

K7LED RELAY



The RELAY is the official tabloid of the Mike and Key Amateur Radio Club. The Mike and Key is dedicated to the growth and betterment of Amateur Radio. We meet the third Saturday of every month at the Salvation Army Renton HQ,

720 Tolbin St., near the SE corner of the Renton Airport. The Club operates repeaters on 52.05-53.05, 146.22-146.82, and 222.52-224.12 under the call K7LED. The following nets meet on 146.82: Club Net, Wednesdays at 7:30PM; Public Service Net, Thursdays at 7PM. The Club mailing address is: PO BOX 2121, Kirkland, WA 98083. All persons interested in Amateur Radio are invited to participate in the Mike and Key Amateur Radio Club and it's activities.

Volume 20

September 1992

NUMBER 9

PRESIDENT	- Chuck Stroether, WA7EBH	Tel:392-5303	TRUSTEE #1	- Ralph Shumacher, WX7T	Tel:232-8053
VICE-PRESIDENT	- Nils Hallstrom, WB7TJK	Tel:242-8271	TRUSTEE #2	- Carolyn Pasquire, WV7Q	Tel:862-1157
SECRETARY	- Lee Bertrand, KG7OW	Tel:897-8486	TRUSTEE #3	- Wayne Moddison, K6DOW	Tel:271-5314
TREASURER	- Jack Burrell, KB7ZS	Tel:454-3617	TRUSTEE #4	- Dean Holtan, N7NKO	Tel:242-6715
ACTIVITY MNGR	- Chuck Benefiel, N7STR	Tel:279-1517	TRUSTEE #5	- Julian Williams, KA7MCB	Tel:772-5729
RADIO OFFICER	- Ken Rau, K7YR	Tel:222-7711	EDITOR	- Michael Dinkelman, WA7UVJ	Tel:854-4031

RELAY EDITOR
MICHAEL DINKELMAN
637 2ND AVE S
KENT WA 98032

NEXT BOARD MEETING

Oct 6 7:30PM
Omni Restaurant
188th So, City of SeaTac

NEXT BREAKFAST

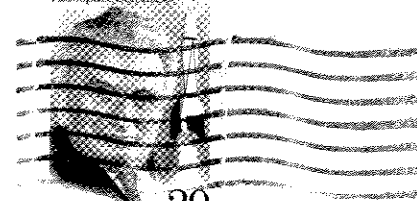
Sept 19 @ 7:30AM
Riverside Inn
14060 Interurban So, Tukwila

NEXT CLUB MEETING

Sept 19 @ 10AM
Salvation Army Renton HQ
720 Tobin St, Renton
Doors open at 9:30
Program - Military Affiliate Radio System (MARS) by WV7R



Theodore
vonKármán
Aerospace Scientist



USA 29

FIRST CLASS MAIL

K7WTG 93/01
HEDBERG, PETE
20904 NE 77TH ST
REDMOND WA 98053



SALMON RUN - SEPT 26, 27

THE PREZ SAYS

Submitted by Chuck, WA7EBH



Well it seems that the Summer months are growing to a close; the days are getting shorter, kids returning to school and Hams out getting their antennas ready for the winter. Yep, summer's growing to a close.

Looking back a few months, we've had a great time in this club; the public service events, field day, picnic, ham breakfasts, informal get togethers, good times with good friends. Well don't think that all the fun has gone for the year, we still have the Christmas party in 3 months, and the great "ELECTRONICS SHOW AND FLEA MARKET" in 6 months, Banquet in 7 months and then field day in 9 months. All of these events need your input and help.

We have a volunteer for the Christmas party chairman, Wayne KB7OTS at 228-2058. Please give him a call and offer your help in this great event; after all, he can't do it alone.

I've been approached by several people that said that they might be interested in being the Field Day chairman, if no one else wants it. But there is still time for you to volunteer at the September meeting. There is a contingent of club members going up to attend the Fort Flagler ELC annual meeting on October 3.

We still need a Banquet Chairperson. Remember even though it is still 8 months away we need to reserve a location, and get firm prices on a menu or whatever. Besides, if you are chairperson, you get to pick your favorite spot.

The ARRL Books are in and will be labeled and distributed sometime this month. Jim WA7PMT has been doing a great job on this project.

Well enough of my ramblings for this month. I hope to see everyone at the club meeting. 73

FROM THE VP

Submitted by Nils, WB7TJK

The badge order has been placed and should arrive soon. An order for Mike & Key Jackets and T-shirts is also ready to be placed but money need to be collected before this can be done. Typically, the jackets are \$30 each and the shirts are \$10. Please remit the necessary funds at the next meeting if possible and ensure that you have picked the right size and color you desire. This may be the last chance to pick up a jacket or shirt for the next 6 months or longer.

