

K7LED

RELAY

Volume 30, Issue 6

Mike and Key Amateur Radio Club - Seattle, Washington

June 2002



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Jack Grimmet N7IHS

Vice President

Jo Hallstrom KB7UFM

Secretary

Kim Wolborsky KD7FYD

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Jim Eztwiler KD7BAT

Activity Mngr/ Newsletter

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#1/Chairman of the Board

Brendan Burget KD7IKV

#2 Barry Wolborsky KC7YB

#3 Steven Cook KD7IQL

#4 Mitch Gill K7TUT

#5 Alan Hughes KB7SVU

Web Page

www.mikeandkey.com

e-mail

info@mikeandkey.com

Reflector

<http://groups.yahoo.com/mkarc>

Send Dues to:

Jim Eztwiler, KD7BAT
3935 Interlake Ave North
Seattle, WA 98103

Send Relay input to:

Michael Dinkelman, N7WA
22222 148th Ave SE
Kent, WA 98042
or
mwdink@eskimo.com

G.O.T.A. GET THERE!

Submitted by Brendan Burget and Steve Cook

Yes folks, it's that time of year again. Get out the tent, pack the family, bring the radio gear, throw it all in the car, and head west.

Field Day 2002 is here at last. Once again, the Mike & Key is offering the whole family an exciting fun filled weekend at Fort Flagler on Marrowstone Island. For those of you who have never been to our Field Day here is a slice of what you're in for. Those of you out there who are veterans, we hope to excite you a little.

For the "No radios for me" crowd

What's that you say? Don't care for radios? Oh, we have lots for you to do as well. You non-radio types have many activities to choose from.

First off, we'll be smack dab in the middle of a Fort Flagler State Park. Camping, provided by the club, beachcombing, campfires (infernos if Dean is around), marshmallow roasting, and finally as much outdoor fun as you can handle.

Tired of hanging around the campsite? Take a 10-minute drive to the Victorian seaport of Port Townsend. Nearby, Fort Warden State Park is celebrating its Centennial, and has many museums and activities for the whole family.

Friday Social

In the evening, after the chaos of set-up, join us at the potluck for food, friendship, food, campfires, food, stories of field days gone by - did I mention food? Oh yeah! Don't forget Little John's infamous chili. That is, if he deems us worthy.

G.O.T.A. No, Not The Cheese.

Not a ham but itching to grab that Mike, or if you must (sigh) a Key. We civilized folks who reside at the top of the bluff, invite you to visit our G.O.T.A. station. This is the perfect opportunity to try your hand at ham radio. In the spirit of promoting Ham Radio, the ARRL has introduced a new station for Field Day. The old Novice/Technician station from previous years has been replaced by a **GET ON THE AIR (GOTA) station**. The GOTA station will allow Novice, Technicians, and generally inactive hams a chance to GET ON THE AIR to help the group's Field Day effort. Again, non-licensed persons may also participate in the GOTA station, under the direct supervision of an appropriate control operator.

Operating Frenzy

Whether you're a seasoned professional or a newcomer to the hobby, we've got something for everyone. With bands available from 80 meters all the way up to VHF, you won't be short for something to operate on.

For you poor souls who like to make arcane little noises on one of those key thingies, we let you operate down the hill outside from the general public view (so they don't embarrass us). OK, OK, OK, so they do get a few contacts each year. Seriously, you Key-Lovers have the opportunity to work 80 through 10 meters, on two stations.

Real human beings will prefer the civilized surroundings of life up on the bluff. This is SSB heaven. We offer you a high quality selection of frequencies to

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(Continued from page 1) **G.O.T.A**

choose from along with exquisite surroundings and beautiful views. We offer cozy operating of both the 20 and 10 Meter bands in the bunkers. Glorious views from our spacious tents for the 80, 40, 15, 6 meter, and VHF bands. Hurry and stake your claim in the promised land before its too late. Come visit us on the bluff.

Things To Bring

Sunscreen, bug repellent, warm clothing, rain gear, extra blanket, flashlights, handi-talkie, spare batteries (don't forget extras for your HT too), food and snacks, ice, drinks, pot-luck dish for Friday night, camping gear (if needed), matches, first aid kit, XYL, and the rest of the family.

If you work CW Beach you'll want to bring an extra keyboard (tee-hee) incase you wear those F-keys out.



Activities & Programs

Submitted by Michael, N7WA



This month's program will be brought to you by the same folks who wrote the article on the front page—your Field Day Committee. As you can sense, they are rather jazzed about the whole event. (Frankly, I think they are misguided neophytes about the whole thing but their hearts are in the right place.)

This will be your chance to ask any remaining question about the who, what, why, where, when, and how of Mike and Key Field Days. Of course, I and other experienced Guru's will be on hand to help guide you into the CW Beach Experience if you have reached that level of maturity in your Ham Career.

I haven't received a confirmation yet but the July program may be a presentation by Gene Underwood and sponsored by the Public Service Committee.

