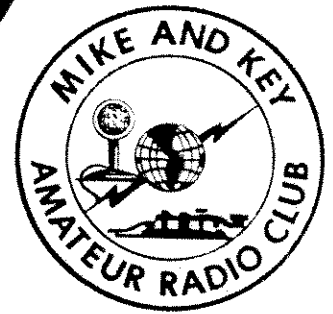


# K7LED RELAY



The K7LED RELAY is the Official publication of the MIKE and KEY AMATEUR RADIO CLUB, P.O. Box 2121, Kirkland, Wa. 98032-2121. The Club meets the third Saturday of each month at 9:30am in "The Good Neighbor Center", 305 S 43rd St. Renton, Wa. All "Hams" invited. The MIKE and KEY net meets each Monday evening at 1930 hrs on 224.12MHz. Your check-in is welcome.

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AN ARRL AFFILIATED CLUB LOCATED NEAR SEATTLE, WASHINGTON.

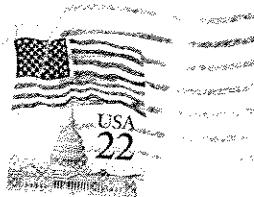
VOLUME 16

JANUARY

NUMBER 1

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19415 SE 21st  
 Issaquah, Wa. 98027  
 Phone 392-5303



REPEATER FREQUENCY  
 52.05 - 53.05  
 146.22 - 146.82  
 224.12

First Class

## BOARD MEETING

FIRST TUESDAY  
 OF EACH MONTH

## CLUB MEETS:

16 JANUARY 1988

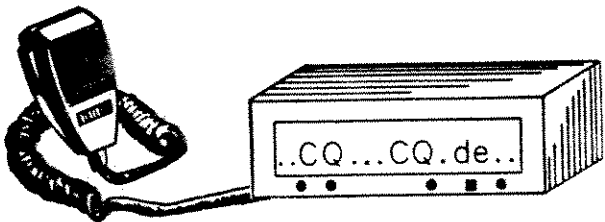
**UGN CENTER  
 RENTON 10:00**

## BREAKFAST

**BOB'S BIG BOY  
 RENTON--8:00AM  
 3RD SATURDAY**

REDBERRY, PLATE RSTED  
 20904 NE 77th ST  
 REDMOND  
 WA 98053

COFFEE AND DONUTS WILL BE READY AT 9:30



### THE PREZ.....

HAPPY NEW YEAR to all and your families!!!!!! It has been a busy time for all of us in the MIKE and KEY and 1988 is beginning to look like it will be a busy one, too. We need your help in doing all of the great things that have been set in motion. Please give us your support in the way of help on the different projects and activities that we have.

We now have started communicating with the Boy Scouts of America as to where we as a club can help them out. A meeting is planned for later in the month. More later as the details unfold. This is an exciting time for us. Let's all give it our support.

Due to a great response on such a short notice your club members provided approximately 200 pounds of food to be donated in the name of the MIKE and KEY ARC. We are going to kick off our second annual drive in FEBRUARY. This is going to be a regular donation at all club meetings. If each of us does this we will more than provide our share to our community. PLEASE HELP!!!!!!!

This last year we have really grown with our membership and I can't help but Thank all members and the Executive Board for their many hours of work to make us go. My hat is off to all of you. --THANKS but we can't stop now because we must get 1988 running smoothly. Can you help??? Think about it and then give a hand. Elections are coming and we need all of you to be on the board to run this growing and exciting organization. If you don't get involved you'll miss out on the most important part of this clubs functioning and direction.

Running for office is one thing that all of us fear. But beleive me we all had to take that chance

and jump in both feet. This club needs YOU and YOUR IDEAS. If you choose to run contact one of the present board members and we will get you on the list of candidates for 1988. I promise you won't be sorry!!!! But time is wasting and we must move now.!!!

So far in the last couple of months we have signed up thirty-six members to go on a working party to Fort Flagler on the 30th of April. I will be contacting each of you by mail soon to re-affirm your commitment. We need this activity to go off well and your support is of the greatest need. If you haven't gotten on the list please contact me and I will put you on the list. This is a one day affair, please mark it on your calender.

