, WA7EHK

THANKS
FOR
NOT SMOKING

NOTES OF INTEREST + = + = +

It seems no matter where I go I find someone I know. While in Chelan we ran across Dick, W7KCX and his wife. Pete, K7WTG and Jimmy, WA7LNQ and I were on a trip to Winthrop and I found someone else I knew. You get to see a real live shoot-out in the street.

Something I hope I never see again is a fire like the one in Chelan. It looked like someone was plowing a field, but seconds later the whole hillside was on fire. Chris, WA7RJW, who works for the local radio station, immediately jumped in a truck and went up to the area to report on the fire. We watched the fire come across the hill, down and up again, smoke billowing out never knowing how far down it would come. If the winds had picked up the town of Chelan would have been in trouble. Chris looked like a spotted red leopard. He was hit by the fire retardant from the airplane. We watched as the helicopter dipped in to the lake to pickup water and dump it on the fire. Several hours later Chris came down, he inhaled to much smoke as there was not much oxygen left.

We sat during dinner watching all of the hot spots on the hillsides. It was something else to see. I hope I never see it again. It will take 3 years before that will renew itself.. We all had fun anyway.

WB7VJA

CHECK YOUR LICENSE
EXPIRATION DATE

The paid-up membership to the Mike and Key Amateur Radio Club now stands at 65. One member will be dropped from the roll unless he pays his dues this meeting. One other member's dues is due and I think he will respond.

As all of you should know by now, the dues has been increased to \$10.00 per year starting June 1985. Most of this dues money is used up in the publication and mailing of the RELAY, especially now that postage is \$0.22 each. That eats into the money pretty fast.

Goldwater at HAMCON

Excerpts from Senator Barry Goldwater's [K7UGA] speech at the Southwestern Division Convention

"We should ask ourselves questions about Amateur Radio, and I think the questions have to have answers. The answers are going to have to come from today's amateurs and the young ones and the old ones we want to bring in.

"Where is Amateur Radio going when we're not quite filling the gaps? We're not bringing in enough new Novices, enough new amateurs. What can we do?

"I'm going to say some things to you that some of you will disagree with — some violently, some not so violently. But these thoughts come to someone who has spent over 60 years of his life in communications, and I'm very interested in maintaining the status of the Amateur Radio operator.

"Stop and think about it. I won't make this as a front-out statement, but I'll make a small bet that Amateur Radio operators have given more to the science of communications in this country than the so-called experts, those people who have been trained in the subject. Think back to the great contributions amateurs have made to communications, and then think ahead to what we're faced with today, and what kind of answers we're going to have to come up with.

"I don't mind telling you that in the conference we held between the House and the Senate on Armed Services questions, one of the biggest arguments came up over the subject of 'can we communicate? Can the Navy communicate with the air, their surface ships and their submarines? Can the Air Force communicate with the Navy? Can the Army communicate with both of them?

"You know what the answer is. NO! Isn't that a sad commentary on this nation that supposedly leads the world in technology, and particularly in the field of communications, when we find ourselves tied up with the inability to talk with each other?

"Part of the answer is in politics. Part of the answer is in new people coming along to tell us your new ideas, then develop the new ideas, new circuits and so forth.

"I don't like the way we're not able to attract young people or older people to the amateur ranks. I very vehemently fought the no-code proposition when it came up. I have a strong feeling against going away with the code, but you'll have to go through this again. So you older people, you middle-aged ones, you XYLs — give it some thought.

"What's your alternative? What else might we do? Well, we might make more communication facilities available to the



Senator Barry Goldwater, K7UGA, banquet speaker at the ARRL Southwestern Division convention.

Novice and we might give them a small segment of a band here and a small segment of a band there. Let them practice voice and use some of the new communications systems that we older people can enjoy any time we want.

"In other words, make it possible for the Novices to get their fingers, to get their eyes and ears on some of the modern equipment. I think that when you bring that interest to them and develop an interest in the Novice, that might make them want to learn the code. After all, 5 wpm is not very difficult.

"These things about which I've been speaking to you tonight come from a lifelong amateur. And I think the time has come when we have to give this more than just cursory thinking.

"I think the FCC is waiting for suggestions from the ARRL, and we have to keep in mind that the League represents us. We have to work through them, and they have to work through us. We don't put them up there just to be figureheads; we put them up there to see that things go right for the amateur.

"I can tell you from having served as Chairman of the Communications Subcommittee for many years that the Chairman of the FCC is very kindly disposed toward Amateur Radio. He's very easy to work with, and when I get back to Washington, I intend to speak with him about some of the things I've been thinking and some of the things I heard here.

"I think the manufacturers in this country are entitled to some consideration from all of us, and I think the day of homemade equipment is pretty well in the past. The complicated circuitry today, the type of equipment we're asked to build and asked to maintain, has become very difficult for the average person and even the average amateur to undertake.

"We're going to see more store-bought stations than homemade stations. If we're going to keep some of these manufacturers in business, I think we have to begin to encourage the expansion of Novice privileges.

"But if we don't do something, and do it soon, I'm afraid you're going to see Amateur Radio go down the tubes. Some of the people who are getting along in years aren't going to be here forever. I'd like to see some kids come along.

"I never looked on Amateur Radio strictly as a hobby — I've looked on it as a service. I don't think there's an operator in this room who can look back at his time of service and not remember something they did on the air — maybe to save a life, to make a life better, to make somebody happier. These are the things we are so interested in.

