



# K7LED RELAY



The K7LED RELAY is the official tabloid of the Mike and Key Amateur Radio Club. The mailing address is: P.O. Box 2121, Kirkland, WA. 98033. The Mike and Key Amateur Radio club is dedicated to the betterment of Amateur Radio. We meet the Third Saturday of every month at the Good Neighbors Center, 305 So 43rd, Renton - across from Valley Medical Center. The Club operates repeaters on 52.05-53.05, 146.22-146.82, 222.52-224.12 under the call of K7LED. The following nets meet on 146.82: Club Net Wednesdays at 7:30 PM, Public Service on Thursdays at 7:00 PM. Everyone is invited to participate.

VOLUME 18

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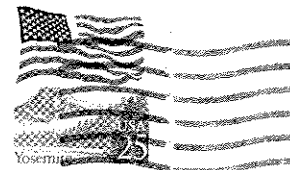
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FIRST CLASS MAIL

## BOARD MEETING

On First Tuesday at 7:30 PM  
Onmi Restaurant on So. 188th ST.

## BREAKFAST

7:30 AM AT THE RIVERSIDE INN  
14060 Interurban So., Tukwila

## CLUB MEETING

Saturday Dec. 15th at 10:00 AM  
Good Neighbors Center  
305 So. 43rd, Renton  
Doors open at 9:30 for donuts  
TALK-IN ON 146.82 RPTR

K7WTG  
HEDBERG, PETE  
20904 NE 77th ST  
REDMOND, WA. 98053

## RELAY DEADLINE

THE BOARD MEETING!

# HAPPY HOLIDAYS TO ALL

# CHECK MAILING LABEL FOR DUES EXPIRATION DATE!

## COMMITTEES

It was brought up at the last Board meeting that we should list all the standing M&K committees and their principal contacts. It's a good idea, thanks Vic!

If you need information or wanna volunteer, these are the people who MAY know what's going on. Please see me to add, delete, or correct this any of this information. -uvj

\* Repeater  
K7YR, WA7EBH, KB7ZS

\* Public Service  
WA7EBH, K6DOW

\* Relay (Newsletter)  
N7JPW

\* VE Exams  
K7ND, WA7UVJ, W7QGP

\* Hams Classes  
K7ND, WA7UVJ, WB7TBR

\* Interference  
KB7GEW

\* Banquet Chairman  
none (one needed)

\* Awards (last three Pop Brown)  
WA7UVJ, WB7TBR, N7JPW

\* Field Day  
KB7ZS, KA7QHG

\* Election Nomination  
none (three needed)

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## SILENT KEY

With regret we report the passing of one of our active club members.

Tom Phelan, KA7SEH, passed away on November 14 from complications following heart by-pass surgery.

Tom was very active on Packet Radio, as well as, Public Service and could usually be found at most local parades, especially the Seafair parade. Tom joined the club in 1984 and was very active in Field Day, operating the Novice Station.

Tom is survived by his parents and a sister.

There will be a Memorial Service on December 22 at 1 P.M. at the Good Savior Lutheran Church on S. 188th St and 42nd Ave. S., near SeaTac Airport.

Tom will be deeply missed by all who knew him.  
KA7QHG

## PRESIDENTS CORNER

You would think holiday season would be a slow period for activity within the Mike & Key. Well, 'taint so.

We are proceeding full speed ahead on Flea Market preparations. The committee last met on Nov. 27th and put finishing touches on the flyer. (Oh, just in case anybody asks, it's March 9th.)

Julian, KA7MCB and Mary, W7QGP are working hard drumming up support to fight an antenna ordinance in Seattle. In addition, the club voted \$500 in legal support to the effort. At last mention, there will be a public hearing Dec. 19th at 9 AM in room 1320 of the Alaska Bldg. (2nd and Cherry in Seattle).

A number of members are getting involved in the Special Peoples Christmas Cruise and the repeater is going to be used in a support role.

Finally, Jim K7ND, is wrapping up Novice classes at Highline Community College.

The Mike and Key is one of the most active radio clubs in the Northwest and many of it's members lead the way in local amateur community. Of course, there is always room for more help and in the coming New Year, maybe you'll wanna run with the pack? It's a lotta fun.

In addition, on behalf of the Officers and the Board of Trustees, I would like to wish each of you a very Merry Christmas and a Happy New Year.

Club Meeting on January 18th at 10 AM. Come and meet old and new faces and friends .

## ALUMINUM CANS

I want to thank all of you who brought recyclable aluminum for me last month. When I got to the recyclers, I had over a hundred pounds! The money goes towards a fund to finance a trip by Soviets to Washington State next year.

Of course, please keep saving your aluminum for me. Just bring it to the club meeting and I'll be happy to take it off your hands. Every little bit helps. -uvj

## NOVICE CLASS

This was a poor year for the Mike & Key Novice class at Highline Community College.

Should have known from the first night it was gonna be one of THOSE classes. I spent 20 minutes searching the campus for the classroom (which they moved) in the pouring rain with a TS 820 in one arm and a heavy briefcase in the other. My proclamation to the students when I arrived was "I quit!!". Then, my work schedule dictated I be out of town most Thursday's following that auspicious start.

Fortunately, Jim K7ND was his normal mellow self, didn't even notice my absence, and kept the whole thing going smoothly. We did end up with a high attrition rate and if 3 of the original 10 starters pass on to Novice, we will be lucky.

Next month we start again, so if you know anyone wishing to join a Novice class for the winter quarter, have them call the Adult Continuing Education Department at HCC in Des Moines.