73's -- Rick, NU7Z

### FLEA MARKET SET UP

FRIDAY - MARCH 11, 1988

Contact Hal, N7NW

### CHANGES IN CONSTITUTION & BYLAWS

You received a copy of the proposed Constitution & By-Laws in the November RELAY. These were voted on and approved with the following changes:

#### CONSTITUTION

ARTICLE II - PURPOSE: Delete "the hobby of" to read "The purpose of this club shall be to bring together those who are interested in Amateur Radio."

ARTICLE II - E: Delete "the hobby" and add "amateur radio" to read "Promote amateur radio to the general public and community."

#### BY-LAWS

SECTION 6 - DUTIES OF TRUSTEE (second paragraph, first sentence to read "Said budget, either in its original or modified form, shall be submitted to the general membership for approval".

WA7EBH, KB7ZS, N7JPW

THE EDITOR.....

The New Year is upon us and oh so quickly. I sincerely hope all of you had a joyous holiday season and are enjoying the beginning of 1988.

Last month, you may have noticed that I began stapling the newsletter again (after it is folded ready for mailing). The Post Office had asked that I tape it due to the safety hazard of staples being exposed to the postal workers. Well!!!! Many of you either received only the cover or a completely mutilated version. For this I apologize, but it happened.

Therefore, I will continue to staple. When our wonderful postal workers begin handling FIRST CLASS MAIL as such, I may consider their re-request. Until then.....STAPLES IT IS!!!!

Chuck and I will be going on vacation when the next newsletter is due to be printed. I will do as much as I can before I leave and Ray WA7EKH has agreed to finish and get it in the mail. Thanks, Ray!!! You've been alot of help this whole year.

Remember, I can always use articles and whatever else can be printed. If I run out of space or mislay something (and discover it after the RELAY goes to print, Sorry Jack) I will print it. Some of you are regular contributors and I can't do it without you. N7JPW

#### JANUARY PROGRAM

Seems I wasn't able to make it to the December Club meeting and there wasn't any program as a result. My apologies to the disappointed, if any.

January's program will be what December should have been, a DX prefix test. Better bone up on those rare and not-so-rare DX calls.

Let's see now. JT2AA would be where.....?

#### CUB SCOUTS COMMUNICATE

On November 18 Jim, WA7LND was contacted by Mr. David Sao requesting assistance in helping the Cub Scout Den (Sunset School, Issaquah) with their Communications Month. After some frantic weekend calling, all was arranged for the next Monday, Nov. 23. Chuck, W7SRZ delivered the tape "The New World of Amateur Radio" to the bus barn in Bellevue and the show was ready. The eight boys, Dave and Jim, LND arrived at my QTH around 7 and away we went. The tape was well received and we then adjourned to the shack. A short Q & A session preceded getting on the air. QSOs were held with 6 land and then the Country Cousin NC picked up the program, stopped the net, and really gave the kids a show.

Thanks to all concerned, (UVJ's tape, Chuck and Jim) all went well, and with a little follow up maybe some new hams. '73 Jack KB7ZS

#### USERS WELCOME AO-10 RETURN TO SERVICE

AMSAT OSCAR 10 returned to service Monday, November 16. The return of the veteran spacecraft to service was greeted by a happy community of users who particularly enjoy Mode B operation, and many thousands of QSOs have been made.

However, due to the IHU demise earlier this year, only Mode B operations will be possible. Moreover, for the next month or so, very long eclipses will be occurring. Operations during these periods is expressly prohibited to protect the spacecraft battery. The timing of the eclipses will vary in the coming weeks. This will, in turn, cause changes in the operating schedule. Users will need to keep in close contact with official news sources to insure they are aware of current and planned operating schedules.

The operating schedule for AO-10 through early January was published in ASR #62, page 2. As always, please insure that you use the lowest uplink power levels so as to insure satellite health as well as good communications.

## BOWLING PARTY

Yep, that's right, only a couple more weeks until the 3rd Mike & Key Bowling Party.

Hope you have reserved your place. Only thirty positions were open and as of this writing, 23 have gone. January 23rd is the day, 7:30 PM the time. It'll be at the Skyway Lanes in Renton.

If you have registered, please get your \$8 (a person) to myself or Mike Hansow by the club meeting. If you can't get to the meeting, then mail it. It is very important that your payment reach us by January 16. Pre-payment is mandatory, otherwise, you risk being dropped.