TREASURER'S REPORT, SEPT 92

Submitted by Jack, KB7ZS



The Financial report for the month includes receipts and expenditures as noted below (Interest income not available at press time):

INCOME/EXPENSE

INCOME

Club badges	6.00
Dues	102.00
Raffle Profit	33.00
TOTAL	\$ 141.00

EXPENSE

Field Day	36.30
Relay	175.85
Public Relations	480.00
Equipment	725.00
TOTAL	\$ 1417.15

EXCESS/DEFICIT \$-1276.15

All requests for checks should be presented, in writing, at the next general or board meeting. Please include your call on all requests, and checks when paying your dues.

FALL ACTIVITIES REPORT

Submitted by Chuck, N7STR



The following are programs and Club Activities planned for the next several months. As always, we can use any good ideas and leads for future programs.

September - The Club program will be a presentation by Al/WV7R on the Military Affiliated Radio Service (MARS). As mentioned previously, please bring a picture of your radio shack to this meeting also.

October - The Club program will be a video presentation What are those crazy sounding Signals?. Also in October, WV7Q is planning a bowling party for a late October Friday evening. Stay tuned for more information.

November - The Club program will be a presentation by members of the Long Range Planning Committee. They will present the results and findings from the survey they gave last Spring.

CLUB PICNIC REPORT

Submitted by Chuck, N7STR

The Club picnic, held on Saturday - August 22, was a rousing success as the attendance was excellent (with over 70 persons), the weather cooperative, and the food a gastronomical delight. Our compliments to the "Chef", Julian/KA7MCB, on the best Ribs this connoisseur of ribs has ever tasted. Like the chef, most of us wore the sauce home on the fronts of our shirts with great pride. Let us not forget the potluck dishes brought in by the guests as they were fabulous also.

To work off all this excellent food, a rabbit hunt was held. Derrick/N7UIW was the elusive prey and kept everybody busy hunting for 2 hours. Thanks Derrick for a great job of hiding. Others found strenuous exercise in throwing lawn darts, tossing beach balls, and the ever popular "table sitting with ragchew" event. Again, my thanks to all who made it an excellent event and a picnic to remember for all who participated.

CQ MIKE & KEY MEMBERS

Submitted by Jack, KB7ZS

Since there has been considerable talk about amending the constitution & bylaws I wish to put forward a thought from my point of view: As it now stands we operate on a fiscal year starting 1 April; a time we close the books, elect new officers, and do what else is necessary to get another club year underway.

Since there is no way we can properly close and audit the club records it is my suggestion that the MIKE & KEY ACCOUNTING year be changed to coincide with the calendar year. I also believe that since we will (sooner or later) fall within the IRS reporting requirements it would simplify things at that time.

As it stands now, major problems are encountered because of the complications the Flea Market creates during this time frame. Most of the revenue and expenses happen in March, the bank statement cannot be reconciled until April, and to have an audit of the yearly books prior to that time really makes no sense to me.

Making this change will not affect the officer elections, banquet or other events that now take place in the Spring. It would only affect the treasurer's office and reports from it. It would in effect, allow the new officers to have a complete, accurate, and audited accounting of the prior year and a clean start for their term of office. Since this is more a personal thought I am getting it before the Club and will certainly carry it to the committee assigned the job of amendment. I think it should take place by the end 1992. 73



FOR SALE

IC-471A, 440 all Mode
IC-551D, 6M all mode w/PS20

WINDS ARE 'ACHANGING

Submitted by Michael, WA7UVJ

(Compiled from QST, ARRL LETTER, NW DIVISION COMMUNICATOR)

For those who have had their heads in the sand lately, the FCC has been busy lately. There are proposals to amend Part 97, bring Novice testing under the VE system, and automatic operation for HF packet BBS's appears doomed. You may wish to grab your handy copy of the September QST and bone up on the issues. You may want to write a couple letters too if you are so moved.

On a more interesting note, I think the FCC is gonna try and settle the national debt all by itself. Have you seen the fines being levied lately? WOW! Anyway, it would be wise to rethink some of the lax attitudes many of us may have towards the rules and regulations and the rouges who have been running amuck the past few years may just wanna settle down a bit.

Also on the regulatory side, a bill has been introduced in Congress to allow for allocation of special call signs. Introduced in the House Telecommunications and Finance Subcommittee, I don't know if the bill supports reassigning unused call signs to licensed individuals or if it just applies to special events. (Maybe I'll finally get that 1x2 call I so richly deserve hihi). Either way, it'll cost you, as this program would have to be self supporting and that means money.

Finally, the FCC took away some of my hard won Extra Class privileges the other day. I guess any licensed Ham can now control an amateur radio space station. This is something I am really gonna miss and I feel totally depressed about it. After all, why be an Extra if any Novice, Tech, or General can have their own satellite? Heck, what is this world coming to anyway? (hihi).

You can get more information on any of these subjects by browsing through the above mentioned pieces of literature. Sometimes it's dry reading, but it pays to be informed.

