

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

May 1992

NUMBER 5

PRESIDENT	- Chuck Stroehrer, WA7EBH	Tel:392-5303	TRUSTEE #1	- Ralph Shumacher, WX7T	Tel:232-8052
VICE-PRESIDENT	- Nils Hallstrom, WB7TJK	Tel:242-8271	TRUSTEE #2	- Carolyn Pasquire, WV7Q	Tel:826-4977
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	- Vacant (Elections to be held 5/16/92)		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 South
Kent, WA 98032

NEXT BOARD MEETING

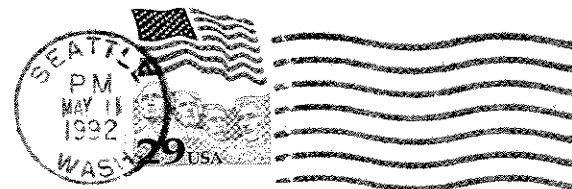
June 2 @ 7:30PM
Omni Restaurant
188th So, City of SeaTac

NEXT BREAKFAST

May 16 @ 7:30AM
Riverside Inn
14060 Interurban So, Tukwila

NEXT CLUB MEETING

May 16 @ 10AM
Salvation Army Renton HQ
720 Tobin St, Renton
Doors open at 9:30
Program - Basic Station Layout w/K7LXC



FIRST CLASS MAIL

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



NEW MEETING SITE !!!!!
FIELD DAY - JUNE 26-28
ANNUAL PICNIC - AUG 22

CHECK MAILING LABEL FOR DUES EXPIRATION DATE

TREASURER'S REPORT

Submitted by Jack, KB7ZS

The Fleamarket report has been amended and is enclosed elsewhere in this Relay. The transactions for the month follow:

INCOME/EXPENSE

INCOME

Club Badges	\$ 10.00
Club Pins	6.00
Dues	160.00
Raffle Profit	<u>34.00</u>
TOTAL	\$ 210.00

EXPENSE

Badges Purchased	27.00
Antenna, 15M	357.00
Relay	200.00
Repeater Repair	<u>43.39</u>
TOTAL	\$ 627.39

EXCESS/DEFICIT \$(417.39)

All requests for checks should be presented, in writing, at the next general or board meeting.

GENERAL MEETING MINUTES - APRIL 18, 1992

Submitted by Lee, KG7OW

The meeting was called to order at 10:00 am by the President; Chuck, WA7EBH with 85 members present and 4 visitors. The Pledge of Allegiance was recited by all. The introduction of members and guest followed.

Officers reports: Vice President: Nils, WB7TJK, presented 5 new members applications: Jan Van Allen N7WBJ; Esko Mannisto, N7VMV; Maynard Winchester, N7VVR; Jo Hallstrom, No call; Ryan Martin, N7TNI. All were voted in by the membership.

Treasurer: Claire, KB7GEW; Reported \$11,140.00 in checking. Two(2) CDs, totaling \$10,000.00 and drew \$496.00 interest. Flea Market had profit of \$13,744.06.

Activities: Mike, WA7UVJ; Today Mary Lou, NM7N, Will give presentation on YL DXpedition. Next month a presentation on Base Station layouts. June Field Day to be held during the 4th weekend. Jim, K7ND will have a work party at his residence in Fox Island to paint the club equipment trailer at 10:00 AM May 9th, need help. Picnic to be

held August 22nd at a time and place to be announced later. Also called for articles for the Relay, especially from officers.

Radio Officer: Ken, K7YR; The two (2) meter repeater went back on Wednesday. A discussion followed concerning noise on the repeater and tone squelch. Will go on tone squelch September 1st. The backup repeater is located on a water tank in Issaquah at 650 feet elevation. COB: Ralph, WX7T; Gave a Happy New Year greetings to the club; Reason; A new slate of officers took over today and also we're in a new meeting place. So, this is the start of the club's New Year.

ARRL Northwestern Regional Director: Mary, W7QGP; Reported on upcoming Seattle Antenna Ordinance which will supersede the King County ordinance. Hearing to be held May 5th at 7:00 PM. (Place of hearing not given.) Copies of the King County ordinance is available in Bellevue.

General: Chuck, N7STR; Gave a brief discussion on door prize drawings and procedures. He will handle the ticket sales for door prizes.

WA7EBH: Presented the club service awards to those not present at the banquet; Five year awards were presented to: Dick Keller, W7GWU; Chuck Northcutt, W7SRZ; Robert Anderson, NX7N; Ivan Lee, N7IL; Ted Van Tuyl, N7HKL; Fifteen (15) year award: Bob Yerkes, K6PQJ; Twenty (20) year award: John Becker, K7PFR; Those not present will receive their award by mail. Outstanding Field Day award: Shared by: Brian Wood, KP7QF and Dean, N7NKO. Pop Brown Award recipient was Wayne Moddison. K6DOW. Discussion given by WA7EBH on selection of candidates for "Pop Brown Award".

Chuck, WA7EBH: Public Service; Opening day of the Yachting season and Husky Crew races is 2 May 1992. Ballard Parade being held Sunday, May 17th. Horse event by Bryant 25 April 1992.