Education Committee Report

Submitted by Mary and Harry Lewis



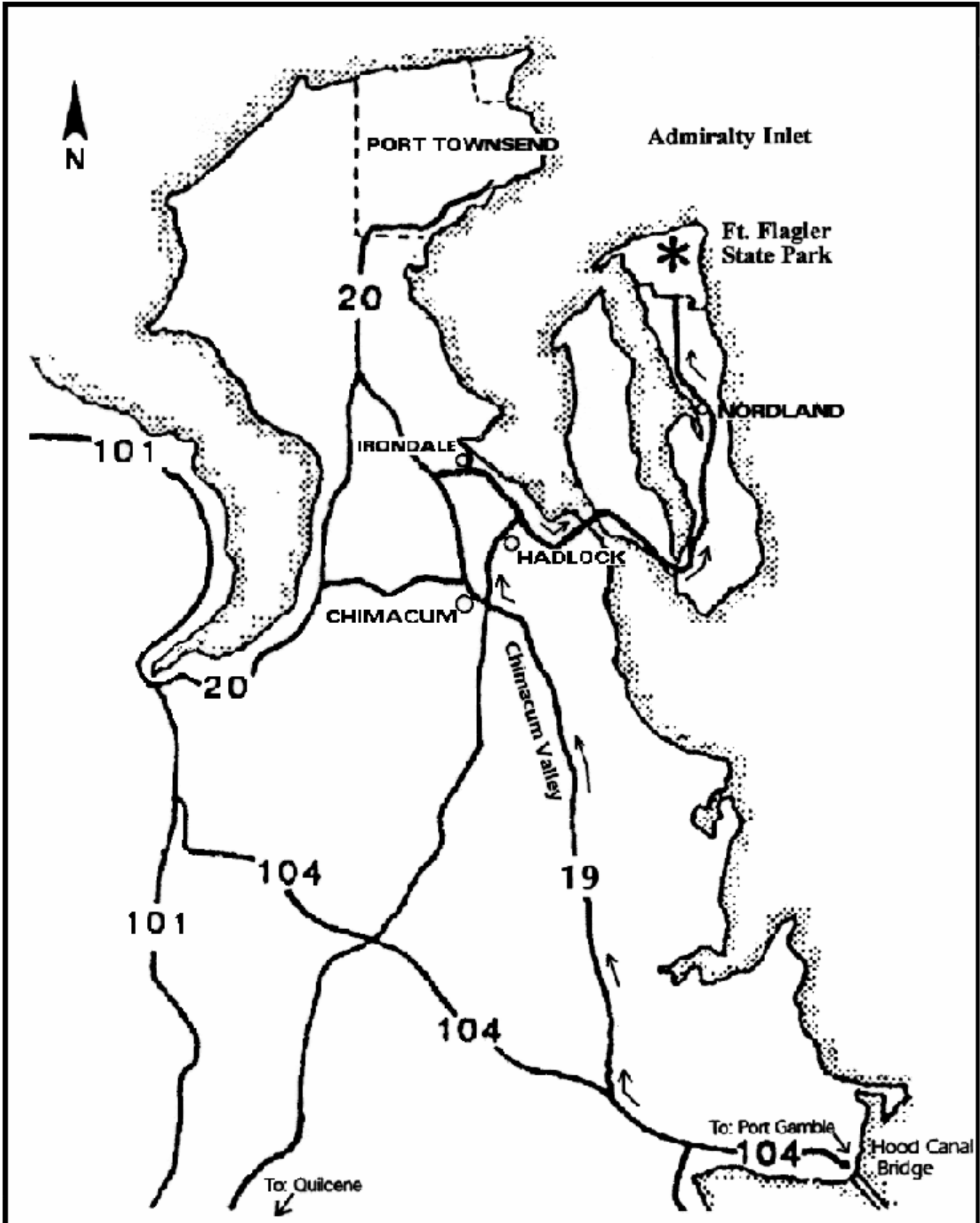
May activity started with an assist to the Snohomish County VE team in administering exams to the Emergency Services Coordinating Agency. This was followed by two consecutive Saturdays teaching a class of 20 for the Kirkland LDS Church. VE exams were administered to a class of 22 5th and 6th graders in Kirkland on May 29th. As this report is written the General Class is slated for June 8/9 at the Boeing Activities Center, then on Monday VE exams at Coho Noms Middle School for another class of 20 plus students. Between the May club meetings and the next, some 90 plus new Hams will be ready to take to the airwaves.

Wanted

10 METER BAND CHAIRMAN

Looking for something fun and exciting to do with your weekend. Lonely frustrated band seeking fun-loving, energetic individual for hot conversation, intense contacts, and the ability to take charge. Join me in the exotic pre-world war accommodations, dine on unique dishes, and stay up all night just talking in the dim generator lighting. All interested please contact Alan Hughes, Brendan Burget, or Steve (Scott) Cook.

OLYMPIC PENINSULA MAP TO FT. FLAGLER



Barracks Call!!

Submitted by Rita Danielson KD7CNU



Field Day is fast approaching. The barracks are filling up fast but there is still room. Don't wait for the last minute to make arrangements. If you would like a room in the barracks, please notify me, Rita Danielson (KD7CNU) as soon as possible. My email is gamatoad@aol.com. We will have a waiting list if needed. Breakfast is provided for those staying in the barracks. There are showers available to all in the club, but those staying in the barracks have priority.

Driving Directions to Fort Flagler

1a) Go north from Seattle and take the Edmonds-Kingston Ferry. From Kingston follow Hwy 104 through Port Gamble to the Hood Canal Floating Bridge.

or

1b) From Seattle follow I-5 south to Tacoma. In Tacoma take Hwy 16 exit and follow Hwy 16 North through Bremeron, connect with Hwy 3 and continue to the junction with Hwy 104 at the Hood Canal Floating Bridge.

2) From either direction above, cross the Hood Canal Bridge and proceed about 3 1/2 miles. Turn right at the sign for Ft. Flagler and Chimacum (Hwy 19). Upon reaching Chimacum turn right and go for approximately one mile until you reach Hadlock. In Hadlock turn right again (eastbound). In 3/4 mile there will be a road (going left) to Fort Flagler. Watch the signs carefully for Indian Island and Fort Flagler. (Everybody takes the wrong road at least once.) Take the left fork toward Indian Island and Ft. Flagler. The road will cross the end of Indian Island and onto Marrowstone Island where the road will swing northward toward Nordland

2002 DX Convention

If you are one of the truly deserving, a DXer or Contester, than you don't want to miss the Northwest DX Convention in August. This convention travels between the three northwest DX Clubs (British Columbia, Western Washington, and Willamette Valley) and will be held in Portland for 2002. Here is the latest news.

2002 Pacific Northwest DX Convention

Hosted by the Willamette Valley DX Club
August 2 - 4, Monarch Hotel in Clackamas, Oregon
(just minutes from downtown Portland)
12566 SE 93rd Ave.
Clackamas, OR 97015
(800) 492-8700 or (503) 652-1515
<http://monarchhotel.citysearch.com>

The DX convention rate is available until July 12th.