## WELCOME ABOARD

Please add these new members to your current roster: Bob Abernathy, WA7OEU, 1609 Shelton Ave., Renton, WA. 98056; Earl Collins, KF7WR, 2609 W. Plymouth, Seattle, WA. 98199.

## NOVEMBER VISITORS

Donald G. Lahr, KB7JIF; Al Johnson, AA7CS; Hank Doty, KB7KHA; Bonnie Foley; John Fisher, KA7QQR; Jim Long, WA7HCP; Deverie Wood; Angela S. Korn, KC7EQ. We hope to see you, again.

**HAVE A HAPPY AND SAFE HOLIDAY SEASON. WE WANT TO SEE EVERYONE AT THE JANUARY MEETING.**

## CQWW 1990 (CW STYLE)

If you do ANY contesting, then you know that the CQWW is one of the biggest.

This year, I decided to use the club call. (anyone in the club can!) I used to think there was little advantage to having "Primo" call but it sure made a difference during this contest.

How can I tell? Well, whenever I ran across a new country I needed, as WA7UVJ, I would work it first with K7LED, then my call. Half the time, WA7UVJ was ignored! Same frequency, power, operating skills, everything! Arrrrggghhh! Oh well, it was fun anyway. To bad that special call allocation system never went through (hihi).

Oh, the results. Didn't think you cared:

class :single operator  
power :125 watts  
on time:30 hours  
82 zones and 136 countries  
773 contacts for 463,904 points

Also, have pity on Jim, K7ND who does our QSL's. I worked mega JA's, many on 5 bands. The QSL bureau is going to wipe out the K7LED QSL stock. -uvj

## NET CONTROL OPERATORS NEEDED

Help!! We need net control operators badly. Anyone interested, please call Tom Kuhlmeier, WA7YFH, at 932-8846.

## SILENT KEY

One of the most difficult things about having friends is that, someday, you're gonna lose them. Last month we lost Tom Phelan, KA7SEH.

After struggling for years with a heart condition, Tom decided to undergo corrective surgery, from which he did not recover.

Tom was an active member of this club and the local amateur community. He performed many hours of public service, participated in most Mike and Key meetings and social functions, plus he was a perennial sponsor of the Novice station at Field Day. His loss presents a vacuum that will be hard to fill in the upcoming years.

The Mike & Key will miss Tom.

## DOWN THE VOLGA AND HOME

We left Kazan with much fanfare and more than a few tears. Traveling down the Volga by hydrofoil, it took us four hours to reach our next stop, Ulianosk, birthplace of Lenin. Ulianosk is a town devoted to tourism, Soviet style and it was our shortest stop of our tour. During our two days there we visited the local University and spent some time relaxing in the countryside. After only two days, we were ready to leave for our next stop, Kuibyshev.

Another 8 hours down the river by hydrofoil, Kuibyshev was not on our visa, in fact, we were told that Americans had never before been allowed to visit this city. Somehow those technicalities never concerned our hosts. We were met by a large group of the locals and the party never stopped till we left four days later. In those four days we partied on the beach, in a restaurant with an ongoing wedding reception, and twice at a "special" sauna. In amongst all this, there were all the private celebrations we attended at our hosts homes. Somehow, despite best intentions, radio operating was put on the back burner and we had lost control of our schedule. Only by great insistence, did we get a minimum of amateur radio back into the agenda. Oh, the reason Kuibyshev was off limits was due to this great big jamming tower in the middle of town. No VOA broadcasts for these guys until it recently went silent.

Our final stop of the tour was Saratov, another 9 hours down the river by hydrofoil. The situation was much the same as in Kuibyshev except with one major difference, the local KGB took exception to our arriving in a town not allowed by our visa's. All the sudden, trouble was exploding all over the place for our hosts and we had to get out of Saratov quick. Unfortunately, there were no trains for the next 10 hours and we were kept hidden (they didn't say it that way but that's what it was) until a final dinner scheduled before departure. Needless to say, the dinner was not a happy affair and then the telephone rang. A reprieve!! Someone in the church (huh!) had some pull. We were granted permission to stay for two days. We could even visit the local aircraft factory. Everybody was off the hook and the parties began again. I'll never understand how it all happened and I don't think I want to know. We left on schedule in the overnight train to Moscow.

Back in Moscow, we spent our final evening packing. Three weeks of gifts, trinkets, and memories to be packed into two (seemingly) small suitcases. Boris, my host in Kazan, was there to ensure our safe departure and stayed with us until we entered passport control. Physically and emotionally the trip was very draining. I don't think I could recommend such a trip except for one thing, all those wonderful people we met. They were MY kind of people, like you and me, and I'll never forget any of them.

## SHIRTS and JACKETS

I've been receiving a few inquiries about Mike & Key T-shirts and jackets so I passed out a sign-up sheet and got a price list.

Here's the scoop.....

T-shirts (50% polyester / 50% cotton) will cost \$10 with a minimum order of 10. These shirts have the M&K logo just like the members jackets, except it's on the front. They will come in white.

Jackets (lined windbreaker) will set you back \$35. I had enough people sign-up for T-shirts but came up short on those wanting jackets (only 6). I can continue passing around the list until we get the required number.

Those wanting shirts please bring your money to the next meeting. (I am not gonna bankroll this thing myself.) If I get 10 paid up, I'll place the order that day.  
-uvj

## VOLUNTEER CALL-UP

We need some volunteers, somebody loyal, brave, and reverent. (it's ok, you don't have to prove it)

The Mike & Key Awards Banquet is to be held April 6 1991. A chairperson is required to organize this event. This includes selecting a site, the dinner choices, and possible entertainment. They will promote, publicize, and sell tickets. When it's over, they will have our unending gratitude (seriously). To help this person, if they need help, we even have a printed guideline.

