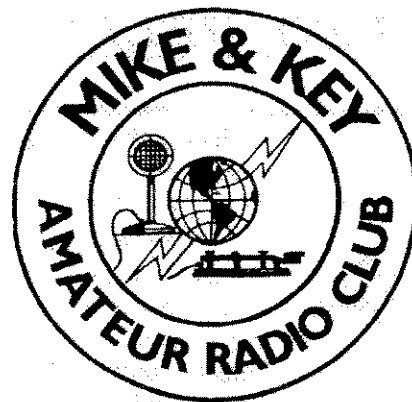


K7LED RELAY



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 Tobin St., near the SE corner of the Renton Airport. The Club operates repeaters on 52.05-53.05, 146.22-146.82 (PL 103.5), and 222.52-224.12 under the call K7LED. The following nets meet on 146.82: Club Net, Wednesdays at 7:30PM; Public Service Net, Thursdays at 7PM. The Club mailing address is: PO BOX 2121, Kirkland, WA 98083. All persons interested in Amateur Radio are invited to participate in the Mike and Key Amateur Radio Club and it's activities.

VOLUME 21

AUGUST 1993

NUMBER 8

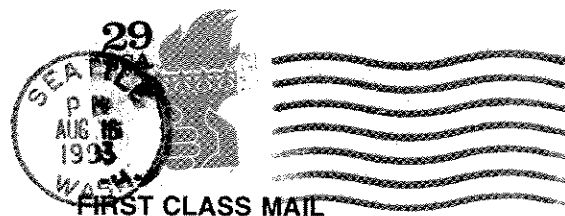
PRESIDENT	- Chuck Stroehrer, WA7EBH	Tel:392-5303	TRUSTEE #1	- Chuck Benefiel, N7STR	Tel:279-1517
VICE-PRESIDENT	- Nils Hallstrom, WB7TJK	Tel:242-8271	TRUSTEE #2	- Carolyn Pasquire, WV7Q	Tel:862-1157
SECRETARY	- Wayne Deviney, KB7OTS	Tel:235-8722	TRUSTEE #3	- Vaclay Sal, AA7EJ	Tel:668-7138
TREASURER	- Jack Burrell, KB7ZS	Tel:454-3617	TRUSTEE #4	- Jan Van Allen, N7WJB	Tel:824-9039
ACTIVITY MNGR	- Kevin Purcell, N7WIM/G8UDP	Tel:279-1517	TRUSTEE #5	- 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
KENT WA 98032

NEXT BOARD MEETING
September 7 @ 7:30PM
Salvation Army HQ
720 Tobin, Renton

NEXT BREAKFAST
August 21 @ 7:30AM
Riverside Inn
14060 Interurban So, Tukwila

NEXT CLUB MEETING
August 21 @ 10AM
Salvation Army Renton HQ
720 Tobin St, Renton
Doors open at 9:30AM
Program: Antenna Tuners



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



M&K PICNIC, SUNDAY, AUG 22
RCT FLEAMARKET, AUG 14

DEADLINE FOR SEPTEMBER RELAY SUBMISSIONS - SEPTEMBER 9
CHECK MAILING LABEL FOR DUES EXPIRATION DATE

From the Prez
Submitted by Chuck, WA7EBH



Thank-you! Thank-you! To all of the club members and area hams that helped in this years Seafair events. We had over 70 hams help on the Torchlight Parade and 110 hams overall that participated during the events. Quite a good showing on behalf of the hams. We also received several outstanding comments from the parade officials and police departments on the professionalism of the group. We had our usual number of problems, which all of you handled in style. I hope that everyone had some fun and plan on returning next year. My hat's off to all of you that participated, A JOB WELL DONE.

My thanks to Tom, N7VDU, for handling the ARRL book distribution to the area libraries. If you would like to help on the final distribution, contact Tom.

Well, next years Field Day planning is under way by our Vice President, Nils. Nils has been taking notes and going around talking to people, as only he can, on making next year a grand event. If you would like to help, or give him an idea or two, please give him a call.

The 5 standing committees have now been formalized. The Trustees assigned to the particular committees have been given the list of participants and asked to contact the committee members to get things off the ground.

For upcoming public service events, there is a parade on August 21, in Auburn, the same day as the club meeting. Also, Sunday the 22nd is the Club picnic. In October is the Issaquah Salmon Days parade. Check the Green Public Service and Information guide that Wayne, K6DOW, and Gib, W7JIE, publish for others.

Enough of my ramblings for this month, see ya all at the meeting. By the way, help Mike out and write an article for him to publish, after all, it's not that hard and it is your paper also.

Vice-President's Report
Submitted by Nils, WB7TJK

At the Club meeting on July 17, 1993, there were 56 persons present, including 6 visitors. One membership was presented before the Board and approved - Allen Hopwood, KB7THX. Additional discussion was made about a previously approved membership that has not been completed. This membership will be presented to the General Club for possible special consideration. Please

welcome the following new members who joined the Club in July.

Gerrie Garman, pending
2109 160th PI SW
Lynnwood, WA 98037

Charles Hare, KD4KWY
8731 S 259th B-203
Kent, WA 98031

Treasurers Report - July 31, 1993
Submitted by Jack, KB7ZS

The Financial report for July is noted below:

INCOME/EXPENSE

INCOME

Dues	\$	78.00
ARRL		
Raffle Profit		
TOTAL		<u>78.00</u>

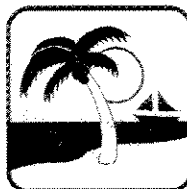
EXPENSE

Relay	142.96
Field Day	
Fuel	44.29
Ferry, T/Tlr	40.05
Hall Rental	187.50
PR (book stamp)	27.64
Miscellaneous	<u> </u>
TOTAL \$	442.44

EXCESS/DEFICIT \$ (364.44)
=====

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.....

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

August 22 - Club Picnic, Lake Meridian in Kent hosted by Mike, WA7UVJ

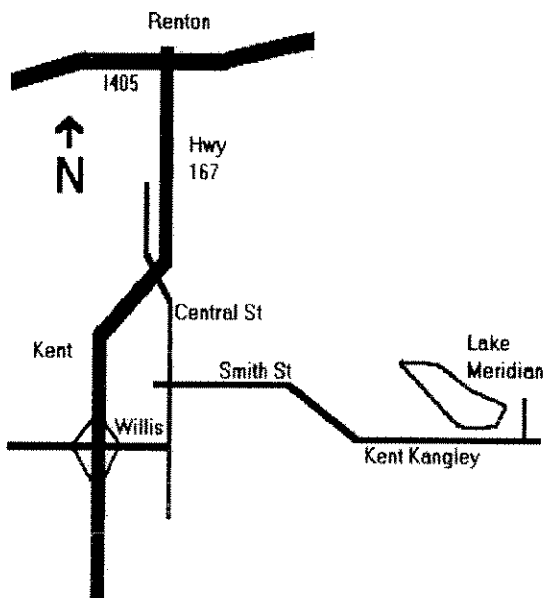
Picnic News

Submitted by Michael, WA7UVJ

Gosh, it's August already! Certainly hasn't been very summer-like.... it fact, I would say it's been one of the best Winters on record, so far. These first few days of the month promise better weather to come though. Either way, come rain or shine, the Mike & Key ARC Picnic will go on, Sunday, August 22nd!

The picnic will be held at Lake Meridian Park in Kent (directions below). It's a new facility and quite nice. There is swimming and boating (if you got one). The Club will provide the main entrees and beverages. The rest is potluck and up to you (think of it as a close-in Field Day Party). There will be signups at the Club meetings or you can give me a buzz on the phone. The festivities will begin at 11AM and end when we do or when we get kicked out. Whatever you do, don't forget the kids and grandkids. A special attraction will be a prize for the best (worst?) Hawaiian shirt with the winner picked by the picnic participants.

Remember, Sunday, August 22nd, 11AM.



Directions: Head south or north on the Valley Freeway (Hwy 167) towards the City of Kent. Once you have reached Kent, you may approach Smith Street from two directions.... 1) from the north by exiting Hwy 167 on to Central or 2) from the south by exiting Hwy 167 on to Willis then going east to Central. Alternatively, if you are west of Kent, come down the Kent-Des Moines road from the I-5 Freeway and this leads directly into Willis Street.

