

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.

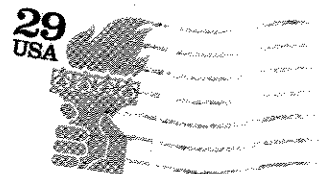
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PRESIDENT	- Chuck Stroehner, WA7EBH	Tel:392-5303	TRUSTEE #1	- Chuck Benefiel, N7STR	Tel:862-1157
VICE-PRESIDENT	- Nils Hallstrom, WB7TJK	Tel:242-8271	TRUSTEE #2	- Carolyn Pasquire, WV7Q	Tel:862-1157
SECRETARY	- Wayne Deviney KB7OTS	Tel:235-8722	TRUSTEE #3	- Vaclav Sal, AA7EJ	Tel:668-7138
TREASURER	- Jack Burrell, KB7ZS	Tel:454-3617	TRUSTEE #4	- Jan Van Allen, N7WJB	Tel:824-9039
ACTIVITY MNGR	- Kevin Purcell N7WIM/G8UDP	Tel:726-8032	TRUSTEE #5	- N. Michael Hansen, KG7MX	Tel:232-1069
RADIO OFFICER	- Ken Rau, K7YR	Tel:222-7711	EDITOR	- Michael Dinkelman, WA7UVJ	Tel:854-4031

RELAY EDITOR
MICHAEL DINKELMAN
637 2ND AVE S
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FIRST CLASS MAIL

NEXT BOARD MEETING

June 1 @ 7:30PM
Salvation Army HQ
720 Tolbin, Renton

NEXT BREAKFAST

May 15 @ 7:30AM
Riverside Inn
14060 Interurban So, Tukwila

PETE HEDBERG
K7WTG 94/01
20904 NE 77TH ST
REDMOND WA 98053

NEXT CLUB MEETING

May 15 @ 10AM
Salvation Army HQ
720 Tolbin, Renton
Doors open at 9:00
Program - Introduction to Packet and the NW Packetcluster



Yakima Hamfest, May 15
SeaPac Convention, June 5/6
Field Day, June 25/27

CHECK MAILING LABEL FOR DUES EXPIRATION DATE

From the Prez
Submitted by Chuck, WA7EBH



Are you ready for the next two busy months? With Seaside coming up and Field Day fast approaching, time will really fly by. For the newcomers to our Club, Field Day is a major club activity. If you would like to help out, see Vaclav, our FD chairman, at the next meeting. Also, the By-Laws Committee has finished the draft of the revised By-Laws for presentation to the Board for comments and adoption.

I have been advised by our Treasurer that we will need to elect a Trustee at the next meeting, as one of them let their dues expire. According to the By-Laws, if an elected official becomes delinquent in dues, he is no longer an officer and can not regain his position by payment of back dues. So come prepared to vote on a new Trustee.

Along with the good weather (ha ha) and summer months approaching, it's public service time again. The Summer Special Olympics on June 5th and 6th, if you're not going to Seaside, need help. Contact Wayne/K6DOW for more info. Also, the Seafair Parades are coming up in May, July and August. I have mailed out sign up forms to those who helped last year, if you didn't get one or would like to help out in this fun event, see me at the meeting, I will have forms available.

BALLARD PARADE - Monday, May 17th at 6 PM, the annual Ballard Nordic Days Festival will have their parade. We provide communications for this annual event and even help put the parade together and get it down the street. I need help from about 4:30 PM until around 8 PM. If you are interested please call me at 392-5303. When its all done we usually go somewhere and have something to eat and drink, and swap tall tales.

Enough for this month. See ya at the meeting.

Treasury Report, April 1993
Submitted by Jack, K87ZS

The Financial report for April is noted below:

INCOME

Dues	\$	105.00
Raffle Profit		19.00
Miscellaneous		00.00
TOTAL	\$	124.00

EXPENSE

Relay	\$	177.28
Field Day		200.00
Banquet		21.82
Hall Rental		187.50
Fleamarket		29.47
Repeater Site		90.00
Expended, Plant		148.81
Public Relations		630.00
Misc		20.00
TOTAL	\$	1,504.88

EXCESS/DEFICIT \$ (1,380.88)
=====

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.

Upcoming Activities



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

May 15 - Club Meeting Program, a 'primer' to getting on Packet Radio and an introduction the Northwest PacketCluster. Program by WA7UVJ.

May 29/31 - Memorial Day Weekend. Play it safe!

June 19 - Club Meeting Program, final preparations for Field Day.

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


July 17 - Club Meeting Program, "New Items in Amateur Radio". Program by ICOM.