Frank, KA7QHG Co-chairman field day festivities; Discussed the field day festivities to be held 26th, 27th and 28th of June. The most important day to be there to help is June 26. Social event on Friday evening. The Band Chairmans are: 10 Meter Phone; Richard, N7MER & Aaron, N7PBS. 15 Meter Phone; Ken, K7YR & Dean, N7NKO. 20 Meter Phone;

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**NEW OFFICERS
of the Mike & Key**

Last month after elections, I asked each of the new officers to prepare a short biography to let each of us know a little about them. Because of space limitations, I wasn't able to include all of them. Here are the last two.

**VICE-PRESIDENT
by Nils Hallstrom**

1928 was the year of my birth. Born in Los Angeles of Swedish parents, I am told I learned to speak Swedish before I spoke English (American). Perhaps, this explains my long-windedness.

In my first 18 years, I attended 15 schools located in California, Hawaii, Washington, and Sweden. I completed this scholarly sojourn by pitting my limited intellect against that of my ancestral countrymen at the Stockholm Technical Institute, in Sweden, for two years where I majored in Civil Engineering. Then, at tax payers expense, I was called into the US Army. There, I was taught how to kill efficiently and then sent off to the US Signal Corps Radio School. I completed my radio operator training ranking 2nd in a class of 156.. This provided me the opportunity to see Washington D.C., the Pentagon, Vint Hill Farms and other geographical locations first hand. It was in this area I received training in the ASA, Army Security Agency.

Thence we traveled, still at taxpayers expense, not to Korea where the war was (Oops! Police Action), but rather to Europe and Germany. Why you may wonder? I'll tell you. This WAC Major, sitting in Arlington Hall, figured that since I could speak Swedish and, to some degree, German, knew the European customs, culture, and etc., I would be a good ambassador without portfolio.... I AGREED. Why should I get my portfolio shot full of holes? To make a long story short, upon my arrival in Germany, Heidelberg, EUCOM Headquarters, I received some rather special training in a CIC unit (Intelligence Group). I played games with IVAN for two years and then returned home, mu education complete.

In civilian life, I pursued the vocation of electronics, a field that offered a promising future. Starting as a modelmaker in the Boeing Transonic Windtunnel model shop, I advanced to the electronic section. I worked on model instrumentation, windtunnel operations instrumentation, promoted to the supersonic tunnel, then the hypersonic tunnel before departing Boeing to join a Research and Development group in the Engineering Division of United Control Corp., now Sundstrand. Shanghied from there by two EE engineers I had worked for on many projects, I joined AvTech Corp., eventually rising to the position of Production Manager.....

---- discontinuity now sets in ----

I have been a happy log truck driver for Weyerhaeuser Co. for the past 23 years.

Oh! how long have I been interested in Amateur Radio? Since I was on my way to school on the ferry crossing Lake Washington, from Medina to Leschi via the Ronoke ferry stop on Mercer Island in 1940. I got my first license WN7RUJ in 1952, am now WB7TJK with an Advanced license and working for my Extra. I love Amateur Radio in a way few people can understand. All my life I was told I was different, we all are in our own way. 73

Editors note: Nils also enjoys building scale models from scratch (no plastic kits) and enjoys a wide variety of ham activities including raghewing, DX, voice, CW, and most recently Packet.

**TRUSTEE
by Carolyn Pasquier**

My interest in Amateur Radio is my own. I'm not in it because I'm someones YL. I got into this hobby through Harry Lewis' class trying to learn more about my career in electronics. I am presently Washington State Sales Manager for Component Resources Inc. of Beaverton, OR., an electro-mechanical and fastener distributor in the electronics OEM marketplace.

I tend to be very family oriented and have encouraged my entire family to get their licenses (N7MER, KB7BVL, and N7STR), actually in self defense because I am on the road so much. I have participated in and supported many M&K activities, usually quietly without much

(continued from previous page)

fanfare just picking up the pieces and getting the job done. I have taught Novice and Tech classes and am an examiner with the ARRL and W5YI programs. I really appreciate being an officer. I've wanted to be an active planner for the M&K for at least five years. I understand the confidence the membership has placed in me. You won't be disappointed.

Editors Note: An Extra Class licensee holding the call WV7Q, Carolyn is mainly interested in UHF/VHF Mobile operations, Army Mars, and Public Service. If you every hear the term "TWOGULL", it is in reference to Carolyn's days as KA7TGL. Carolyn has been a Mike and Key member since 1987. Carolyn enjoys many other activities including R-7000 scanning, watersports (including motor, sail, canoe, river rafting and swimming), and photography.

UPCOMING PROGRAMS

Submitted by Mike, WA7UVJ

The following programs are scheduled for the upcoming Club meetings....

May - Steve Morris, K7LXC, will talk about laying out your amateur radio station.

June - Frank, KA7QHG, and Dean, N7NKO, will brief us on the upcoming Field Day preparations and nail down any last minute items.

July - Harry Lewis, W7JWJ, has any interesting video called Last Voice from Kuwait. This story chronicles the heroics of an amateur radio operator in the middle of the Gulf War.

As always, we are open to suggestions on possible topics or lectures for the Club programs. Please see the Activity Manager.

PICNIC CHAIRMAN

The Club picnic is scheduled for August 22nd. Julian, KB7MCB, has agreed to organize the event and has accepted help from several volunteers. The site has not

yet been chosen but should be announced soon (if you have any ideas, I am sure they would be appreciated).