RAFFLE DRAWING GRAND PRIZE:
\$1000 Ham Radio Outlet gift certificate
Speakers include:

Ward, N0AX - WTRC-2002
Lew, W7EW - VP8GEO, South Georgia, and VP8THU,
South Sandwich
Rudy, N6LF - Sloping antennas for 160m
Dick, N6FF - PW0T, Trinidad
Rob, W7NX - Technical presentation (tentative)
ARRL Forum

Schedule of Events:

Friday, August 2 1700 - 2000: Registration open
1900 - 2400: Hospitality Suite
Saturday, August 3 0830: Registration open
0900: Program begins
1900: Banquet dinner
2100 - 2400: Hospitality Suite
Sunday, August 4 0800: Breakfast buffet
0900: Breakfast speaker

Visit the web site for the latest news, sponsors, prizes, and attendees: <http://www.wvdx.org/convention.htm>
Questions? Contact Convention Chairman, Al Rovner, K7AR, at k7ar@arrl.net or (360) 256-7437.

Congratulations Rhett!

As I understand it, club member Rhett Skelton, WL7CT is graduating from Seattle Pacific University this very weekend. Rhett will be earning his Bachelor's in Computer Science. Having been through the same program, I know his trials well. We wish him well in any future endeavor's and hope you are planning on staying around dude.

Public Service Committee Minutes May 18

Submitted by Dick Radford

Meeting called to order by acting Chair, Brendan

In attendance: Gary, Pam, Dan, Brendan, Steve, and Dick.

Old Business:

New member packet still under development by Dave and Ted. Neither was in attendance at this meeting. Steve has uncovered an old sheet that gives an overview of club activities that could be used as a starting point.

Brendan got an email from Rhett regarding contact with the Scouts about JOTA. He was too late for this month's mailing, but will be in next month's.

Brendan took over as substitute greeter for this meeting in Ted's absence. Way to go. We need to find someone for next month's meeting.

Pam will make every effort to have the public service events list available for next month's meeting.

Public Service Survey will be presented to the membership at the July meeting, and included in the August Relay. Brendan will speak with the rest of the committees to see if they will be ready to participate at that time.

New Business:

We have been approached by WWARA to allow our booklet to be included in their booklet. Could be presented as an insert, or reprint permission could be granted.

There was discussion of how to handle listings of events that occur after the first of the year, but prior to publication date. We could list them in italics as date not confirmed, or not list a date and just give the contact information.

Meeting adjourned at 14:03

Mike and Key Amateur Radio Club Board Meeting Minutes, 04-24-02

Officers present: President Jack Grimmert (N7IHS); Vice President – Jo Hallstrom (KB7UFM); Secretary – Kim Wolborsky (KD7FYD); Treasurer - Jim Etwiler (KD7BAT); Activity Manager – Mike Dinkelman (N7WA); Radio Officer – Ken Rau (K7YR).

Trustees Present: Trustee #2 - Barry Wolborsky (KC7YB); Trustee #3 – Steve Cook (KD7IQL); Trustee #4 - Mitch Gill (K7TUT); Trustee #5 – Alan Hughes (KB7SVU).

Visitors:

Jack Burrell (N7ZS), Dawn Humphrey (KC7YYB), Dan Humphrey (N7QHC), Wayne Heath (KC7ORB), Carolyn Pasquier (WV7Q), Nils Hallstrom (W7RUJ), Chuck (N7BV), Jan Van Allen (K7YH), Jack Burrell (N7ZS), Richard Danielson (K7RIC), Sam Sullivan (N7RHE)

The Chairman called the meeting to order at 7:05 pm.

Motion made by Mitch (K7TUT) to approve the minutes as amended and seconded by Barry (KC7YB) The motion passes.

Officer Reports

COB: Brendan Burget (KD7IKV): Not present.

President: Jack Grimmert (N7IHS): nothing to report.

Vice President: Jo Hallstrom (KB7UFM): Two applications for approval. One is Larry Richardson, Sgt. Of Tukwila police dept, Tech. Mitch motioned to accept, Barry seconded. The board approved. Second is James C. Darvey, Extra, retired electrical engineer. Mitch

motioned to accept, Barry seconded, the board approved.

Jo has sent about 1000 business cards to Mike, the young man in Omak, suggests we make him an honorary member of the Mike and Key club. We have done this before. They have no voting rights, do not receive the Relay. We would send a certificate, patch and pin. After discussion, withdrew her motion pending further research.

Secretary: Kim Wolborsky (KD7FYD): Emailed ARRL with the new officers' names and calls. Packaged plaque for Tim Schneck with note, will send this weekend. Will email ARRL about club's special status.

Treasurer: Jim Etwiler (KD7BAT): If we spend all of \$16,712 that we budgeted, with income from flea market we'll have to take an additional \$2000 out of the CD income, \$7400 deficit instead of \$5400 deficit. Mike and Steve noted we hope not to spend all of the budgeted monies.

Activities Manager: Mike Dinkelman (N7WA): Next program will be North Cook slide show, next relay deadline May 10th, have enough people for the ball game.

Radio Officer: Ken Rau (K7YR):

The new repeater is on the water tank, will try to put it on the hill before field day. Once the new repeater is set up if we want we can set up control operators who can turn it on and off if the board decides to do so. Jack Burrell can do anything if necessary.

Committees Liaison Reports

Technical: Jack Grimmert (N7IHS): Nothing to report

Public Service: Barry Wolborsky (KC7YB): New chairman is Mike Eakins (K7OV). We sold an ad for the booklet last year. If anyone has contacts with radio companies, please start asking. Go to Brendan with results.

Education: Mitch Gill (K7TUT): 14 signed up for Technician class, another 3 interested, can accommodate 16. Have 5 VEs, Carolyn is helping with training. No one signed up for General class yet. Both are on the Web page.

Strategic Planning: Barry Wolborsky (KC7YB): Two new members, Sam and Carolyn. Concern about not keeping long-term members, may do a survey. May mail with Public Service committee and Technical Service committee surveys, but on a separate page so can be anonymous. Also would like to tackle a complete rewrite of the by-laws to eliminate catch-22s.

Facilities: Steve Cook (KD7IQL): Nothing to report.

