



K7LED RELAY

The Relay is the official tabloid of the Mike and Key Amateur Radio Club. The Mike and Key ARC is dedicated to the growth and betterment of Ham Radio. We meet the third Saturday of every month at the Salvation Army Renton HQ, 720 Tobin St. near McLendon's Hardware store. The club operates repeaters on 53.05, 146.82 (103.5 CTCSS), and 224.12 under the call sign K7LED. The following nets meet on the 146.82 repeater: Club net on Wednesdays at 7:30 PM, Public Service net Thursdays at 7 PM. The Clubs mailing address is PO Box 2121 Kirkland, WA. 98083. All persons interested in Amateur Radio are invited to participate in the Mike and Key Club and it's activities. Yearly dues are: Single \$12, Family \$18.

VOLUME 23

JUNE 1995

NUMBER 6

PRESIDENT

Carolyn Pasquier WV7Q
862-1157

TREASURER

Charles Stroehrer WA7EBH
392-5303

TRUSTEE NO. 1

Tom Patterson N7VDU
432-1500

TRUSTEE NO. 4

Chuck Benefiel N7STR
279-1517

VICE PRESIDENT

Debra Hiraki KB7QMQ
242-8180

ACTIVITIES

G. Ray KB9HHK
313-0907

TRUSTEE NO. 2

Dan Humphrey N7QHC
243-0163

TRUSTEE NO. 5

Frank Henshaw K7VMG
931-8201

SECRETARY

Ryan Martin N7TNI
631-5370

RADIO OFFICER

Ken Rau K7YR
222-7711

TRUSTEE NO. 3

Al Hopwood KB7THX
747-5192 (COB)

EDITOR

Joyce Stroehrer N7JPW
392-5303

JOYCE STROEHER
19415 SE 21st ST.
ISSAQUAH, WA. 98027

BOARD MEETING

On last Tuesday at 7:30 PM
Salvation Army in Renton
Next meeting - JUNE 27th

CLUB MEETING

Saturday JUNE 17th at 10:00 AM
Renton Salvation Army HQ
720 Tobin St. Renton
By McLendons Hardware
Doors open at 9:30 for donuts
TALK-IN ON 146.82 RPTR

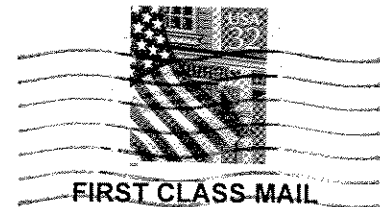
RELAY DEADLINE

BY THE FIRST OF THE MONTH!

JUNE PROGRAMS

Premeeting: Logging Software
Main Program: FIELD DAY PREPARATIONS

FIELD DAY JUNE 23, 24, 25
CHAIRMAN NILS WB7TJK 242-8271



HEDBERG, PETE K7WTG 96/01
20904 NE 77th ST
REIDMOND, WA 98053

CHECK MAILING LABEL FOR DUES EXPIRATION DATE!

The Prez Sez....
FIELD DAY IS COMING!!
FIELD DAY IS COMING!!
 Submitted by Carolyn, WV7Q

That means we get to pack up the tents, the sleeping bags, the radios, and the family and head for Fort Flagler...doesn't it? We get to have a potluck, eat Little John's Chili Extraordinaire, hoist the antenna's, explore the bunkers, and run around on the beach...doesn't it? I'm afraid we have all gotten caught up in Amateur acronyms and lost track of the "true meaning of Field Day." The sad part is, the new operators that frequent our meetings, and the family members that get roped in once a year, probably think we're a bunch of crazies heading for the woods with radio gear, pretending to be pioneers. (We do park our covered wagons in a circle).

The first and most valuable purpose of Amateur Radio is Public Service. The League's Field Day (Yes, it is sponsored by our own ARRL) is an Emergency Readiness Exercise held each year on the fourth full weekend of June. The purpose of the event is to encourage amateurs to produce portable stations capable of long-range communications at almost any place and under almost any condition. Alternatives to commercial power in the form of generators, car batteries, windmills or solar power are used to power equipment to make as many contacts as possible. Although you may not be operating from a tent after a disaster, the training you will get from Field Day is invaluable. A premium is placed on sharp operating skills, adapting equipment that can meet the challenges of emergency preparedness and flexible logistics.

Besides all that, we have a helluva good time.

So if you're still trying to decide whether to participate in Field Day this year, let me encourage you to DO IT for yourself, DO IT for your family, DO IT for your neighbors, DO IT for your community.

73! See you at Field Day.

Mike and Key General Membership Meeting
May 20, 1995

Submitted by Ryan/N7TNI

Present were:

President Carolyn/WV7Q, Vice President Debbie/KB7QMQ, Treas Chuck/WA7EBH, Secretary Ryan/N7TNI, Activity Manager G. Ray/KB7HHK, Trustee #3 Al/KB7THX, Trustee #4 Chuck/N7STR, Trustee #5 Frank/K7VMG, and RELAY editor Joyce/N7JPW..