Julian will need help with food, games, and setup. Most of all, he needs participants. It's your picnic, make it fun.

ACTIVITY MANAGER

Submitted by Mike, WA7UVJ

We have found a foo.... (whoops) candidate for the Activity Manager position. I hope you will all join me in nominating and voting in Chuck Benefiel, N7STR, as Activity Manager for 1992 at the next Club meeting. The Activity Manager is one of the most demanding but important positions in the Club. It includes overseeing the Clubs social activities, administering the raffle, and procuring programs.

Chuck cannot do it all by himself....(well, yes he can but it'll make his life miserable) so he needs your and my help. When a committee chair is needed, volunteer! When he plans an activity, participate! If you see a good program, pass on the info! Chuck has a lot of enthusiasm and some neat ideas, let's help him. We'll all benefit in the end with a better Club.

WHO'S WHO ON TWO

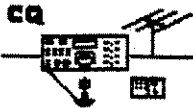
Submitted by Frank, KA7QHG

Say Gang, any of you folks just sitting around home on Wednesday night trying to find an excuse NOT to do the dishes? Well, we have the perfect excuse! Come join us on the Wednesday night Mike & Key ARC Repeater Net.

That's 7:30PM on 146.82 MHz every Wednesday night. All you new codeless Technicians who don't have HF privileges yet, anyone who wants to find out what's going on with the Club, and any other current events in Ham Radio, come check in. We also have a swap net where you can list 2 items with prices if you are not affiliated with the radio business. So, come join our Wednesday-Nite-Live talk Net and get acquainted with the Ham Community. 73 and CU there.

SS TEAM PLACES FIRST

Submitted by Mike, WA7UVJ



Last November, several of your fellow club members traveled to Fox Island to participate in the ARRL Sweepstakes competition. Due to their diligent efforts, they managed to come in first place for Western Washington in the Multi-Op category.

While certainly not an earth-shaking accomplishment, it is a well deserved honor and they worked hard to obtain it. I hope you will congratulate each of the team members the next time you see them. It was a lot of fun and next years SS is only 6 months away. CQ SS de K7LED....

REPORT FROM THE BOARD CHAIRMAN

Submitted by Ralph, WX7T

I am writing this on Sunday evening before the board meeting. We have just completed the first glorious weekend (weatherwise) of the year. Is summer with us?

Now, don't expect President Chuck to announce at the May meeting that we are closing down for the summer and he will see us all in September. If anything, summer is a busy time for Hams. What... you ask?

How about Public Service for openers. June is not a busy month, you can take in a Hamfest or two. July and August bring the community celebrations and SeaFair with all their activities and much will be going on. Remember, at the parades, you'll be right down in front. Call Chuck, WA7EBH or Wayne, K6DOW for information.

August also brings the Club picnic. Julian, KA7MCB, has volunteered to cook ribs for the entire group. If this becomes the menu, sign up early. Lets keep that dude in the cookhouse all day.

The big event of the summer is Field Day, the fourth full weekend in June. Field Day is practice for what Hams do best,

emergency communications. There are many reasons to become involved in Field Day.... meet and become acquainted with fellow members, try your hand at contesting, work bands you are not capable of working in your own shack just to name a few. There will be stations set up on all bands, both phone and CW. There are some openings still remaining on some stations. There is a Novice station for Novices and Technicians. Please contact Frank, KA7QHG or Dean, N7NKO the Field Day chairpersons and they will put you in contact with the band chairs of your interest. Don't miss Field Day, it will be well worth your time. 73

VICE-PRESIDENTS REPORT

Submitted by Nils, WB7TJK

Item - South Specialties, our Club badge supplier, has notified us that effective April 14th, 1992, the cost of K7LED badges will increase from \$5 to \$6. The shipping cost will be added to the base price and should not be more than 15 to 25 cents. The larger the order, the less the per unit cost for postage.

Item - With Field Day looming over the horizon, now is the time to place your order for your Mike & Key T-Shirt. We need your size and your money. Approximate cost of the shirts is \$10. Jacket are also available for approximately \$35. A minimum group order of 10 is required for each to offset the setup costs.

Item - The VP, WB7TJK, say many members of the Club have not picked up their one FREE K7LED Club pin. You can claim yours at any Club meeting during before the meeting starts or during break. Additional pins are available for \$2 each.

SPECIAL OLYMPICS



This year's Special Olympics will be held May 30-31 at Fort Lewis, south of Tacoma. During this event, a number of radio amateurs will be required to help provide communications. Normally, this event conflicted with the Seaside convention but this year it is hoped that more of you will be able to come down and help out. For more information, please see K6DOW.

SIGHTS AND SOUNDS

Submitted by Sunrise

Who is "Sunrise"? The "Sunrise" stands for Dawn, XYL of Dan, N7QHC. I'm a somewhat regular contributor to the Seattle REACT team's newsletter. If you are a regular blood donor, on Thursday's at the SouthCenter Branch, I may have checked you in at the registration desk. If you have been up to the VA Hospital on a Monday, I may have been the one to escort you where you needed to go. My "official" title is "Patient Visitor", which may mean listening to you let off steam over how much "flack" you've been getting, trying to get your records together in one place. From that brief resume, you may make your decision as to whether you want anymore articles from me after this.