Field Day: Alan Hughes (KB7SVU): Steve and Brendan are helpers, just met with Steve. Generator trailer wheel bearings need to be packed, needs help. Probably a two hour job. If the bearings aren't damaged, cost will be about \$10.00. If they are, cost will still be under \$50.00. This will be covered under the maintenance and repair line item for field day. Doing well on band chairmen. Still need to decide on our category. Alan will count tower sections to see if there are some available for CW beach. Night shifts are weakest for scoring. Need to stress keeping logs. Ken would like to do a study.

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Picnic: Dawn Humphrey (KC7YYB):

Old Business— None

New Business

-Jim paid the yearly web domain access fee. Barry moved to pay the \$35.00 out of the Board discretionary funds, Mitch seconded. The board approved. Jim noted that we can transfer to another, cheaper service (\$15) at the end of the budget year.

-Where are we going to store the Trailers? Secure yard by the water tower in Issaquah is available free of charge. Ken can make a set of keys for another to keep. The tower trailer is currently unsecured, Alan can't move it back to his house for at least two weeks. Rick Danielson is storing the tent trailer, would like to get rid it.

-Motorcycle Trailer was donated to the club. Keep it or not? Currently in Alan's front yard. Alan has the title and the bill of sale. We will put in Relay first at \$100 or best offer, then we will list in the Little Nickel.

-Calvin suggested starting a Mike & Key morning net (rag chew/talk in net) from 6-7 am. The board suggested leaving informal for now and see how it develops.

-Need amp and control receiver for 2 meter repeater. Current repeater puts out 50 watts, the new one only puts out 25 watts. \$452.00 for 25-50 in, 160 out amplifier. \$412.00 for 25 in, 100 out. Right now 3db below our authorized ERP. If don't add amplifier will be 70 db below. Also UHF controller \$200.00 so can control without everyone hearing tones. Barry moved that we go with Ken's plan to buy the higher power amplifier and the controller, Jo seconded. This will be paid out of the currently allocated repeater upgrade funds. The old repeater will come down and go on the water tower with 100Hz tone as a standby. (Same as now only the repeaters will be reversed.)

-220 Repeater and what do we do with it? Do we want to keep it? Costs to get running? Has been repaired, waiting to get on the hill. Costs came out of last year's budget. Internet link— Can get email, link to others. Mike will ask Hal to put together a proposal. K7PP had a problem with people Broadband connect fees?

-Go through inventory list: Ken would like to get a handle on it by the end of field day. Steve will email Harry and ask for a file. Mitch will help Steve with inventory at field day. Anything not safe (such as ropes) should be thrown away.

-Rotor repairs Nils reported that the rotor controller has been cooked. He expects to find a shorted diode. He's wondering if we had a power surge from the power supply that cooked all 3 rotors. 6 meter will be up and running for the next meeting. The other 2 are in the equipment trailer. Rick is bringing this to the next general meeting and Ken will look at them then. Mike will email Rick to remind him.

Ambulance available for communications van? Board declined due to high costs, including maintenance.

Mitch's net for the kids. Ken moved having on a trial basis for 6 months, then report back and determine if should continue. Would have to defer to the radio officer. Barry seconded. Ken thinks we can program the repeater to announce the net. Approved.

Duties for the facilities committee? Currently has nothing to do except maintain the building. Officially the radio officer maintains control of the inventory. Sam is working on a policies document. There is a write up in the book with duties of officers and committees, and the public service committee has created a page based on this. Steve will ask Brendan to send this to Sam. Station 14 as meeting place. Steve is looking into this. Issues per Barry: Can't use the room unless a city person is present to secure. The room will be open next week at 7:30 pm for the Renton EOC amateur radio group. Inventory of keys. Steve will collect and deliver at the next meeting.

Next audit committee Sam, Nils and Jack. Barry and Mitch are trustees. Tentative date is following the meeting January 18th, 2003 for the next audit.

Mike liked the agenda, would like to suggest that that be a policy. Changing the time to 7:15 proposed by Mike, seconded by Mitch. Approved.

There being no further business a motion by Mitch seconded by Barry to adjourn was made, and the chairman closed the meeting at 9:07 pm.

Attested: Kim Wolborsky, KD7FYD Secretary

General Meeting Minutes, May 18, 2002

Officers present:

President – Jack Grimmert (N7IHS); Vice President – Jo Hallstrom (KB7UFM); Secretary Pro-tem – Curtis Hanner (N7MWC); Treasurer Pro-tem – Jack Burrell (N7ZS); Activity Manager & Relay Editor – Mike Dinkelmann (N7WA); Radio Officer - Ken Rau (K7YR)

Trustees Present:

Trustee #1 & COB– Brendan Burget (KD7IKV); Trustee #3 – Steve Cook (KD7IQL); Trustee #4 – Mitch Gill (K7TUT); Trustee #5 – Alan Hughes (KB7SVU);

The meeting was called to order at 10:00 AM with all members and guests repeating the Pledge of Allegiance at the Salvation Army Building in Renton. Introductions of members and guests were made. The President made announcements regarding taking breaks on the west side of the building at the request of Salvation Army. The coffee and donut fund is self-supporting. We are an affiliated club are encourage to join and support the ARRL. Please sign the rosters at the table. Visitors are asked to refrain from voting on club matters requiring a

vote.

Minutes: It was moved by Sam Sullivan (N7RHE) and seconded by Brendan (KD7IKV) to approve the minutes of the previous meeting as printed in the Relay. The motion was approved.

Officer Reports

President: Jack (N7IHS): Nothing to report.

Vice President: Jo (KB7UFM): New members Larry (KD7LBD) and James (W7FYH) were voted in.

Secretary: Kim (KD7FYD): Kim is on vacation.

Treasurer: Acting Jack (N7ZS): Finances are looking good.

Activity Manage & Relay: Mike (N7WA): This month's program is on the North Cook Islands. The June program is field day. Relay due date is June 8th. There will be no baseball club night out; there are no tickets available. Field Day is coming up June 22nd and 23rd.