Call to Order: Pledge of Allegiance. Welcome to members and visitors:

President - Carolyn/WV7Q asked that anyone having comments or concerns about the club or ideas on things we should initiate or get busy on, contact her at the phone number listed on the front page of this month's RELAY. She asked for additions or corrections to the minutes of the last meeting, as printed in the RELAY. It was moved, seconded and passed the minutes be approved as printed. Carolyn had an article in the RELAY expressing her ideas on things she would like the club to address the needs of the young people associated with the club. The Salvation Army asked that we do not congregate outside the entrance on the south side of the building during breaks. We can gather outside the west entrance

Vice President - Debbie/ KB7QMQ had membership packets for Barry/KC7BZG, Larry/KB7RLG, and Ted/KB7ZQQ. She had badges for Al/KB7MPU, Bill/KD0JU, Mo/WB0RTF, Carl/WA7SGE, Don/KB7UYA, Gordy/WA7AVC, Rick/KB7TBF, and Rick/WB6AWO. Debbie presented membership applications from George Wheeler (not present), Jerry Valentine/KC7EYN (not present), Phil Lester/WA7PMJ, Mo Pierce/WB0RTF, Bill/KD0JU Pierce, Merlin Stricker/KA7GVK, and Dan Hale/KC7IEI. The club membership voted to approve all of the candidates who were present.

Secretary - Ryan/N7TNI had received flyers for the Radio Club of Tacoma's Flea Market, Saturday August 12th, 1995. Charles Wright Academy. Ryan still has some WVARA repeater directories available for purchase.

Treasurer - Chuck/WA7EBH reported on the financial status of the club. The books are available for the members to inspect if desired.

Activity Manager - G. Ray KB9HHK needs ideas for future presentations. Call (206)-313-4649 if you have suggestions. Today's program will be a discussion on J-Pole antennas.

Radio Officer - Ken/K7YR was not present, due to work today.

Chairman of the Board - Al/KB7THX encouraged everyone to attend the board meetings, held here at the Salvation Army Headquarters, on the last Tuesday night of the month, at 19:30.

Committee Reports:

Public Service - Dan/N7QHC absent.

Carolyn/WV7Q announced that due to the busy summer schedule of Public Service events, the next meeting of this committee would be 19:00 September 21.

Technical Mike/WB7AYU had nothing to report. Anyone who wants to join the committee should contact Mike.

Michael/KG7MX asked when a report on the accuracy of the MFJ antenna analyzers could be published in the RELAY. If anyone is willing to help Mike get the results formulated and published, please contact him. Mike did report that the analyzers work pretty well if you follow the instructions carefully, and use the results correctly. They work very well for vertical antennas, but can give false results if the antenna impedance is not 50 ohms.

Strategic Planning - Chuck/N7STR had sign up sheets circulating. He would like to hold a short meeting after the program today, to determine a meeting schedule.

Education and Training - Frank/K7VMG announced that the committee is looking for a new chairman, since he is now a club trustee. They had a meeting last month, and are looking into ideas for an interesting youth project.

Facilities and Planning - Al/KB7THX announced that this committee is also looking for a new chairman, since he is also a new trustee. If you are interested in chairing this committee, please contact Al at the break. Al says that this committee does not take very much time. Finding a suitable trailer for a club station is still the number one priority. Al asked that the person who called him with a lead on a trailer please call him again. Al's cat ate the phone message.

RELAY Editor - Joyce/N7JPW asked that submissions for the RELAY should be in by around the first of the month.

ARRL - There was no report.

Field Day - Nils/WB7TJK reports that the following band chairs have signed up Jim/K7ND, 75 meter phone; Dean/N7KNO, 40 meter phone; Mike/WA7UVJ, 20 and 80 meter CW; Melissa/KB7SDC, Novice/Tech 10 meter phone. Chairs are needed for 15 & 40 meter CW, 20 meter phone, and 15 meter phone. A satellite station will be on the bluff if we have one. There are openings for 6 meter CW and phone, 2 meter solar packet and phone. Mike Hansen will operate 2 meter phone. Jan/N7WJB is Wagon Wheel Master, contact him at 824-9039. Mike Foster/N7GVQ (630-4106) is barracks master. He is looking for someone to tow the tower trailer to Fort Flagler, two hams to distribute flyers to campers, and a team of three or four people to put tents together. Chuck/N7STR will be the Pot Luck Chef, cooking from 1800 until 2000. Please bring fire wood if possible. Final Field Day planning will be the June meeting program

Net Report: Frank/KA7QHG presented the Most Valuable Field Day Player award to Melissa/KB7TFF, who was not able to attend the awards banquet in April. Frank has four net control operators, and will publish the schedule in the RELAY. He still needs one more operator. If you want to get involved, please volunteer. Ken/K7YR still has the Golden Alligator award, he's out there listening for a worthy person to give it to.

USS Missouri, Al/KB7THX, nothing new to report, they still need about 150 more operators. Members urged to sign up.

Old Business:

Jan/N7WJB reported on the finances of the banquet.

New Business: Chuck/KB7OS suggested a new column be featured in the RELAY for exchange of employment information, because of the rapid changes occurring in the work force. He volunteered to chair.

Good of the Order -

Stephen/KB7WKK announced that the University Street Fair is being held today until 2100 and tomorrow AM until 2030. Volunteers are welcome. Contact K7QMI or N7GAD on the 146.96 repeater.

Al/KB7THX reported that the Mike and Key club now has an E-mail address on the Information Superhighway. Contact us at MikeandKey@AOL.com

Wayne/K6DOW asked for help putting on the Washington State Special Olympics on June 3 & 4. The event will be held on Fort Lewis. From I-5, take exit #120. Talk, 146.58 simplex. Help is needed from 07:00 until 17:00 both days. There should be an open fort both days.

Nils/WB7TJK reported that the June issue of CQ magazine has an article on MFJ 259 antenna analyzers.

Raffle: The winners were: Marilyn/KB7WSH, \$15.00 ARS gift certificate; Jan/N7WJB, Ground Rod; N7UII, Ground Rod; and Pete/N7UIF, KL7BB code speed improvement tape.