August 21 - Club Meeting Program, Antenna Tuners. Program by K7GCO.

August 28 - Club Picnic

UHF/VHF News

Submitted by Jim, K7ND



There are VHF conferences coast-to-coast that have been around for some time. However, none have been done in this corner of the country. Last year, two get-togethers were organized, one quite successful, one not too successful.

Last month, Bill, KE7CX, put on the modest beginning of a Pacific Northwest VHF/UHF conference. Maybe. It's continuing existence will depend on someone else carrying the ball, but that's another matter.

Friday, April 16th, saw most attendees straggling into the Portland area from as far away as Penticton, BC and western Montana. By that evening, 25 or so people had congregated at co-host Terry, W7ZRS's QTH in Oregon City.

Saturday was the day of the main event with 60 Hams showing up for a buffet meal and four very good talks by area experts. Russ/N7ART, discussed antennas and pre-amps; Bill/NOXX, from DX engineering, talked about BIG antennas; Shep/W7HAH, covered recent 6 meter EME efforts; and Bob/W7UPA showed off his 10GHz SSB equipment. The 10GHz equipment runs 7 WATTS of OUTPUT power. Every agreed that the conference was a good idea and we ought to do it again. Lots of folks drifted over to Bill's/KE7CX QTH for hamburgers and more lies after wards. It was one of the better weekends.

May Program

Submitted by Michael, WA7UVJ

Our Club attracts a lot of newcomers. In that vein, I've been asked a fair number of questions about packet (among other things). What's packet? How do I get on? Why do I want to get involved? This month, our program will discuss just that topic.

This will not be a in-depth discussion of the history or fine points of operating packet. Instead it will revolve around, "what do I need", "where do I get it", and "how do I get on". After that, we will talk a little about what you can do with it including an introduction to the Northwest's Packetcluster network.

I totally expect this presentation will be complete in the half hour allocated so you can see there will not be much room for discussion on the esoteric modes of packet hacking. Most of the information will revolve around my experiences and the information I have picked up personally so the view may well be somewhat biased as well. I hope you will find it interesting.

Examination Info

Submitted by Jim, K7ND

The current Novice/Technician question pool expires June 30th of this year. The new question pools have been totally revised including a 10% reduction in the number of available questions and a reduction of the reading level to Junior and Senior High School levels.

If you are currently studying or are assisting someone who is studying these elements, be aware that exams after July 1st will be from a new question pool. There should be new study guides available by the end of April. The ARRL book Now You're Talking has a new subtitle so be sure that you are using the version applicable to the test being taken. All publishers should have an expiration date near the front of the book. The next question pool to be revised will be for the General class. They will expire next year, July 1, 1994.

If you will be giving someone the Novice test after June 30th of this year, be sure to obtain a test from the new question pool. If you can't find one, I'll be happy to supply one. I'll have them available near the end of May.

Yup! Field Day is only 6 weeks away. Whether you are joining in the Mike & Key effort or 'rolling your own', it requires a lotta equipment and supplies to put on a successful Field Day. You may wish to use the following list to ensure your participation is as effective as possible. Needless to say, if you have any more items to add, write them down so you don't forget them.

Personal Items

- Food & Utensils
- Snacks
- Beverages (don't forget Miller time)
- Rain Gear (yes it does rain in June)
- Coat
- Work Gloves
- Toiletries
- Lantern
- Stove/BBQ
- Fuel for Stove/BBQ
- Flashlight (it gets real dark out there)
- Extra Batteries (both nights)
- Matches
- Sleeping Gear (who sleeps?)
- Alarm Clock
- First Aid Kit
- Trash Bags
- Water Buckets
- Insect Repellent (1 gallon, minimum)
- Sun Screen Lotion (just in case it doesn't rain)
- Camera w/Film
- Cash
- Required Drugs (I ain't gonna say it)
- Reading Material
- XYL and Kids (maybe, maybe not)
- A great attitude

Field Day Chairperson

- FCC License
- Log Sheets
- Rules (there are rules??)
- Generators

Band Chairpersons

- Transceiver (TS950, FT1000, or IC781 anyone?)
- Power Supply, if required
- Antennas
- Spare Fuses
- Extension Cords (3 wire, no wimps)
- Transmatch
- SWR Bridge
- Scratch Paper
- Pencils/Pens
- Microphone (heaven forbid!)
- Key and Keyer (only way to go)
- Clock
- Operating Table
- Chairs (nice comfy ones)
- Headphones (2)
- Tower/Mast
- Guy Lines
- Guy Ropes
- Rotor w/cable
- Feedline w/connectors
- Mechanical Toolbox
- Electrical Toolbox
- American Flag
- Safety ribbon for Guy Lines
- Lights
- Sledge Hammer
- Hard Hat
- Climbing Belt
- Tower Guy Anchors
- 2 meter Rig
- Backup Rig
- Ground Stakes
- Electrical Tape
- Duct Tape
- Computer w/Duping Program
- Multiple Outlets
- 50/100 foot Measuring Tape
- Weed Wacker
- Battery Chargers

