

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 (PL103.5), 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.

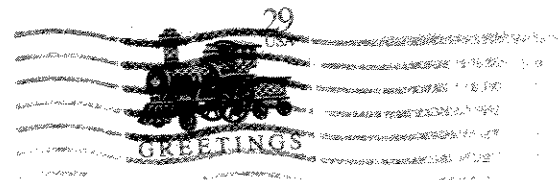
Volume 21

January 1993

NUMBER 1

PRESIDENT	- Chuck Stroehrer, 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
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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	- Michael Hansen, KG7MX	Tel:232-1069
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RELAY EDITOR
MICHAEL DINKELMAN
637 2ND AVE S
KENT WA 98032



NEXT BOARD MEETING

February 2 @ 7:30PM
Salvation Army HQ
720 Tolbin, Renton

FIRST CLASS MAIL

NEXT BREAKFAST

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

K7WTG 93/01

PETE HEDBERG
20904 NE 77TH ST
REDMOND WA 98053

NEXT CLUB MEETING

January 16 @ 10AM
Salvation Army HQ
720 Tolbin, Renton
Doors open at 9:00
Program - Emergency Communications / WA7EBH



NOVICE ROUNDUP (1/29-2/7)
FLEAMARKET MARCH 6
OFFICER ELECTIONS MARCH 20

CHECK MAILING LABEL FOR DUES EXPIRATION DATE

PRESIDENT'S CORNER

Submitted by Chuck, WA7EBH



Happy New Year to all of the Club Members. In just a short time we will be engaged in several club activities; the Electronics Show and Flea Market, Elections, Banquet, and Field Day, just to name a few. Have you signed up to participate? If you don't participate, your going to miss a heck of a good time.

Last meeting there was a good presentation on emergency preparedness. The saying goes, if you don't initiate action in 48 to 72 hours after these classes, you will never find time to get around to it. Have you started to prepare your home for disasters and have you started your disaster kit?

I gave a short presentation on a commercially available survival pack that can sustain a person for 72 hours. It included water, food, emergency lighting, survival blanket, first aid supplies etc. all packed in a nylon bag. Costs are 1-25 \$39.95, 26-50 \$35.95, etc. Several members were interested in obtaining these kits. At the next club meeting, I will be passing around a signup sheet to see how many people are interested. Maybe we can get a group purchase at a discount. They also make larger kits for two and four people packed in a backpack. Costs are \$89 for the two person kit and \$219 for the family packs. More info at the club meeting.

The Electronics show and Flea Market is progressing nicely. The signup sheets for the work groups have been distributed to the chairmans of the particular area. If you want to work in a particular area, please contact these people directly or give me a call and I will put them in touch with you.

Wishing everyone a happy New Year, see ya at the Club Meeting



VICE-PRESIDENT'S REPORT

Submitted by Nils, WB7TJK

There were no new members voted in last month. If you ordered (and paid) for a Mike & Key Jacket or T-Shirt, the order will be ready by the January 16th Club Meeting. Please make arrangements to pick up your order or have some else do it for you.

TREASURER'S REPORT, DEC 1992

Submitted by Jack, KB7ZS

The Financial report for the year is noted below:

INCOME/EXPENSE

INCOME

Dues	\$ 1,868.00
Raffle Profit	91.47
Badges & Pins	122.00
Fleamarket	19,995.08
Interest	408.58
Miscellaneous	95.00
TOTAL	\$ 22,586.13

EXPENSE

Christmas Party	\$ 275.00
Relay	2,137.64
Field Day	744.09
Banquet	630.99
Hall Rental	830.00
Fleamarket	8,777.55
Exchange	18.91
Repeater	313.39
Equipment	1,185.00
Misc	1,223.71
TOTAL	\$ 16,436.20

EXCESS/DEFICIT \$ 6,149.85

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

ACTIVITY MANAGER'S REPORT

Submitted by Chuck, N7STR

The following programs and activities are scheduled for the benefit of the Mike & Key members...

January 16 - Club meeting program, Emergency Communications

February 20 - Club meeting program, Flea market preparations and assignments

March 5th & 6th - Friday, Flea Market setup
Saturday - the BIG EVENT itself

March 20 - Election of Officers

April 17 - Club meeting subject, Video and meeting about introducing new and potential Hams to Amateur Radio

May 15 - Club meeting program, Packet Radio and an introduction to the NorthWest PacketCluster

June 19 - Club meeting program, Field Day preparations

June 25/27 - Field Day, Fort Flagler State Park

July 17 - Club meeting program, 'New Items in Amateur Radio', presented by ICOM.