Radio Officer: Ken Rau (K7YR): State incorporation has been renewed. New repeater is up in testing mode running on 146.82Mhz with 100Hz tone. License is getting transferred over into my name. Goal is to get the new repeater up before Field Day.

COB: Brendan (KD7IKV): Things are running smoothly, lots of items covered at the last board meeting. If you have any ideas in response to Brendan's Relay article, "Finding Direction For Out Club" please let him know.

Standing Committee Reports

Those committees not reporting in the RELAY are asked to report before the General Membership.

Technical: Jack (N7IHS): Nothing to report.

Public Service Committee: Brendan (KD7IKV): Elected a new chairman. New club member pamphlet is being worked on. Working on participating in Jamboree On The Air (JOTA). Committee meeting follows the general meeting at 12:30.

Picnic: Dawn Humphrey (KC7YYB): Have a location locked in. It is between Boeing and the stadium. Has climbing toy for the kids. Would like this to be an old fashioned picnic with stuff we haven't seen for awhile. If you have ideas please email Dawn. Third Saturday in August right after the general meeting.

Field Day: Alan (KB7SVU) & Steve (KD7IQL): The barracks are getting full fast, please sign up soon. Jack is the wagon master; if you need a spot let him know. Need a 40-meter band chairman. Will have handouts and more information at the next general meeting. Jack will complete paper work for barracks reservation for 2003. Taking orders for Field Day pins. Pins are \$5 and orders must be in by the end of May. Need someone to provide Site security on Friday night. If you can camp at the site on

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Friday please let Alan or Steve know.

Public Service Events: Gary (KG7KU): Public Service net: Thursday evenings at 7:30 PM on 146.82. For information please see www.mikeandkey.com/pubserve.htm or call Gary at 253-661-7882. June 1st and 2nd is Washington Special Olympics, lots of hams needed. June 8th is Salties Sea Days Parade.

Alligator Award: Dean (N7NKO): Dean is the current holder of the alligator. Calvin (KC7IYP) was caught timing things out last month, but was not present to receive the award.

New Business

HR 4720. Amateur Radio Consistency Act would require private land use regulators to comply with the rules in PRB1. If you would like to show your support please contact Adam Smith. For more details please see the ARRL web site www.arrl.org.

Dave (KB4ERF): If you are not able to come out for Field Day please participate in other Field Day Activities. For details on other activities you might listen to the net on 146.96Mhz at 7pm Monday nights.

There being no further business Mike (N7WA) moved to adjourn and Bob (N7MER), seconded the motion, Jack (N7IHS) closed the meeting at 10:38 AM.

Attested: Curtis Hanner, N7MWC Acting Sec.

Mike and Key Amateur Radio Club Board Meeting Minutes, 05-29-2002

Officers present: President Jack Grimmett (N7IHS); Vice President – Jo Hallstrom (KB7UFM); Secretary – Kim Wolborsky (KD7FYD); Treasurer – Jim Etwiler (KD7BAT); Activity Manager – Mike Dinkelman (N7WA); Radio Officer – Ken Rau (K7YR).

Trustees Present: Trustee #1 & COB – Brendan Burget (KD7IKV); Trustee #2 - Barry Wolborsky (KC7YB); Trustee #3 – Steve Cook (KD7IQL); Trustee #4 - Mitch Gill (K7TUT); Trustee #5 – Alan Hughes (KB7SVU).

Visitors:

Nils Hallstrom (W7RUJ), Richard Danielson (K7RIC), Mike Cross (WB7AYU), Dick Vance (K7NEX)

The Chairman called the meeting to order at 7:15 pm.

Motion made by Mike to approve the minutes as amended and seconded by Alan. The motion passes.

Officer Reports

COB: Brendan Burget (KD7IKV):

President: Jack Grimmett (N7IHS): Nothing to report

Vice President: Jo Hallstrom (KB7UFM): One new applicant: Terry Ordetman, consultant writer, ARRL member, interested in operating, public service, parades, education and training, strategic planning. His call is WX7S. Jo recommends he be approved, Barry seconds. Motion passed.

Four members approved in January and February, have missed 3 meetings since so we will cut them off. Jo will furnish the names to the treasurer.

Secretary: Kim Wolborsky (KD7FYD): Mailed plaque to Tim, gave treasurer receipt. ARRL club data updated. ARRL special club status is good until next year.

Treasurer: Jim Etwiler (KD7BAT): Thanks Jack Burrell, for filling in while I was gone. Handed out statement from last month. Payments for Relay and for copies for VP were paid at last meeting. Jack asked treasurer for Expenditures on repeater are approved but not expended.

Activities Manager: Mike Dinkelman (N7WA): Field day June 21-23. That will be program at the next General Meeting. Dawn Humphrey is chairing the picnic. It will be held on June 17th after the General Meeting, at a local Renton park. June 7th is the next Relay deadline. Barry will find out about the July program.

Radio Officer: Ken Rau (K7YR): Will order license for small trailer and amplifier in the next week or so. The trailer is now locked. Will check out rotators and make sure both are working. Waiting to get battery for repeater on the hill, comes down every Tuesday around 2:00 am, Ken brings back up early Wednesday morning.

Alan and Brendan are having a Sunday work party on the antenna trailer, tie down antennas and check out wheel bearings. Ken will haul up to Port Ludlow to WR7V's lot ahead of time. Ken will bring up equipment trailer (tents, rotors, generators) for field day. Alan will bring the other trailer. Ken will bring the repeater and set it on a hill.

The 220 repeater: Mike Cross (WB7AYU) reported that he and Hal reinstalled the station-master with new brackets, now vertical. Brought repeater down, will probably reinstall the repeater Saturday. There will be a bill for the channel mounting, about \$30.00.

Ken will mail Jo a copy of the K7LED license.

Committees Liaison Reports

Technical: Alan Hughes: Nothing to report.

Public Service: Brendan Burget (KD7IKV): JOTA will have something published in next Chief Seattle Council Boy Scout publication. Need place to operate, equipment, ham support, and more information on what is required. Would like to present the survey at the July general meeting, also put in the Relay. The survey will ask what equipment you have and what events you would be interested in. The

information would not be given out, would be used by the committee to decide which members to contact for events.