Sooner yet, the Mike & Key will be holding elections in March. A nominating committee, made up of several members would be helpful. You would be responsible for finding qualified nominee's willing to run for office. If you would like to volunteer to help fill these needs, please see any Board member. uvj

The next program by K7PF is titled: "Big Brother Is Watching, Or Finger Printing For Boys And Girls...." It will be a slightly longer program than usual but I don't think you will be disappointed. .KA7CSE

### **FOR SALE OR TRADE**

Hygain Beam Antenna\*EXPLORER 14" with  
IB. Need 2-meter gear. Point of delivery is top of  
40' tower. Warren, K7MRH, 854-9028

**MINUTES  
GENERAL MEMBERSHIP  
NOVEMBER, 1990**

**20TH ANNIVERSARY**

Meeting was called to order at 10:00 A.M. by Mike, WA7UVJ, President, with 63 members in attendance and 7 visitors. Introductions followed.

Ralph, WX7T, Vice President - presented two new applicants for membership: Earl Collins, KF6WR, and Bob Abernathy, WA7OEU. Both were unanimously voted in.

Julian, KA7MCB, Activities Manager - Packet station for Mike and Key being set-up. Raffle: \$25.00 - WA7ABC, \$15.00 - W9BFP. \$10.00 - KA7MCB.

Mike, WA7UVJ, Treasurer's Report - Checking \$1,000.00. \$1,000.00 deposit made on Flea Market Building.

Mike, KA7CSE, COB - Christmas Party - December 1, listen on repeater for information. Flea Market meeting at Mike's, KA7CSE, house on November 27. Contact UVJ or CSE for directions.

Committee reports: WA7EBH - Articles for RELAY. keep 'em coming.

K6DOW - December 1 Christmas Parade in Downtown Seattle, contact Chuck, WA7EBH, for more information.

December 2 is Special Peoples cruise. Contact Nancy McKibbin at 483-6999, if you want to participate. Ken, K7YR, mentioned the 146.82 repeater will be used as the bus coordinating repeater.

Santa Talks - contact Tim, K7QMI, on 146.96 repeater, if interested in participating.

November 29, Kent Parade - contact Ted N7HKL.

Mike - WA7UVJ - President: Thanked Jim, K7ND, for publishing minutes of the first Mike and Key meeting.

Tom Phelan, KA7SEH, became Silent Key on November 14, 1990. Memorial services will be held on December 22. A moment of silence was held on his behalf.

List being passed around for jackets and shirts, sign up if interested.

Badges: See Ralph.

Collecting Aluminum cans.

Ray - WA7EKH - Needs volunteers for the Flea Market. Contact Ray if interested.

Ken - K7YR - Radio Officer: Jim Carpenter to get old system up and running; reminded that business is not allowed on repeater.

Mary - W7QGP - Told us of Antenna Appeal on December 19 at 9:00 A.M. in the Alaska Building. Examiner Phone Number 684-0521 for John Pollack, KA7MCX. Questions you may phone John at 365-9192. To send donations or obtain information, send a #10 SASE c/o John, KA7MCX, P.O. Box 25589, Seattle, WA 98125.

Mike, KA7CSE, then presented to membership a recommendation from the Executive Board. Julian, KA7MCB, restated the motion: A motion was made to donate \$500.00 to offset legal expenses after hearing 90-005, payable as needed after appeal has taken place. Motion carried.

Meeting adjourned at 11:45 A.M.

Respectfully submitted,  
Darlene Pauza, KG7KC  
Secretary

**BOARD MEETING  
DECEMBER 4, 1990**

PRESENT: Mike, WA7UVJ; Mike, KA7CSE; Frank, KA7QHG; Ralph, WX7T; Claire, KB7GEW; Darlene, KG7KC; Julian, KA7MCB; Ted, N0YC; and 5 visitors.

Meeting called to order by Mike, KA7CSE at 7:30 P.M. Next Board meeting January 8 at the Omni Restaurant. (Note: The first Tuesday is New Year's Day.)

Ralph - WX7T - presented 5 applicants for membership: Hank Doty, KB7KHA; Si Aglar, NL7EX; Jim Long, WA7HCP; Angela Korn, KC7EQ; Donald Lahr, KB7JIF. All were unanimously approved by the board to be presented at the next general membership meeting.

A discussion of the use of the repeater followed. If problems arise, contact Chuck, WA7EBH, Ken, K7YR; Jack, KB7ZS; or Hal, N7NW. For malicious interference, call Gib, W7JIE.

Claire, KB7GEW, Treasurer: Expenses of \$75.48 trlr generator repair; \$50.00 RELAY postage; \$1,000.00 Flea market payment.

Income of \$132.00 dues; \$115.00 net on raffle in November (\$169.49 ahead on Raffle); Checking bal \$1,627.62. CD and Checking \$6,773.96. Please pay dues on time or ahead for cash flow purposes.

Darlene, KG7KC - Thank-you card from Tom's family.  
Tom, WA7YFH, looking for help to run Wed. Night nets.

Julian, KA7MCB - Petitions for Antenna Appeal need to be turned into John, KA7MCX. There will be a raffle for a radio at next club meeting. Packet network ready to go. In need of PK66/232 or something similar.

Ted, N0YC - Has Apple 2 computer. Would like to give to someone. Contact Ted for further info.