FIELD DAY, 1993

Submitted by Jack, KB7ZS

The Mike & Key ARC Field Day is just down the road, actually about 5 months, and as yet we do not have a Field Day Chairman. Some things have been done but much more is necessary. There are members that have been through the operation and will be glad to provide info and assistance so that others can become acquainted with the whole set-up. As noted elsewhere in the Relay there is a work party, actually two, in February which would help cement our relations with park personnel.

The reservation request for the Wagon Wheel has been mailed and I

received a call from the park that our name has been penciled in as the result of a call to them New Years Day. Since we already have the barracks we can begin to accept prepaid reservations for both in Feb. All the volunteers please step forward.

1993 RADIO GUIDE

Submitted by Michael, WA7UVJ

The Puget Sound Amateur Radio Information booklet, version 1993, is in the works. This handy little guide, organized by Gib/W7JIE and Wayne/K6DOW has upcoming Public Service events, Club contacts, a VE exam schedule, and all kinds of wonderful information needed by any self respecting HAM in the Puget Sound area.

If you have any additions and/or changes that need to be incorporated into this fountain of information, please contact one of the above persons and do it. Time is running out.

**FORT FLAGLER WORK PARTY**

Submitted by Jack, KB7ZS

Again it is time for the Mike & Key club to pitch in and help with the maintenance of facilities at Fort Flagler.

This year they are setting aside two week ends to complete work on the BOQ. The first week end, February 12-15 will be used as the major time to remove the plywood sheeting from the interior walls of the building. After removal, all walls will be replaced with wall board, taped, mudded, and at some point painted. It is hoped that no work on wiring or plumbing will be required. The following week end, February 19-21, will be used to finish the project.

Coffee, pop & light refreshments will be available as are accommodations. I will have

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the reservation forms at the January club meeting. I hope some of the members will be able to help out as this is our Field Day location and so far we are the only group that has been able to make use of the restricted areas. Keeping on their good side is a good idea.

ELECTIONS

Submitted by Michael, WA7UVJ



I dare say that elections are only a couple months (March) away. It's time that you start thinking about who you would like to fill specific positions. At the very least, Trustee positions 1, 3, and 5 are going to require new blood and several of the Officer positions may also.

The Mike & Key is a very active group in Puget Sound Amateur Radio circles. To keep the level of enthusiasm up, it is important that all our members participate in the operation of the Club, including the nomination and election of the Board. Be prepared to place names into nomination over the next two months and vote your preference in March.

SURVIVAL PACKET INFO

Submitted by Chuck, WA7EBH

All packs are made by Extend-A-Life, Inc. of Pasadena, CA.

The personal Exec-u-packs contain the following for one person for 72 hour survival..... food, water, space blanket, first aid kit, tissues, lightsticks, trash bags, all packed in a waterproof nylon carrying bag. Weight is 5 pounds and size in 10" x 6" x 6". They are designed to fit under the front seat of a car. Panny packs are available. Shelf life is 5 years on the food and water and they are USCG approved. Pricing is: 1-25 \$39.95, 26-50 \$35.95, 51-99 \$31.95.

The Travel pack for 2 people contains the above plus gloves, rope, sun screen, signal mirror, fire starting material and packed in a waterproof nylon backpack. Size is about 12" cubed and weight is about 12 pounds. These are made for a grab and run situation and will work well in the trunk of a car or stored in the hall closet. Pricing is: 1-25 \$89.00, 26-50 \$80.10.

If we order enough items we can get a custom logo on the bags.

I don't know if the pricing includes shipping costs. I do have a sample and it will be available for viewing at the next meeting.

REPEATER RULES TO LIVE BY

Submitted by Michael, WA7UVJ

Repeaters! You can't bring up the subject without some controversy popping up. None the less, there are some fairly standard operating procedures that come with the territory. Since I couldn't bribe anybody else to write up a guideline, I decided to plagiarize the Puget Sound Amateur Radio Information booklet organized by Gig/W7JIE and Wayne/K6DOW. A wonderful little publication. I couldn't survive without it. YOU should have one too! By the way, I've broken a few of these rules myself - all the better a reason to stay on the HF CW bands.