FOR SALE

- Sony TC-377 stereo tape deck with lots of new and used tapes. manual etc. \$100

-Accu-Memory electronic keyer with 8 buffers, clock, speed control, and readout. Full tech manual. \$50

- Pair of Allegro 2000 stereo speakers. Triple cones with woofer, tweeter, and midrange. 40 watts RMS. Both for \$50

=====

All items - Gib, W7JIE, 226-4222

FLEA MARKET COMMITTEE

Submitted by Michael, WA7UVJ

The September Flea Market Committee meeting was held September 3rd at the home of Chuck and Joyce Stroehner. Main topics for discussion were a review of the chairperson assignments, flyers, and cost assessment. Chairperson assignments that have changed since last month are the registration duties that have been assumed by Diane and Michael Dinkelman with Ray continuing on as advising mentor and the facilities liaison position has been picked up by Hal Goodell.

The flyer is in its last stages of revision as should be available by the middle of September. Several issues, mostly fairground rulings that tripped us up last year, remain outstanding until resolved by Hal.

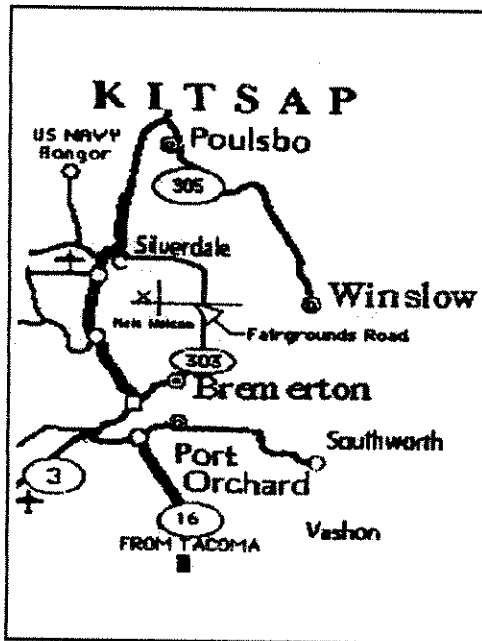
Signup sheets were made available for the first time during the August meeting. It is important to signup early as some positions are limited in requirements. Each Chairperson will be doing his/her own scheduling for this year's event. By the way, just in case there is ANY confusion, the date for this year's "Mike & Key Electronics Show and Fleamarket" is March 6th, 1993. While this will make the contesters unhappy (it falls on the ARRL DX contest weekend - SSB edition), our choices are limited.

Future meeting will continue to be held on the 1st Thursday of the month. Next month's meeting will be held again at the Stroehners home, October 1.

FALL FLEAMARKETS

Submitted by Michael, WA7UVJ

There will be a couple of chances to pick up any needed equipment or parts before we get socked in by the cold weather. The Radio Club of Tacoma and the North Kitsap ARC will both hold electronics swapmeets during October. Mark the ol' calendar and support these two organizations.



October 10, North Kitsap ARC

Where: Kitsap County Fairgrounds

Time : 9AM to 4PM

Admission: \$4 (age under 12 - free)

Tables: \$10 and \$15

Features:

- * ARRL Bookstore
- * Talk-in, AA7LP, 145.32(-)
- * Commercial Displays, Ham Gear
- * Consignment sales

Information: (206) 871-7099

NKARC

2196 California Ave E

Port Orchard, WA 98366

October 17, Radio Club of Tacoma

Where: Camp Murray south of Tacoma

Time : 9AM to 3PM

Admission: \$3 (age under 13 - free)

Tables: \$15 and \$40 (space limited)

Features:

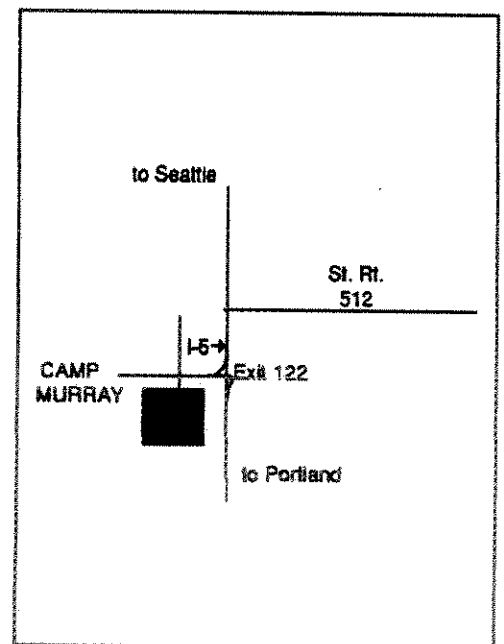
- * VE Testing at 10AM, walk-ins OK
- * Free Parking
- * Talk-in, W7DK, 147.38(+), 103.5 PL
- * Commercial Displays, Ham Gear, Computers

Information: (206) 862-8635, evenings

Radio Club of Tacoma

POB 11188

Tacoma, WA 98411



LA700
Leif Skaar

Editors Note: For those who missed it, we had a special guest in July - Leif, LA700. Visiting from Norway and being shown around town by Jim, WM7A, the Mike & Key made LA700 one of their own. Here is a letter from Leif after his return. Some post cards and a brochure will be available for viewing at the September Club meeting.