Mike, WA7UVJ - Banquet date April 6. Banquet chairperson needed. Need nominating committee. Ted, N0YC, will chair. Cost of T-shirts \$10.00; Jackets \$35.00.

WA7UVJ moved to donate \$25.00 to Angle Lake Medic One, N0YC seconded, Motion carried. This is in memory of Tom Phelan, KA7SEH.

KA7QHG moved to donate \$200.00 of budgeted Christmas party money to The Griffin Home for Boys. WA7UVJ seconded, motion carried.

Meeting adjourned at 8:30 P.M.

Respectfully submitted,  
Darlene Pauza, KG7KC, Secretary

## THE ARRL LETTER

Volume 9, No. 23  
November 16, 1990

### PANEL ACTS ON DXCC LIST

The ARRL Awards Committee has accepted the following recommendations of the DX Advisory Committee on the DXCC status of Germany and Yemen. In the case of the former, the German Democratic Republic is deleted from the DXCC list as of Oct. 3, 1990 (when the GDR was absorbed into the Federal Republic of Germany). Contacts with GDR stations (Y2-Y9) after Oct. 3, and contacts with FRG stations (DA-DL) after Sept. 17, 1973, will be credited as FRG.

As for Yemen, the DXCC recommended deletion of both the former People's Democratic Republic of Yemen (7O) and the former Yemen Arab Republic (4W) as of May 22, 1990. In their place, a new country, Yemen (7O) is added to the list.

Do not submit Yemen QSLs for DXCC credit after March 1, 1990.

### BRIEFS

On Nov. 1 the FCC released a Notice of Proposed Rule Making in Docket 90-481, dealing with private land mobile radio stations. While not directly affecting Amateurs, the docket, which proposes to cancel unused land mobile licenses and channel assignments, could in the long term ease pressures to reallocate

spectrum from other services to the land mobile spectrum. The proposed rule would in some cases, grant "finders preference" to prospective land mobile licensees who assist the Commission in locating unused channels.

## LATE BREAKING NEWS ITEMS!!!!!!

### RAFFLE

This is just a quick reminder to let you know that our December's meeting has arrived.

We have a great item to raffle this month, A Radio, YES! A RADIO.

An IC-2SAT that will go home with some lucky person at this December's meeting. What a nice Christmas gift to yourself.

Raffle tickets at our General membership meetings will be sold for \$1.00 dollar each. So lets make this a great success. Also in addition, we will have the regular \$25.00, \$15.00, \$10.00 gift certificates.

Tickets purchased at our meetings are eligible for December's Raffle. "You can be a lucky winner". Please plan to attend our December's General Membership Meeting, this is our last meeting of the year.

Good luck and Merry Christmas!  
KA7MCE SEE YOU THERE

### FLEA MARKET TIME AGAIN

Time is growing near, plenty of help is needed for the Pullaup Flea market. Sign-up soon, and lend a helping hand. Assist us in making the biggest and best flea market yet. Your support will allow the Mike And Key Amateur Radio Club to continue sponsoring the best Flea market in the Northwest. KA7MCE

### CLUB GOALS

I have been asked several times by non members, and some of the Mike and Key Amateur Radio Club members, what are the goals and purpose of our club.

#### PURPOSE AND GOALS:

The purpose and goals of our club shall be to bring together those who are interested in Amateur Radio. We the members of this Club, shall attempt to accomplish the following:

- A: Exchange technical information.
- B: Expand cooperation between members and interested nonmembers.
- C: Promote general radio and electronic knowledge.
- D: Expand amateur radio operating abilities and efficiency of individuals.
- E: Promote amateur radio to the general public and community.
- F: Direct the Club's general activities towards Public Service Amateur Radio Communications.

These things are written in our Club's CONSTITUTION let us all work together and carry out these goals.

We should all strive hard in 1991 to communicate and work closely together to strengthen our club in a unified way. in a club, there should be fun and laughter as we grow together.

REMEMBER: WALK HAND in HAND an TALK, not hand for hand then talk.  
KA7MCE

### MEETINGS

Have you forgotten that we have moved back to the Good Neighbor Center. Come and join the rest of the Club members, and end this year with a big turn-out.

You are sure to have a great time. This months lecture is on Repeater Footprinting. Come and meet old and new friends, have coffee and eat donuts.

Ho Ho Ho  
KA7MCE

1990

# December 9 - January 19

1991

## MIKE AND KEY ARC- SEATTLE

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Dec 9	Dec 10	Dec 11	Dec 12 7:30pm MIKE AND KEY NET ON 146.82 RPTR. Hanukah	Dec 13 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR.	Dec 14	Dec 15 7:30am Breakfast at Riverside 10:00am CLUB MEETING AT UGN IN RENTON 1:00pm VE EXAMS at Good Neighbors Center
Dec 16	Dec 17	Dec 18	Dec 19 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Dec 20 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR.	Dec 21	Dec 22 Winter begins
Dec 23	Dec 24	Dec 25 HAVE A MERRY CHRISTMAS	Dec 26 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Dec 27 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR.	Dec 28	Dec 29
Dec 30	Dec 31	Jan 1 HAVE A HAPPY NEW YEAR	Jan 2 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Jan 3 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR. 7:30pm ISSAQUAH RADIO CLUB MEETING	Jan 4	Jan 5 8:00am CAMANO ISLAND HAM BREAKFAST
Jan 6	Jan 7	Jan 8 7:30pm Board Meeting OMNI RESTRAUNT **RELAY DEADLINE FOR NEXT ISSUE**	Jan 9 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Jan 10 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR.	Jan 11	Jan 12
Jan 13	Jan 14	Jan 15	Jan 16 7:30pm MIKE AND KEY NET ON 146.82 RPTR.	Jan 17 7:00pm PUBLIC SERVICE NET ON 146.82 RPTR. 7:30pm PARS MEETING Puget Power Bldg. Bellevue	Jan 18	Jan 19 7:30am Breakfast at Riverside 10:00am CLUB MEETING AT UGN IN RENTON 1:00pm VE EXAMS at Good Neighbors Center