My sincere thanks to two very fine gentlemen, Nils, WB7TJK for being bold enough to submit last month's article and to Mike, WA7UVJ for printing it in his "first issue" as our new editor. Then for his kind words about it having "merit". Thanks again, you two!

The boldness of the article wasn't the only reason I had for wishing for anonymity. I've been an observer in the Mike & Key for over a year now, and found many of the same preconceived ideas here as in many other organizations; in the opinion of a few, suggestions or ideas from "outsiders" are given very little credence and if it is predominantly a male group, those same few tend to either laugh off their ideas or outright discredit them. As I say, this is on the part of only a few, but it, at the same time, has the effect of stifling people whose ideas might be of value were they allowed exposure to the body. That pretty much explains why, I a women, a non-ham, but a radio operator of other frequencies (not readily accepted by some Amateurs) with the character traits of out-spokenness and being opinionated, might be leery of being

pre-judged before being heard out!

More "sightings"..... Dan's and my first Mike & Key Banquet experience was a blast. Our new President is a good public

speaker, and also made sure everyone could hear, clear to the back, with his wire stringing expertise. Out-going pres Mike played the perfect "court-jester" with his interesting "awards" for different memorable happenings last year. Next years will be a hard act to follow, like stepping into the newsletter position, but Mike, it looks like you've done it.

We missed last year's picnic, but we don't plan to this year because Julian, KA7MCB has planned to fire up his BBQ to make some lip-smacking, fingerlicking ribs with all the trimmings. As any of you cooks out there know, you need to plan and know in plenty of time how many to plan for because you wouldn't want to disappoint any people planning on seconds. Worse yet, plan for more than who actually show up (no-shows) which is a waste of time, money, and food.

Remember, the meeting May 16th in the acoustically better meeting place in Renton at the Salvation Army HQ. 73 to all.

DITTY-DUM-DUM-DITTY

Submitted by Frank, KA7QHC

Say! that was a question mark! And my question to you is how many of you are struggling to upgrade with a CW stumbling block and have been listening to tapes until your head is spinning? Don't get me wrong because tapes are a good way to learn the code, but you can beat on-the-air experience. Our format is very simple... just check in with SSB or CW at 8PM each Thursday night on 28.335 MHz (10Meters) and I will put you on a list according to the order of your check-in.

When we get 5 or 6 stations we go to CW mode and then I call each station in the order that they checked in. Just talk about anything you want and at the speed you are comfortable at. We will respond to you at the same speed (5-25WPM) and when you are finished, just say "back to the net" and we will pick it up.

So, come join us - we had 6 op's on the net last week with room for more. 73 and CU on 10 meters.

FIELD DAY '92 - ARE YOU READY?

Submitted by Frank, KA7QHG

Wow!.... only 42 more days from the May 16th Club meeting till the Mike & Key Club operating event of the year begins! This emergency drill contest - camping vacation - social event is one you can't afford to miss! We're looking for great weather at a super park with acres of room to wander around. For camping and overnight accommodations we have 2 barracks and a large tent - trailer - RV area called the "Wagon Wheel" that surrounds the covered picnic area... scene of the Friday Nite Potluck BBQ.

It's a great chance to get acquainted with those members you've seen at the Club meetings but have never had a chance to talk to. Also, this is the chance of the year to show your "Stamina - Bravado" by trying some of "Little Johns Chili"! It beats paying \$500 for an ulcer examination.

At the present time, it looks like we will be running class 6A. That's six complete stations plus the Novice/Tech station. Following is a list of the bands chairs. You will note that some stations are operating more than one band. This is to utilize the bands to the fullest since the propagation might be good on one band but bad on another at any given time.

These are the people to contact to help in operating these stations. There is a great need for computer operators as "Dupers". These persons enter call signs as they are heard and determine if the station has been worked before via a special computer program for Field Day.

80M CW - WA7UVJ, Mike
 75M SSB - K7ND, Jim
 40M CW - KA7QHG, Frank
 40M SSB - N7NKO, Dean / WV7Q, Carolyn
 20M CW - WA7UVJ, Mike
 20M SSB - KB7ZS, Jack / WA7EBH, Chuck
 15M CW - KA7QHG, Frank
 15M SSB - N7NKO, Dean / WV7Q, Carolyn
 10M - N7MER, Rich / N7PBS, Aaron
 160M - K7YR, Ken
 Satellite - WB7AYU, Mike

For further information or

reservations, call me at 243-9232 or Dean at 242-6715.

73, 88 or MAYBE...

Submitted by Carolyn, WV7Q

Originally written by Noel Novison, N6DQC for the Santa Barbara Key Klix, these new abbreviations may help you express yourself more clearly over the air....

- 68 - Downright Terrible regards
- 69 - Poor Regards
- 70 - Mediocre Regards
- 71 - Good Regards
- 72 - Better Regards
- 73 - Best Regards
- 74 - Great, superior and wonderful Regards
- 75 - I am speechless
- 5.5 - A fleeting smile
- 11 - A sincere handshake
- 22 - A firm pat on the back
- 44 - Only a hug, since I don't kiss on the first QSO
- 88 - Love and Kisses
- 176 - Love, kisses and heavy petting
- 352 - My shack or yours
- 704 - Part 97.119 prohibits further description

NEW MEMBERS

Can't figger out for the life of me why these people wanna become members of this Club? Must be real active people who love getting involved... right? Please welcome the following as new participants in the best Amateur Radio Club in the Pacific Northwest and update your rosters.