LEIF SKAAR
SYRE BOX 153
4281 SKUDENESHAVN
NORWAY

Mike & Key Amateur Radio Club

Dear Members

Skudeneshavn 160892

I would like to thank all of you for what you did for me at the club meeting July 18th, this summer. I sure was surprised to be elected a full member of the Mike & Key Club. A very special thanks to Jimmy, WM7A that took me to the meeting, and showed me around the area. Also thanks to those of you that took the time and did all for me. I appreciate it very much. I hope that I will be able to come back some day.

I have been listening on the bands for stations from the Seattle area, but so far, no luck. The propagation seems to be very poor.

The amateur radio club here on Karmoy Island (Karmoy Radio Club) is building a new club house down by the shore. There is also some small reefs that goes with the land, which is going to be a very good location for antennas. I will try to get some pictures of the place, and also some info about the club and mail it to you.

On a club meeting later this fall, I am going to tell all about my trip to Seattle and about my meeting with the Mike & Key Club.

I am sending some postcards showing my town and some info. Hope to get started with packet radio soon, but I have been very busy with other things.

The very best wishes to all members of the Mike & Key Radio Club that I met at the meeting. It is a great honor for me to be a member of the club.

Wishing good luck for the club, I will be looking for you on the bands.

78

LA700 *dy.*

NEW MEMBERS

Submitted by Michael, WA7UVJ

Please welcome the following two new members to the Mike & Key Amateur Radio Club. We hope they will be active and find the association mutually beneficial.

William Belk
(No Call)
4815 110th Ave Ct, East D
Puyallup, WA 98372

Jean Luebbert
N7YAU
439 157th SE
Bellevue, WA 98008

CLUB RESOURCE GUIDE

Submitted by Michael, WA7UVJ

Sometimes it is hard to know just who is in charge of what in this Club. We have so many people that take care of so many different functions, oldtimers and newcomers alike may be confused as to who should be assaulted. Take note of the following list and if they can't help or the need doesn't match the title, try your closest Board member. Also, if there is a vacancy, maybe you would consider filling it.

REPEATER COMMITTEE

- Ken Rau (K7YR)
- Jack Burrell (KB7ZS)
- Chuck Stroehrer (WA7EBH)

PUBLIC SERVICE

- Chuck Stroehrer (WA7EBH)
- Wayne Moddison (K6DOW)

VE EXAMS INFO

- Jim Christiansen (K7ND)
- Michael Dinkelman (WA7UVJ)

CHRISTMAS PARTY

- Wayne (KB7OTS)

ELECTIONS COMMITTEE

open

FIELD DAY CHAIRMAN

open

LONG RANGE PLANNING

- Rick Antes (KF7VG)
- Carolyn Pasquier (WV7Q)

NEWSLETTER

- Michael Dinkelman (WA7UVJ)

BADGES, JACKETS, T-SHIRTS

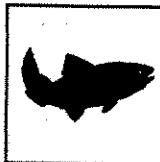
- Club Vice President
- Nils Halstrom (WB7TJK)

CLUB PROGRAMS

- Club Activity Manager
- Chuck Benefiel (N7STR)

WASHINGTON STATE SALMON RUN

Submitted by Michael, WA7UVJ



Last month I mentioned that Washington State Salmon Run. This is a State QSO Party contest sponsored by the Western Washington DX Club. I also mentioned that these contests (most states have one yearly) are not known for their high participation rates. The WWDXC, to raise interest, has initiated a unique award for the highest scoring participants - packages of Portluck Smoked Salmon. This contest will be held over the weekend of Sept 26-27 in two parts.

Being one of the largest and most active Clubs in the State, I feel it important the Mike & Key promote this contest within its own ranks and I outlined the rules last month. To provide a little incentive, I asked the Board to allocate \$50 in prizes for Mike & Key MEMBERS that participate and submit a log in this event. The prizes will be two \$25 gift certificates to Black Angus Restaurants. One prize will be given to the highest Novice/Technician entrant and one prize will be given to the highest General or above class entrant. (To avoid any conflict of interest, I have disqualified myself and will not be eligible for these awards although I intend to be active.)

I wrote up a synopsis of the rules last month so read the August RELAY if you are interested. I intend to have copies of the official rules, summary sheets, and log sheets available at the September meeting. These are also available at Amateur Radio Supply. Rules are also available in the September QST and CQ magazines. Note that this contest is only for HF operators so my apologies to the No-Code Technicians among us unless they wish to team up with a suitable licensed person.

How about it guys and gals? Maybe this LOW-KEY contest is just the break you were looking forward to as a taste in contesting. If you're good, you can get a taste of prime rib too. To enter, please send me a copy of the log you send to the WWDXC.