Contact Editor for additions

12/4/1990



MIKE AND KEY AMATEUR RADIO CLUB

CALL	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	JOINE
	BROWN, ETHEL	1010 SW 134th RM 58 ELEDRA WEST	SEATTLE,	WA.	98146		60/01
WM7A	SUTTON, JIMMY B	3516 SW 343rd	FEDERAL WAY,	WA.	98023	927-7088	75/07
KB7AFS	AYENGAR, PRAHLAD K.N	2516 NE 95th ST	SEATTLE,	WA.	98115	524-4040	87/10
KL7AKC	JONES, WILLIAM	8324 RENTON-ISSAQUAH RD. SE.	ISSAQUAH,	WA.	98027	392-6168	89/03
N7AMX	De JONG, KARL	20903 NE 77th ST	REDMOND,	WA.	98053	868-0457	78/06
KA7AND	DRESSEL, E. W.	9202 DAYTON AVE N	SEATTLE,	WA.	98103	784-9130	89/02
WA7AVC	CADY, GORDON	8216 38th AVE NE	SEATTLE,	WA.	98115	527-1387	80/11
N7AVO	De JONG, DEBRA	20903 NE 77th ST	REDMOND,	WA.	98053	868-0457	79/01
WB7AYU	CROSS, MICHAEL W	5803 SW HANFORD	SEATTLE,	WA.	98116	935-2688	75/08
KL7BB	BALZARINI, BILL	4613 S. 290th PL	AUBURN,	WA.	98001	839-0857	88/02
WA7BET	STITZLEIN, ELMER	19804 5th NE	SEATTLE,	WA.	98155	362-2052	89/03
W9BFP	MEREDITH, RICHARD	10530 SE 206th PL	KENT,	WA.	98031	852-1213	88/02
W7BQG	HAMER, ELLIS K	1402 22nd NE #310	AUBURN,	WA.	98002	939-4895	86/09
WA7BUY	SAMPONT, GERALD M	11211 NE 100th	KIRKLAND,	WA.	98033	827-4480	87/05
KB7BVL	PASQUIRE, ADRIAN	12919 NE 76th	KIRKLAND,	WA.	98033	867-0209	88/04
AA7BX	OLIN, CLIFFORD	2120 123rd AVE. SE.	BELLEVUE,	WA.	98005	746-2489	90/03
WA7C	WILBRECHT, DON	5211 26th AVE SE	LACEY,	WA.	98503		87/05
WQ7C	WEBER, GARY	7625 NE 141st	BOTHELL,	WA.	98011	820-2833	90/04
WB7CGO	SAL, VACLAV	22523 143rd AVE. SE	SNOHOMISH,	WA.	98290	668-4948	90/04
K7CHV	GRAFF, CHUCK	16307 TIGER MTN RD SE	ISSAQUAH,	WA.	98027	392-5846	89/04
KB7CLF	SWINFY, JEAN P	7206 S 116th ST	SEATTLE,	WA.	98178	772-6301	88/09
KA7CSE	HANSOW, MICHAEL	1412 LK YOUNGS WY SE	RENTON,	WA.	98058	255-7137	87/06
WB7CXA	JOHNSTON, NORMAN	P.O. BOX 276	RAVENSDALE,	WA.	98051	432-3994	90/05
N7DLV	SNYDER, ERIC	16377 130th AVE SE	RENTON,	WA.	98058	271-1590	89/05
K6DOW	MODDISON, H WAYNE	16646 SE 134th ST	RENTON,	WA.	98059	271-5314	85/02
WB7DVX	HOLT, LINDA	PO BOX 1209	CHELAN,	WA.	98816	(509) 682-4529	75/12
WA7EBH	STROENER, CHARLES A	19415 SE 21st ST.	ISSAQUAH,	WA.	98027	392-5303	70/10
WA7EJY	BRUSH, ARCHIE	22516 30th AVE S	DES MOINES,	WA.	98198	878-2833	71/01
WA7EKH	LESLIE, RAY E	13517 117th AVE NE	KIRKLAND,	WA.	98034	821-4188	71/12
WA7ELI	RAMBO, LEW	11605 NE 150th PL	BOTHELL,	WA.	98011	488-9120	71/01
N7ELW	BOONE, JOHN M. SR	1917 GIBSON RD	EVERETT,	WA.	98204	771-4369	88/06
W7EVS	WALES, MONTY	1540 MAPLE LANE #13	KENT,	WA.	98031	854-2531	87/03
KS7F	SMITH, WAYNE	11074 SE 181st ST	RENTON,	WA.	98055	226-8576	87/09
W7FKI	HAMLIN, JAMES	31459 40th Ave SW	FEDERAL WAY,	WA.	98023	838-8453	89/11
WA7FMT	MORRIS, JIM	4406 S 166th ST	SEATTLE,	WA.	98188	246-4270	87/07
NR7G	MARTEK, GARY	4128 SW 327th PL.	FEDERAL WAY,	WA.	98023	838-9868	90/01
AD7G	ROLEY, STEVE	3034 61st SE	MERCER ISLAND,	WA.	98040	232-4989	90/10
KB7GEW	LASKEY, CLAIRE	3616 SW ANDOVER	SEATTLE,	WA.	98126	935-5547	89/01
W7GEY	WEILAND, WARD	12230 MARINE VIEW DR SW	SEATTLE,	WA.	98146	244-1733	89/01
KB7GQK	JEANS, ORIEN	36115 14th AVE. SW	FEDERAL WAY,	WA.	98023	874-5372	90/09
WZ7H	SWINEY, EARL	7206 S 116th ST	SEATTLE,	WA.	98178	772-6301	88/04
WQ7H	WRAALSTAD, JAMES	7617 140th ST CT E	PUYALLUP,	WA.	98373	531-6489	87/12
N7HAM	POZZI, CLINTON	14639 SE 267th	KENT,	WA.	98042	631-0575	89/03
W7HIL	BLACK, JOHN	14312 NE 16th PL.	BELLEVUE,	WA.	98007	746-7611	90/01
N7HKL	VAN TUYL, TED C	P.O. BOX 23	PACIFIC,	WA.	98047	939-8875	86/09
WA7HNY	HAVERMAN, LLOYD	16729 126th AVE SE	RENTON,	WA.	98058	228-2058	89/03
WA7HQG	REHNSTROM, JOHN	9621 9th NW	SEATTLE,	WA.	98117	783-2489	71/01
WA7HWX	HEDBERG, JAN	17720 NORTH PARK PL	SEATTLE,	WA.	98133	542-8975	85/04
N7IHS	GRIMMETT, JACK	1525 PINE VIEW DR NW	ISSAQUAH,	WA.	98027	392-9510	88/11