Maynard Winchester	Zita "Jo" Hallstrom
N7VVR - General	17047 35th Ave So
16214 SE 130th Pl	SeaTac, WA 98188
Renton, WA 98059	Tel:242-8271
Tel:2228-0731	
Jan Van Allen	Esko Mannisto
N7WJB - Technician	N7VMV - Technician
3915 S 238th St	10912 SE 6th St
Kent, WA 98032	Bellevue, WA 98004
Tel:824-9039	Tel:451-1869

Ryan Martin, N7TNI (no info yet)

SOFTWARE REVIEW

 by Michael Dinkelman, WA7UVJ



My recent giveaway of a Field Day Logging program showed me that a large number of people in this Club have computers and use them regularly. Software is the lifeblood of computers and many of us have bought and used both GOOD and BAD programs. I hope this will be a monthly column with submissions from Club members and encompass a wide variety of program types. This month, I will start things off.

Whenever you wish to write a letter, file, or document, it is normal to use a program called an editor. There are many types of editors from the simplest like EDLIN, which will allow you to modify a single line in a file, to the ultra complex WORDPERFECT, which allows extremely complex documents to be created. My review is about an editor somewhere in the middle of all that range called VDE. You will not find VDE advertised any of the slick monthly computer magazines, it is shareware and you can try it for FREE before you buy it.

VDE

I do a lot of programming. For this, I need an editor that produces a straight ASCII test file with a minimum of fuss. I want it to be quick and simple but also able to perform fairly complex functions like finding that missing bracket in my C function. VDE does that and more. VDE allows the operator to open 8 files (heaven forbid) at once and pass text between them. It has an extensive Macro system that allows many function to be incorporated into two key strokes; for example, I have setup the Macro "ESC A" to print out my entire letterhead including the correct date. Because VDE is written in assembly language, it is fast, no long waits for this baby to boot up on an XT. Finally, it is possible to setup VDE to treat your programming files differently than your document.

It's hard to explain an entire program and it's features in a small article. Mostly, this is intended to get your interest up. Editors are a very personal

thing and once you become attached to one, it is hard to let go. Myself, I went through period of about 6 weeks before finally readjusting totally to VDE. The big factor was being able to incorporate the old functions I was used too into the new program while gaining all it's enhancements. VDE sells for \$30 if you decide you like it enough to register. I have a copy of the shareware version for anybody willing to give it a chance.

YOUR TURN?

Maybe you a have a better program? A worse one! Well, tell us about it. Let the rest of us poor souls in on your secrets, hints, and kinks. Articles are accepted in ASCII, typewritten, or longhand form. Just make it readable.

SPEAKING OF SOFTWARE

For those who didn't get a copy of my Field Day logging program and would like to practice a little before going to Field Day, I'll try to have a few floppies at the next Club meeting. Give me a call before if you wanna guaranteed copy. The program is suitable for PC type computers and I only provide 5.25" disks - WA7UVJ

THANKS FOR THE RELAY HELP

 Submitted by Mike, WA7UVJ



I want to say thanks to Jeremy, WA7YGB, for his help on with the Relay this month. It seems Jeremy has a SCANNER!!! So, I asked him to digitize the M&K logo for me at the last Club meeting and lookee there on the front page, nice huh? (Believe or not, I can enlarge that logo to almost the size of a whole sheet of paper and it still looks good.)

Jerme say he can digitize things as needed (how 'bout some \$100 bills hihi) so I may take advantage of him once in a while, not too often. Thanks Jeremy, it looks nice and the turnaround time was fantastic.

Minutes - continued from page 2

Jack, KB7ZS, & Chuck, WA7EBH. 20 Meter CW; Mike, WA7UVJ. 40 Meter Phone; Dean, N7NKO. 40 Meter CW; Frank, KA7QHG. 75 Meter Phone; Jim, K7ND. 80 Meter CW; Mike, WA7UVJ. 160 Phone; Ken K7YR & Dean, N7NKO. Satellite; Mike, WB7AYU. Accomendations were also discussed.

Chuck, WA7EBH: First Flea Market meeting will be held in July.

Chuck, WA7EBH: Julian will chair the Picnic committee. Need volunteers on this committee. Julian asked for a show of hands of those planning to attend the picnic.

Ralph, WX7T; Gave report on State Antenna ordinance, PRB1. Georgia is also trying to pass this bill.

Chuck, WA7EBHP: Asked for volunteers for a Long Range Planning Committee. K7PHZ asked what happen to the old plans. These will be referred to by the new committe. Rick, KF7VG will chair this committee, other members of the committee are: Carolyn, WV7Q; Dean, N7NKO; Chuck, N7STR; Sam, N7RHE; Carolyn, WV7Q will report to the board.

Chuck, WA7EHB also asked for volunteers for a Constitution and By Laws Committee. Ray, WA7EKH will chair this committee. John, W7HIL; and Carolyn, WV7Q are the only volunteer.

Rick, KF7VG held discussion on Two (2) meter club net and the Alligator award.

Old Business: None reported.

New Business: Ray, WA7EKH made a motion to increase the monetary allowances for the Banguet door prizes to \$1000.00. Motion was second by Jim, K7PHZ. Motion will be turned over to the Trustees for feasibility study.