I WONDER IF IT COULD HAPPEN

Submitted by Gib, W7JIE

While watching the evening news on Channel 4, the "talking heads" were telling about the hurricane problems in the South; but they were really talking about Channel 4 gathering supplies for those folks down south. In their enthusiasm, one of them mentioned that "if you can't bring your contribution down to KOMO, call this number and we'll take your Visa or Mastercard".

This made me think (which is unusual and scary!!), just suppose the Mike & Key Club were to organize a group of two-meter mobiles into an organization willing to help any and all broadcast stations doing a Public Service/Emergency Help Broadcast. This group would provide a means for persons not able to travel to the sponsoring stations to contribute.

The requirements would be a two-meter repeater or simplex frequency with wide area coverage, a dispatcher located at the sponsoring station, and 3 or 4 "on duty" mobiles during the times the donations were being solicited. The dispatcher would make selected calls for, as an example, "anyone in the Renton area please?". Ol' Gib answers and dispatch says "go to 1215 North 28th place for a donation", and ol' Gib complies by driving over, making the pickup, and taking it and whatever else he has collected to KOMO or whoever else is doing the gig. (By doing this, Gib is making his own contribution to the plea.) Meanwhile, a call comes in from a little ol' lady in Ballard who wants to help but can't drive in to contribute. The dispatcher contacts a willing Ham in the Ballard area and off we go again.

Sound complicated? Not really. The whole expedition would be a Mike & Key contribution as well as for all the Hams that participated and whatta great advertisement for Amateur Radio. Think it over (we could do it), it just takes some loose organization and a few interested Hams. Are you game?

THE PICNIC

Submitted by Brian, KF7QF

Just another picnic? Not with the Mike & Key ARC. Seward Park was a great place to hold a picnic, or even a rabbit hunt! No we didn't have the horse shoe match, as we have in the past (I did bring my shoes!), but just as much fun was had trying to find Derrick, the wabbit deep in the forest. Eager hunters set out on the trail armed with their favorite 2m handy. Mark and I each had our secret weapons, he with a set of mini loops and a "S" meter and me with a BNC to PL259 adapter and a 2" piece of wire. No we weren't the first to find the rabbit, but we had fun trying.



Ah yes, the food! The food was delicious and plentiful. Julian's ribs were as advertised, melt in your mouth wonderful. In order to get a taste of everything, at least two if not three trips around the table were required and I was beginning to get the Thanksgiving or Christmas feeling! All of you that didn't come sure missed out on a good time. Julian and all that had a hand in getting it all together are to be commended. In addition, thanks to Julian for the great tunes, especially the jazz. CU all at the meeting and gud DX to ya! _ _ ... _ _ de Brian

THE GAP VERTICAL

Submitted by Brian, KF7QF

Ya know, a vertical antenna is said to be a vertically polarized, air cooled dummy load. Well I have one that performs as well as a beam and sometimes a little better. The first night it was on the air, the signals on 40M were louder than my vertical full wave loop at 50 ft.

The Gap is a 31 1/2 foot tall vertical that is all active on all bands. It is designed for ground mounting, and putting it up in the air does not help the performance. Three 25 ft counterpoise are used, but are only required for 40 and 75/80 meters. Since the antenna is about 1/4 wavelength on 40M, I found that more counterpoise lines, 8 in this case, improved the VSWR curve on this band to 2:1.

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Adding the extra counterpoise did not change the performance on any other band. On 75/80m you choose which part of the band (130 khz < 2:1) is to be used when the antenna is ordered, or in my case ordering the part for the portion of the band you prefer.

As I said before the antenna is all active on all bands due to the linear loading. Since band conditions of late have been poor, or I have been working, only 2 QSOs have resulted on 15M and none on 10M so far. On 20M, the results are very good as they have been on 40M. I am waiting for parts required on 80M and I'll let you know the results. So if you are looking for a good antenna that takes up little real estate, is not an air cooled vertical dummy load, and works on 2M, 6M, 10M, 12M, 15M 20M, 40M, and 75 or 80M, give this one a thought. Some called me crazy when I told them I traded a TH-3 (3 el yagi) for a vertical, but I have already started on a quad fer 10, 12, 15, 20 & 30M. (I am crazy, just ask my wife) CUL es hve fun! _ _ ... _ _ _ de KF7QF.

BOARD MEETING MINUTES 09/01/92

Submitted by Lee, KG7OW

Meeting was called to order at 7:33 PM by Chairman of the Board Ralph, WX7T. Officers present were: Chuck, WA7EBH; Nils, WB7TJK; Lee, KG7OW; Jack, KB7ZS; Ralph, WX7T; Chuck, W7STR; Carolyn, WV7Q; Dean, W7NKO; Wayne, K6DOW. Absent were Ken, K7YR and Julian, KA7MGB. Visitors were: Lew, W7QMP; Glenn, KA7YPQ; Jim, WA7FMT; Eric, N7DLV; Dan, N7QHC and his wife Dawn; Joyce, W7JPW; Michael, WA7UVJ.