Head east on Smith which goes up a long steep hill (Canyon Drive). You will pass the Benson Hwy (104th Ave) and continue on to Kent-Kangley which is the main road headed East out of Kent (two lanes all the way to Lake Meridian). It is approximately four miles from the time you get on Smith until you reach Lake Meridian Park. Of course, the two meter repeater will be available for talk-in as necessary.

Mercer Island Hams Plan for Emergencies

Submitted by Michael, KG7MX

The Emergency Management Action Committee, a group coordinated by Mercer Island Police Commander Ron Elsoe, has written a letter to all hams living on Mercer Island asking them to join 40 members of the City staff, Police and Fire Departments in planning for communications coordination in the event of a local emergency.

The letter notes that the city has three frequencies for Police, Fire and City Management workers, but that in the event of a disaster these frequencies will likely prove inadequate.

A dozen or so Mercer Island hams, including my son Mike, N7PGZ, and wife Morreen, N7RXP, have returned form letters to Elsoe describing our licensing and capabilities. We are awaiting his call to a series of meetings which train operators in preparedness and how to work with the system already in place. If you live on Mercer Island and have not been contacted by Elsoe, you can get forms and information about joining his Emergency Preparedness team by calling him at 206-236-3576, the emergency preparedness line, or the regular police number, 236-5300. We expect to be meeting soon, so don't delay if you're interested.

Washington QSO Party (Salmon Run)

Submitted by Michael, WA7UVJ



Hold on to your reels. The Washington QSO Party, sponsored by the Western Washington DX Club, comes up next month September 25-26. This is the contest where you are the desired contact and you just might help somebody else when by providing that rare county as a multiplier.

Whatsa QSO Party? Why do you wanna get involved. Well it's an easy going type of contest that encourages stations outside our State to contact stations inside our State. It's low pressure and fun if approached correctly. As we are short of room this month, I will get into the details in the September Relay. Stay Tuned!

**The Multifaceted Aspects of Amateur Radio
Submitted by Chuck, N7STR**

Amateur Radio has a variety of aspects, which generate more than one level of interest, and more than one resulting purpose because of that interest.

You see, Amateur Radio can be a hobby and a time killer. Or, it can be a communications tool for a local personal contact, long distance contact, or international contact.

It can act as a community service tool for local events, parades, fairs, or for emergencies, either of a local or international nature. These can range from search and rescue, to major disasters.

Amateur Radio is a teaching tool and a learning tool. It teaches us about the theory of wireless communication, about radio waves, about the different forms of communication available, such as code, packet, and Amateur Television. It teaches us about electronic principles and applications.

It teaches youth and adults about the proper etiquette of communication. The proper time and place for different types of conversation. Ham Radio is no a proper place for suggestive stories, vulgar language, or inappropriate or slanderous remarks. The other reason for this etiquette is the nature of our activity.

We, as Amateur Radio Operators, are a brotherhood of unofficial National and International Ambassadors for our region, state, or country to the rest of the world. The memory of what was said and our attitude of how and why we said it, is always remembered after the radio has been turned off.

We have to remember that the right to communicate is not the same as the privilege to be a Amateur Radio Operator.

Amateur Radio is a privilege that is earned through a testing procedure. A privilege which expands with the class of license you have secured by that testing procedure. This testing procedure does not always guarantee that the quality of the operator meets the level of the license that has been secured, but it is probably the best way of limiting the amount of improper communication which would get broadcast internationally.

We have to remember that when we are talking on our radios that Hams are not the only people listening. There are FCC officials, private non-Hams with scanners, women and children, and, of course, all of those Ham Operators which just monitor their favorite frequency. Don't ever assume you ever have a repeater or a simplex frequency

to yourself.

I only mention this because it is periodically a topic which comes up at our Board meetings and is an expressed concern of many Ham Operators.

WANTED

Used heat seal press of the type used for applying heat transfers to T-Shirts. Michael, WA7UVJ, 854-4031

**Open Letter - Goodbye
from the Ayers**

Dear Friends,



Our membership expired this month so we will no longer be on your mailing list but just wanted you to know why we had not renewed. We have moved to Brookings (Oregon) as of July 1. We appreciate being a small part of the Mike & Key ARC while in Seattle. We have joined the Pelican Bay ARC here - they meet informally for coffee Mon-Fri at a local tea room.

We don't yet have our antennas but are anxiously waiting to get on the air. 73 and 88 to each of you. You are an outstanding Club and we continue to wear our jackets with pride.

Marion and Howard Ayer
KB7PAD and W1IIP
97940 W Benham Lane Sp 16
Brookings, OR 97415

(I hope you will join me in wishing Marion and Howard good luck in their new home. - Ed)

**Flea Market Meeting #1
Submitted by Chuck, WA7EBH**

Just seems a short while ago we were recovering from the aches and pains of putting on the best Flea Market in the Northwest. Well, to continue that tradition of excellence, we must start planning for 1994 in now.

The plan is to hold all Flea Market meetings on the first Thursday of each month - usually at the Salvation Army HQ if possible - at 7:30PM. That means the first meeting will be September 2. Of all the meetings, this is the MOST IMPORTANT! This is the meeting we use to pick our interested Chairs and to nail down specifics.

This is a Club event, your Club! We need help, your help! Please plan to attend, all are welcome.

**More By-Laws Stuff
Submitted by Ray, WA7EKH**



The following amendment to the Mike & Key Bylaws is proposed, August 3, 1993

The undersigned recommend the following be added to ARTICLE IX, 9.03, A.

"The Audit Committee shall consist of two (2) Trustees and three (3) randomly selected Club Members. The Chair shall be selected by the Committee."

Ray Leslie
Wayne Moddison
Chuck Stroehrer

(This amendment will be voted on at the August meeting. Hopefully that will put the By-Laws to bed for a few years! - Ed)

**Chris Holt - WA7RJW
1951-1993
Silent Key**

It was with deep regret, that at the June meeting, I announced the passing of a fellow Club member and good friend to many - Chris Holt, WA7RJW. Chris had been a member of our Club for almost 20 years and was very active in the 70's and early 80's. Around 1974, Chris was the one who, upon a visit to Fort Flagler, had figured it would be a great spot to hold our annual Field Day exercises. Well, the rest is Mike & Key Radio Club history.

Chris is survived by his wife Linda, WB7DVX, daughter Nicole, and son Jason. Chris and Linda were in the process of building a business in the community of Lake Chelan at the time of his illness and had very little insurance. A Chris Holt Fund has been established by the community of Lake Chelan to help Linda and her family in this difficult time. Donations can be sent to this fund in care of North Cascade Bank, POB 1648, Chelan, WA, 98816. I know our support would be greatly appreciated. Chris was very special to many of us in the Club and will be missed. I especially will miss him.

To my dear friend "CHATO"... 73.
Jimmy, WM7A

**Longview FleaMarket
Submitted by Michael, WA7UVJ**

The Lower Columbia Amateur Radio Association of Longview Washington announces it's 2nd Annual HAM

RADIO, COMPUTER, & ELECTRONIC EQUIPMENT SWAP MEET for Saturday, August 21. It will be held at the Cowlitz County Fairgrounds in Longview.

Specifics -

- Time: 9AM to 3PM
- Admission: \$2
- Tables: \$10
- Tailgates: \$5
- Commercials: \$40
- Talkin: 147.26+ (K7ZVV)

There will be no VE testing this year. There is RV parking (\$10) with electrical hookups. For more info, call (206) 435-6076, (206) 425-9184, or (206) 425-1866.

**Technical Committee Forming
Submitted by Michael, KG7MX**

The new By-laws provide for each trustee to keep the Executive Board informed and report on the progress of one of the Club's Standing Committees each month at the Executive Board meeting.

Each trustee has taken responsibility for a Committee and may be calling on those of you who have shown an interest in that area to join the Committee. I have the honor of serving the committee responsible for organizing club resources in advanced technical areas, an assignment made, no doubt, because this is the one place the rest of the trustees could put me where I am unlikely to expose my ignorance by talking when I should be listening.

I have talked to a few people who have expressed interest. I know that many of you will want to be included when, after summer vacations are over, the Committee begins to meet and start planning how the M&K resources, financial and personnel, can best be deployed to help our members enjoy the newer frontiers of the hobby. Let me know of your interest in being notified of the Committee meetings, so that this new committee can start, at least, playing with a full deck.

**Bad Limerick #2
Submitted by Ned, N7PWR**

There once was a Ham, no longer alive,
Who used 2 Meters whenever he would drive.