John, KB7MZB; Discussed ways to motivate youngsters into the Amateur Radio hobby.

A short break was held, the meeting resumed at 11:15 AM.

Mary Lou, NM7N; Gave a presentation, showing slides on last year's YL DXpedition to

Grenada and the Us Virgin Islands.

Chuck, N7STR; Conducted the door prize raffle. Aldo, N7MYM donated a DX directory to be given away as a door prize. The gift certificate recipients were: Lee, KG7OW; Tom, N7VDU; Peter, N7UIF. Carolyn, WV7Q was the recipient of the DX directory. Meeting adjourned by President, WA7EBH at 12:15 PM.

REBUTTAL

Submitted by Jack, KB7ZS

I feel there are some discrepancies concerning the April Sights & Sounds article. First, the committee working on the facility acquisition was not the long range planning committee. To say that the report was not given careful consideration is a misconception that I, for one, know to be wrong. Many members spent a great deal of time trying to determine a way to make the proposal acceptable to the Club.

Secondly, I am not at all sure that you may assume that "most people" desire to own rather than rent. For many the uncertainty may preclude obliging themselves to a long mortgage with the chance of loosing what was expended on down a payment. I am personally sorry that your ire was raised by perceived smoke-screening but any question submitted by the Finance Committee were done only after a good deal of thought. It most likely boils down to what one might conceive as "possible". "Lip-service" was not our intention nor, do I feel, the end result.

As to the "movers & shakers" I say-More Power to you. The Club has requested information (contained in the motion to table) and when that is completed we can go forward and resolve the issue.

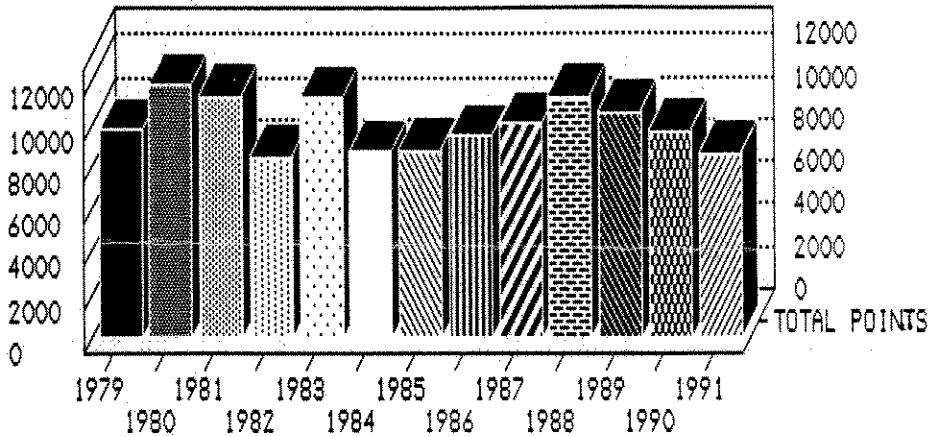
And last: I did not think anyone criticized their work. We were not in a position to critique the proposal as sufficient information on which to base same was not available. Lets remember the Club tabled the motion, stopped further discussion until some future point in time, so lets get back to the work at hand and stop all this nonsense.

FIELD DAYS PAST
Submitted by Mike, WA7UVJ

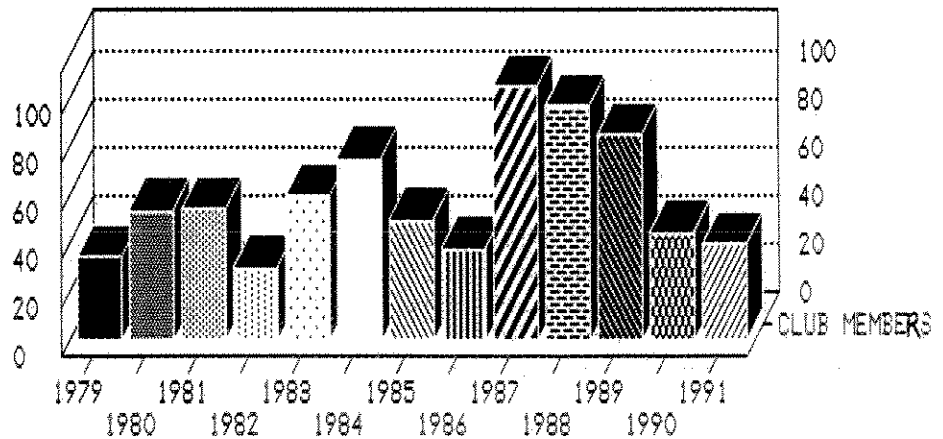
Field Days are a lot of fun and much of the enjoyment comes from trying to do a little bit better than the previous year. Well, I went through the past 13 years of Field Day results and made a couple of interesting charts. To tell the truth, I was amazed how consistent the scoring has been over that time. Even as participation waxes and wanes, the scoring never varies much more than a few thousand points.

Unfortunately, a definite trend has shown up over the past four Field Day outings and the score has been on a downward trend. I believe that can be traced to the move to fewer stations each year. (From the sounds of the last meeting though, it looks like 6A or 7A may be a possibility this year - much better!)