Old Business: Jack, KB7ZS; Salvation Army agreed to store our electronic podium.

Nils, WB7TJK; Discussed color of ID Plates to place on club property.

New Business: Chuck, WA7EBH; Reminded everyone of the Flea Market meeting at 7:30 PM Thursday night at his place. Video tape will be shown.

Nils, WB7TJK: 4 applicants were presented for approval; Nick Carrigan, W7ZYA (T); Michael Carrigan, W7ZXZ (T); Kenneth Van Allen, N7ZWD (T); Peter W. Parsje, KG7OZ (A). All were approved to present to membership at the regular meeting.

Lee, KG7OW: Discussed the Tacoma Radio Club Flea Market coincide with our club meeting date.

Jack, KB7ZS: Club assets \$29,414.00. Will propose to the Constitutional Committee to change the Accounting year from what it is now to the Calendar Year.

Carolyn, WV7Q: Long Range Planning; Will let Rick, KP7VG present this. The result of the committee will be presented at the October meeting. Will be have a Long Range Planning Committee meeting at WV7Q's residence this Thursday at 7:00 PM.

Wayne, K6DOW: Nothing to report.

Dean, W7NKO: Discussed installing the backup repeater in place of the regular repeater. A long discussion followed. Jack, KB7ZS and Chuck, WA7EBH gave a report on the present repeater conditions. This again was a power supply failure. There isn't anything wrong with the repeater itself. Another repeater (Motorola) was given to Ken, K7YR and this is being looked at as being our primary repeater. The regular repeater should be back up next week with either the present power supply or an external power supply. Nils, WB7TJK; It was requested by a group on the 28.360 net who had a good discussion about the repeater that this be brought up to the board. All the points were discussed here tonight. Jack, KB7ZS: At one time or another we're going to have to make up our minds that this club will be an Amateur Radio Club or a Repeater Club.

Activities Manager: Chuck, W7STR; The picnic was a fabulous success. Julian did a great job with the Bar-B-Que ribs. Had a approximately 70 people in attendance. Derrick, N7UIM did a great job as being the rabbit for the rabbit hunt. We have programs through November. We have a Chairman for the Christmas party, name will be in the RBLAY. Still need a Chairman for the Banquet. A lot of families are attending these outings, not only the picnic but Field Day, etc.

Relay: Mike, WA7UVJ: Articles for the Relay should be in by Friday. Made a motion that the club supply (2) \$25.00 gift certificates to the highest scoring participating Mike and Key club members in the 1992 Washington State Salmon Run (WA State QSO Party). One being for Novice or Technician and the other for General class or above. This is to take place on 26th and 27th of this month. Motion second by Wayne, K6DOW. Motion carried.

Nils, WB7TJK: Was approached by Sharon York from ARS and asked if the club would be interested in sponsoring a two hour demonstration on SWR checks, what SWR is, etc. and also on the proper installation of PL 259 to coax. This would be from 6:00 to 8:00 January 29th 1993 at the store. This is just one of a series of things they're planning to have. This is suppose to be an on going thing for 1993. Motion was made and second in effect to the above. Motion carried.

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Dan, N7QHC: Presented a proposal for the club to donate \$1000.00 to Renton Salvation Army for disbursement to the Hurricane Andrew victims. The regular Board meeting was recessed from 8:50 PM to 8:55 PM to allow the Trustees to decide on a ruling on this proposals as this is not in the budget. The ruling of the Trustees were that this not be done, instead the Trustees propose that an official be invited to the club meeting and make an appeal to the members for personal donations. Ralph, WX7T will contact the Salvation Army.

Two Meter Net Coordinator, Frank, KA7QHG; Had a net on last Wednesday on the auxiliary repeater. The Repeater is a very vital part of the club. The net is alive and well. Will have a Field Day critique immediately after the next club meeting.

ARRL Book Committee Chairman: Jim, WA7PMT; The books are in and will be distributed within the next few weeks.

Constitution Committee: John, W7HIL; Will be meeting with the attorney concerning the changes in the by laws and constitution.

The meeting was adjourned at 9:05 PM by Ralph, WX7T.

GENERAL MEETING MINUTES, 08/15/92

Submitted by Lee, KG7OW

The meeting was called to order at 10:00 AM by President, Chuck, WA7EBH followed by the Pledge of Allegiance and introduction of members and visitors. Present were 51 members and 4 visitors.

Report of Officers:

Vice President: Nils, WB7TJK: 2 candidates for membership; William F. Belk, No Call; Jean M. Lubbert, N7YAU; Both candidates voted in as members.

Secretary: Lee, KG7OW; No report.

Motion was made and second to approve the minutes as published in the RELAY. Motion carried.