All terms he knew,
And his knowledge grew,
But he always "destinated" and never arrived.

(Uh Oh! I didn't think my little ditty last month would spawn others. What have I done? Will this be the last? Tune in next month and see if other closet poets spring forth out the dark. Thanks Ned for the good work. - Ed)

Minutes - July Club Meeting

July 17, 1993 - Meeting called to order at 10:02 AM

REPORTS:**President, Chuck/WA7EBH**

Broadcast of donation to Centralia Ham imminent on Channel 4
Formation of standing committees announced per the bylaws

Vice-President, Nils/WB7TJK

The following candidates were approved for membership
Charles Hare, KD4KWY and Gerrie Garmen, call pending

Treasurer, Jack/KB7ZS

Expenditures of approx \$2000, income of \$264. Detailed Field Day costs.

Chairman of the Board, Carolyn, WV7Q

No report

Public Service, Chuck/WA7EBH, Wayne/K6DOW

Seafair parades and Torchlight over next several weeks. See Chuck/WA7EBH to sign up.

Newsletter, Mike/WA7UVJ

Relay deadline is Thursday following the Board Meeting, August 5.

Picnic, Mike/WA7UVJ

Picnic is August 22 at Lake Meridian Park in Kent. Signup sheets available.

Field Day, Vaclav/AA7EJ

Presented "special" QSL's to members for their participation.

ARRL, Harry/W7JWJ

ARRL Board meeting is in progress. Field Day messages never arrived.

Nets, Frank/KA7QHJ

Discussion of Youth Net possibilities

Old Business

An invitation will be issued for Younger Hams to use the 220MHz repeater as a gathering place.

KB7TWJ: will be ordering some 220MHz kits from Ramsey if others are interested

N7VDU: Library Books have been purchased, are being stamped, and will be donated shortly

New Business

Nils/WB7TJK was announced as the Field Day MVP

Nils/WB7TJK has volunteered as next years Field Day chairman

A motion (published in last months Relay) to rescind the outside Audit provision in the Bylaws was voted on and approved.

Discussion was held on the desired makeup of the internal Audit Committee. Board to render an advisory.

K7PHZ: would like to see a line item in next years budget for the purchase of similar tents to the ones purchased for Field Day this year.

Minutes - August Board Meeting**REPORTS:****President, Chuck, WA7EBH**

- Seafair went great, 70 Hams at torchlight. Great Job all around.
- Flea Market meeting on September 2.

Vice-President, Nils, WB7TJK

- Presented application of Allen Hopwood, KB7THX to Board for membership. Accepted by Board, passed on to general membership.
- discussion of special membership for Chris Halstadt, KA7TDU who cannot attend meetings. To be brought before the full membership.
- 16 new members since January. New application form to include statement "referred by".

- Five tents available from REI - same as those at Field Day. Nils made motion to purchase two more for the Club. Motion passed. Jack/KB7ZS made a motion to purchase all five tents. The extra three have been spoken for by Club members. Nils will reimburse the Club fully. Motion passed. **THERE ARE NO MORE TENTS.**
- Nils picked up two cash boxes at liquidation sale. Jack/KB7ZS made motion to purchase the boxes for Flea Market use. Motion approved.

Treasurer, Jack, KB7ZS

- \$442.44 out, \$78 in. Details in Relay report.
- Barracks reservation sent in for Fort Flagler, 1994.

Committees Reports

- All committees, no meetings as yet.

Old Business

- debate on makeup of Audit Committee. Final proposal and motion by Ken/K7YR. Committee to be made up of two Trustees and Three randomly selected interested Club Members.

New Business

- Jim/WM7A presented the Chris Holt Fund before the Board. Asked for an 'appropriate' donation. After discussion, the Board moved and approved a recommendation that the Club donate \$500 to the fund. A vote by the Club will be presented at the August meeting. A donation jar will be available at the Club meeting for individual donations.

**Epilogue - Field Day 1993
Submitted by Vaclav, AA7EJ**

During my involvement with Field Day activities, I repeatedly heard two very common English words - "responsibility" and "worry".

The word "responsibility" was frequently used by an experienced, mature person in sentences like "It is your responsibility to...", "You are responsible for ...", "The band chair is responsible for...". On the other hand, I have noticed that an immature persons had very limited use for this versatile word. They somehow preferred to substitute actions - enthusiasm and personal involvement.

The other word - "worry" was frequently presented in the sentence "Do not worry about that, we have done Field Day same way many times, it will all work out." It took me a little while to realize that it really met "I really do not care about the subject or outcome of the events, let somebody else take care of that!"

I am very glad I did learn how these two words are used in this club. I just keep thinking that the phrase "You are never too old to learn" still applies to me. I am not very good in keeping useless statistics, but I think this was my twentieth involvement with outdoor, emergency type of contest. I do hope that the next one will be different, I do not care much for some of this club traditions, from where I am standing they look more like "wagon wheel" ruts.

By the way, if you missed the 1993 Field Day at Marrowstone Island, now is the time to get involved in the next club event! Cee Quu Contest - anyone!?!?