WWARA asked us if we would like to include our public service booklet in their booklet. Jack suggested that the Mike & Key be given credit. Jack moved that we give them the material, as long as they give us credit and no costs are incurred. Barry seconded, motion passed.

Education: Mitch Gill (K7TUT):

Strategic Planning: Barry Wolborsky (KC7YB): Nothing to report.

Facilities: Steve Cook (KD7IQL): Cleaned out the closet, found three plaques that were thought lost. Turned over to Nils and Jo to be updated. Carolyn will supply the names and call signs. Also found ancient laptop computer with external 25 meg hard drive, an old TNC and a couple of QRP kits. Only have one analyzer. Took inventory of those who have keys for the cabinet and/or the building. Brendan, Jack Burrell, Jack, Frank, Jim have building keys. Ken, Jo, Brendan, Frank Kreiger, Jim(2), Steve (2). (11 total).

Kim moved that the facilities chair be in charge of inventorying, listing the keys. Steve seconded. Discussion- also includes Post Office box keys- Kim has one and Brendan has one. Motion passed.

Who has a need to be in the cabinet? Jack made a motion to limit number of keys to 7. Seconded by Jo. Passed with one abstaining. Those who should have keys should include Treasurer, President, Radio officer, Secretary, and Facilities officer.

On field day we will throw away any lines that are bad.

Field Day: Alan Hughes (KB7SVU): Has ordered porta-potties. On Sunday, Brendan, Steve and Alan will go through the trailer. Needs someone for security Friday and Saturday night, Mike volunteered. Ken will also sleep in his pickup. Needs copy of letter Kim sent to paper. Will need more blocking for tower trailer, 16" x 12 x 12, at least 5. Ken noted the information. Overall doing well. Steve will order pins and one t-shirt tomorrow. Will need check from treasurer. Scott will provide maximum RF exposure reports.

Picnic: Dawn Humphrey (KC7YYB): Not present, see Mike's report.

Old Business

No replies to motorcycle trailer ad.

What is required for ARRL Special Service Club status? Mike will send out on reflector for board to review.

New Business

Shoreline ACS is filing for 501c3 status and wants to have a copy of our by-laws, plus any advice. We are 501c7 so our by-laws or articles of incorporation probably won't help. Jim will

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and no discernable problems. Repair cost Nuttin! So I went over and picked up my gear, brought it home and started setting it up. Brand new power supply, this one has meters so I can watch what is being used, GOOD! Power line to distribution box, GOOD! Power line to radio from distribution box, intact. Multimeter says 0 VDC. HmMMMM! Yo, what arte those little fuse looking things in the line? Could they be, would they be, is it possible? A FUSE! Remember assume! They have never blown before...never! ***Yup they did. The 850 is back on the air and performing as it always has. Superbly! The reality of this tale is: look for the simple problem first, do not assume, and check every thing twice. I have had licenses dating back to 1958, KN7LAC, and now I know for sure! Momma did raise a dummy. Poit* **reality**

Never accept a drink from an Urologist: **this is the law of common sense!**

The more you run over a dead cat the flatter he gets: **this is the law of knowing when to quit!**

When putting cheese in a mousetrap, always leave room for the mouse: **this is the law of avoiding oversell!**

The first law of reality: there are some days wherein no matter which way you spit; it's always up wind! *Re: law of common sense applies too!*

The second law of reality: when you starve a tiger, the tiger starves last!

The third law of reality: what ever it is that hits the fan, it will not be evenly distributed!

The fourth law of reality: Never get into fights with UGLY people. They have nothing to lose!

The fifth law of reality: Creativity is great, but plagiarism is faster!

The sixth law of reality: REALITY is a crutch for those of the gene pool who cannot deal with fantasy!

Above all: if you dance with a grizzly bear, you better let him lead! For this is the most important law:

The law of volunteering!~!~!

Well its time for me to do my traffic net, PAN (Pacific Area Network) Maybe I can bring you a piece of traffic. I think I have said enough for this month. And yes you can call me Ugly, my Mother – in –law does.

PS: Congrats Cutis Hanner, he passed his General written yesterday, 5/18/02 and should get his ticket in the mail before you read this...Curtis, extra is just a step away! J.

Never leave home without it

Submitted by Jack, N7ZS

On Thursday, 30th Dodie and I started for a week's trip to the State Park at Wenatchee. After traveling about ¼ mile we noted a flat trailer tire. I contacted Road Assistance and then headed to the tire shop to get the flat fixed. Finally, we were on our way. Four miles short of Monroe we had some serious brake and steering problems. After clearing the highway, we pulled out the cell phone and it wouldn't... well, you know,... no coverage!

Finally getting on the ball, I picked up the mobile

440 rig and called for some help. My old friend Raleigh, WB7WNF, came up and was able to contact AAA for me. The help arrived within the hour and they towed the truck but not the trailer to Monroe.

As the tow was leaving a retired Army guy stopped and offered to tow the rig to Les Schwab in Monroe. What a relief. Since it was now about closing time we stayed in the parked trailer for the night. As they were too booked to assist us, we hooked up and slowly drove home using the brakes as little as possible. As you can see, in this age of high tech there is a place for Ham radio. Never leave home without it.

EC Wanted

Submitted by Mark, KD7KUN

Due to the recent resignation of Rick Hodges as the King County ARES Emergency Coordinator, a committee has been formed to accept applications from interested ARRL members (the EC does have to be a member of ARRL). For information on the duties of an EC, please go to the ARRL website at <http://www.arrl.org/FandES/field/org/ec.html>. With the recent events, emergency response and preparedness has become more important than ever; we are looking for someone who is willing put their management and service skills to use in coordinating the members and teams that comprise King County ARES. Strong people skills will be a necessity for this job as you will be working with not only volunteers but also with agency emergency coordina-

tors from government and organizations such as the Red Cross and Salvation Army. If you are interested in this volunteer position, please send your contact information and a brief biography of you qualifications to:

Mark C. Whitaker,
14537 N.E. 40th St. #H201,
Bellevue, WA 98007
or e-mail me at mcw@nwlinc.com

We will be reviewing all applications at our next committee meeting on June 25th; please let me know of your interest prior to June 18th. Thank you!