Afterwards, we'll find a pizza joint to compare stories and collect bets. Hope to see you there. WA7UUV

## REMEMBER - FLEA MARKET

SATURDAY, MARCH 12, 1988

Contact Hal, N7NW

## WELCOME VISITORS

November meeting - James Wraalstad, KF7CJ; Mildred Butler, XYL of K7PRW; Ron Grew, no call; John Evans, N7HMW; Dale Clay, no call; Tom Gilchrist, KB7CZP; Norman Ahrens, KA7DFP; Roy Buell, W7MXY; Frank Vyborny, KA7NHY; Gary Allen, K9ZMD; Peter Dahl, WA7FUS; George Mattson, KL7GCS.

December meeting - Dave McCallum, WA1ONP; Vic Keranen, no call; William Sexton, KA7RJO; John Evans N7HMW.

## IT'S LEGAL!!!

For you 160-meter operators, those signals found on 1.911, 1.920, and 1.922 are all U.S. Government Radio-location transmitters. Perfectly legal since we "share" that band with radio DF and radio-location stations. QTH of the transmitters is unknown and who operates them is unknown. But I have it officially that they are "legal" and U.S. Government. (Navy????).

## GEMS AND BOAT ANCHORS

March brings one of the Northwest's biggest amateur gatherings, the Mike & Key Swapfest. This year it happens on March 12th.

Of course, your help is needed to make it a success. We will need people to set up, tear down, and everything in between. Hal, N7NW is chairman and a host of others are heading up specific duties.

Lend your support to this "must attend" event. It's the only way you can get in free. Also, spread the word on the air, on computer/packet BB's, and in person. We need your help. - WA7UUV

## APPRECIATION

As many of you may well remember last month was when the special raffle was to be held. I want to thank those who helped out in my absence, and those who supported our club by buying tickets.

Special thanks go to Mike Hansow, KA7CSE. He came down on short notice and picked up the equipment and raffle supplies. Then he did a fantastic job of twisting arms to sell tickets. The amount of money he dumped in my hands later was obscene. Gonna be a lotta nice prizes at the banquet this year. (More on that later)

Also, I would like to thank Herchel Whitney, WA7IMC. He donated the radio to make this special raffle possible. A gift above and beyond the call of duty.

Finally, a hearty thanks to all who bought tickets. Unfortunately, only one could win, but maybe you will get the #1 door prize at the banquet? By the way, over 150 tickets were sold, wow! Thanks again to all. WA7UUV

## TELEPHONE INTERFERENCE FILTERS

If you are having RFI problems with your home telephone set, order the following filters from your "Phone Store" or PNB office. These are AT&T stock numbers, however; for a common desk set use filter #Z100A. If you have a wall-type phone, order filter #Z101A. Both are common and will give good results.

General Meeting 12-19-87

Called to order by NU7Z @ 1002  
w/pledge 55 attendees

Intruder Watch report by Gib,  
W7JIE

New members: Jim KF7CJ, Norm  
KA7DFF, Frank KA7NHY, Roy  
W7MXY. Welcome to the M&K ARC

Treasurer's report: Assets =  
\$7551.16

Rush Drake: AREFL

Field Day: Work party date is Apr  
30th at Ft. Flagler. Notices  
will be sent to all who  
indicated an interest.

FleaMarket: March 14th, see  
Hal, N7NW, to sign up for  
working at the fleamarket.

Old Business: Revised  
constitution - motion by  
Ray, WA7EKH, to approve  
changes, seconded and  
passed by membership

New Business: VEC application - to  
be discussed at next board  
meeting and report submitted  
to Relay and idea brought  
before next club meeting

Panasonic radio donated by  
Herschel, WA7IMC was won at  
Dec meeting by Gordie, WA7AVC

Closed @ 1202

#### FORT FLAGLER ALL-DAY WORK PARTY

SATURDAY, APRIL 30, 1988

Contact Rick, NU7Z

#### BANQUET

Tillie Zumbrunnen is your banquet  
chairperson for this year. Hope you  
will give her all your support, she  
has some rather interesting ideas.