Mike & Key Roster, August 1993, Name Sort, Page 1

AHRENS-NORMAN N7KWZ
794 KITT NARCISSE RD
COLVILLE WA 98114
NOT LISTED G

ARMAN-NED N7PWR
19908 MARINE VIEW DR SW
NORMANDY PARK WA 98166
878-7434 E

ALDRIDGE-GEORGE N7XCX
4421 FRANCIS AVE N
SEATTLE WA 98103
NOTLISTED G

ANDERSON-ROBERT NX7N
12029 SE 220 PL
KENT WA 98031
631-8330 E

ANGELOFF-CASEY W6PKW
21609 - 145th ST E
SUMNER WA 98390
897-6316 A

ANTES-RICK KF7VG
375 UNION AVE SE #128
RENTON WA 98059
246-7570 E

AYENGAR-PRAHLAD KB7AFS
2516 NE 95TH ST
SEATTLE WA 98115
524-4040 T

AYER-HOWARD W1IIP
218 S 152ND #86
SEATTLE WA 98148
431-9194 E

AYER-MARION KB7PAD
218 S 152ND #86
SEATTLE WA 98148
1-9194 G

BALZARINI-BILL KL7BB
2525 S 355TH PL
FEDERAL WAY WA 98003
927-1054 E

BASKETT-BRIAN WA7PVE
5802 SWAN CREEK DRIVE
TACOMA WA 98404
472-6812 E

BASKETT-JOYCE KA7VXN
5802 SWAN CREEK DR
TACOMA WA 98404
472-6812 T

BECKER-JOHN K7PFR
15160 NE 7TH
BELLEVUE WA 98007
746-2129 G

BELK-WILLIAM
4815 - 110TH AVE CT E APT D
PUYALLUP WA 98372
NOT LISTED

BENEFIEL-CHUCK N7STR
PO BOX 82
FOX ISLAND WA 98333
279-1517 T

BERTRAND-LEE KG7OW
PO BOX 34
ENUMCLAW WA 98022
897-8486 A

BLACK-JOHN W7HIL
1312 NE 16TH PL
BELLEVUE WA 98007
746-7611 A

BRIDGES-DICK N7YOB
9805 S 248TH A-4
KENT WA 98031
854-0201 T

BUCKNER-LEONARD KB7VDE
11817 87TH S
SEATTLE WA 98178
772-7033 T

BURRELL-JACK KB7ZS
108 130th PL NE
BELLEVUE WA 98005
454-3617 A

BUTLER-CARL W7PRW
16831 40TH AVE S
SEATTLE WA 98188
242-6297 G

BUTT-REG KA7ZYN
700 216TH PL NE
REDMOND WA 98053
868-8328 E

CADY-GORDON WA7AVC
8216 38TH AVE NE
SEATTLE WA 98115
527-1387 E

CARPENTER-JIM K7PHZ
2125 ELM SE
AUBURN WA 98002
833-9017 A

CARRIGAN-MIKE N7ZXX
14615 SE 42ND
BELLEVUE WA 98006
562-4936 T

CARRIGAN-NICK N7ZYA
16115 SE 5TH
BELLEVUE WA 98008
746-2298 T

CARTER-VICTOR N7YPB
26623 127TH AVE SE
KENT WA 98031
631-6705 T

CHRISTIANSEN-JIM K7ND
PO BOX 147
FOX ISLAND WA 98333
549-4062 E

COLLINS-ERAL AA7KW
2609 W PLYMOUTH
SEATTLE WA 98199
281-8085 E

CONBOY-TERRY N6RY
7969 145TH AVE SE
RENTON WA 98059
228-3127 E

CROOKER-ROBERT KB7PEC
1012 S 262ND PL
KENT WA 98032
NOT LISTED T

CROSS-MICHAEL WB7AYU
5803 SW HANFORD
SEATTLE WA 98116
935-2688 T

DEVINEY-WAYNE KB7OTS
17725 113th PL SE
RENTON WA 98055
235-8722 T

DIETSCH-DICK W7KCX
23713 NE 72ND ST
REDMOND WA 98053
868-8386 E

DINKELMAN-DIANE KB7DNE
637 - 2nd S
KENT WA 98032
854-4031 T

DINKELMAN-MICHAEL WA7UVJ
637 2ND AVE S
KENT WA 98032
854-4031 E

DONMIRSKI-JEREMY WA7YGB
15004 SE 183RD CT
RENTON WA 98058
226-5139 A

DONNELL-BOB KD7NM
18102 15TH AVE NE. #301
SEATTLE WA 98155
827-8005 A

DUNKEL-SANDRA K7OZY
2611 S 288th #52
FEDERAL WAY WA 98003
839-1256 G

ELKINS-RALEIGH WB7WNF
13506 CEDAR CT EAST
SUMNER WA 98390
897-8090 T

EVANS-RANDAL S WB0SNK
22209 122 AVE SE
KENT WA 98031
630-4200 G

FARSJE-PETE KG7OZ
21135 - 32ND S
SEATTLE WA 98198
824-6144 A

FASULO-JEFFERY N1HBQ
12907 E GIBSON RD, D104
EVERETT WA 98204
353-7963 E

FISHER-JOHN KA7QQR
12221 1ST NW
SEATTLE WA 98117
NOT LISTED T

FLENER-BETTY N7RYD
6011 OBERLIN AVE NE
SEATTLE WA 98115
524-6276 T

FULLER-JOHN KA7VBA
405 S 164TH ST
SEATTLE WA 98148
244-4131 T

GARMAN-DOUG KB7SXE
2109 160TH SW
LYNNWOOD WA 98037
743-9055 G

GARMAN-GERRIE
2109 160TH SW
LYNNWOOD WA 98037
743-9055 G

GIBSON-GIB W7JIE
1215 N 28TH PL
RENTON WA 98056
226-4222 E

GIBSON-THOMAS N7NFF
1901 UNION AVE NE
RENTON WA 98056
271-0190 G

GLIMPSE-CARL N7UDP
2601 312 ST CT SE
PUYALLUP WA 98374
845-7966 G

GOODELL-HAL N7NW
987 LUMMI DR
FOX ISLAND WA 98333
549-4178 E

GOUGH-JEFF N7QEP
25221 108TH AVE SE #D-307
KENT WA 98031
859-2854 E

GRIMMETT-JACK N7HIS
1525 PINE VIEW DR NW
ISSAQUAH WA 98027
392-9510 G

GRONAU-ERIC N7TQC
19436 SE 266th
KENT WA 98042
631-8287 T

GROTE-MARTIN KI7JD
2203 LINCOLN PL SE
RENTON WA 98055
235-4535 A

GUNNERSON-EMERY W7VMY
3050 14th W #301
SEATTLE WA 98119
284-1002 G

HALLSTROM-JO KB7UFM
17047 - 35TH S
SEATAC WA 98188
242-8271 T

HALLSTROM-NILS WB7TJK
17047 35TH AVE S
SEATAC WA 98188
242-8271 G

HALL-DERRICK N7UIW
4639 SOUTH AUSTIN
SEATTLE WA 98118
725-7851 G

HAMER-ELLIS W7BQG
1402 22ND NE #310
AUBURN WA 98002
939-4895 A

HAMLIN-JAMES W7FKI
31459 40TH AVE SW
FEDERAL WAY WA 98023
838-8453 E

HANSEN-MICHAEL KG7MX
4157 WEST MERCER WAY
MERCER ISLAND WA 98040
232-1069 E

HANSEN-MIKE N7PGZ
4157 WEST MERCER WAY
MERCER ISLAND WA 98040
232-1069 G

HANSOW-MICHAEL KA7CSE
1412 LK YOUNGS WY SE
RENTON WA 98058
255-7137 G

HARE-CHARLES KD4KWY
8731 S 259TH B-203
KENT WA 98031

HART 196802-JAN WA7HWX
C/O SAUDI ARAMCO PO BOX 5860
UDAHAILIYAH 31311
SAUDI ARABIA T

HAVERMAN-LLOYD WA7HNY
16729 126TH AVE SE
RENTON WA 98058
228-2058 A

HAYDEN-RALPH N7VWF
1836 E HAMLIN
SEATTLE WA 98112
323-0680 T

HEDBERG-PETE K7WTG
20904 NE 77TH ST
REDMOND WA 98053
868-1536 G

HICKS-P.J. N7BXY
29661 57TH PL S
AUBURN WA 98001
NOT LISTED G

HILES-JOHN KB7NZB
611 EDMONDS AVE NE
RENTON WA 98056
255-9529 T

HOLLAND-RICHARD KB7QVF
650 1ST NE #72
ISSAQUAH WA 98027
391-4622 T

HOLLY-ROSS N7NZJ
14241 WOODENVL-DUVALL RD 301
WOODENVILLE WA 98072
487-2499 G

HOLTAN-DEAN N7NKO
13915 4TH AVE SW
SEATTLE WA 98166
242-6715 G

HUMPHREY-DAN N7QHC
232 S 107TH
SEATTLE WA 98168
243-0163

HUMPHREY-DAWN
232 S 107TH
SEATTLE WA 98168
243-0163

JACKSON-KEN K7PZX
3921 55TH ST CT
GIG HARBOR WA 98335
851-2442 G

JACOBSON-GENE WA7TAI
7334 126TH AVE NE
KIRKLAND WA 98033
822-3931 A

JACOBS-LES WN7NXC
14300 103RD NE
BOTHELL WA 98011
821-8839 A

JEANS-ORIEN KB7GOK
36115 14TH SW
FEDERAL WAY WA 98023
874-5372 N

KANEY-STEVE N7MUT
5711 S 152ND PL #124
SEATTLE WA 98188
244-4282 A

KELIKOA-JOSHUA N7NKA
4249 S 173RD
SEATTLE WA 98188
248-2433 G

KELLEY-LLOYD N7YNU
2915 22ND ST
AUBURN WA 98002
NOT LISTED T

KING-HAP W7QCV
451 145TH PL NE
BELLEVUE WA 98007
747-0441 A

KOZLOWSKI-PETER N7UIF
23349 SE 269TH ST