Some repeater DO's and DONT's..

DO identify at least once every 10 minutes during a QSO and at the END of the contact. That's a FCC rule, believe it or not.

DO wait for the system to come up before talking. On the 148.82 machine, that'll take three (3) seconds after you press the mike button if the transmitter was off. Else, wait for the courtesy beep during a QSO in progress. On the 224.12 machine, such long waits are not required but it will not hurt either.

DO ignore jammers and other irritating types. They aren't worth the breath.

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DO use your entire callsign when breaking into a conversation. It works just as well as yelling "BREAK" and nobody needs to ask who you are.

DO go to simplex when the situation warrants it. Especially during peak usage hours. Peak usage hours normally correspond to morning and evening rush hour drive times.

DO use COMMON SENSE and COURTESY. Unfortunately, everybody else's definition of common sense is different from mine so I use this rule..."If somebody did it to me and I wouldn't like it, I probably shouldn't do it either".

DO use the ARRL Repeater Directory. No, no, no, not the frequency listings! Try reading those two small pages that get passed over most of the time - the REPEATER OPERATING PRACTICES pages.

DON'T use CB jargon. Don't use HAM jargon either. Try talking like a normal person. Your significant other will appreciate it too.

DON'T break in to an ongoing QSO unless you have something of value to add.

DON'T tie up the repeater with incessant drivel - use simplex for that.

DON'T tell someone else that they are breaking any or all these rules. If it's so bad you can't handle it, turn off your radio. Genuine problems may be taken up with the radio officer.

A couple of WA7UVJ's pet peeve's... (you don't have to follow these if you like sounding like a geek).

- It's 73 or 88 folks, NOT 73'sssss and 88'sssss.

- Who the heck ever thought up the word DESTINATED? What's next, I'm MOBILIZED? (At least that is a real word even if the context is wrong.)

Many new people are coming into the

hobby attracted by the prospect of UHF/VHF FM. If it isn't going to become bedlam, we need to teach by example (that's how most of us learn anyway). Using the proper procedures will go a long way to avoiding any future problems on the Mike & Key repeaters. (Of course, we could always just sell the darn things.... whoops! subject for another day - hihi.) Have fun and CUL.

WEEKLY NET

Don't forget, there is a weekly Club Net on the 146.82 repeater each Wednesday, at 1930 hours (7:30PM). All licensed Hams are welcome. If interested in becoming a Net controller, contact Frank, KA7QHG.

RISK

Submitted by Nils, WB7TJK

Maybe after reading the article on Elections you feel half-brave about giving it try? Well, here is a little more inspiration.

RISK

To laugh is to risk appearing the fool
 To weep is to risk appearing sentimental
 To reach out for another is to risk involvement
 To expose your feelings is to risk exposing your true self
 To place your ideas and dreams before the crowd is to risk their loss
 To love is to risk not being loved in return
 To live is to risk dying
 To hope is to risk despair
 To try is to risk failure
 To redecorate/remodel yourself is to risk looking like a fool to family and friends alike

But risks must be taken, because the greatest hazard in life is to risk nothing. The person who risks nothing, does nothing, has nothing, and is nothing; but he/she cannot learn, feel, change, grow, love, live. Chained by servitude, he/she is a slave, has forfeited freedom. Only a person who risks is free.

Author Unknown

GREETINGS FROM SAUDI ARABIA

Submitted by Jan, WA7HWX

Many of our Club members may not realize that we have a member residing in Saudi Arabia at the moment. Frequently, I have wondered if the monthly Relay ever makes it over. Well, this month, meet Jan Hart, WA7HWX. While basically a Christmas letter to friends, she felt this would be of interest to the ladies, but I think all of you will enjoy it. It creates an interesting perspective, and as one who has spent many years living outside the US, it brings back a lot of feelings and memories.

مع تيات الملة العربية السعودية

Greetings from the Kingdom of Saudi Arabia!

The holiday season is almost upon us and we will be spending yet another Christmas in the Land of Islam, sand, and camels. We don't where the time has gone. This last year has sped by and we can't believe it has been a year and a half since we have been away from family and friends.

Last holiday season found us not at all in the seasonal spirit. We were away from all things that were familiar to us and in a totally new environment and culture. This past year, we have learned patience and tolerance. We have made friends but find ourselves thinking more and more of our family and friends who will be enjoying their Christmas and New Year holiday in the States.