Don't forget to let people know where you are going. You may wish to leave the phone number of a Ham NOT going to Field Day with relatives or friends so they can contact the site in case of an emergency. And remember, the idea is to have fun. - WA7UVJ



Who's Who

Submitted by Michael, WA7UVJ

As new members drift in, 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.

REPEATER COMMITTEE

Ken Rau (K7YR)

Jack Burrell (KB7ZS)

PUBLIC SERVICE

Chuck Stroehrer (WA7EBH)

Wayne Moddison (K6DOW)

VE EXAMS INFO

Jim Christiansen (K7ND)

Michael Dinkelman (WA7UVJ)

FIELD DAY CHAIRMAN

Vaclav Sal (AA7EJ)

LONG RANGE PLANNING

Rick Antes (KF7VG)

Carolyn Pasquier (WV7Q)

NEWSLETTER

Michael Dinkelman (WA7UVJ)

BADGES, JACKETS, T-SHIRTS

Club Vice President

Niils Halstrom (WB7TJK)

CLUB PROGRAMS

Club Activity Manager

Kevin Purcell (N7WIM/G8UDP)

From the Writer's Block

Submitted by Michael, WA7UVJ



The older I get, the faster the seasons come and go. I am told this is a universal observation but it is disturbing none-the-less. With the end of May comes the last gasp of the contest season and the end of amateur radio projects and activities until the Fall (sigh!). Instead, it is time to work the garden, do a few picnics, and enjoy what

little sunshine we do get. Well.... almost.

Contest wise, Field Day is lurking just around the corner. It is a neat way to combine radio and the outdoors. Who ever thought of it deserves a statue in his honor. Better yet, participate and keep the dream alive. Also, there will be a smattering of other contests from the ARRL VHF QSO Party in June to one of my favorites, the IARU Radiosport in July. Watch your radio ragsheets for information.

Contesting not your cup of tea? How about standing on a crowded street corner in an orange vest talking in clipped sentences? You like that? Hey, have we got some events for you! Parades, Special Olympics, and X-athons are occurring virtually every week from now through August. Check your Puget Sound Amateur Radio Information Guide. Contacts persons are listed inside. It can be a blast, especially if VHF/UHF is all you got.

Summer time is also convention time. Yakima will happen this weekend and Seaside, the Northwest biggie, is just a couple weeks away. There are others including the Northwest DX convention - just read those magazines for information.

How about antennas? While we all know that an antenna will only perform properly if installed in the rain, you can get ready for next Fall and the return of propagation by planning those new antennas NOW. Gather those parts, make those measurements, and put some FEAR into your neighbor.

Finally, tired of the SOS on the 2 meter repeater and the limitations of your license? Well, summer is an excellent time to upgrade. The license manuals available these days are quite good and test sessions are available every weekend and some week nights. Just remember "Extra or bust!".

Yeah. Summer just might be fun this year. To heck with the garden, where are those plans for that four element Quad.....

WANTED

High voltage Transformer
(700-800 volts) for homebrew
Amplifier project. Maybe you
have one in your junkbox that
needs a good home?
Mike/N7PGZ, 232-1069

DO WE WISH TO ABANDON OUR YOUNG HAMS?

After last meeting I was approached by Doug Garman KB7SXE/ag. He is a brand new member and I think he has some good ideas.

The discussion came about from my comments at the club meeting regarding the poor operating habits on the two meter repeater. I made the comment about the new licensed Amateurs who for many reasons were encouraged to get their Amateur Radio license, but were never given and advice/training on "How to operate."

I especially have problems with parents and friends who pump up the younger folks, say 9 to 16 years of age, but fail to provide adequate training on the "How To" aspects of operating. These young people then get on the air with no experience to do their thing, the unfortunate thing is that this sometimes offends some of the "old timers" who usually react with some verbal jab, which devastates and sours the young people to a point where they go away.