MAPLE VALLEY WA 98038
432-0850 T

KRIEGER-FRANK KA7QHG
3410 S 166TH ST
SEATTLE WA 98188
243-9232 A

KUHLMEIER-THOMAS WA7YFH
3828 34th AVE SW
SEATTLE WA 98126
932-8646 A

KULIEN-MARK KB7KBY
21904 28TH PL S
SEATTLE WA 98188
NOT LISTED T

LAHR-DONALD AA7HB
940 - 9TH AVE
FOX ISLAND WA 98333
549-2436 E

Mike & Key Roster, August 1993, Name Sort, Page 2

LARSON-ARNOLD W7JWP
15348 70TH AVE NE
BOTHELL WA 98011
488-7463 A

LESLIE-ELEANOR
13517 117TH AVE NE
KIRKLAND WA 98034
821-4188

LESLIE-RAY WATEKH
13517 117TH AVE NE
KIRKLAND WA 98034
821-4188 G

LEWIS (ARRL DIR)-MARY W7QGP
10352 SANDPOINT WAY NE
SEATTLE WA 98125
523-9117 A

LEWIS-HARRY W7JWJ
10352 SANDPOINT WAY
SEATTLE WA 98125
523-9117 E

LOGEN-LARRY N7USB
PO BOX 3603
SEATTLE WA 98124
783-9852 T

LONG-JIM WA7HCP
8124 128th SE
RENTON WA 98056
NOT LISTED A

LUEBBERT-JEAN N7YAU
439 - 157TH SE
BELLEVUE WA 98008
643-6785 E

LUNDSTROM-DICK WA7UEW
32131 19TH LANE SW #166
FEDERAL WAY WA 98023
633-9559 T

MACK-BILL N7STQ
11047 SE 264TH ST
KENT WA 98031
852-5029 T

MANNISTO-ESKO N7VMV
10912 SE 6TH
BELLEVUE WA 98004
451-1869 G

MARTIN-RYAN N7TNI
PO BOX 5306
KENT WA 98064
631-5370 T

MARZI-ED N7VMW
13505 138TH AVE SE
RENTON WA 98059
235-0471 T

McCOY-MICHAEL N7VWD
12708 - 13TH LANE SW D5
SEATTLE WA 98146
246-4549 T

McGAHUEY-BOB WA7OXN
14840 74TH PL NE
BOTHELL WA 98011
488-7841 A

MEREDITH-RICHARD W9BFP
10530 SE 206TH PL
KENT WA 98031
852-1213 A

MILLS-MICHAEL KB7JNN
31108 3RD AVE #337
BLACK DIAMOND WA 98010
886-1811

MITCHELL-CLAIRE KB7GEW
NOT LISTED
SEATTLE WA
NOT LISTED G

MODDISON-WAYNE K6DOW
16646 SE 134TH ST
RENTON WA 98059
271-5314 A

MORRIS-JIM WA7FMT
4406 S 166TH ST
SEATTLE WA 98188
246-4270 G

NAVARRE-LEWIS W7QMP
24105 35TH PL S
KENT WA 98032
824-2935 A

NELSON-VERN W7ZLW
13839 SW CARNEY LAKE ROAD
PORT ORCHARD WA 98366
876-2495 A

NIXON-WARREN K7MRH
6908 AVON COURT
KENT WA 98032
854-9028 A

OLIN-CLIFFORD AA7BX
12201 SE 18TH
BELLEVUE WA 98005
746-2489 E

OLSON-ALAN KB7NYF
3426 NE SUNSET BLVD
RENTON WA 98056
255-9369

PASQUIER-CAROLYN WV7Q
PO BOX 166
SUMNER WA 98390
826-4977 E

PATTERSON-THOMAS N7VDU
PO BOX 425
MAPLE VALLEY WA 98038
432-1500 E

PAUZA-DARLENE KG7KC
600 SW KENTON ST #B101
SEATTLE WA 98106
767-7921 A

PEREIRA-MARK WA1JVV
405 S 7TH ST #3D
RENTON WA 98055
NOT LISTED

POZZI-CLINTON N7HAM
14639 SE 267TH
KENT WA 98042
631-0575 G

PURCELL-KEVIN N7WIM
318 10TH AVE E #C7
SEATTLE WA 98102
726-8032 T

RAMBO-LEW WA7ELI
11605 NE 150TH PL
BOTHELL WA 98011
488-9120 T

RAU-KEN K7YR
5430 LAKE ALICE RD SE
FALL CITY WA 98024
222-7711 E

REGAN-GLENN KA7YPO
2500 ALDER ST #217
MILTON WA 98354
838-1653 N

REHNSTROM-JOHN WA7HQG
9621 9TH NW
SEATTLE WA 98117
783-2489 T

REмбаUGH-DON WA7KBK
20175 45TH NE
SEATTLE WA 98155
362-9189 G

REMINGTON-FRANK K7GSE
2005 185TH PL #T106
BOTHELL WA 98026
244-7345 G

RICHARDSON-CHUCK N7LMT
202 SW 119TH
BURIEN WA 98146
243-3366

ROBERTS-JERRY N7YNO
23626 128TH SE
KENT WA 98031
631-6845 T

RULIFSON-BOB KB7LM
14232 SE 23RD
BELLEVUE WA 98007
746-5192 E

RUSI-ERMANN0 N7VIQ
3129M E LK SAMM LN SE
ISSAQUAH WA 98027
392-6864 G

SAL-VACLAV AA7EJ
22523 143RD AVE SE
SNOHOMISH WA 98290
668-4948 E

SAMBONI-ALDO N7MYM
421 SMITH ST
RENTON WA 98109
283-2480 E

SCHERLER-BUD N7UPW
54375 150TH
TUKWILA WA 98188
243-0655 T

SCHNEEBECK-TIM K7QMI
14520 FREEMONT AVE N
SEATTLE WA 98133
368-3970 T

SCHUMACHER-RALPH WX7T
4032 E MERCER WAY
MERCER ISLAND WA 98040
232-8053 E

SELLMAN-ALEX N7LTH
14753 26TH NE
SEATTLE WA 98155
362-6140 T

SELLMAN-MIKE N7ORL
10533 NE 199TH #1
BOTHELL WA 98011
486-7448 A

SKAAR-LEIF LA7OO
SYRE BOX 153
4281 SKUDENESHAVN
NORWAY

SNYDER-ERIC N7DLV
4046 S 168th
SEATAC WA 98188
NOT LISTED A

STANDIFER-FLOYD KB7PLW
7516 S 120TH
SEATTLE WA 98178
772-2764

STEYAERT K7RXV
20609 SE 271ST
KENT WA 98042
432-2714 A

STITZLEIN-ELMER WA7BET
19804 5TH NE
SEATTLE WA 98155
362-2052 A

STROEHER-CHARLES WA7EBH
19415 SE 21ST ST
ISSAQUAH WA 98027
392-5303 A

STROEHER-JOYCE N7JPW
19415 SE 21ST ST
ISSAQUAH WA 98027
392-5303 T

SULLIVAN-SAM N7RHE
13626 SE 232ND
KENT WA 98042
631-0663 T

SUTTON-JIMMY WM7A
3516 SW 343RD
FEDERAL WAY WA 98023
927-7088 E

SUTTON-PATI WB7VJA
3516 SW 343RD
FEDERAL WAY WA 98023
927-7088 G

SWINEY-EARL WZ7H
10606 210 AVE CT E
SUMNER WA 98390
862-4741 E

SWINEY-JEAN KB7CLF
10606 - 210TH AVE CT E
SUMNER WA 98390
862-4741 T

TILLET-STEVE K7KOT
POB 73355
PUYALLUP WA 98373-0355
770-9520 E

TILLEY-ROBERT KB7NBQ
2427 S 96TH #94
TACOMA WA 98444
536-6935 A

VAN ALLEN-JAN N7WJB
3915 S 238TH
KENT WA 98032
824-9039 T

VAN ALLEN-KEN N7ZWD
31813 - 21ST SW #16
FEDERAL WAY WA 98023
NOT LISTED T

VAN TUYL-TED N7HKL
PO BOX 23
PACIFIC WA 98047
939-8875 T

VANCE-DICK K7NEX
3718 S 170th
SEATAC WA 98188
NOT LISTED G

VYBORNY-FRANK KF7TX
5767 S EDDY ST
SEATTLE WA 98118
723-4475 A

WALES-MONTY W7EVS
1540 MAPLE LANE #13
KENT WA 98031
854-2531 E

WARINSKY-ELLIE AA7ME
719 N 128TH
SEATTLE WA 98133
365-6196 E

WEILAND-WARD W7GEY
12230 MARINE VIEW DR SW
SEATTLE WA 98146
244-1735 E

WESTBO-LEN W7MCU
10528 SE 323RD ST
AUBURN WA 98002
833-4834 E

WHITING-HERSCHEL WS7K
9820 NE 16TH
BELLEVUE WA 98004
454-6640 E

WINCHESTER-DONNA N7ZAX
16214 SE 130TH PL
RENTON WA 98059
228-0731 T

WINCHESTER-MAYNARD
16214 SE 130 PL
RENTON WA 98059
228-0731 G

WINGERT-BRIAN N7RVD
3659 FRANCIS AVE N #404
SEATTLE WA 98103
E

WOOD-BRIAN KF7QF
8706 206TH ST SE
SNOHOMISH WA 98290
481-2361 E

WORLD RADIO
PO BOX 189490
SACRAMENTO CA 95818

YERKES-ROBERT K6PQJ
PO BOX 853
NORTH BEND WA 98045
888-3420 E

ZIMMERMAN-ROBERT KB7JIE
10519 SE 219TH
KENT WA 98031
852-4887 N

ZUMBRUNNEN-VICTOR WB7TBR
22032 8TH AVE S
DES MOINES WA 98198
824-2098 G

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WILLIAM BELK
4815 - 110TH AVE CT E APT D
PUYALLUP WA 98372
NOT LISTED