MIKE AND KEY AMATEUR RADIO CLUB

CALL	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	JOINED
N7IVM	BENNETT, (BEN) W.E.	625 109th AVE SE	BELLEVUE,	WA.	98004	451-9096	86/01
N7IVR	WINKLER, DAN	22144 E HIGHLAND DR	SEATTLE,	WA.	98112	423-6689	88/11
W7JIE	GIBSON, M.L.	1215 N 28th PL	RENTON,	WA.	98056	226-4222	75/04
N7JNF	HARSTON, GLEN B.	26860 SE 411th ST	ENUMCLAW,	WA.	98022	825-1870	87/04
N7JPW	STROEHER, JOYCE	19415 SE 21st ST.	ISSAQUAH,	WA.	98027	392-5303	87/01
W2JTP	KRETZMAN, BYRON	5220 217th ST SE	WOODINVILLE,	WA.	98072	487-0287	88/12
W7JWJ	LEWIS, HARRY	10352 SANDPOINT WAY NE	SEATTLE,	WA.	98125	523-9117	74/02
W7JWP	LARSON, ARNOLD	15348 70th AVE NE	BOTHELL,	WA.	98011	488-7463	84/05
WB9JZL	GARDNER, DONALD	P.O. BOX 69637	SEATTLE,	WA.	98188	241-5973	88/05
WS7K	WHITING, HERSSCHEL L	9820 NE 16th	BELLEVUE,	WA.	98004	454-6640	87/06
WA7KBK	REMBROUGH, DON	20175 45th NE	SEATTLE,	WA.	98155	362-9189	74/08
KB7KBY	KULIEN, MARK	21904 28th PL. S.	SEATTLE,	WA.	98188		90/05
KG7KC	PAUZA, DARLENE F	15325 6th SW Apt. 21	SEATTLE,	WA.	98166	433-2078	88/07
W7KCC	DIETSCH, DICK	23713 NE 72nd ST	REDMOND,	WA.	98053	868-8386	76/10
K7KOT	TILLET, STEVE	1642 BROWNS PT. BLVD.	TACOMA,	WA.	98422	927-5456	70/10
N7KWZ	AHRENS, NORMAN R.	794 KITT NARCISSE RD.	COLVILLE,	WA.	98114		87/12
N7LCO	GRAFF, LORI	16307 TIGER MTN RD SE	ISSAQUAH,	WA.	98027	392-5846	89/04
KB7LM	RULIFSON, BOB	14232 SE 23rd	BELLEVUE,	WA.	98007	746-5192	77/12
N7LMT	RICHARDSON, CHUCK	9600 34th AVE SW	SEATTLE,	WA.	98126	938-2294	89/02
N7LTH	SELLMAN, ALEX	14753 26th NE	SEATTLE,	WA.	98155	362-6140	90/05
N7LWY	JOSLIN, WAYNE L	1717 150th SE #16	BELLEVUE,	WA.	98007	562-1171	88/11
N7MBC	RICHTER, DON	21648 105TH PL SE	KENT,	WA.	98031	852-0498	04
KA7MCB	WILLIAMS, JULIAN	7839 S 114th ST	SEATTLE,	WA.	98178	772-5729	89/03
KA7MCH	CASTOR, CURTIS	7527 LAKE CITY WAY NE	SEATTLE,	WA.	98115	524-1901	88/11
W7MCU	WESTBO, LEN	10528 SE 323rd ST	AUBURN,	WA.	98002	833-4834	84/11
N7MDW	SMITH, KEN	15402 SE 132nd ST	RENTON,	WA.	98056	226-4899	89/01
N7MEJ	POST, JOHN	4318 110th AVE EAST	PUYALLUP,	WA.	98372	841-0087	89/12
N7MFB	TODD, WILLIAM	3719 59th AVE SW	SEATTLE,	WA.	98116	932-3710	90/04
K7MRH	NIXON, WARREN	26908 AVON COURT	KENT,	WA.	98032	854-9028	84/02
N7MXY	BUELL, ROY M	23923 57th CT S #E104	KENT,	WA.	98032	850-3056	87/12
N7MYM	SAMBONI, ALDO	421 SMITH ST	SEATTLE,	WA.	98109	283-2480	89/07
NX7N	ANDERSON, ROBERT J	12029 SE 220 PL	KENT,	WA.	98031	631-8330	86/11
K7ND	CHRISTIANSEN, JIM M.	P.O. BOX 147	FOX ISLAND,	WA.	98333	549-4062	70/10
K7NEX	VANCE, DICK	3718 SO 170th	SEATTLE,	WA.	98188		89/07
N7NFF	GIBSON, THOMAS	1901 UNION AVE NE	RENTON,	WA.	98056	271-0190	89/06
N7NKA	KELIIOA, JOSHUA	4249 S 173rd	SEATTLE,	WA.	98188	248-2433	89/07
N7NKO	HOLTAN, DEAN	13915 4th Ave. SW	SEATTLE,	WA.	98166	277-9012	90/02
N7NKQ	BERTRAND, LEE	P.O. BOX 34	ENUMCLAW,	WA.	98022	897-8486	90/01
KD7NM	DONNELL, BOB	P.O. BOX 45645	SEATTLE,	WA.	98145	827-8005	80/02
N7NW	GOODELL, HAL R	P.O. BOX 147	FOX ISLAND,	WA.	98333	549-4178	74/02
WN7NXC	JACOBS, LES	14300 103rd NE	BOTHELL,	WA.	98011	821-8839	74/11
N7NYX	LARSON, RICHARD SR.	8208 40th NE	SEATTLE,	WA.	98115		90/10
N7NZJ	HOLLY, ROSS	14241 WOODENVILE-DUVALL RD. -301	WOODENVILLE,	WA.	98072	781-0559	90/03
WB60IP	DIXON, NATE	9890 162nd AVE NE	REDMOND,	WA.	98052	885-6611	89/06
N7ORL	SELLMAN, MIKE	10533 NE 189th #-1	BOTHELL,	WA.	98011	486-7448	90/09
KA7OVQ	RICHARDS, MARK J.	2411 S 116th WAY	SEATTLE,	WA.	98168	248-1581	08
WA7OXN	McGAHUEY, BOB	14840 74th PL NE	BOTHELL,	WA.	98011	488-7841	05
K7PFR	BECKER, JOHN	8501 WILLOWS RD #293	REDMOND,	WA.	98052		71/12
K7PHZ	CARPENTER, JIM	2125 ELM SE	AUBURN,	WA.	98002	833-9017	71/03