My thanks to Tillie for jumping in  
and doing this event, it's a lot of work  
but she is looking forward to it. I am  
looking forward to the 1988 Mike & Key  
Awards Banquet. Get your reservations in  
early when published. -WA7UWJ

#### CLASSES

A little reminder. Tech/General  
classes began, January 14th at  
Highline Community College. If you  
know anybody who is interested, have  
them get hold of Hal-N7NW, Jim-K7ND,  
Vic-WB7TBR, or myself. You can also  
call HCC's adult continuing education  
department.

Classes begin at 7PM and go for  
two hours. Code study is at home with  
cassette tapes. Open up the expanding  
world of Amateur Radio to yourself.  
upgrade. WA7UWJ

#### VEC APPLICATION

As most members know, Amateur  
exams are given at the Good  
Neighbor Center after the club  
meetings at 1300. These exams are  
given by VE's under the auspices  
of the Boeing BEARS VEC. Due to  
circumstances, the BEARS VEC  
program will cease as of Apr 30th,  
1988. This means that the people  
who give the tests at the Center  
will have to look elsewhere for  
accreditation as VE's.

Some thought has been given to the  
idea of the M&K ARC applying for  
Area 7 VEC. At the Dec meeting I  
brought up the subject for  
discussion. It was quite obvious  
from the questions brought forward  
that more information was  
required.

After talks with the involved  
people it has been decided to  
shelve the idea until a future  
need or interest arises.

This does not mean that exams will  
be discontinued at the center.  
The active VE's will be given  
information to obtain  
accreditation from a new VEC and  
the current test schedule will be  
maintained.

Nor does this mean that a VEC  
application cannot be filed in the  
future. If anyone wishes to I  
will be more than happy to discuss  
the proposal.

Jim K7ND

HAM TRIVIA!!

Recently the Seattle P-I printed the estimate from the Bureau of Census on the population of the United States. Taking these figures and the latest of ham population in the 1987 Callbook, I came up with the number of hams vs. populations. Interesting figures. The first number is the ranking of the state, the last number is the number of hams per population estimate. Alaska is #1, Washington #2, etc.

WELCOME ABOARD

Charles A. Hewson, WA7UJR:  
Advanced; First Class Phone;  
Employed by Pacific First Federal  
as a Programmer Analyst. Hobbies -  
Toastmasters; Photography.

Ted Bossenroth, NØYC: Extra;  
Employed by WICAT Systems, Instruc-  
tional Analyst.

Dennis O. Peterson, N7CKD:  
General; Employed at Boeing, Bench  
Mechanic. Hobbies - Dance instruc-  
tor, Hunting, Photography.

James Wraalstad, KF7CJ.

Frank Vyborny, KA7NHY.

Roy M. Brell, W7MXY.

Norman R. Ahrens, KA7DFP.

Welcome to all of you from the rest of us in the M&K. The addresses and phone numbers of these hams are in the new roster included in this RELAY. I'm sorry I did not have the Class, Occupation or Hobby of the ones voted in at the December meeting. I'll try to get these in the next RELAY. N7JPW

ANNOUNCERS WANTED AND NEEDED

Flea Market, especially early morning. Gib could really use you. How about it???  
Contact Gib, W7JIE

1. Alaska	249.1
2. Washington	334.2
3. Oregon	335.9
4. New Mexico	368.9
5. Arizona	416.2
6. California	450.6
7. Florida	453.5
8. Maine	460.5
9. Colorado	462.0
10. Connecticut	475.0
11. Vermont	484.0
12. Montana	485.5
13. Wyoming	485.6
14. Nevada	488.3
15. Idaho	490.4
16. Massachusetts	500.6
17. Ohio	503.4
18. Kansas	510.5
19. Hawaii	517.6
20. New Mexico	520.6
21. Indiana	531.9
22. Iowa	532.3
23. Nebraska	537.4
24. Minnesota	555.6
25. New Jersey	557.8
26. Maryland	565.1
27. Rhode Island	574.5
28. Virginia	585.8
29. West Virginia	586.0
30. Missouri	592.4
31. Utah	592.8
32. Tennessee	605.2
33. Delaware	606.4
34. Oklahoma	607.1
35. North Dakota	610.3
36. Michigan	618.9
37. South Dakota	626.3
38. Illinois	629.1
39. Texas	641.8
40. New York	647.8
41. Pennsylvania	654.9
42. Alabama	657.2
43. Wisconsin	686.2
44. North Carolina	711.5
45. Arkansas	713.6
46. Georgia	755.9
47. Kentucky	769.8
48. Louisiana	877.2
49. South Carolina	893.7
50. Mississippi	964.7
51. Dist. of Col.	1385.3