Mike and Key Board Meeting, May 30th, 1995 Submitted by Ryan/N7TNI

Present were: President-Carolyn/WV7Q, Vice President-Debbie/KB7QMQ, Secretary-Ryan/N7TNI, Treasurer-Chuck/WA7EBH, Trustee #2-Dan/N7QHC, Trustee #3 - Al/KB7THX, Trustee #4- Chuck/N7STR, and Trustee #5-Frank/K7VMG, Visitors were Dave/KB7PSN, Dawn Humphrey, Frank/KA7QHG, Jack/KB7ZS, Jan/N7WJB, and Mike/WA7UVJ

The meeting was called to order by AI/KB7THX at 19:30

Officer Reports:

President: Carolyn/WV7Q got a call from a person willing to help out with an electronic construction project for our young folks. He can make the basic circuit boards for about 50 cents, and will create a list of parts available at Radio Shack stores, that would make it easy to obtain parts.

Vice President: Debbie/KB7QMQ has three applicants for membership. They are Bruce Hulse/W7GMI, John Mercer/ No call given, and David Lee/KC7FSR. After discussion, the board approved the three candidates for a membership vote at the June general meeting.

Secretary - Ryan/N7TNI had nothing to report.

Activity Manager absent.

Radio Officer absent.

Treasurer - Chuck/WA7EBH gave the financial report. As usual, financial data for the last year will be available for member's review at the next general meeting.. Chuck noted the 25th anniversary of the club is coming up in October. He moved those members with 25-year memberships receive dues paid lifetime memberships and plaques. The motion was seconded and passed. Chuck also suggested the October meeting be a special one.

Carolyn/WV7Q will chair the presentations with committee members Jan/N7WJB and G. Ray KB9HHK.

Standing Committee Reports:

Long Range Planning, Chuck/ N7STR reported that the committee now has 8 members, and will meet at 0900 before the next general meeting in June. A report will be in the next issue of the RELAY. They are looking to the future, and ways to retain members. Chuck would like to get a database created that contains the expressed interests of the membership. AI/KB7THX reported that Claire/KB7GEW would like to work on creating the database, and that we need to get the information to her.

Public Service - Dan/N7QHC reported the next meeting will be September 21.

Technical and Special Interest: Tom/N7VDU not present.

Education and Training-Frank/K7VMG held a meeting, to address the concerns of the President on getting young people involved, and they are committed to help out wherever possible. Prior to the June meeting, a short program on computer logging software will be presented by Amateur Radio Supply. Some ideas for future programs were discussed. The

next committee meeting will be held at 1930 June 5, South Center Denny's.

Facilities and Publicity - AI/KB7THX reports Nils/WB7TJK is the new committee chairman. They have five trailers to choose from, after Field Day and the Fourth of July holiday, the committee will decide on one trailer to present to the club.

Relay Editor- Chuck/WA7EBH was collecting articles for the next issue.

Field Day - Chuck/WA7EBH states Nils, is still looking for band chairs. The bug spraying and Sanican arrangements have been made, the event is in pretty good shape at this time.

USS Missouri Net/WW2END is held at 2000 each Tuesday evening on the club's 146.82 repeater. Mike/WA7UVJ has volunteered to help out with public relations. The Mike and Key club continues to become more involved with this special event. Club members who have signed up to operate will be notified within thirty days via the club liaisons, and at that time they can designate their preferred bands and hours. At this time, the plan is to have two hour long shifts. A person can work multiple shifts if desired. There are 250 shifts to fill, so far 75 operators are confirmed.

Unfinished/Old Business:

AI/KB7THX reminded the board that Nils is going back into the bee business, and needs to reclaim the space he has been using to store club equipment. AI had done some research on storage rates in the area, and reported to the board. There was a discussion on the current method of storing club assets. Jack KB7ZS said that the current method of having the equipment dispersed among the members seems to work pretty well. Things show up where and when needed, and the mechanical equipment is maintained. Any club member having assets or archives in storage in their home, who doesn't wish to continue storing them, should bring the situation to the attention of the President in writing, so a new home can be found for the items.

AI/KB7THX reported that the electronic address for the club reported at the General meeting was incorrect. **The correct address is MIKEANDKEY@AOL.COM**

New Business:

Dawn exhibited a engraved plastic pin that could be a fund raiser, promotional item or souvenir. Most anything that would fit could be engraved on the pin. Chuck/WA7EBH suggested this might be given to vendors as part of the 15-year celebration of the flea marked in 1996.

AI/KB7THX noted that we vote in new members each month, but we seem to lose about the same. AI would like club to work on membership attrition. Carolyn/ WV7Q asked for a list of memberships about to lapse each month so she can contact them personally. After discussion of why people join the club, why they may drop out, and what the club can do to address the interests of the members.

Jan/N7WJB asked if the club could buy laptop computers for use at Field Day at the operator positions. It was felt this proposal should be considered by the Long Range Planning Committee. It as moved, seconded to buy the computers. Motion failed.

Good of the order: AI/KB7THX announced that he would not be able to attend Field Day, he will be on vacation in Europe.