ERRIE GARMAN
109 160TH PL SW
LYNNWOOD, WA 98037
743-9055

ELEANOR LESLIE
13517 117TH AVE NE
KIRKLAND WA 98034
821-4188

DAWN HUMPHREY
232 S 107TH
SEATTLE WA 98168
243-0163

WM7A JIMMY SUTTON
3516 SW 343RD
FEDERAL WAY WA 98023
927-7088 E

KB7AFS PRAHLAD AYENGAR
2516 NE 95TH ST
SEATTLE WA 98115
524-4040 T

WA7AVC GORDON CADY
8216 38TH AVE NE
SEATTLE WA 98115
527-1387 E

WB7AYU MICHAEL CROSS
5803 SW HANFORD
SEATTLE WA 98116
935-2688 T

KL7BB BILL BALZARINI
2525 S 355TH PL
FEDERAL WAY WA 98003
7-1054 E

WA7BET ELMER STITZLEIN
19804 5TH NE
SEATTLE WA 98155
362-2052 A

W9BFP RICHARD MEREDITH
10530 SE 206TH PL
KENT WA 98031
852-1213 A

W7BQG ELLIS HAMER
1402 22ND NE #310
AUBURN WA 98002
939-4895 A

AA7BX CLIFFORD OLIN
12201 SE 18TH
BELLEVUE WA 98005
746-2489 E

N7BXY P.J. HICKS
29661 57TH PL S
AUBURN WA 98001
NOT LISTED G

KB7CLF JEAN SWINEY
10606 - 210TH AVE CT E
SUMNER WA 98390
862-4741 T

KA7CSE MICHAEL HANSOW
1412 LK YOUNGS WY SE
RENTON WA 98058
255-7137 G

N7DLV ERIC SNYDER
46 S 168th
SEATAC WA 98188
NOT LISTED A

KB7DNE DIANE DINKELMAN
637 - 2nd S
KENT WA 98032
854-4031 T

K6DOW WAYNE MODDISSON
16646 SE 134TH ST
RENTON WA 98059
271-5314 A

WA7EBH CHARLES STROEHER
19415 SE 21ST ST
ISSAQUAH WA 98027
392-5303 A

AA7EJ VACLAV SAL
22523 143RD AVE SE
SNOHOMISH WA 98290
668-4948 E

WA7EKH RAY LESLIE
13517 117TH AVE NE
KIRKLAND WA 98034
821-4188 G

WA7ELI LEW RAMBO
11605 NE 150TH PL
BOTHELL WA 98011
488-9120 T

W7EVS MONTY WALES
1540 MAPLE LANE #13
KENT WA 98031
854-2531 E

W7FKI JAMES HAMLIN
31459 40TH AVE SW
FEDERAL WAY WA 98023
838-8453 E

WA7FMT JIM MORRIS
4406 S 166TH ST
SEATTLE WA 98188
246-4270 G

KB7GEW CLAIRE MITCHELL
NOT LISTED
SEATTLE WA
NOT LISTED G

W7GEY WARD WEILAND
12230 MARINE VIEW DR SW
SEATTLE WA 98146
244-1733 E

KB7GQK ORIEN JEANS
36115 14TH SW
FEDERAL WAY WA 98023
874-5372 N

K7GSE FRANK REMINGTON
2005 185TH PL #T106
BOTHELL WA 98026
244-7345 G

WZ7H EARL SWINEY
10606 210 AVE CT E
SUMNER WA 98390
862-4741 E

N7HAM CLINTON POZZI
14639 SE 267TH
KENT WA 98042
631-0575 G

AA7HB DONALD LAHR
940 - 9TH AVE
FOX ISLAND WA 98333
549-2436 E

N1HBQ JEFFERY FASULO
12907 E GIBSON RD, D104
EVERETT WA 98204
353-7963 E

WA7HCP JIM LONG
8124 128th SE
RENTON WA 98056
NOT LISTED A

W7HIL JOHN BLACK
14312 NE 16TH PL
BELLEVUE WA 98007
746-7611 A

N7HKL TED VAN TUYL
PO BOX 23
PACIFIC WA 98047
939-8875 T

WA7HNY LLOYD HAVERMAN
16729 126TH AVE SE
RENTON WA 98058
228-2058 A

WA7HQG JOHN REHNSTROM
9621 9TH NW
SEATTLE WA 98117
783-2489 T

WA7HWX JAN HART 196802
C/O SAUDI ARAMCO PO BOX 5860
UDAHAILIYAH 31311
SAUDI ARABIA T

N7IHS JACK GRIMMETT
1525 PINE VIEW DR NW
ISSAQUAH WA 98027
392-9510 G

W1IHP HOWARD AYER
218 S 152ND #86
SEATTLE WA 98148
431-9194 E

KI7JD MARTIN GROTE
2203 LINCOLN PL SE
RENTON WA 98055
235-4535 A

W7JIE GIB GIBSON
1215 N 28TH PL
RENTON WA 98056
226-4222 E

KB7JIE ROBERT ZIMMERMAN
NOT LISTED
KENT WA 98031
852-4887 N

KB7JNN MICHAEL MILLS
31108 3RD AVE #337
BLACK DIAMOND WA 98010
886-1811

N7JPW JOYCE STROEHER
19415 SE 21ST ST
ISSAQUAH WA 98027
392-5303 T

WA1JVY MARK PEREIRA
405 S 7TH ST #3D
RENTON WA 98055
NOT LISTED

W7JWJ HARRY LEWIS
10352 SANDPOINT WAY
SEATTLE WA 98125
523-9117 E

W7JWP ARNOLD LARSON
15348 70TH AVE NE
BOTHELL WA 98011
488-7463 A

WS7K HERSSCHEL WHITING
9820 NE 16TH
BELLEVUE WA 98004
454-6640 E

WA7KBK DON REMBAUGH
20175 45TH NE
SEATTLE WA 98155
362-9189 G

KB7KBY MARK KULIEN
21904 28TH PL S
SEATTLE WA 98188
NOT LISTED T

KG7KC DARLENE PAUZA
600 SW KENTON ST #B101
SEATTLE WA 98106
767-7921 A

W7KCX DICK DIETSCH
23713 NE 72ND ST
REDMOND WA 98053
868-8386 E

K7KOT STEVE TILLET
POB 73355
PUYALLUP WA 98373-0355
770-9520 E

AA7KW ERAL COLLINS
2609 W PLYMOUTH
SEATTLE WA 98199
281-8085 E

KD4KWY CHARLES HARE
8731 S 259TH B-203
KENT WA 98031

N7KWZ NORMAN AHRENS
794 KITT NARCISSE RD
COLVILLE WA 98114
NOT LISTED G

KB7LM BOB RULIFSON
14232 SE 23RD
BELLEVUE WA 98007
746-5192 E

N7LMT CHUCK RICHARDSON
202 SW 119TH
BURIEN WA 98146
243-3366

N7LTH ALEX SELLMAN
14753 26TH NE
SEATTLE WA 98155
362-6140 T

W7MCU LEN WESTBO
10528 SE 323RD ST
AUBURN WA 98002
833-4834 E

AA7ME ELLIE WARINSKY
719 N 128TH
SEATTLE WA 98133
365-6196 E

K7MRH WARREN NIXON
6908 AVON COURT
KENT WA 98032
854-9028 A

N7MUT STEVE KANEY
5711 S 152ND PL #124
SEATTLE WA 98188
244-4282 A

KG7MX MICHAEL HANSEN
4157 WEST MERCER WAY
MERCER ISLAND WA 98040
232-1069 E

N7MYM ALDO SAMBONI
421 SMITH ST
SEATTLE WA 98109
283-2480 E

NX7N ROBERT ANDERSON
12029 SE 220 PL
KENT WA 98031
631-8330 E

KB7NBQ ROBERT TILLEY
2427 S 96TH #94
TACOMA WA 98444
536-6935 A

K7ND JIM CHRISTIANSEN
PO BOX 147
FOX ISLAND WA 98333
549-4062 E

K7NEX DICK VANCE
3718 S 170th
SEATAC WA 98188
NOT LISTED G

N7NFF THOMAS GIBSON
1901 UNION AVE NE
RENTON WA 98056
271-0190 G

N7NKA JOSHUA KELIIOKA
4249 S 173RD
SEATTLE WA 98188
248-2433 G

N7NKO DEAN HOLTAN
13915 4TH AVE SW
SEATTLE WA 98166
242-6715 G

KD7NM BOB DONNELL
18102 15TH AVE NE. #301
SEATTLE WA 98155
827-8005 A

N7NW HAL GOODELL
987 LUMMI DR
FOX ISLAND WA 98333
549-4178 E

WN7NXC LES JACOBS
14300 103RD NE
BOTHELL WA 98011
821-8839 A

KB7NYF ALAN OLSON
3426 NE SUNSET BLVD
RENTON WA 98056
255-9369

KB7NZB JOHN HILES
611 EDMONDS AVE NE
RENTON WA 98056
255-9529 T

N7NZJ ROSS HOLLY
14241 WOODENVL-DUVALL RD 301
WOODENVILLE WA 98072
487-2499 G

LA7OO LEIF SKAAR
SYRE BOX 153
4281 SKUDENESHAVN NORWAY

N7ORL MIKE SELLMAN
10533 NE 189TH #1
BOTHELL WA 98011
486-7448 A

KB7OTS WAYNE DEVINEY
17725 113th PL SE
RENTON WA 98055
235-8722 T

KG7OW LEE BERTRAND
PO BOX 34
ENUMCLAW WA 98022
897-8486 A

WA7OXN BOB McGAHUEY
14840 74TH PL NE
BOTHELL WA 98011
488-7841 A

KG7OZ PETE FARSEJE
21135 - 32ND S
SEATTLE WA 98198
824-6144 A

K7OZY SANDRA DUNKEL
2611 S 288th #52
FEDERAL WAY WA 98003
838-1256 G

KB7PAD MARION AYER