If you want least amount of local QRM, move to D. of C.!! Otherwise enjoy your local QTH. It's probably better there anyway. W7JIE

NOTES - - -

I have asked for two hotel rooms for 4 of us to stay at the DAYTON HAMVENTION, April 29, 30 and 1 May. Looks like only 3 of us can make it, so there will be an opening for someone if they should like to go with us. (WA7EKH, WA7TAI & W7JWP). We would like to have some-one or we will have to change the booking. Contact WA7EKH if you are interested

How many of you have used 220MHz lately?? I listen in the evening and after 2000 hrs, there isn't much activity, as a matter of interest there isn't much activity during the day either. Looks like we should start using it again or the FCC will try and give it away to someone who thinks they need it.

This brings up another subject!! I often hear other "Hams" talk and I detect anger in their voices - sometimes very harsh. Like "When are those guys in ARRL going to do something", "Well the ARRL lost that for us", "I wouldn't belong to that outfit if it was the last one on earth". and many other bad things against the ARRL. I stop and think "Guess those guys have some other Ham" group to talk in their behalf when some commercial outfit or some group wants part of our frequencies to do their thing on, or the land mobile wants 3 or 4 megs of our frequency or the FCC wants to make a change on account of someone didn't like what they did. As far as I know the ARRL is the only outfit that the FCC and, I guess Congress, will listen to on such things as this. I know the dues to ARRL is a little steep now, but, I think it is time to reconsider your thinking and lets see if we can be a 100% ARRL membership club.

Our friend out in the East, namely the Radio Officer, has been down with the crud for the past few weeks so I don't suppose he has felt like doing much to the repeater link. Just maybe he will come to the meeting and tell us about it.

Just recently Berry Goldwater, K7UGA, retired himself from the US Senate. He seemed to swing a pretty big stick when it came to Amateur Radio back there in the head-shed. We, as an Amateur group, should take a look to help elect someone to the Senate who holds an Amateur license, someone who can represent us where it will do some good. Maybe we should think about

this a little and possibly do a little politicing.

I have heard some talk about bogus radio calls. Commencing to wonder if they are really bogus radio calls or is the Call Book just not up to date. I have a 88 Call Book that Santy Claus brought me for Christmas and I tried to look up some calls that were used in the last VHF contest. Some of them are just flat not in that book. It would be interesting to know how far behind the book is on their listing.

The Club is now at 120 members, this includes one life member and some associate members. I know it is hard to break "old customs", and I know some of them shouldn't be broken, but, there should be a lot of new ideas out there in the membership that we can relate to. Lets hear from you!!

Noticed in 73 magazine that there is now on the market a "Visual Telephone Display" for about \$400. This gives you a "freeze frame" picture so you can see who you are talking to if they happen to have one on their end. Moving display will be next.

The December Club meeting was a good one. Lots of things were accomplished. Rush Drake, our Division Director was there and addressed the Club. One point he brought up in regards to Amateur Radio being refered to as a hobby, when talking with FCC and others in regard to future changes to our activities, brought about the removal of "hobby" from our Club Constitution. The proposed changes to the Constitution and By-Laws was passed and is now in being.

Now is the time for all good Club Members to get ready for our "FLEA MARKET 88" and make this one the biggest and best yet!!!

Don't forget to take advantage of the ARRL insurance on your "Ham" gear. Especially the new radio you got for Christmas. The price is \$1.00 per hundred. Comes in handy if some one wants your radio more than you do.