Meeting adjourned

Internet/Packet Radio BBS Gateway

Submitted by: AI KB7THX

There is certainly a lot of talk about Internet and the information super highway. Radio is the center stripe on the highway! Packet radio makes it possible for hams to send E mail to non hams and visa versa. Jim Durham, W2XO, maintains a gateway between Internet and the Packet radio BBS system. To mail from Internet to Packet: 1. Mail to: "bbs@w2xo.pgh.pa.us" 2. Make the first line of the text a Packet BBS "send" command, i.e.: SP TOCALL @ BBSCALL.ROUTING-HINTS < FROMCALL 3. The "subject" line of the Internet mail becomes the "title" line of the Packet BBS mail. NOTE: Because of FCC regulations, Jim must hand-filter each message sent FROM Internet TO the Amateur Packet Radio BBS system. Messages should be of minimal length and appropriate content. Read Section 1.9 (Do's and Don'ts: Rules and Regulations) regarding appropriate usage of packet radio for more information. Always include the routing hints with the BBS callsign. To mail from Packet to Internet: 1. The amateur radio operator must have his callsign registered in the gateway alias list. If you want to mail from packet to a specific amateur on Internet, send mail to 'durham@w2xo.pgh.ps.us'(Internet) or 'W2XO @ W2XO.#WPA.PA.USA.NAOM' (Packet BBS mail) with his/her amateur callsign and their Internet address. 2. Once the above is accomplished, packet BBS mail should be sent to 'CALL @W2XO.#WPA.PA.USA.NAOM'. The mail will automatically be forwarded to the Internet address of

the amateur with the 'CALL' callsign. Jim Durham's Internet address is 'durham@w2xo.pgh.ps.us'. For more information, join the Gateways mailing list by sending mail to "gateways request@uhm.ampr.org

Long Range Planning Committee

Submitted by Chuck N7STR

It is my pleasure to be serving on the board as Trustee # 4. My designated duty as a trustee is to serve as liaison between the Long Range Planning Committee and the Mike and Key Board.

I selected this position for 2 reasons. First as a new board member 4 years ago (when I was serving as Activity Manager) the first committee I experienced was the Long Range Planning Committee, which at that time was headed by our president Carolyn WV7Q. It was an exciting group of amateur radio people that included, Dean N7NKO, Sam N7RHE, Rick KF7VG, & Ken K7PZX. They were people with the vision to see the possibilities for our radio club and it was exciting to attend each meeting and evaluate the potentials both negative and positive for our club of each change we were discussing.

The second reason I selected this committee is that since it presented and this club implemented many of it's proposals, I have had the pleasure of watching the results of that proposal change this club into an ever growing, educational and family oriented positive organization. We are no longer just a bunch of 50 year old +, pot bellied men, who sneak off on 1 Saturday a month to eat donuts and have coffee. We are becoming what I firmly believe Pop Brown originally intended us to be. An Organization that displays by example, and educates the young men and women that it brings into its club, proper conduct on and off the radio. It is experienced hams sharing and passing on to new hams their knowledge, to perpetuate and expand the hobby for generations to come, as it shares with them the multi-faceted aspects of communication through the many methods our electronic hobby of Ham Radio can provide them. Our club also introduces them to community and public service, and teaches them to be assets to their community during emergency situations. We are helping young people develop positive self esteem within themselves through the receipt of unexpected results for what we recognize as exceptional dedication.

It is exciting to see the results that our various standing committees have generated and the

friendships that are evolving amongst the participants of those committees.

The following people have signed up to be members of the 1995 Long Range Planning Committee: Ken Jackson K7PZX a member since 1961, Jan Van Allen N7WJB, Chuck Foltz KB7OS, Rick Antes KF7VG, G.Ray Glenn KB9HHK, Casey Angleoff W6PKW and Sam Sullivan N7RHE. Anyone interested in participating in the planning and perpetuation of this club for the next 5 years and beyond are welcome to attend and join us at the first meeting which will be held on June 17 at 9:15 A.M. before the next General Meeting at the Salvation Army.

The 'C(w)' Files

Submitted by Michael, WA7UVJ

Agents Sculley and Molder are on vacation this week, so the 'X' Files has been replaced by a new pilot program the 'C(w)' Files-The week's episode opens up at Fort Flagler State Park in Northwest Washington State in June 1994. There have been frequent reports of strange lights in the sky over this scenic part of the country. Agents Dink and Can't Speak English (the names have been changed to protect the innocent) have joined a group of feverish Amateur Radio operators in an attempt to observe the phenomenon. Unfortunately, our heroes hadn't noticed too much in the way of unusual happenings (discounting, of course, the behavior of the Hams which is already well documented).

Sitting around the campfire with a couple of beers as dusk settled in, the agents noticed a strange sound emanating from the bluff above. Knowing that nobody was supposed to be in the area, they quickly drew their weapons and ran to secure the site. Upon arriving, they found several little pink elephants disembarking from a hovering craft, pulsing with strange lights. Could this be the cause of the reports?

Agents Dink and Can't Speak English were stunned. What to do? Wishing to avoid an interstellar incident, they put away their weapons (the aliens appeared unarmed anyway) and proceeded to plan a capture. Agent Can't Speak English came up with an answer. As the beings appeared particularly enamored with the toilet facilities, they would wait until one being was in each of the Sanir-Kan's and then rush up and lock them in. Agent Dink, judgement impaired due to the recent consumption of alcohol, agreed.

As the plan was carried out, several of the beings escaped back into their craft and it rose above

the site. Then, an eerie green light bathed the two outhouses and the ruckus from the trapped creatures disappeared. The agents suddenly realized that their captives had been transported out of their polystyrene cages to freedom. They also noticed that all of the toilet paper had been transported away as well.

In their foggy haze, the agents understood that this was the real reason for the visit the aliens were stocking up for their return trip home to the next galaxy. In an attempt to lure the aliens back, the agents immediately began to bait the site with more of the precious paper using as much artistry as they could manage with a blood alcohol level of 2.1. Several rolls later, they came to the conclusion that the aliens had unfortunately left, never to return. Dejected, agents Dink and CSE returned to their camp site, forgetting the trap left behind.