In the States, there were certain things we took for granted. Being able to shop at the Bon, JC Penny, or Nordstrom for that "just right" holiday dress; being able to have a choice of cards, ornaments, and wrapping paper; and even being able to pick out and by your own Christmas tree. Here in Saudi, when you see a can of mushroom soup, you buy it. Shopping for women's clothes is limited and tend to be "Saudi gaudy". There are a few stores that sell choices of seasonal paper and cards, but most women would die for a Hallmark shop. Christmas trees are NOT sold on the street corner; if you know where too look, you can buy a scrawny 2' plastic tree from about \$50. Many an American/British Christmas tree has been confiscated as it comes into the Kingdom in a household shipment only to be found later on the shelf of some obscure shop or decorating the living room of a prominent Saudi. Notice I have used the descriptive word "seasonal", "holiday is too much like "Holy Day" to the Saudi's.

For the most part, we have been comfortable here. Housing is more than adequate while the commissary

has improved over the past year. We have acquired a car so travel is a lot more appealing than the bus although the two hour drive to Dhahran is still long and tiring.

Night travel is scary as you never know when a camel will decide to wander onto the highway. The overall weather has not improved. This last summer found us sweltering in 120° heat with the evenings settling around the lower hundreds. Our "winter", which started several weeks ago, finds the daytime temperatures in the 80's, falling to the 50's at night. The temperature will continue to cool and as January approaches, it is possible to see a puddle of water along side the road with a slight film of ice on it. Unfortunately, the ice will melt all to quickly. The weather certainly does remind us of the "Great Pacific Northwest" and a fur coat to help me brave the elements is definitely not needed here.

The things we miss the most: the smell of a wood fire burning; oysters and salmon from Puget Sound; cool rain (not just a sprinkle); antique shopping and finding that elusive eggbeater; cool clear drinking water; delicious tasting butter; Pike Place Market and Pioneer Square; being able to garden and not have the sun or the desalinated water (used for gardens) undue your hard work; being able to see and talk to our friends in the States and me, not being able to spoil my new grandson, Tyler.

The things that have helped us keep our sanity: the friends we have made and the knowledge that everyone here is in the same boat - missing someone or something; finding that shop that deals in anything that interests us; weekly shopping trips to the material souks in Al Khobar (the Saudi city adjacent to Dhahran) and our phone calls to the family in the States and hearing all is OK.

This last year has certainly been an experience. To describe it in words would be difficult. It has been a whole new ballgame - with different rules. The balls and bats are basically the same, but the umpire's rules are very foreign to the American way. You would need to experience it personally to understand the Saudi way of life. Remnants of the Gulf War are still visible. You see US soldiers buying rugs and gold for that someone back home and pieces of Scud missiles are being made into earrings, key chains, and paper weights.

I know that many of you do not like to receive those "tell us all about it only at Christmas" letters but in the interest of time and the Saudi mail system, this is the easiest and fastest way for me to go. I must apologize for not keeping in touch.

God Bless each and Everyone!

Jan Hart, WA7HWX

عنظ الله الجميع

NOVICE ROUNDUP

Submitted by Michael, WA7UVJ

Never say die! I'm gonna throw in a two prize's towards a Club challenge in the Novice Roundup. Hoping for more participation than my last two enticements brought out, here is a chance to win not dinner, but a "unique" gift guaranteed to set you apart from the crowd.

How to win? Just follow the rules published in the January QST and get on the air. The highest scoring Novice or Tech entry wins as well as the highest scoring General and above. Just submit a copy of your official contest summary to me by the February Club meeting. Family teams (there are a few in the Club) are encouraged, even if one of the members is a General or above (a Dinkelman rule), but the contacts gotta be made by Novice's or Tech's only or you'll be classified as a General or above. You are on your honor.

The Novice Roundup is a great beginner's contest. On CW, it's sloooww and you know what 10M SSB is like. This year, it runs from January 30th to February 7th and that includes two weekends. Contestants can only operate a total of 30 hours during those nine days so you need to make a good plan of attack. Only bands available to Novices are allowed but these do include 222 and 1270 MHz. You can use SSB and FM but repeater contacts are not allowed. Digital mode contacts (CW, RTTY, and Packet) are worth two points and voice contacts are worth one. See the published rules for greater contest details.