MIKE & KEY FIELD DAY RESULTS



MIKE AND KEY PARTICIPATION



Anyway, don't read too much into graphs or statistics. They are just a fun way of looking at the data. I did try to make a graph of the "ENJOYMENT" index but it wouldn't fit on the page. Why don't you plan on becoming part of the statistics this year.

BOARD MINUTES - 5/8/92
Submitted by Lee, KG7OW

The meeting was called to order at 7:30 PM by Ralph, WX7T, Chairman of the Board. Present: WA7BBH, WB7TJK, KG7OW, KB7ZS, WX7T, WV7Q, W7NKO, KA7MGB, K7DOW, K7YR, WA7UVJ, N7STR, W7DLV, WA7EKH, WA7TAI, W7PRW, Sheila Holtan, Dawn Humphrey

Report of Officers: President: Chuck, WA7EKH; Reported on the new meeting place and also discussed the motion made to increase the door prize monetary allowance for the annual banquet. A group discussion was held and a recommendation by the Trustees was made to raise the allowances by \$200.00. This recommendation will go back to the membership.

Vice President: Nils, WB7TJK; Four (4) applications for membership. K7BAU, Thomas J. Schneider; N7SAO, Heather Talbot; W7MER, Richard Pasquier; N7VWD, Michael McCoy; All applicants were approved by the board for recommendation to the membership.

Secretary: Lee, KG7OW; Letter received from Salvation Army, requesting an attendance figure be given after each meeting for their statistics. Another letter was received by the United Way Good Neighbor Center, thanking the club for their donation of \$200.00. Treasurer: Jack, KB7ZS; We have \$10K in CDs Also discussed the Flea Market revenues and attendance.

Radio Officer: Ken, K7YR; Still some problems with repeater. The spare repeater is in Issaquah and ready to go; looking for a better location to set it up. If you have question about the users of the repeater, give me a call. As far as the intermod is concerned we are going to squelch tone as planned Sept. 1st.

Activities: Mike, WA7UVJ; We have a volunteer for Activity Manager, Chuck, N7STR. Discussion was held. N7STR will have to be elected by the membership. This will be taken up at the next meeting. We need a projection screen for the meeting place. Chuck, N7STR will check on prices etc. and report back to the Board.

Trustee: Carolyn, WV7Q; Discussion on the Long Range planning committee. Rick, KP7VG is Chairman. KG7OW will make copies of the Long Range Planning Committee report, dated October 18, 1988 for the board. We will have our 1st report to the club in about 6 months.

Trustee: Wayne, K6DOW; May 30th and 31st is the Special Olympic in Fort Lewis. Those willing to help, contact Wayne.

Trustee: Julian, KA7MGB; Bar-B-Que still on for August 22nd at a place to be announced later. Bar-B-Qued ribs will be on the menu.

COB: Ralph, WX7T; Need to get the phone numbers of the Board Members back on the Relay. Mike, WA7UVJ will comply. Need to look into buying a podium with sound system. Chuck, N7STR will check on prices, etc.

Trustee-Co-Chairman Field Activities: Dean, W7NKO; Discussed field day activities. Also asked about the painting of the equipment trailer at Jim's place, K7ND coming at 10:00 AM May 9th.

Co-Chairman Field Day Activities: Frank, KA7QHC; Reported on Band Chairs (printed elsewhere in Relay). Anyone going to Fort Plagler for field day and planning to stay in the barracks, needs to make reservation with Frank. Need some one to take charge of the Field Day pot luck. Any volunteers?

Gene, WA7TAI; Need to get another generator. Karl, W7PRW will check on one at an estate sale.

Chairman of By-Laws Committee: Ray, WA7EKH; Need volunteers on this committee. We have two (2) on the Committee, need five (5).

Activities: Chuck, N7STR; Activities for the General meeting are

book through October.

It was reported that the spouse of Herschel Whitting, WA7K passed away recently. KG7OW will send a card out for the club.

Meeting adjourned by COB Ralph, WX7T at 8:58 PM.

FROM THE EDITOR
Submitted by Mike, WA7UVJ

Wow!, for the second month in a row I have had more material than I could print. I really appreciate the help ladies and gentlemen. I hope you can keep it up. We actually have a number of good writers in this Club and they are what will make this Relay successful. Also, I want to thank all who had suggestions and or comments on last months issue. Again, thanks and see you at the Club meeting.