The next morning, the upper site crew returned to the decorated trap. The morning dew had left the original artistic impressions of the agents in less than a presentable appearance. Fortunately, the agents were never questioned and managed to squeak through the weekend with a barely passable CW rate of 35 words per minute. Realizing that nobody would believe their story without proof, they resolved to place this incident in the 'C(w)' Files..... at least until 1995.

CW Beach '95

Submitted by Michael, WA7UVJ

CW Beach has been resurrected for another run in Field Day 1995. For those new to the Club, CW beach is where the REAL Hams flock too during the upcoming Mike & Key Field Day entry at Fort Flagler State park. While you will not find any microphones 'on the Beach', you will find friendly and helpful assistance in your quest for true Nirvana the 30 Word Per Minute mark. Efficiency, professional operating procedures, and quality time are time honored traditions on CW Beach. What we lack in manpower and number of stations, we make up with intestinal fortitude.

This year, I have again taken the chairmanship of the revered 20/80 station. My TS-940 is primed and ready, the 80 meter vertical is ready for the surf, and the 4 element quad (a thing of magnificent beauty) will return after a two year break. NA will be the logging program of choice. Sunspots or not, the beach is gonna Rock!

I can already hear the clamor.... "how can I get in on this", you say. Well, the 20/80 station setup will begin promptly at 11 AM on Friday morning. If you

can't make the setup, there will certainly be operating slots throughout Saturday and Sunday just track me down at the Club meeting or on site to get scheduled. I generally schedule up two man (an operator and a logger) teams for two hour shifts. If you're really good, and experienced in contesting, I have no qualms about letting you run a shift by yourself.

Tired of that whussy microphone shtick and up for a real challenge? Feel funny operating with antennas decorated with toilet paper? Well then, grow up and join the big boys (and girls) down on 'the Beach'? See you there.

West Seattle Jazz Festival

Submitted by Michael, WA7UVJ

A Jazz Festival with benefits going to the West Seattle Senior Center will be held June 16-17. This event revolves around several Jazz bands playing in different locations throughout the city. Last year, the organizers found out that Amateur radio works much better than previously used cell phones. Ruth Bennent, WA7RVA, has about 18 hams already lined up but would like about 6 or 7 more.

The particulars: Primary band of operation is 440 MHz (There should be extra radios available so do not let a lack of 440 gear keep you away.) The hours of operation are June 16, 5 PM-midnight and June 17, noon-midnight. If you listen to Jazz, and are interested in participating, here is your chance to combine two hobbies!
Call Ruth at 932-1335.

Web Spots for the Ham

Submitted by Michael, WA7UVJ

Last months QST took the wind out my sails with its article on getting started on the Internet Web system. However, it's a good article for those just getting started on this interesting service. The Web, because of its graphical and non-techie nature, is one of the fastest growing areas of the Internet. Now that the major services, like Compu-Serve and AOL are jumping in, it will probably expand exponentially.

The QST article listed several Web sites to start from. Once on the Web, most sites have links to other related sites. Below is a collection of sites related to Amateur Radio I have either visited or found mentioned by others. Mike Hansow, KA7CSE also passed me several as well. The Web is living and changing service. There are no guarantees that these sites will always be available. When comments were included with the Web address, I have tried to pass them along with the author.

Web page for current DX spots and WWW numbers is: <http://www.clinet.fi/~jukka/> this host is in Finland. Ignore the "Summary" page; go straight to the lists of the last 25 DX or WWW spots. The Summary page doesn't seem to be updated very often. Jim/AH6NB

For an excellent index of where to locate stuff on the Web: <http://akebono.stanford.edu/> Check out and work your way out from there. Trey Garlough

For the Texas DX Society Bullsheet and home page: <http://pegasus.ssctr.bcm.tmc.edu/tdxs.html> Includes TDXS news .

For the Western Washington DX Club home page: <http://www.eskimo.com/~oolon/>

AD5Q's report, monthly ARRL report plus several sites around the world with up to the minute information (including the WWW A, K, and flux numbers). Also has contest information, DX newsletters (OPDX, ARRL, 425, etc.), and award info.

KA9FOX home page:

<http://www.infoanalytic.com/ka9fox/>

This address WILL change in the future. I'll be improving the pages as I learn more about HTML, but I thought some of the things I've put on it would be of interest to some of you - pictures of recent contest expeditions, stations and ops, me and my new fiance, Laurie (OK, so that isn't THAT interesting!). Links to some cool ham-related stuff on the web: including QSL info look-ups, Callsign look-ups, Contest Dxpediton Registry, OH2BUA Packet Cluster, Radio Mod Files, FCC Part 97 Ham regs, ARRL, TDXS and more. All pictures are compressed JPG images, so they download pretty quickly! Drop me a note if something doesn't work or if you have any suggestions for improving it. Scott KA9FOX

The Potomac Valley Radio Club:

<http://www.access.digex.net/~k3sa/pvrc.html>

The home page contains links to historical documents, our logo for GUI browsers, meeting minutes, the most recent newsletter, Amateur Radio Uniform Resource Locators, Dayton Ohio Weather, QSL Lookup and World Wide Web search engines, plus the KA3TUE and K3SA home pages. Steve K3SA

A web page for 6D2X is currently up at:

<HTTP://bahia.cs.panam.edu/radio/6d2x.html>

The site is not finished. The GIFS (pictures) of the station and the contest results will be forthcoming. We might even include a GIF of the enormous bass from Sugar Lake. Adios! Bill, W5VX

NG3K home page: <http://cpcug.org/user/wfeidt/>
ARRL DX bulletins, DL9GOA DX Newsletter, and Ohio/Penn DX PacketCluster DX Bulletin. Bill, NG3K