Well, how about it? It's a pretty laid back contest and you'll be competing against other Novices and Tech's. You can do it evenings or when the sun is up. High bands, low bands, or all bands! If you have a computer, you can let a contest program like NA (see review) do all the dirty work although this contest is easy enough to score by hand. Who knows, you just may find contesting a new and exciting activity in your amateur radio world. Anybody up to the challenge?

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 is in charge. 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 volunteering?

REPEATER COMMITTEE

Ken Rau (K7YR)
Jack Burrell (KB7ZS)

PUBLIC SERVICE

Chuck Stroehler (WA7EBH)
Wayne Moddison (K6DOW)

VE EXAMS INFO

Jim Christiansen (K7ND)
Michael Dinkelman (WA7UVJ)

ELECTIONS COMMITTEE

open

FIELD DAY CHAIRMAN

Jack Burrell (KB7ZS)

FIELD DAY BAND CHAIRS

All open at this time

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)

AWARDS BANQUET

Jan Van Allen (N7WJB)

FLEAMARKET TABLE REGISTRATION

Diane (KB7DNE)

SOFTWARE REVIEW - NA

Submitted by Michael, WA7UVJ

For those who contest regularly, computers are a must to eliminate the drudgery and inaccuracy of submitting logs. There are two principal software packages out that make this chore a thing of the past.... CT and NA. It used to be that CT was for DX contests and NA covered the domestics. Now both have expanded to cover most of the available competitions. I have always liked NA and recently purchased Version 7.07 which I review here.

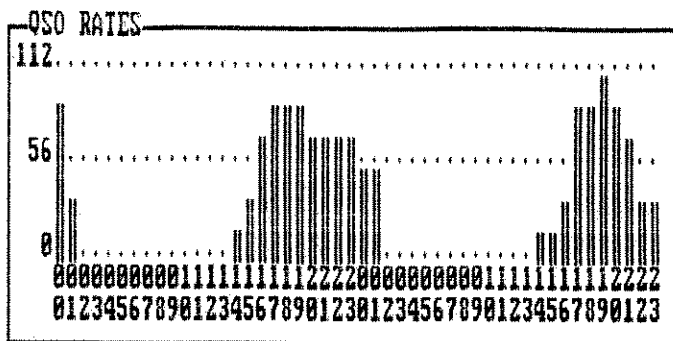
WVE MULTIPLIERS WANTED ON: CW WY SD NF MB R1 LB AB R2 NWT R3 YUK						RATES Last 10 QSOs: 40 Past 10 QSOs: 44 Last 100 QSOs: 43 Overall rate: 71 Mins per Mult: 16.4 Off Time: 25:21																																																		
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NA CONTEST LOGGER

For those that have never seen contest software, a sample screen is shown above. For NA, it consists of several "windows" for logging, scoring, rate, and a multifunctional window in the upper left. As contacts are logged in real time, they are displayed in the lower left window. Your current score including multipliers and dupes is shown for each band in the lower right window and your rate (how fast you make contacts), is in the upper right window.

The current version of NA has many more features than the one I bought just two years ago. These include...

- programmable screen colors (a must especially for portables).
- new functions for the multifunctional window including a rate meter (shown below), custom reference display, and improved multiplier listings.



- improved function keys (F1-F12) including a KILL LINE (F11) instead of the old CTRL-K (required pressing two keys) function.
- DX and VHF/UHF (grid squares) contest support
- a looping feature for the CQ key (F1)
- the ability to link together multi-o, (and multi-computer) stations
- automatic ARRL ASCII format file creation for disk submissions
- a quick start mode that eliminates the startup screens once set.
- a CW practice mode for warming up before the contest. You send and receive contest exchanges and check your results from a file that records what was sent and logged (I like it!).

Unfortunately, this program arrived the day AFTER the 10 Meter contest. I would have really loved to pound on it. (Not to mention change the screen colors on the computer we were using - my aching eyes!). So, I did the next best thing, I dumped the 10 Meter log into it and played around. I also did some practicing for the upcoming winter Sprint contest.