An example is as follows. On one of the largest coverage repeaters a while ago a young voice came out, just after several conversations by other amateurs, announcing his call, name, and age and asking "Would anybody like to talk to Me?" DEAD SILENCE !! What the hell do you think went through this young fellows mind? Is this a good thing? I don't think so, how about you?

What about the endless dribble that can be transmitted between two teenagers on the telephone? It may be dribble to you and I, but let me tell you, its not dribble to the participants, its something they want to do, its something they enjoy, and its legal. Just because you don't care for it, is it wrong? I don't think so. What do you think? Is it any different than someone who likes CW, 75 Meter Rag chewing?, DX?, Contesting? EME? ETC., ETC.?

We now get down to the point of this article, WHAT CAN WE DO? WHAT CAN THE MIKE AND KEY AMATEUR RADIO CLUB DO? I am going to tell you. For endless club meetings, endless board meetings, and endless conversations, we in the club bitch about not having any young people entering into our club. What have we done to encourage them? Not very much.

Now here's the deal, this is a sure fire way to not only make the young people feel welcome, but feel wanted and sought after.

1. Provide them with their own repeater. Provide them with guidance, and direction on how to use it. Make them responsible for its operation, these guys and gals have demonstrated by getting their license that they are interested and ready.
2. I would propose that we assign the prime function of the 220 MHz repeater for operation for and by the young people of the Puget Sound area. The repeater is underutilized, less than ten people regularly use it, its wide coverage, and would be a great opportunity for us to get to know the young people.. It would be a great opportunity for the young people to meet one another. It would be a great opportunity for the young people to grow and mature in a constructive atmosphere rather than the adversarial one they now face.
3. Conduct nets, provide training for emergency communications. Provide technical help. Make them responsible. Its my opinion that these guys and gals can provide the discipline and "guidance" to each other far better than us fossils can.

I feel that this is a win win deal for us all. The club gets new young members, the young people have a place to "Hang out". The young people get "invisible" training. The young people feel wanted and not abandoned. Amateur Radio will grow. And us old fossils won't have to listen to dribble unless you want to! SUCH A DEAL! AND ITS ALMOST FREE, And everybody wins.



I have had comments about the expense of getting 220 gear. I would submit that its no more expensive than a new video game with a couple of cartridges.

What do you think? Do you want to help? Is this a good idea? Do you want to kill me? Do we need young people in our club? Do we need to encourage them? Any other suggestions? Is this a dumb idea? Do you want to abandon young hams? Let your board members know.

Ken Rau
Radio Officer

MIKE & KEY ARC CALENDAR

May 9 - June 12, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>May 9</p>  <p>Mother's Day</p>	May 10	<p>May 11</p> <p>7:30pm WWDXC Meeting</p>	<p>May 12</p> <p>7:30pm Club Net on 146.82 Repeater</p>	<p>May 13</p> <p>7:00pm Public Service Net</p>	May 14	<p>May 15</p> <p>Yakima Hamfest Armed Forces Day 7:30am Club Breakfast 10:00am Club Meeting 1:00pm VE Exams</p>
May 16	May 17	May 18	<p>May 19</p> <p>7:30pm Club Net on 146.82 Repeater</p>	<p>May 20</p> <p>7:00pm Public Service Net 7:30pm PARS Meeting</p>	May 21	May 22
May 23	May 24	May 25	<p>May 26</p> <p>7:30pm Club Net on 146.82 Repeater</p>	<p>May 27</p> <p>7:00pm Public Service Net</p>	May 28	May 29
May 30	<p>May 31</p>  <p>Memorial Day (Observed)</p>	<p>June 1</p> <p>7:30pm Club Board Meeting</p>	<p>June 2</p> <p>7:30pm Club Net on 146.82 Repeater 7:30pm Issaquah ARC Meeting</p>	<p>June 3</p> <p>VE Exams (KF7QF) 7:00pm Public Service Net 7:30pm Flea Market Meeting</p>	June 4	<p>June 5</p> <p>9:00am Boeing ARC Meeting 1:00pm VE Exams - Kent (KF7VG)</p> <div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 5px auto;">SeaSide Convention</div>
<div style="border: 1px solid black; padding: 2px; width: fit-content;">SeaSide Convention</div>	June 6	<p>June 7</p> <p>7:30pm WWDXC Meeting</p>	<p>June 8</p> <p>7:30pm Club Net on 146.82 Repeater</p>	<p>June 9</p> <p>7:00pm Public Service Net</p>	June 10	<p>June 11</p> <p>8:00am SeaTac Repeater Group 10:00am VE Exams - Riverside Inn 1:00pm NAPRA Meeting</p>