GJ4ICD home page:

<http://user.itl.net/~equinox>

Lot of useful info for 50MHz DXers. Peter, G3ZSS, V85PB

AA7FL home page: <http://www-vms.uoregon.edu/~milewski/hamsonweb.html>

Collection of links to home pages BY ham radio ops that deal with subjects OTHER than ham radio. This is an attempt to get to know more about the ops and their interests (sorta like ham radio when we're not exchanging 59(9) reports only). AA7FL

One last page:

<http://www.calpoly.edu/~dmalone/w6bhz/clubs.html>

Some of us have started talking about a Mike & Key ARC home page on the Web. We could probably get it on Eskimo.com. This page could have Club and Puget Sound related Ham information including pictures. Anybody out there well versed in HTML (the Web page making language)? Might be fun for those who are computer literate and want to combine that with their Amateur Radio hobby.

EXAM INFO

Submitted by Jim K7ND

I finally did something on the Internet. After the exam session on May 20th, I downloaded a file from the FCC containing the callsign's of the new hams from that session. A few phone calls later with that info and they were ready to go on the air just 4 days after taking their tests. Quite a difference from last spring when the time interval from test to license was over 10 weeks. As it is, upgrades are taking less than 2 weeks for return of new license.

Here is another reminder that a new question pool for the Advanced Class exam, element 4A, goes into effect on July 1st. The new study guides are available.

No official new info when the 610-V will be available. May be awhile yet but you call leave a stamped envelope with the ARRL and receive one as soon as they show up.

VHF HAPPENINGS

Submitted by Jim K7ND

The Lyrids meteor shower Apr 22/23 was pretty quiet. Jimmy, WM7A, managed to work KE7NS near Salt Lake on 2m. The Eta Aquarids on

May 6th was better with John, N7MWW, working KE7NS and KE7OI, both in different grids near Salt Lake City. I managed a contact with KB6IGC at the very end of our 1/2 hour sked. This was a station set up at the West Coast VHF conference near LA to show off meteor shower techniques. Heard a lot of bits/pieces from them during the sked for a minor shower, so will have to try this one again.

The Northwest VHF/UHF conference is on for Sept 23 in Bend, OR. Reservations at \$15 each to the host Don Klug K7HSJ, 1126 NE Burnside, Bend, OR 97701. Also indicate whether you will be attending the Saturday morning breakfast. Hotel info will be sent by return mail if so indicated in reservation request.

The June VHF/UHF QSO party will be upon us in two short weeks on June 10/11. Its a sure bet that the wx will be nice as I'm taking this year off from mountain topping and operating from home. There will still be folks out there on hilltops tho. It would be a good time to try out the FM rigs on 223.5 or 446.0mhz. You never know where you'll here a signal from during one of these events.

Six meters has opened a few times with the weekend of May 20/21 being the best so far. On Sunday the 21st the band was open all day up 'till very late and still going on Monday morning. MUF didn't reach 2m. That's about it. Still putting up antennas. Hope I'm ready by contest time.

FIELD DAY POTLUCK

A reminder that the potluck dinner is scheduled to start at 6:30 PM. Be sure and bring your favorite dish to share. The club will supply pop and hamburgers. Also bring firewood for the fire pit. For further information call our chief chef Chuck N7STR at 279-1517.

From the Director

Submitted by Mary Lou, NM7N

Not a lot new at this point.

There is a proposed rule making for fully automatic digital operation on the HF bands. This type of operation would be allowed on specific sub-bands. There are allowances for semi-automatic operation as well, outside the sub-bands.

Another proposed rule-making (FCC 95-173) would amend the Amateur rules as follows:

a) Designating one of the volunteers at a license examination session as the session manager. This one would be responsible for ensuring the

paperwork is correct, complete, and sent in a timely manner.

- b) Giving examination credit to former licensees who let their license lapse.
- c) Raise the minimum membership for Clubs wishing a Club license from 2 to 4.
- d) That 1x1 calls be made available for events significant to the amateur community. The call would be good for 15 days and application must be made 120 days in advance.
- e) That portable indicators, such as W7XYZ/KP2 be moved to the beginning of the call (KP2/W7XYZ) instead of the end as is currently done. This would move the USA into compliance with the rest of the world.

The Repeaters coordinators meeting has been postponed until the Fall.

W5YI's petition, to kill HF bulletin stations, is dying a quick death as most of the 537 comments received by the FCC have been negative.

The Wireless Telecommunications Bureau has renamed several of its divisions to eliminate the word radio and substitute the word "wireless". As such, we are now regulated by the Private Wireless Division.

UPCOMING Hamfest

- July 14-16-Montana State Convention at Glacier / Waterton, MT
- July 21-23-NW DX Convention, Renton, WA
- July 22-Coos Bay Hamfest, North Bend, OR
- August 5-6-WIMU, Jackson Hole, WY
- August 5-6-Spokane Hamfest, WA.

GET ON THE AIR SOONER WITH CALLINS TO FCC

From ARRL Newsletter Vol 4, No. 8, Page 2

In mid-April the Federal Communications Commission began offering the complete amateur service database on the Internet, via the FCC's file transfer protocol (ftp) site.

This new service marks the beginning of electronic granting of licenses at the FCC's Wireless Telecommunications Bureau, the FCC said. As soon as the data for a new license appears in the database, the license is effective and all privileges of that license may be exercised by the licensee.

Licensees will no longer need to wait to receive a license document in the mail; they may use the database as proof of licensing and go on the air immediately.

The database is updated every Monday by noon (Eastern Time).