MIKE AND KEY AMATEUR RADIO CLUB

CALL	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	JOINE
W6PKW	ANGELOFF, CASEY	20307 96th ST E	SUMNER,	WA.	98390	862-8677	89/04
K6PQJ	YERKES, ROBERT	P.O. BOX 853	NORTH BEND,	WA.	98045	888-3420	86/07
W7PRW	BUTLER, CARL	16831 40th AVE S	SEATTLE,	WA.	98188	242-6297	70/10
K7PZX	JACKSON, KEN	8415 110th ST. East	PUYALLUP,	WA.	98373	848-4561	70/10
WV7Q	PASQUIER, CAROLYN	18424 45th ST. E.	SUNMER,	WA.	98390	826-4977	87/04
W7QCV	KING, HAP	451 145th PL NE	BELLEVUE,	WA.	98007	747-0441	84/07
K7QDI	ELDER, JIMMIE S.	7579 S LAUREL ST	SEATTLE,	WA.	98178	772-2617	86/11
KF7QF	WOOD, BRIAN	8706 206th ST SE	SNOHOMISH,	WA.	98290	481-2361	89/01
W7QGP	LEWIS, MARY	10352 SANDPOINT WAY NE	SEATTLE,	WA.	98125	523-9117	74/02
KA7QHJ	KRIEGER, FRANK	3410 S 166th ST	SEATTLE,	WA.	98188	243-9232	86/06
K7QMI	SCHNEEBECK, TIM	14520 FREEMONT AVE. N.	SEATTLE,	WA.	98133	368-3970	77/04
WA7RJT	GRAZIER, CHUCK	11826 21st SW	SEATTLE,	WA.	98146	242-9576	72/07
WA7RJW	HOLT, CHRIS	PO BOX 1209	CHELAN,	WA.	98816	(509) 682-4529	74/01
N6RY	CONBOY, TERRY	7969 145th AVE. SE.	RENTON,	WA.	98059		90/07
KA7SEH	PHELAN, TOM	16460 51st AVE S	SEATTLE,	WA.	98188	243-5862	84/04
WA1SEY	ALLYN, M.A.	6826 16th AVE NE	SEATTLE,	WA.	98115	526-8852	87/10
WB0SNK	EVANS, RANDAL S	22209 122 AVE SE	KENT,	WA.	98031	630-4200	87/09
W7SRZ	NORTHCUTT, CHUCK	353 S 116th	SEATTLE,	WA.	98168	243-6432	87/03
WX7T	SCHUMACHER, RALPH E	4032 E MERCER WAY	MERCER ISLAND,	WA.	98040	232-8053	88/10
WA7TAI	JACOBSON, GENE G	7334 126th AVE NE	KIRKLAND,	WA.	98033	822-3931	74/07
WB7TBR	ZUMBRUNNEN, VICTOR	22032 8th AVE S	DES MOINES,	WA.	98198	824-2089	85/02
WB7TJK	HALLSTROM, NILS	17047 35th AVE SO.	SEATAC,	WA.	98188	242-6271	90/09
WB7TOI	BASTA, JOSEPH	3734 147th SE	BELLEVUE,	WA.	98006	641-3729	89/01
W7TRA	JOHNSON, DON	7724 E. Van Buran Ave.	Port Orchard	WA.	98366		88/01
W7TWU	KELLER, DICK	933 SW AUSTIN	SEATTLE,	WA.	98106	762-4459	87/03
KF7TX	VYBORNY, FRANK	5767 S EDDY ST	SEATTLE,	WA.	98118	723-4475	87/12
WA7UEW	LUNDSTROM, DICK	32131 19TH LAME SW #166	FEDERAL WAY,	WA.	98023	838-9559	73/01
WA7UJR	HEWSON, C. AL	10904 SE 236th PL #J-206	KENT,	WA.	98031	859-1860	87/11
WA7UVJ	DINKELMAN, MICHAEL	637 2ND AVE S	KENT,	WA.	98032	854-4031	85/05
A17V	DAVIS, RICHARD A	3544 STRATTFORDT	KENT,	WA.	98032		87/10
KA7VBA	FULLER, JOHN	405 S 164th ST	SEATTLE,	WA.	98148	244-4131	88/02