218 S 152ND #86
SEATTLE WA 98148
431-9194 G

KB7PEC ROBERT CROOKER
1012 S 262ND PL
KENT WA 98032
NOT LISTED T

Mike & Key Roster, August 1993, Call Suffix Sort, Page 2

K7PFR JOHN BECKER
15160 NE 7TH
BELLEVUE WA 98007
746-2129 G

N7PGZ MIKE HANSEN
4157 WEST MERCER WAY
MERCER ISLAND WA 98040
232-1069 G

K7PHZ JIM CARPENTER
2125 ELM SE
AUBURN WA 98002
833-9017 A

W5PKW CASEY ANGELOFF
21609 - 145th ST E
SUMNER WA 98390
897-6316 A

KB7PLW FLOYD STANDIFER
7516 S 120TH
SEATTLE WA 98178
772-2764

K6PQJ ROBERT YERKES
PO BOX 853
NORTH BEND WA 98045
888-3420 E

W7PRW CARL BUTLER
16831 40TH AVE S
SEATTLE WA 98188
242-6297 G

WA7PVE BRIAN BASKETT
5802 SWAN CREEK DRIVE
TACOMA WA 98404
472-6812 E

N7PWR NED AKERMAN
19908 MARINE VIEW DR SW
NORMANDY PARK WA 98166
878-7434 E

K7PZX KEN JACKSON
3921 55TH ST CT
GIG HARBOR WA 98335
851-2442 G

WV7Q CAROLYN PASQUIER
PO BOX 166
SUMNER WA 98390
826-4977 E

W7QCV HAP KING
451 145TH PL NE
BELLEVUE WA 98007
747-0441 A

N7QEP JEFF GOUGH
25221 108TH AVE SE #D-307
KENT WA 98031
859-2854 E

KF7QF BRIAN WOOD
8706 206TH ST SE
SNOHOMISH WA 98290
481-2361 E

W7QGP MARY LEWIS (ARRL DIR)
10352 SANDPOINT WAY NE
SEATTLE WA 98125
523-9117 A

N7QHC DAN HUMPHREY
232 S 107TH
SEATTLE WA 98168
243-0163

KA7QHJ FRANK KRIEGER
3410 S 166TH ST
SEATTLE WA 98188
243-9232 A

K7QMI TIM SCHNEEBECK
14520 FREEMONT AVE N
SEATTLE WA 98133
368-3970 T

W7QMP LEWIS NAVARRE
24105 35TH PL S
KENT WA 98032
824-2935 A

KA7QQR JOHN FISHER
12221 1ST NW
SEATTLE WA 98117
NOT LISTED T

KB7QVF RICHARD HOLLAND
650 1ST NE #72
ISSAQUAH WA 98027
391-4622 T

N7RHE SAM SULLIVAN
13626 SE 232ND
KENT WA 98042
631-0663 T

N7RVD BRIAN WINGERT
3659 FRANCIS AVE N #404
SEATTLE WA 98103
NOT LISTED E

K7RXV STEYAERT
20609 SE 271ST
KENT WA 98042
432-2714 A

N6RY TERRY CONBOY
7969 145TH AVE SE
RENTON WA 98059
228-3127 E

N7RYD BETTY FLENER
6011 OBERLIN AVE NE
SEATTLE WA 98115
524-6276 T

WB0SNK RANDAL S EVANS
22209 122 AVE SE
KENT WA 98031
630-4200 G

N7STQ BILL MACK
11047 SE 264TH ST
KENT WA 98031
852-5029 T

N7STR CHUCK BENEFIEL
PO BOX 82
FOX ISLAND WA 98333
279-1517 T

KB7SXE DOUG GARMAN
2109 160TH SW
LYNNWOOD WA 98037
743-9055 G

WX7T RALPH SCHUMACHER
4032 E MERCER WAY
MERCER ISLAND WA 98040
232-8053 E

WATTAI GENE JACOBSON
7334 126TH AVE NE
KIRKLAND WA 98033
822-3931 A

WB7TBR VICTOR ZUMBRUNNEN
22032 8TH AVE S
DES MOINES WA 98198
824-2098 G

WB7TJK NILS HALLSTROM
17047 35TH AVE S
SEATTLE WA 98188
242-8271 G

N7TNI RYAN MARTIN
PO BOX 5306
KENT WA 98064
631-5370 T

N7TNI RYAN MARTIN
PO BOX 5306
KENT WA 98064
631-5370 T

N7TQC ERIC GRONAU
19436 SE 266th
KENT WA 98042
631-8287 T

KF7TX FRANK VYBORNY
5767 S EDDY ST
SEATTLE WA 98118
723-4475 A

N7UDP CARL GLIMPSE
2601 312 ST CT SE
PUYALLUP WA 98374
845-7966 G

WA7UEW DICK LUNDSTROM
32131 19TH LANE SW #166
FEDERAL WAY WA 98023
838-9559 T

KB7UFM JO HALLSTROM
17047 - 35TH S
SEATTLE WA 98188
242-8271 T

N7UJF PETER KOZLOWSKI
23349 SE 269TH ST
MAPLE VALLEY WA 98038
432-0850 T

N7UIW DERRICK HALL
4639 SOUTH AUSTIN
SEATTLE WA 98118
725-7851 G

N7UPW BUD SCHERLER
54375 150TH
TUKWILA WA 98188
243-0655 T

N7USB LARRY LOGEN
PO BOX 3603
SEATTLE WA 98124
782-2822 T

WA7UVJ MICHAEL DINKELMAN
637 2ND AVE S
KENT WA 98032
854-4031 E

KA7VBA JOHN FULLER
406 S 164TH ST
SEATTLE WA 98148
244-4131 T

KB7VDE LEONARD BUCKNER
11817 87TH S
SEATTLE WA 98178
772-7033 T

N7VDU THOMAS PATTERSON
PO BOX 425
MAPLE VALLEY WA 98038
432-1500 E

KF7VG RICK ANTES
375 UNION AVE SE #128
RENTON WA 98059
246-7570 E

N7VIQ ERMANNIO RUSI
3129M E LK SAMM LN SE
ISSAQUAH WA 98027
392-6864 G

WB7VJA PATI SUTTON
3516 SW 343RD
FEDERAL WAY WA 98023
927-7088 G

N7VMV ESKO MANNISTO
10912 SE 6TH
BELLEVUE WA 98004
451-1869 G

N7VMW ED MARZI
13505 138TH AVE SE
RENTON WA 98059
235-0471 T

W7VMY EMERY GUNNERSON
3050 14th W #301
SEATTLE WA 98119
284-1002 G

N7VVR MAYNARD WINCHESTER
16214 SE 130 PL
RENTON WA 98059
228-0731 G

N7VWD MICHAEL McCOY
12708 - 13TH LANE SW D5
SEATTLE WA 98146
246-4549 T

N7VWF RALPH HAYDEN
1836 E HAMLIN
SEATTLE WA 98112
323-0680 T

KA7VXN JOYCE BASKETT
5802 SWAN CREEK DR
TACOMA WA 98404
472-6812 T

N7WIM KEVIN PURCELL
318 10TH AVE E #C7
SEATTLE WA 98102
726-8032 T

N7WJB JAN VAN ALLEN
3915 S 238TH
KENT WA 98032
824-9039 T

WB7WNF RALEIGH ELKINS
13506 CEDAR CT EAST
SUMNER WA 98390
897-8090 T

K7WTG PETE HEDBERG
20904 NE 77TH ST
REDMOND WA 98053
868-1535 G

N7XCX GEORGE ALDRIDGE
4421 FRANCIS AVE N
SEATTLE WA 98103
NOT LISTED G

N7YAU JEAN LUEBBERT
439 - 157TH SE
BELLEVUE WA 98008
643-6785 E

WA7YFH THOMAS KUHLEMEIER
3828 34th AVE SW
SEATTLE WA 98126
932-8846 A

WA7YGB JEREMY DONIMIRSKI
15004 SE 183RD CT
RENTON WA 98058
226-5139 A

N7YNQ JERRY ROBERTS
23626 128TH SE
KENT WA 98031
631-6845 T

N7YNU LLOYD KELLEY
2915 22ND ST
AUBURN WA 98002
NOT LISTED T

N7YOB DICK BRIDGES
9805 S 248TH A-4
KENT WA 98031
854-0201 T

N7YPB VICTOR CARTER
26623 127TH AVE SE
KENT WA 98031
631-6705 T

KA7YPQ GLENN REGAN
2500 ALDER ST #217
MILTON WA 98354
838-1653 N

K7YR KEN RAU
5430 LAKE ALICE RD SE
FALL CITY WA 98024
222-7711 E

N7ZAX DONNA WINCHEST
16214 SE 130TH PL
RENTON WA 98059
228-0731 T

W7ZLW VERN NELSON
13839 SW CARNEY LAKE ROAD
PORT ORCHARD WA 98366
876-2495 A

KB7ZS JACK BURRELL
108 130th PL NE
BELLEVUE WA 98005
454-3617 A

N7ZWD KEN VAN ALLEN
31813 - 21ST SW #16
FEDERAL WAY WA 98023
NOT LISTED T

N7ZXZ MIKE CARRIGAN
14615 SE 42ND
BELLEVUE WA 98006
562-4936 T

N7ZYA NICK CARRIGAN
16115 SE 5TH
BELLEVUE WA 98008
746-2298 T

KA7ZYN REG BUTT
700 216TH PL NE
REDMOND WA 98053
868-8328 E

Field Day Report Card Submitted by Vaclav, AA7EJ

Name: Mike & Key Amateur Radio Club
Place: Fort Flagler State Park

Attendance: 53 (counted at Friday's Potluck) + "stragglers"

Band: Grade: Contacts: (1992 contacts)

75 Phone A 303 273