Information may be retrieved using the following procedure:

Access: anonymous ftp.fcc.gov
Directory: pub/XFS_AlphaTest amateur
Documentation: readme.txt

The FCC's Consumer Staff in Gettysburg, Pennsylvania, can answer questions at 800-322-1117 or 717-337-1212 during normal working hours.

Shortly after offering its amateur database online, the FCC abandoned a proposal for granting temporary operating authority to those who pass volunteer exams ("instant licensing") (in PR Docket 93-267). The FCC said that the implementation of electronic filing of applications last December made the proposal unnecessary; exactly what the ARRL said in opposing the proposal.

AMATEURS ANSWER CALL IN OKLAHOMA BOMBING

From ARRL Newsletter Vol 14, No. 8, Page 3

Amateurs in Oklahoma City swung into action within one hour of the April 19 bombing of the federal building there, according to Oklahoma Section Manager Joe Lynch, N6CL, who was still on the scene a week later. Hams provided communication for Salvation Army canteen services as well as transportation in their own vehicles, and staffed an amateur station at the police command post. They also were on duty at area hospitals and at a mobile hospital at the blast site. Most communication was on the Oklahoma City Autopatch Club 2-meter repeater, which was declared an official emergency communication channel by the FCC.

Shortly after the bombing, the League's Public Information Office distributed a media advisory to all national news media and the top 500 daily newspapers in the US, asking that reporters strive for accuracy in reporting on the radio commentators with extreme views heard on shortwave radio broadcast stations. Some reporters (and many people on the street) confuse shortwave broadcasting with Amateur Radio. PIO staff initially sought merely to correct reporters who called ARRL Headquarters, but when the problem appeared to be more widespread, the media alert was issued.

There are four main bones in every organization.

The **wishbones**: Wishing somebody would do something about the problem.



The **jawbones**: Doing all the talking, but very little action.

The **knucklebones**: Those who knock everything.

The **backbones**: Those who do the brunt of the load and most of the work. *Which one are you?*

From World Radio July 1995

June 11 - July 22, 1995

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
June 11	June 12	June 13 7:30pm WWDXC Meeting	June 14 <i>Flag Day</i> 7:30pm Club Net on 146.82 Repeater	June 15 <i>Corpus Christi</i> 7:00pm Public Service Net 7:30pm PARS Meeting	June 16	June 17 10:00am Club Meeting 1:00pm VE Exams
June 18  <i>Father's Day</i>	June 19	June 20	June 21 <i>Summer begins</i> 7:30pm Club Net on 146.82 Repeater	June 22 7:00pm Public Service Net	June 23	June 24
June 25	June 26	June 27 7:30pm Club Board Meeting	June 28 7:30pm Club Net on 146.82 Repeater	June 29 7:00pm Public Service Net	June 30	July 1 9:00am Boeing ARC Meeting 1:00pm VE Exams - Kent (KF7VG)
FIELD DAY...						
July 2	July 3	July 4  <i>Independence Day</i>	July 5 7:30pm Club Net on 146.82 Repeater	July 6 7:00pm Public Service Net	July 7	July 8 8:00am SeaTac Repeater Group 10:00am VE Exams - Riverside Inn 1:00pm NAPRA Meeting
July 9	July 10	July 11 7:30pm WWDXC Meeting	July 12 7:30pm Club Net on 146.82 Repeater	July 13 7:00pm Public Service Net	July 14	July 15 8:30am REDMOND PARADE 146. 58 10:00am Club Meeting 1:00pm VE Exams
July 16 12:00pm KENT PARADE - 146.58	July 17	July 18	July 19 7:30pm Club Net on 146.82 Repeater	July 20 7:00pm Public Service Net 7:30pm PARS Meeting	July 21	July 22

F I E L D D A Y C H E C K - L I S T

(Revised and Updated Ver. 1.2)

OPERATING

PERSONAL

- _____ TRANSMITTER
- _____ RECEIVER
- _____ POWER SUPPLY
- _____ SPARE FUSES FOR ABOVE
- _____ EXTENSION CORDS
- _____ TRANSMATCH..
- _____ SWR BRIDGE
- _____ OPERATING LIGHTS
- _____ F.C.C. LICENSE
- _____ LOG SHEETS
- _____ DUPE SHEETS
- _____ SCRATCH PAPER
- _____ LOTS OF PENCILS
- _____ PENCIL SHARPENER
- _____ MICROPHONE
- _____ KEYS, BUG, OR KEY
- _____ CLOCK
- _____ OPERATING TABLE
- _____ CHAIRS
- _____ HEADPHONES
- _____ ANTENNAS
- _____ TOWER OR MAST
- _____ GUYLINE - ROPE
- _____ GUY ANCHORS "REBAR"
- _____ ROTOR WITH CABLE
- _____ FEEDLINE WITH CONNECTORS
- _____ EXTRA FEEDLIN
- _____ EXTRA CONNECTORS
- _____ BARREL CONNECTORS
- _____ MECHANICS TOOL BOX (WITH NUTS & BOLTS)
- _____ ELECTRONICS TOOL BOX (WITH SOLDER
- _____ AND SOLDERING IRON)
- _____ AMERICAN FLAG FOR TOWER
- _____ CHRISTMAS TREE LIGHTS FOR TOWER
- _____ RIBBON FOR GUY-LINES
- _____ SLEDGE HAMMER
- _____ HARD HAT
- _____ CLIMBING BELT
- _____ 146.58 SIMPLEX RIG
- _____ BACKUP RIG - COMPLETE
- _____ SPARE LIGHT BULBS
- _____ GROUND STAKE, WIRE, AND CLAMPS
- _____ ELECTRICAL TAPE
- _____ DUCT TAPE