KF7VG	ANTES, RICK	19025 32nd AVE SO	SEATTLE,	WA.	98188	246-7570	89/07
W7VIH	SHINNERS, PAT	534 N 78th	SEATTLE,	WA.	98103	782-6978	79/04
WB7VJA	SUTTON, PATI D	3516 SW 343rd	FEDERAL WAY,	WA.	98023	927-7088	79/12
KE7VQ	McFETTERS, MIKE	6668 137th PL. NE	REDMOND,	WA.	98052	861-9635	89/11
KE7WB	McCREA, BRIEN	13037 SE 159th PL	RENTON,	WA.	98058	255-6492	88/09
WB7WCP	ORLANDO, JOE	26411 189th AVE SE	KENT,	WA.	98042	631-3040	89/05
WB7WGB	DILL, CHARLES B	2230 SE 134th ST	BOTHELL,	WA.	98012	742-7942	87/07
WA7WKT	SKOOG, ARNE W	30617 2nd AVE SW	FEDERAL WAY,	WA.	98003	839-2501	74/03
WB7WNF	ELKINS, RALEIGH C	13506 CEDAR CT EAST	SUMNER,	WA.	98390	897-8090	97/12
KF6WR	COLLINS, ERAL	2609 W. PLYMOUTH	SEATTLE,	WA.	98199	281-8085	90/11
K7WTG	HEDBERG, PETE	20904 NE 77th ST	REDMOND,	WA.	98053	868-1536	70/10
NF7X	LOGAN, JERRY L	226 77th PLACE SW	EVERETT,	WA.	98203		86/11
NOYC	BOESSENROTH, TED	2009 DAYTON DR SE	RENTON,	WA.	98055	255-7721	87/11
WA7YFH	KUHLMEIER, THOMAS D	3828 34th AVE SW	SEATTLE,	WA.	98126	932-8846	88/05
KA7YPQ	REGAN, GLENN	2500 384th ST #217	FEDERAL WAY,	WA.	98003	838-1653	88/03
K7YR	RAU, KEN	5430 LAKE ALICE RD SE	FALL CITY,	WA.	98024	222-7711	72/12
K7YZZ	HUTTON, LOUIS I.	12235 SE 62nd ST	BELLEVUE,	WA.	98006	746-1251	87/10
K7ZCR	RAMSEUR, RICHARD	14003 SE 141st	RENTON,	WA.	98056		90/07
W7ZLW	NELSON, VERN	16812 NE 107th	REDMOND,	WA.	98052	882-3567	78/03

MIKE AND KEY AMATEUR RADIO CLUB

CALL	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	JOINE
N5ZR	JAKUBEC, TOM	231 S. 177th Pl. #A304	SEATTLE,	WA.	98148	248-2492	89/09
KB7ZS	BURRELL, JACK	108 130th PL NE	BELLEVUE,	WA.	98005	454-2353	80/09
KA7ZYN	BUTT, REG	700 216th PL NE	REDMOND,	WA.	98053	868-8328	88/12
KA7ZZJ	SCHULZ, ARTHUR J	2054 NE 103rd ST	SEATTLE,	WA.	98125	523-5120	89/02
	ISSAQUAH ARC	9222 NE 139th ST.	Kirkland	WA.	98034		99/0
	AMATEUR RADIO SUPPLY	6213 13th AVE. SO.	SEATTLE,	WA.	98108	767-3222	99/0
W1AW	ARRL	225 MAIN ST.	NEWINGTON,	CT.	06111	(203) 666-1541	99/0
	C-COM	6115 15th AVE. NW.	SEATTLE,	WA.	98107	784-7337	99/0
	A. B. C. COMMUNICATIONS	17550 15th AVE. NE	SEATTLE,	WA.	98155	364-8300	99/0
	NORTH SEATTLE ARC	P.O. BOX 20279	SEATTLE,	WA.	98102		99/0
	W.W.A.R.A.	32521 107th AVE. SE.	AUBURN,	WA.	98002		99/0
	WORLD RADIO	P.O. BOX 189490	SACRAMENTO,	CA.	95818		99/0
NY7F	YAKIMA ARC	1650-8 YOST RD.	TOPPENISH,	WA.	98948		99/0
	NORTHWEST PACKET ASSOC.	14919 NE 163rd ST.	WOODENVILLE,	WA.	98072		99/0