"Hobby? Yes, it's a hobby, but it's a service. I think each one of us has a feeling in his heart that this service is more important to each of us than anything else about Amateur Radio.

"What can we do to make Amateur Radio better? What can we do to make the whole subject of communications in this country better? What can we do to make it live forever?" □

*****PICNIC*****PICNIC*****PICNIC*****PICNIC*****PICNIC*****

**** ANNOUNCING ****

THE MIKE AND KEY ARC ANNUAL PICNIC

SUNDAY SEPT. 22ND

10 AM TILL ?????

BURGERS AND DOGS PROVIDED BY CLUB

BRING YOUR OWN: DRINKS, SALADS, CHIPS, AND OTHER CONDIMENTS

*** PLAN TO EAT AROUND 1 PM. ***

GAMES: CATCH, HORSESHOES, VOLLEYBALL, BADMITTON, FRISBEE TOSS, AND MONEY/CANDY STRAW SEARCH FOR KIDS BY AGE GROUP.

LOCATION PROVIDED BY PAT SHINNERS, W7VIH, IS WOODED WITH STREAM, PICNIC TABLES, HORSESHOE PIT, VOLLEYBALL/BADMITTON AREA. GO EAST OF HIGHWAY 18 ON KENT-KANGLEY TO 208TH AND TAKE A RIGHT, THEN FOLLOW SIGNS. MAP WILL BE IN THE SEPT. RELAY.

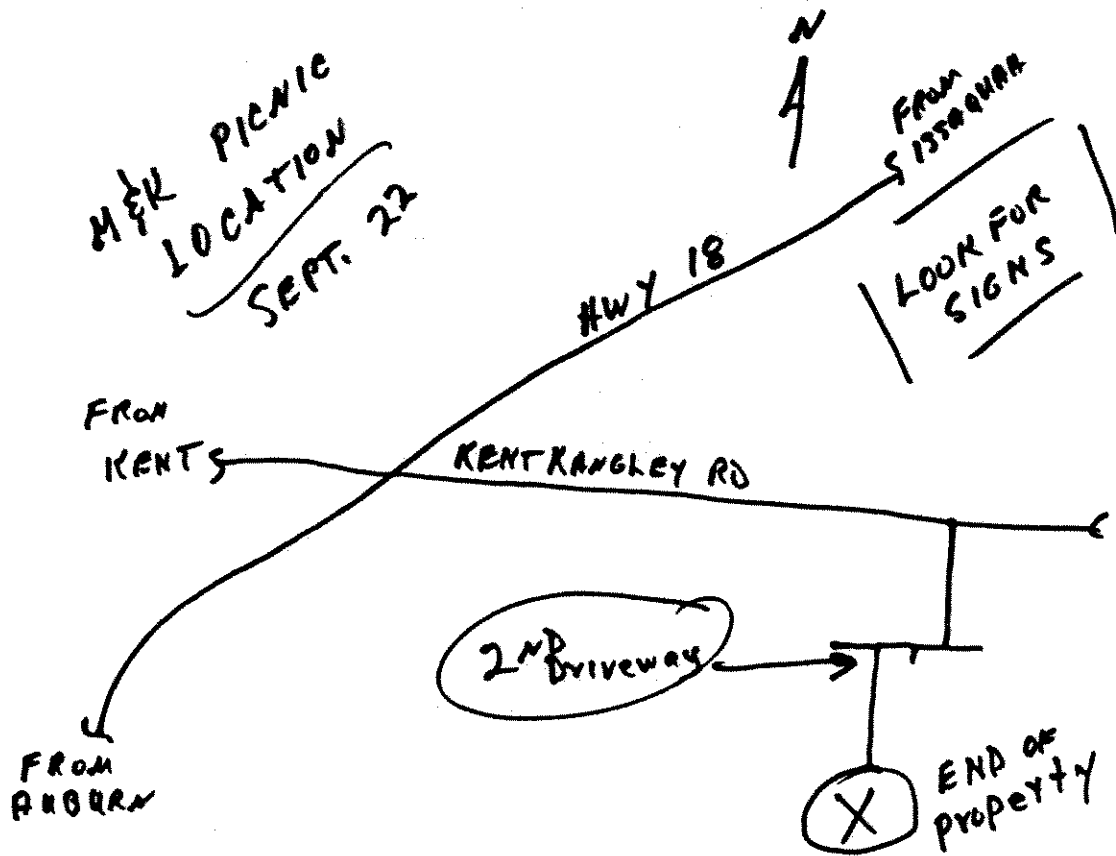
PLEASE CONTACT HAL GOODELL, 927-7603 OR PATTI SUTTON, 927-7088 SO WE CAN DETERMINE THE NUMBER WHO PLAN TO ATTEND. WE NEED A COUNT BY WEDNESDAY, 9/18.

I wish to appoligize to the club and especially to the activity chairperson, Patti, for the mix up in the picnic date and place. Through procrastination and a lack of communication on my part the date and place for the picnic has had to be changed twice. Even though the date is late in the month I hope we have a good turn out. I know we will have a good time as we always do.

**** SEE YOU THERE **** BE THERE OR BE SQUARE!! ****

HAL, N7NW

*****PICNIC*****PICNIC*****PICNIC*****PICNIC*****PICNIC*****



THEY'LL DO IT EVERY TIME