The results? Well, it did crash when I try a feature that PRINTS a rate breakdown during real time logging but that isn't a feature I will ever use (although I will inform the author). I also wish the program could recognize and convert the local time to GMT

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but it's easy to change date/time within the program so it's a small hassle at worst. All in all, the \$40 bucks was well worth it (it's hard to find even shareware that cheap these days) and I expect to get a lot of use out of this version of NA. In fact, I've wiped CT off the hard drive for now. NA is available from LTA, POB 77, New Bedford, PA 16140. They usually have an advertisement in the National Contest Journal.

GENERAL MEETING MINUTES 12/19/92

Submitted by Lee, KG7OW

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

Report of Officers:

President: Chuck, WA7EBH; Need more donations for the coffee and donut fund. Called for a motion to approved last months minutes of the meeting as published in the RELAY. Gib, W7JIE made the motion. Motion carried.

Vice President: Nils, WB7TJK; Absent, was involve in auto accident. A report on Nils' condition was given by Frank, KA7QHG. Chuck, WA7EBH; Applicants for membership are P.J.Hicks and Victor Carter. Both applicants were absent. Jackets and T-shirts were ordered. They should be in next month.

Treasurer: Jack, KB7ZS; Salvation Army is asking for volunteers to man their Kettles. Also we have a Kettle being passed around for donation.

Activity Manager: Chuck, N7STR; Our annual Grand Prize drawing will be held today, you do not have to be present to win.

Radio Officer: Ken, K7YR; Reminded everyone using the repeater of the delay to access the 2 meter repeater.

COB: Ralph, WX7T; Absent due to illness; Chuck, WA7EBH was in communications with him and Ralph wanted to know how many of the members have soldered BNC connectors. Ralph needs instructors to put on a demonstration at ARS on January 29th 1993 on how to properly install PL-259, Type N and BNC connectors.

Committee Reports: Wayne, K6DOW; Public Service; At the end of February we will have the Winter Special Olympic in Wenatchee. If interested to help see Wayne or Chuck, WA7EBH.

Long Range Planning: Carolyn, WV7Q; The work has been done and waiting on the Constitution and By Laws Committee.

Constitution and By Laws: Ray, WA7EKH; On vacation.

Relay Editor: Mike, WA7UVJ; Let Jack, KB7ZS know if you have a change of address, Call, etc. Still need articles for the RELAY.

Net Report: Frank, KA7QHG; Need more people committed as net controllers for the Wednesday night net. The Net is doing ok and we're getting more people checking in.

Flea Market: Chuck, WA7EBH; Next meeting is here at 7:30 PM, January 7th. The sign up work sheet for different jobs is being circulated again today. Need a lot of help. There will be no walk in assignments. Mary, W7QGP; Discussed the Club Flea Market and other Flea Markets in general.

Chuck, WA7EBH; Complimented the Christmas Party Committee for a job well done. The Christmas party was great. Wayne, KB7OTS, Wayne; Party Chairman; Everything turned out fine. Ken, K7PZX; Discussed the money allotted for the Christmas Party and how past parties were conducted.

Banquet Committee: Chuck, WA7EBH; Jan, N7WJB has volunteered to be Chairman of the Banquet Committee.

Field Day: Jack, KB7ZS; Will be making reservation for the Barracks, etc. at Fort Flagler in January. We're still looking for a Field Day Chairman.

ARRL: Mary, W7QGP; Received word from ARRL that FCC has a back log in issuing of licenses of approximately 90 days.

Old Business: Tom, N7VDU; Need some old equipment that some one don't have any use for to put in a display case for the libraries.

Budget: Chuck, WA7EBH; The Budget was published in the RELAY. Chuck called for a motion that the budget be accepted as published. The motion was made and second. Jack, KB7ZS explained the budget. A motion was attempted by Joe, N7ZWD, but was ruled out of order because a motion was

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already on the floor. Discussion was held on the Christmas Party, Picnic and the Banquet budget. Carolyn, WV7Q made an Amendment to the motion to remove all itemization from the budget and have just a total dollar figure for the functions of the club and that the chairperson of the committee shall verify with receipts to the board before the money is allocated. The amendment passed. Another discussion followed. Carolyn, WV7Q made an amendment to the amendment to the motion to remove the itemization and leave only a total dollar figure for the social functions of the club to include only the Club Christmas Party, the Club Banquet and the Club Picnic. The amendment passed. A motion was then made to approve the budget with the amendments making the Christmas Party, Banquet and Picnic being the line item amounts, removing the itemization for these three social functions leaving only the total dollar figure. Motion carried.