Big antenna worked fine, but the "portable" loop did good job too and it's lot easier to put up.

40 Phone A+ 628 476
The patriotic red/white/blue log-periodic was definitely better than last year delta loop. The spirit of the crew reflected that too.

20 Phone A- 499 412
Murphy did not foil the stubborn crew for long, neither did the "normal" strange behavior of the band.

15 Phone A++ 867 731
The mysterious 800 contacts limit of the logging program did not stop the crew from burning the hole into the ionosphere. Little refining of operating tactics will take you over the 1000 contacts mark with lots of room to spare. Keep it up!

Natural Power A 7 46
Sun's 40 minutes cooperation was sufficient for these 2 meter contacts.

Satellite A+ 57 NA
Several real DX contacts were nice additions to the collection of ARRL sections.

Packet A+ 35 NA
The brand spanking new 14 elements Uda beauty (HF buff Yagi quit at 4 elements!) received ARRL message worth 100 points!

2 meters A+ 35 NA
The core of the crew spanned three generations of active ham operators. The Armstrong rotator with combination of FIELD fence post tower mast was flawless. A nice display of Field Day spirit.

20 CW A- 560 573
Despite efforts of CW crew, the lack of operators was apparent in the performance of this operating position.

40 CW A+ 449 186
There is no question that two phased verticals next to the big puddle of Puget Sound are better than one. Who needs DX expeditions!

15 CW B 178 244
It was hard to leave the melee on 40, some recruiting of CW operators could make this a full time operating position.

Novice A+
(Contact count not available at teachers conference time)

The enthusiastic crew DX contacts, not this grade, were the real reward for their operating efforts.

- Bonus points
- Media Publicity 100 points
 - W1AW message 100 points
 - Public Place 100 points
 - Message to SM 100 points
 - Messages 11 messages
 - Satellite 100 points
 - Natural Power 100 points
 - Packet Radio 100 points
 - Emergency Power 600 points

Teacher's Comments:
The operating skills are generally B grade, with some notable A grades. Some minor refinements of phone operating skills will make this club a serious contender for the first place in their category. The quantity of CW operators needs improvement, the limited operating time on 15 meters CW is degrading the overall rating. It is understandable that the Field Day participants concentrated their efforts on operating, but the very limited PR (flyers, visitors tours) could use some of the enthusiasm displayed while operating radio equipment. There is a definite progress in Science and Mathematics, work is needed on Social Studies, Work Habits and Personal Development. The positive attitude towards experimenting (solar power, digital modes, antennas) is commendable. Try homebrew equipment or QRP.

Overall grading is A , ready to advance to World Wide DX contest. Please note that last year contacts numbers are for comparison only, they were NOT considered for this year grade. The contacts numbers and bonus points are unofficial until validated - just like a lottery!

Have a great summer! See you next Field Day or sooner!


From the Writers Block Submitted by Michael, WA7UVJ



I did something a little bit (actually a whole lot) silly back in July. In fact, around our house, we now call it.... "Dinks" Folly. I purchased 100 Mike & Key Logos suitable for printing on T-shirts just like you find at the T-shirt shops. I got 50 each in two types - black/green and white green. The white/green are suitable for dark shirts while the black/green is for lighter color shirts. As many of you have seen, the white/green looks real good, even on black T-shirts. Why did I do this?. Well, I like wearing T-shirts but they always shrink or get ruined in a short period of time. This allows me (and you) to get new ones made up any way we want, when we want; without having to place a special order with the jackets. They cost me a hair under \$3 each so I've rounded the cost up to an even \$3 just to make it easy. The **Special T's** store at SouthCenter will press 'em on for free if you buy one of their T-shirts. Bring your own shirt and they will charge you \$3. I imagine most T-Shirt shops would extend a similar deal and you could even get them to put lettering on while they are at it. At this time I DO NOT recommend pressing them on with a steam iron yourself as I have tried it with variable success. I will have the transfers at the next several meetings.

MIKE & KEY ARC CALENDAR

August 15 - September 18, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Aug 15	Aug 16	Aug 17	Aug 18 7:30pm Club Net on 146.82 Repeater	Aug 19 7:00pm Public Service Net 7:30pm PARS Meeting	Aug 20	Aug 21 Auburn Parade - WA7EBH 7:30am Club Breakfast 10:00am Club Meeting 1:00pm VE Exams
Aug 22 11:00am Club Picnic - Lake Meridian	Aug 23	Aug 24	Aug 25 7:30pm Club Net on 146.82 Repeater	Aug 26 7:00pm Public Service Net	Aug 27	Aug 28
Aug 29	Aug 30	Aug 31	Sept 1 7:30pm Club Net on 146.82 Repeater 7:30pm Issaquah ARC Meeting	Sept 2 VE Exams (KF7QF) 7:00pm Public Service Net 7:30pm Flea Market Meeting	Sept 3	Sept 4 9:00am Boeing AR Meeting 1:00pm VE Exams - Kent (KF7VG)
Sept 5	Sept 6  Labor Day	Sept 7 7:30pm Club Board Meeting	Sept 8 7:30pm Club Net on 146.82 Repeater	Sept 9 7:00pm Public Service Net	Sept 10	Sept 11 8:00am SeaTac Repeater Group 10:00am VE Exams - Riverside Inn 1:00pm NAPRA Meeting
Sept 12	Sept 13	Sept 14 7:30pm WWDXC Meeting	Sept 15 7:30pm Club Net on 146.82 Repeater	Sept 16 Rosh Hashanah 7:00pm Public Service Net 7:30pm PARS Meeting	Sept 17	Sept 18 7:30am Club Breakfast 10:00am Club Meeting 1:00pm VE Exams