DXing—East of the Airport

Submitted by Jo KB7UFM

This coming Saturday Nils and I will have a visitor from South Cook Islands. Victor / VK1CG will arrive at SEA-TAC from Roratanga on Saturday the 8th on his way to visit relatives in Wenatchee on Sunday. We should have a nice eye-ball QSO. Quite a surprise to say the least! We have spoken many times via radio. Sometimes he's ZK1CG when on South Cook and when on North Cook he's ZK1USA. I hope you all had a chance to view

and listen to the May program at the meeting. It was put on by Roger K7VV and Bob W7TSQ and Victor was right there on the slides so you know who our guest will be on Saturday. Unfortunately, he will arrive back in Seattle on his way back home on June 21st and you know what that weekend is, don't you? Wish he was able to go to Field Day at Fort Flagler but his time is very limited. We should have a nice visit although brief. Victor lived in Seattle several years ago when he worked for Metro. He shall be surprised at the many changes over the years. Should be fun and Nils and I are looking forward to the visit of a gentleman from the south seas.

And again in the dark of the night, rattle-rattle-rattle by Jan K7YH

As we grow older, I think the creative process becomes an intermittent process. Every one knows that thoughts and ideas come at the oddest times. I believe that as I grow older I am not only shrinking in size, but the old brain is also shrinking. I do not think this is harmful to one's mental abilities. The science guys tell us we only use ten percent of it anyway, so it stands to reason we can allow 20% shrinkage and still maintain a status of social decorum that is cognizant with a high state of fecal propinquity. How do I know this, well, I hear things in the middle of the night. No, not voices, but sounds. It usually occurs as I roll over in bed. I hear this definite sound, I thought at first it must be my sinuses. This sound some times occurs as I am waking to get up and check the bunkers, making sure there is nothing in the wires. You see we used to hang cans on the concertina, and put a few pebbles in them so any movement would cause a rattling sound and alert us to Sir Charles, creeping thru the berm. It's that rattling sound I hear and I discovered what it is...it's a stray thought wakening me to its existence so I can get up, put my table up, pull the laptop down and talk to you. Even when it is 2:00AM. Yaa, I still wake up 4 or 5 times a night.

Like a whole lot of you, I grew up in a time that venerated a system of morality that is not prevalent today. One dealt with honesty, honor, truthfulness, your word was your bond. You did not even think of lying, cheating or stealing. Elders were treated with respect, and obeyed. Organizations promulgated codes of conduct, society demanded it. When the national anthem played or the flag passed, you removed your hat and with it in hand, you covered your heart in token of fealty and honor to your country and flag. Even the ARRL had a code, still does, although it's not emphasized as much any more. Even the Federal Communications Commission still employs it.

That is why one can be subject to censure if you interfere with another's QSO, or if you use blasphemous or foul language in your operation. We all own the frequency, we all belong there. That is why we have those codes of conduct, so that we can all co-exist on the radio, enjoy our hobby, and do good unto everybody.

What it really boils down to is that: no one has precedence in using the repeater, or the frequency. Emergency organizations such as ARES use our repeater facilities with our permission. That was granted in a joint agreement between the Mike and Key and ARES. So far as I know, that is the only agreement in existence on this subject.

If you watched the news last night you may have heard the story about the two climbers on Mt. Baker, they ran into trou-

ble, and used a handi-talkie to call for help. A family, returning from Canada and a Memorial day family event, were in two cars having a QSO when they heard the mayday and responded, alerting authorities to the situation. Nice pics, on channel five KING TV, of the ops, and the mobile gear in operation. Too bad they didn't give the involved call signs.

Now I can almost guarantee the other operators on frequency gave the mobiles and the climbers a clear frequency to deal with the situation. And that brings the rattle to full volume. It seems there are folks in the area who are not quite sure how one breaks in with an emergency.

If you were involved in an emergency, then you would break the QSO in progress if any, and declare an emergency. "This is K7YH with an emergency!" You will have the immediate attention of all persons on the frequency. The ingrained habits will immediately be employed, and operators will assist you. If you are in a life threatening situation, you would say "mayday, mayday, ,mayday this K7YH marine mobile, taking on water and sinking, 2 miles north of Vashon Island. Please notify the Coast Guard." Any station hearing a call like that should immediately get on the phone, call 911 and ask to be connected to the Coast Guard.