Pete, KG7OZ: Pete will be going to Aruba in January and will be operating on 23.310 MHZ starting on the 23rd of January at 10:00 and also on 28.480 MHZ at 10:30.

A break was taken from 10:50 AM. The meeting called back to order at 11:05.

Chuck, N7STR, Joe, N7NKA and Chuck, WA7EBH gave a presentation on "Emergency Preparedness".

Chuck, N7STR held the regular door prize drawings, followed by the Grand Prize drawing. The Grand Prize being a computer station (furniture) was won by Ermano Rusi, N7VIQ.

Meeting was adjourned at 12:03 PM by the President Chuck, WA7EBH.

BOARD MEETING MINUTES 01/05/93

Submitted by Lee, KG7OW

The meeting was called to order at 7:34 PM by the Chairman of the Board Ralph, WX7T. Present were Ralph, WX7T; Chuck, WA7EBH; Nils, WB7TJK; Lee, KG7OW; Jack, KB7ZS; Ken, K7YR; Mike, KG7MX; Wayne, K6DOW; Chuck, N7STR; Carolyn, WV7Q. Absent: Dan, N7NKO. Visitors were: Eric, N7DLV; Vaclav, AA7EJ; Frank, KA7QHC; Mike, WB7AYU; Dan, N7QHC.

Ralph, WX7T called for a motion to approve the minutes as published in the RELAY. Motion was made and carried.

Old Business: Ralph, WX7T; On the Antenna ordinance. The Representative that introduced the Bill in the House did not seek re-election. Ralph is trying to make contact with local government committees in Olympia. Ralph ask for an up to date roster of the other clubs in the state.

Ralph, WX7T: Discussion held on the demonstration to be held at ARS on how to solder coax connections, best connections and coax to use for certain frequencies.

Report Of Officers:

President: Chuck, WA7EBH; Discussed the Motion and Amendments made and passed at the last meeting. This was thoroughly discussed by all Officers present.

Treasurer: Jack, KB7ZS: Read the financial statement of the Club. Books are open to the membership. Ask when was a member who had not paid his/her dues be dropped from the roster. Chuck, WA7EBH: Three months. This is the way it was handle in the past.

Trustee: Mike, KG7MX; Discussed the possibility of the Club having Elmers to help new Hams. Have something like a board of Elmers.

Radio Officer: Ken, K7YR; There is available a 2 foot crank up tower that would fit on the tower trailer free. If interested Ken will check with the party involved.

Trustee: Wayne, K7DOW: Referred the question raised at the last meeting as to why a member had to be present to win the door prize. The purpose of the drawings was to keep the members for the whole meeting.

Activity Manager: Chuck, N7STR; Have activities planned through July.

Trustee: Carolyn, WV7Q; Presented to the Board the recommendations of the Long Range Planning Committee. A copy is attached to the minutes of this Board's minutes as this is part of the meeting.

Secretary: Lee, KG7OW; Received a Christmas Card from our honorary member, Laif, LA700 from Norway. The card was read.

Vice President: Nils, WB7TJK; Still holding the applications of 2 members, Victor Carter and P.J. Hicks. Checked on club meeting stats: Had 102 visitors, 97 attended club meetings and 5 attended board meetings. Also brought in a total of 37 new members for the year.

Two Meter Net Coordinator: Frank, KA7QHC; Still looking for one more net controller.

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Vaclav, AA7EJ: Discussed the Emergency Preparedness presentation and also commitments. Vaclav feels that too many articles are being repeated in the RELAY.

Dan, N7QHC: Dan brought a guest in the last meeting who was interested in Emergency Preparedness and wanted to know how he could get involved in this program. He has experience with the Red Cross and also with REACT. The guest is now a Ham having just received his ticket. Dan received his answer from Carolyn's presentation of the Long Range Planning Committee recommendations.

The meeting was adjourned by COB Ralph, WX7T at 9:47 PM.

UPCOMING ROSTER PUBLICATION

Submitted by Michael, WA7UVJ

A new roster is scheduled to be published in one of the upcoming Relays. To make sure your information is correct, check the address label on the front of this newsletter. If it isn't, please get the correct information to the Treasurer. While it may sound repetitive, many of you haven't done it.