Treasurer: Jack, KB7ZS; Loss for the month \$51.00 due to the expenses for the RELAY and the club picnic. Question came up as to why the club shows a loss. Reason: The only fund raiser we have is the Flea Market. The rest of the time the treasure goes down. Total club assets is \$30,290.00. \$18,000.00 in CDs and \$400.00 in checking account. These books are open for any one to look at. Received the Fort Flagler application for Barracks use and have sent it back and will be attending a meeting in Fort Flagler on the 3rd of October.

President: Chuck, WA7EBH; New members and those members whose dues have expired, please see Jack, KB7ZS. Dues are \$12.00 per year per person or \$18.00 per family.

Activities Manager: Chuck, N7STR; Picnic all set for Saturday August 22, 1992 at Seward Park on Lake Washington. Take your Hand Held along, we're planning to have a rabbit hunt. If you have pictures of your Ham station please bring them in to Chuck, N7STR. Drawings: All funds goes back to the drawing fund.

Picnic Committee Chairman: Julian, KA7MCB; Explained the route to the Park. Picnic discussion followed. For those of you who want to help, we'll start setting up around 9:00 AM.

Radio Officer: Ken, K7YR; The 2 meter repeater is still going on tone squelch 1st September. There is business communication and/or bordering on business communications on the 2 meter repeater, letters will be sent out to those individuals. The 2 meter repeater was turned off last Saturday because of harassment. The voice printing equipment is on the repeater to find out who this individual is.

Mary, W7QGP: The person responsible for interference last year on many of the repeaters and especially on the 145.33 has been served noticed of a \$10,000.00 fine. There are between 400 to 600 new licenses being issued monthly to youths under the age of 18 years old.

Public Service Committee: Chuck, WA7EBH; Wayne K7DOW was not able to make the meeting this AM. Next Saturday we have the Auburn Parade, meeting time 9:30 AM, Frequency will be 146.58.

Long Range Planning Committee: Carolyn, WV7Q; Have a meeting next Thursday at WV7Q, 7:00.

By Laws Committee: Ray, WA7EKH absent. Chuck WA7EBH; Anyone having proposed changes for the by laws or constitution committee, write these down and turn them in to Ray.

Relay Editor: Mike, WA7UVJ had to leave early.

Net Coordinator: Frank, KA7QHG; Recognized Wayne, KB7OTS as a new net controller for the Wednesday night 2 meter net. Discussion followed on the net functions. As of this time we will now limit the net controller to the five that we have. Ken, K7YR stated that there is a youth group that meets on 145.33. Frank stated there is also a youth group that meets on 28.370. If any one is interested in getting something like this going, let Frank, KA7QHG know. N7NKO, last month's recipient of the alligator award made the alligator presentation to KB7JWN for the month of August.

Harry, W7JWJ; Discussed the FCC fines.

Flea Market: Chuck, WA7EBH; The first Flea Market meeting was held at Chuck's, WA7EBH on Sept 3rd., 10 members were in attendance. The meetings will continue to held at this same location every 1st Thursday of the month.

- General Minutes continued -

Short discussion followed, explaining new rules and regulation imposed on us by the Fair Grounds Committee. A motion was made by Monte, W7EVS and seconded to change the name of the Mike and Key Flea Market to the Mike and Key Club Electronic Show and Flea Market. Motion carried.

Chuck, WA7EBH: Looking for chairman to head up the Christmas Party. Also need a Banquet Chairman.

Field Day Chairman: Frank, KA7QHG; Everything was sent in, we'll have to wait until November when the results are published, discussion followed on our standings. If anyone is interested in setting up a CW station for Field Day see Frank. 20 meter and 15 CW will probably be available next year. Field Day critique will be held immediately after the next General meeting. We will need a Field Day Chairman for next year.

ARRL Report: Mary, W7QGP: N7 calls are all used, General calls will now be KB7. The 610 forms have been changed. ARRL membership discussed, dues, etc. HF Packet unattended stations came into being in 1989. This is not going to be renewed. In 1993 the unattended Packet stations will be gone. Commercial stations are again after some of the Amateur frequencies. Chuck, WA7EBH: Discussed which companies were after what frequencies.

ARRL Books Committee Chairman: Jim WA7PMT not able to be here today; Chuck, WA7EBH: Books are on order and will be distributed as per article in the RELAY.

Chuck, WA7EBH: Mike Hansen, KC7MX voted in by the Board as Most Valuable Field Day Person.

Carl, W7PRW: World Radio and QST are still listing the meeting place for the club at the old meeting place. WA7EBH will handle.

Jimmy, WM7A: Thanked the club for the warm welcome and hospitality given to last month's visitor, Leif, LA700.

Tom, N7VDU: Asked for ideas on Amateur Radio displays for the libraries.