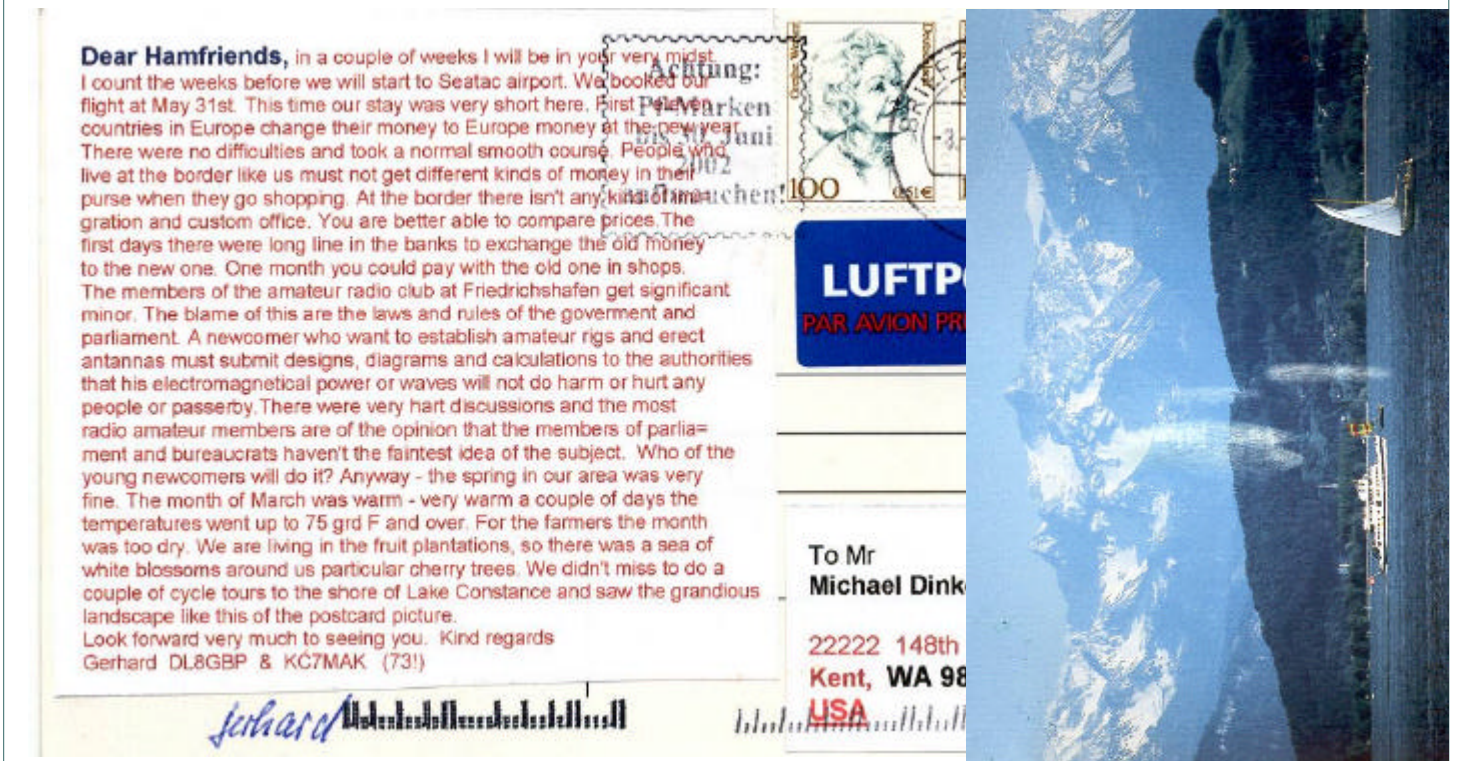
Its almost like writing a story, the authorities need to know who, what, where and when. And, very important, how many people are involved. When discussing the situation with the authorities you should add who you are, what frequency you are on and any other information you may be able to obtain from the calling station.

In the case of the Coast Guard, do not be surprised if they come up on that frequency and talk to you. It is authorized! Several years ago I was on a trivia net on 40 meters when I heard a mayday. I broke the net asking if anyone besides me could hear the calling station. Two other operators could. It was a 65 ft. fishing vessel off Baja, taking on water. Out of San Diego, they had already lost their marine radios, and a crewman had rigged his rig so when not working he could do some hamming. Anyway I called Coast Guard Seattle, who in turn called San Francisco. They have an all frequency Log Periodic and use 50,000 watts output. When that guy keys the mike, it pins the needle of every rig within a thousand miles. The situation in hand the trivia net closed so CG could talk to the boat. The next night at the appropriate time we started the net, and lo' the CG was still working this boat on 40 meters. We could actually hear the CG Helicopters talking to the vessel, dropping pumps and making arrangements to evacuate some of the crew.

Just one tip for those of you who are new to radio. You have a knob on the radio called Mike Gain. If the station cannot hear

you, turn the processor on, and increase your gain. Of course you do not have this feature on a handi-talkie, in which case yelling only over deviates your signal and causes it to be unintelligible. Have fun on your boat, hiking, fishing and camping, and remember, you may some time in the near future need a GPS and a handi-talkie. They can and will keep you alive.

So, with that the rattle has subsided, and I have gotten rid of my soap box. By the way, anyone seen my soap box? Big, reaally biiiig, made outta 4x4s, only thing big enough to hold me! POIT. Wish my waist line (or is it waste line?? My wife keeps saying I am full of it) would shrink as fast as the rest of me. I was 5ft 10 in. now I am 5ft. 7 1/2



220 Repeater Update

Submitted by Hal N7NW

Mike, WB7AYU, and I went to the Tiger mountain repeater site and fixed the antenna mount. Had to actually replace the bracket. Took us about 3 hours to com-

plete the job. Barry, WA7HJR, and Bob, WA7HJT, were at the site also doing some repair of their 450 repeater. I had to bring the repeater back down as initial tests showed that it was lacking in sensitivity. I returned it this week and returned it to the site today. It's working much better. We took some pictures of the site, antenna, and our 220 rack inside.





A Mr. John Johnson has 3 reels of 5000 resistors each he wants to give away.
425 861 9623

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 146.22-146.82 (PL103.5), and 222.52-224.12 under the call K7LED. The Club mailing address is: POB 4234, Renton, WA 98057. All persons interested in Amateur Radio are invited to participate in the Mike and Key Amateur Radio Club and it's activities. Yearly dues are \$12 for individuals and \$6 for each additional family member.

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Field Day Chair	Alan Hughes	KB7SVU	kb7svu@juno.com	253-840-4947

June—July 2002

Sun	Mon	Tue	Wed	Thu	Fri	Sat
9 RN	10	11 DA	12	13	14	15 Club Meeting 10AM Strawberry Festival N7LEX 425-488-0905
16 RN Tour de Pierce KB7SVU 253-840-4947	17	18 DA	19	20 PSN	21 FD Setup	22 Field Day Flying Wheels W7AKA 425-226-4115
23 RN Field Day Shore Run KD7KFN 425-485-5405	24	25 DA	26 Board Meeting 7:15 PM	27 PSN	28	29
30 RN	1	2 DA	3	4 PSN Independence Day	5	6
7 RN Wallingford Parade N7LEX 425-488-0905	8	9	10	11 PSN	12 Relay Deadline	13 Derby Days N7LEX 425-488-0905

RN – ARES Regional Net, 8PM, 146.82

DA – ARES Damage Assmnt Net, 8PM, 146.82

PSN – Public Service Net, 7PM, 146.82

MKN – Mike & Key Net, 9:15AM, 146.82

Contests