FROM THE WRITERS BLOCK

Submitted by Michael, WA7UVJ



I'm a little ticked....
(UH OH! WARNING, WARNING! NASTY EDITORIAL COMING UP - RESET, TAKE 3 DEEP BREATHS, COUNT TO TEN SLOWLY. 1, 2, 3,.....)

- NASTY EDITORIAL ABORTED -

VE EXAMINATIONS

Submitted by Michael, WA7UVJ

Just a reminder that VE examinatinns continue to be held each third Saturday at the Renton Good Neighbor Center at 1PM. Just south of the Valley Medical Center across

43rd Street, it offers the most convenience for examination purposes. (I did note during the Club 2 Meter Net Preamble a couple weeks ago that they were announced as being at the Salvation Army HQ - that should be corrected.)

Examinations are held on a walk-in basis. Just bring a photocopy of your ticket and any certificates, plus the required fee. It should be stated that while many M&K members are involved in these sessions, they are NOT officially associated with the Mike & Key ARC. If you have any questions about VE Examinations, feel free to call Jim (K7ND) or myself.

FROM THE WRITERS BLOCK - TAKE 2

Submitted by Michael, WA7UVJ



It's beautiful outside as I'm writing this (even though I know it's colder than a) and my thoughts already are turning to Spring. Nothing like a little sunshine to start breaking up that Winter slumber. Well, Spring is also an important time for the Mike & Key.



Just a couple weeks before Spring officially starts, the Mike & Key Electronics Show and Flea Market occurs. Unfortunately, a freeze has descended upon the worker signup book and we need an influx of members to thaw it out. The equipment chairman (Nils, WB7TJK) requires 6 more people to fill out his schedule. The pallet crew (see Frank, KA7QHG) needs 15 in addition to what he has, while only three persons have signed up to sell tickets and Lori (N7LCO) needs 10 in all. For security purposes, (Jerry, WA7BUY) security needs an additional 10 persons and the ARRL booth (Mary, W7QGP) needs three more.

Our Club consists of over 160 members and up to 70 usually attend each Club meeting. It shouldn't require this much pleading to fill out the assignments required to do the job. Sure, if nobody else signs up, the show will go on but all involved will have to work that much harder and that isn't fair. Don't forget that spouses, family members, and friends are welcome as helpers too.

Callup, Signup - TODAY. Then, enjoy the

MIKE & KEY ARC CALENDAR

January 10 - February 13, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Jan 10	Jan 11	Jan 12 7:30pm WWDXC Meeting	Jan 13 7:30pm Club Net on 146.82 Repeater	Jan 14 7:00pm Public Service Net	Jan 15	Jan 16 7:30am Club Breakfast 10:00am Club Meeting 1:00pm VE Exams
Jan 17	Jan 18  Martin Luther King, Jr.	Jan 19	Jan 20 7:30pm Club Net on 146.82 Repeater	Jan 21 7:00pm Public Service Net 7:30pm PARS Meeting	Jan 22	Jan 23
KG7OZ DXPEDITION TO ARUBA (P400Z)						
Jan 24	Jan 25	Jan 26	Jan 27 7:30pm Club Net on 146.82 Repeater	Jan 28 7:00pm Public Service Net	Jan 29	Jan 30
KG7OZ DXPEDITION TO ARUBA...			CQWW 160M Contest			
NOVICE ROUNDUP				NOVICE ROUNDUP		
Jan 31	Feb 1	Feb 2 7:30pm Club Board Meeting	Feb 3 7:30pm Club Net on 146. 82 Repeater 7:30pm Issaquah ARC Meeting	Feb 4 7:00pm Public Service Net 7:30pm Flea Market Meeting	Feb 5	Feb 6 10:00am Boeing ARC Meeting 1:00pm VE Exams - Kent (KF7VG) 4:00-8:00pm Winter Sprint (CW) - 1993
CQWW 160M Co...		NOVICE ROUNDUP				
Feb 7	Feb 8	Feb 9 7:30pm WWDXC Meeting	Feb 10 7:30pm Club Net on 146.82 Repeater	Feb 11 7:00pm Public Service Net	Feb 12  Lincoln's Birthday	Feb 13 8:00am SeaTac Repeater Group 10:00am VE Exams - Riverside Inn 1:00pm NAPRA Meeting 4:00-8:00pm Winter Sprint (SSB) - 1993
NOVICE ROUND...						