- _____ FOOD & UTENSILS
- _____ SNACKS
- _____ RAIN GEAR
- _____ WARM COAT
- _____ BOOTS
- _____ GLOVES
- _____ TOILETRIES
- _____ GAS LANTERN
- _____ STOVE
- _____ FUEL FOR ABOVE
- _____ FLASHLIGHT
- _____ EXTRA BATTERIES
- _____ MATCHES
- _____ SLEEPING GEAR
- _____ NON-ELECTRIC CLOCK
- _____ FIRST AID KIT
- _____ TRASH BAGS
- _____ WATER
- _____ INSECT REPELENT
- _____ SUN SCREEN LOTION
- _____ CAMERA
- _____ FILM FOR ABOVE
- _____ CASH FOR CAMP FEE
- _____ DRUGS FOR THOSE
- _____ MALADIES YOU ARE
- _____ SUCEPTIBLE TO

mik PAPERS

READING MATERIAL

WEED WACKER

BATTERY CHARGER

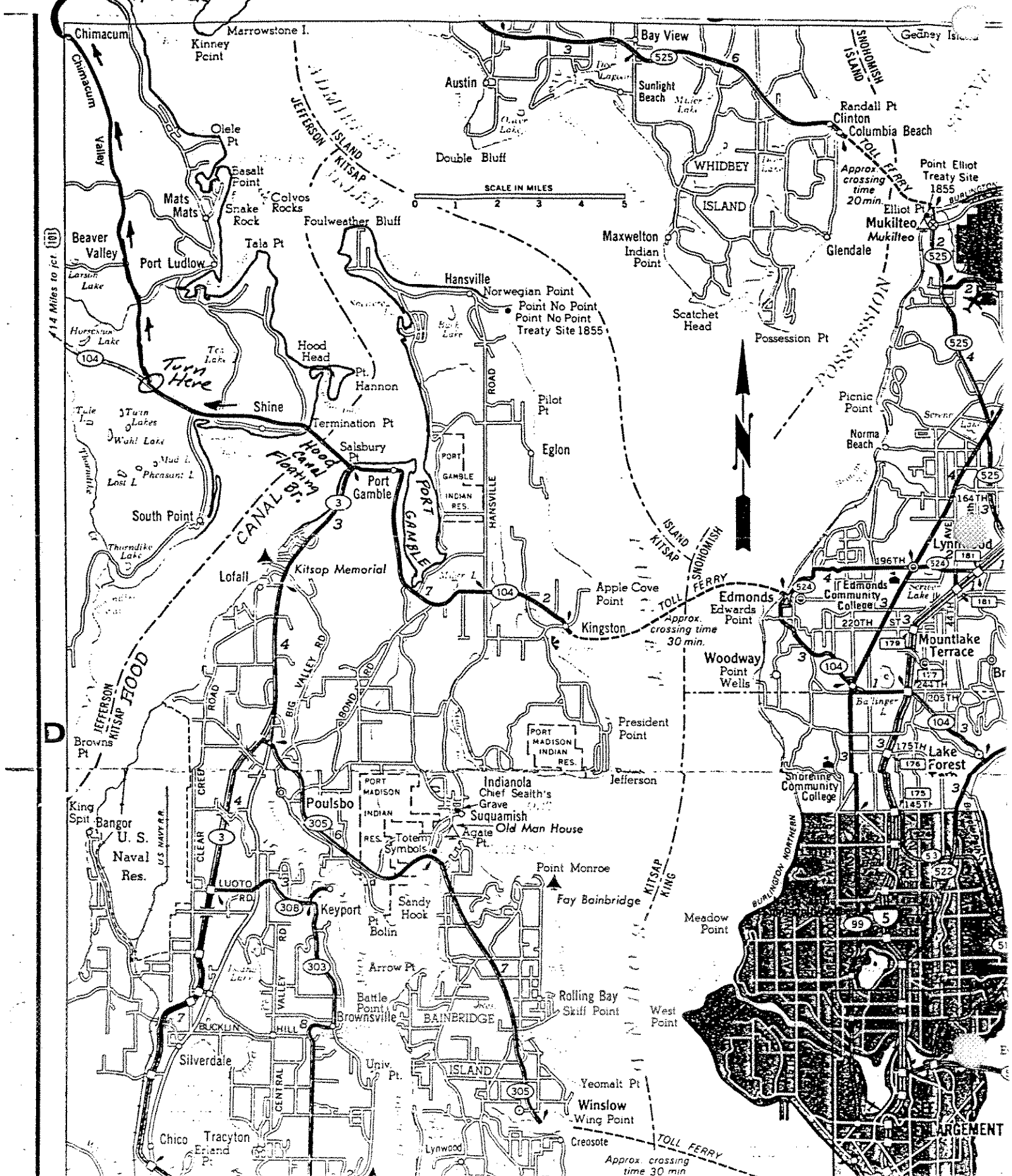
8 WAY RECEPTACLE

50' MEASURING TAPE

XYL & KIDS

ALSO: Leave phone numbers of hams who are not going to Field Day that can contact the site in case of an emergency. Be certain to bring plenty of water as there is NONE at the operating site!!!

*Marrowstone Is.
Fort Flagler
State Park*



to Pt. Gausand

Hadlock

*Marrowstone Is.
Fort Flagler
State Park*

SCALE IN MILES
0 1 2 3 4 5



114 Miles to jct. 100

Turn Here

Hood Canal Floating Pt.

*TOLL FERRY
Approx. crossing time 30 min*