A:FLEAMKT.WK1		1992 FLEA MARKET BUDGET WORKSHEET							
FLEA MARKET INCOME				FLEA MARKET EXPENSES					
	EST.	1992	1991	1990		EST.	1992	1991	1990
# OF TICKETS	2,200	2,336	2,044						
AT 50 FEE	5.00	5.00	5.00						
# OF TICKETS	300	307	358		PAVILLION RENT	2,700.00	2,540.00	2,400.00	
AT 30 FEE	3.00	3.00	3.00		PARKING	125.00	75.00	78.00	
					TABLES	1,400.00	1,295.00	1,015.00	
SUBTOTAL	11,900.00	12,601.00	11,208.00	?	CHAIRS	200.00	165.00	165.00	
CANADIAN DOLLAR CONVERSION		(11.02)			CHAMBERS	75.00	56.00	42.00	
					ELECTRICAL DROPS	300.00	210.00	180.00	
# OF TABLES	300	297	261		SETUP/CLEANUP LABOR	175.00	120.00	120.00	
AT 420 FEE	20.00	20.00	20.00		EVENT ATTENDANT	350.00	240.00	252.50	
NO SHOWS	0.00	0.00	(45.00)		GATE LABOR	75.00	28.00	0.00	
					SUBTOTAL	5,400.00	4,749.00	4,253.50	3,765.00
SUBTOTAL	6,000.00	5,940.00	5,155.00	?					
# OF BOOTHS	15	14	11		FLETERS - PRINTING	850.00	647.50	379.44	254.00
AT 800 FEE	80.00	80.00	80.00		FLETERS - POSTAGE	1,650.00	1,599.77	1,096.60	695.46
					FLETERS - SUPPLIES	45.00	14.07	43.65	169.71
SUBTOTAL	1,200.00	1,120.00	800.00	?	MAILING PERMIT RENEWAL	75.00	75.00	60.00	0.00
					REGISTRATION - SUPPLIES	150.00	110.04	142.03	0.00
SUBTOTAL	19,100.00	19,649.98	17,323.00	10,777.05	REGISTRATION - BADGES	150.00	102.57	64.05	223.12
DONATIONS			27.00		REGISTRATION - SOFTWARE	0.00	61.94	20.00	69.17
					WORK ASSIGNS - POSTAGE	20.00	13.30	0.00	0.00
					TREASURER - SUPPLIES	20.00	9.15	0.00	0.00
					ADMISSION TAKES	650.00	591.30	564.40	320.00
					CS RETIME, PRINTING/POSTAGE	50.00	60.94	13.39	0.00
PETTY CASH	1,000.00	1,000.00	800.00	800.00	TICKETS FOR BOOK	0.00	205.60	0.00	107.57
					POSTERS/SIGNS	100.00	102.82	51.11	0.00
					TABLE SKIRTS	50.00	38.89	25.84	0.00
					PETTY CASH	1,000.00	1,000.00	800.00	800.00
					IMR PADS & STAMPS	40.00	0.00	49.75	0.00
					PHONE JACKS	0.00	10.00	0.00	0.00
					FIRE PERMIT	250.00	207.50	0.00	0.00
					PALLET JACK RENTALS	250.00	184.34	151.48	114.75
					MISC. (Table Refunds)	50.00	60.00	24.95	0.00
STORE INCOME	2,700.00	3,451.00	2,727.50	2,480.50		10,800.00	9,831.02	7,750.21	6,520.78
STORE PAYMENT							3,195.90	2,454.75	2,161.45
TOTAL	22,800.00	24,100.98	20,877.50	14,665.55		18,800.00	12,930.92	10,204.96	6,642.23
PROFIT						12,000.00	11,164.06	10,672.54	5,403.32

1992

May 10 - June 20

1992

MIKE & KEY AMATEUR RADIO CLUB

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
May 10 Mother's Day CQ-M DX Contest	May 11	May 12 7:30pm WWDXC Meeting	May 13 7:30pm Club Net on 146.82 Repeater 7:30pm Radio Club Tacoma	May 14 7:00pm Public Service Net 7:00pm VE Exams - Lynnwood (KF7QF)	May 15 7:00pm VE Exams - Seattle (NN7V)	May 16 7:30am Club Breakfast 10:00am Club Meeting 1:00pm VE Exams Armed Forces Day U District Street Fair
May 17 U District Street Fair	May 18 7:30pm Vashon Island ARC	May 19 7:00pm VE Exams - Auburn (NK7E)	May 20 7:30pm Club Net on 146.82 Repeater	May 21 7:00pm Public Service Net 7:30pm PARS Meeting	May 22	May 23 Memorial Day Weekend Yakima Hamfest
May 24 Memorial Day Weekend Yakima Hamfest	May 25 7:00pm West Wash ATV Society Memorial Day (Observed)	May 26	May 27 7:30pm Club Net on 146.82 Repeater 7:30pm Radio Club Tacoma	May 28 7:00pm Public Service Net	May 29	May 30
CQWW WPX Contest - CW						
May 31 CQWW WPX Contest - CW	June 1	June 2 7:30pm Club Board Meeting	June 3 7:30pm Club Net on 146.82 Repeater 7:30pm Issaquah ARC Meeting	June 4 7:00pm Public Service Net	June 5	June 6 10:00am Boeing ARC Meeting 1:00pm VE Exams - Kent (KF7VG)
June 7	June 8	June 9 7:30pm WWDXC Meeting	June 10 7:30pm Club Net on 146.82 Repeater 7:30pm Radio Club Tacoma	June 11 7:00pm Public Service Net 7:00pm VE Exams - Lynnwood (KF7QF)	June 12	*June 13* 8:00am SeaTac Repeater Group 10:00am VE Exams - Riverside Inn
NorthWest Division Convention - Seaside, OR						
June 14 Flag Day NorthWest Division Convention - Seaside, OR ARRL June VHF QSO Party	June 15 7:30pm Vashon Island ARC	June 16 7:00pm VE Exams - Auburn (NK7E)	June 17 7:30pm Club Net on 146.82 Repeater	June 18 7:00pm Public Service Net 7:30pm PARS Meeting	June 19 7:00pm VE Exams - Seattle (NN7V)	June 20 7:30am Club Breakfast 10:00am Club Meeting 1:00pm VE Exams

Contact editor for changes

5/8/1992