Harry, W7JWJ: Radio Classes will start at Seattle Community College (Sandpoint Annex) on September 29, 1992. Chuck, WA7EBH: Need help on the 911 committee for Eastside, call WA7EKN or WA7EBH. For those that helped out at the Seafair Parade. Received favorable comments from the Parade Marshal, Police Department, Fire Department that this was the best communication and the best group of people they had ever worked with. Nils is taking orders for badges, jackets, tee shirts, etc.

Nils, WB7TJK: Have blank ID cards (wallet size) in his possession, those of you who do not have one please let Nils know.

Mike, KB7JNN: Propose giving power to the Board to do whatever it takes to make the club meeting shorter. WA7EBH; goals are to keep the meetings under an hour. Would appreciate if all announcements are kept brief.

Carolyn, WV7Q; don't know how we could keep the meetings shorter, all we had this morning is announcements and hardly any discussions.

Break taken at 11:12 AM. Resumed at 11:25 AM.

Ken, K7YR: Gave presentation as to how repeaters operate, with and without tone squelch and installation of tone squelch. Programmed at 12:15 PM.

Activities Chairman: Chuck, N7STR held drawings; 3 gift certificates and 2 books. Books donated by Carolyn, WV7Q.

Meeting adjourned by Chuck, WA7EBH at 12:25 PM.

EDITOR'S NOTES

Submitted by Michael, WA7UVJ





Six months, 1/2 year, 180 days, or however you wanna say it; time sure flies fast when your having fun. This is my 6th edition of the RELAY and I gotta say, it has been a blast. I had a lot of fear and trepidation when I started but the confidence and praise that many have bestowed upon me (undeservedly) has helped to keep my fingers flying and eased the midnight trips to Kinko's each month. Best of all, I have a had lot of help from others willing to send in articles and subject themselves to my whimsical editing. I would name you all, but my space is limited - you know who you are.

As the Fall and Winter start rolling in, Amateur Radio activity increases as well. Contesting takes off, DX rolls in, and because the rain starts falling - antennas get built. (The only good antenna is one made in the rain) As one of the largest and certainly the most active Club in the State, I would think there is a lotta 'stuff' going on that the rest of us would like to hear about. How about the new rig country, or award? Did you upgrade, play Elmer, or teach a class? How about construction, tried out some new software, or just discovered a new mode?

You don't need to be a writer, just jot down some notes if you're uncomfortable with your literary efforts (I'll be happy to fix 'em up). If you like writing, that's even better; send me a manuscript. If you have a 'puter, that's fantastic; I can take 5.25" or 3.5" disks. Any way you do it, please write. It is YOUR newsletter. 73

September 13 - October 24, 1992

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Sept 13 1600 SSB Sprint	Sept 14	Sept 15 1900 VE Exams - Auburn (NK7E)	Sept 16 1930 Club Net on 146.82 Repeater	Sept 17 1900 Public Service Net 1930 PARS Meeting	Sept 18 1900 VE Exams - Seattle (NN7V)	Sept 19 0730 Club Breakfast 1000 Club Meeting 1300 VE Exams
Sept 20	Sept 21 1930 Vashon Island ARC	Sept 22 <i>Autumn begins</i>	Sept 23 1930 Club Net on 146.82 Repeater 1930 Radio Club Tacoma	Sept 24 1900 Public Service Net	Sept 25	Sept 26 <div style="border: 1px solid black; padding: 2px; text-align: center;">Salmon Run</div>
Sept 27 <div style="border: 1px solid black; padding: 2px; text-align: center;">Salmon Run</div>	Sept 28  <i>Rosh Hashanah</i> 1900 West Wash ATV Society	Sept 29	Sept 30 1930 Club Net on 146.82 Repeater	Oct 1 1900 Public Service Net	Oct 2	Oct 3 1000 Boeing ARC Meeting 1300 VE Exams - Kent (KF7VG)
Oct 4	Oct 5	Oct 6 1930 Club Board Meeting	Oct 7 Yom Kippur 1930 Club Net on 146.82 Repeater 1930 Issaquah ARC Meeting	Oct 8 1900 Public Service Net 1900 VE Exams - Lynnwood (KF7QF)	Oct 9	Oct 10 0800 SeaTac Repeater Group 0900 North Kitsap Electronics Fleamarket 1000 VE Exams - Riverside Inn 1300 NAPRA Meeting
Oct 11	Oct 12  <i>Columbus Day (Observed)</i>	Oct 13 1930 WWDXC Meeting	Oct 14 1930 Club Net on 146.82 Repeater 1930 Radio Club Tacoma	Oct 15 1900 Public Service Net 1930 PARS Meeting	Oct 16 1900 VE Exams - Seattle (NN7V)	Oct 17 0730 Club Breakfast 0900 Tacoma Fleamarket 1000 Club Meeting 1300 VE Exams
Oct 18	Oct 19 1930 Vashon Island ARC	Oct 20 1900 VE Exams - Auburn (NK7E)	Oct 21 1930 Club Net on 146.82 Repeater	Oct 22 1900 Public Service Net	Oct 23	Oct 24