73 Ray - WA7EKH

**FIELD DAY RESERVATIONS**

**MAIL those now to make sure you have a spot to sleep. Oh, I forgot, who sleeps?!!! Times a wastin'.....**

# FEBRUARY 1988



S M T W T F S

	1 CLUB NET 224.12. ARRL STRAIGHT KEY NITE NATIONAL FREEDOM DAY	2 BOARD MEETING 1930 QTH OF: WEST COAST QUALIFYING RUN	3  CALL TIM, W7QMI AT 634-3636 TO HEAR WESTLINK	4	5	6
7	8 M & K UHF NET 1930 HRS/224.12 WIAW QUALIFYING RUN (40-10 WPM)	9	10	11	12  LINCOLN'S BIRTHDAY	13
14  VALENTINE'S DAY	15  WASHINGTON'S BIRTHDAY (OBSERVED) SUSAN B. ANTHONY DAY	16  MARDI GRAS DAY	17  CHINESE NEW YEAR ASH WEDNESDAY	18	19 BRING NEWSPAPERS WIAW QUALIFYING RUN	20  VEC. QLOMS 1:00 PM CLUB MEETING STARTS AT 1000 - COFFEE READY AT 0930-BRING A FRIEND AND NEWSPAPERS
21 20-21 INTERNATIONAL DX CONTEST. CW	22 <i>Table Reservations Due ----</i> WASHINGTON'S BIRTHDAY CLUB NET 224.12	23	24 FLEA MARKET 12 MARCH	25	26	27
28	29 <i>Leap Day</i>		<i>Flea Market Needs Help N7NW</i>		<i>1st day of Spring next month!!</i>	

HAPPY NEW YEAR



AAB						
KB7AFS	T 87	Prahlap Ayenger	2516 NE 95th	Seattle, Wa. 98115	524-4040	
KB7AIG	N 87	Joyce Van Tuyl	P.O. Box 23	Pacific, Wa. 98047	939-8875	
N7AMX	G 78	Karl de Jong	20903 NE 77th	Redmond, Wa. 98053	868-0457	
WA7AVC	G 80	Gordon Cady	8216-38th NE	Seattle, Wa. 98115	527-1387	
N7AVD	G 79	Debra de Jong	20903 NE 77th	Redmond, Wa. 98053	868-0457	
N7AWK *	73	Ernie Davis	P.O. Box 66254	Portland, OR. 97266	(503)760-2130	
WB7AYU	T 75	Michael Cross	5803 SW Hanford	Seattle, Wa. 98116	935-2688	
KB7BHW	N 87	Gary Crowell	2815 - 53rd SE	Auburn, Wa. 98002	863-0636	
N7BNJ	T 87	Larry Price	10412 - 36th E.	Puyallup, Wa. 98372	841-7465	
W7BQG	A 86	Ellis Hamer	1402 - 22nd NE, #310	Auburn, Wa. 98002	939-4895	
KA7BQY	82	Bill Kissinger	19811 SE 370th Pl.	Auburn, Wa. 98002	833-7778	
KB7BRH	N 87	Jim Waltose	2005 NE 20th	Renton, Wa. 98056	271-1327	
KB7BRT	T 87	Edith Evans	1841 McHugh Ave.	Enumclaw, Wa. 98022	825-2560	
N7BT *	E 79	George Boross	2333 W. Irvington Rd. #17	Tucson, AZ 85714	859-0392	
KB7BTN	N 87	Mark Northcutt	353 S. 116th	Seattle, Wa. 98168	242-6640	
W7BUN *	A 79	Jerry Seligman	12306 - 80th E.	Puyallup, Wa. 98373	845-7652	
WA7BUY	T 87	Gerald M. Sampont	8806 - 116th NE	Kirkland, Wa. 98033	827-4480	
WA7C	E 87	Don Wilbrecht	5211 - 26th S.E.	Lacey, Wa. 98503		
KF7CJ	A 87	James Wraalstad	7617 - 140th ST. CT. E	Puyallup, Wa. 98373	531-6489	
N7CKD	G 87	Dennis Peterson	4248 A St. SE #609	Auburn, Wa. 98002	833-7243	
KA7CSE	G 87	Michael Hansow	1412 Lk. Youngs Way SE	Renton, Wa. 98058	255-7137	
KA7DFP	N 87	Norman Ahrens	5405 S. 305th	Auburn, Wa. 98001	838-0521	
N7DOH	E 87	Paul Roth	4657 - 123rd SE	Bellevue, Wa. 98006	643-9419	
K6DOW	A 85	H. Wayne Moddison	16646 SE 134th	Renton, Wa. 98056	271-5314	
WB7DVX	T 75	Linda Molt	Rt. 1, Box 105A	Manson, Wa. 98831	(509)687-9429	
NX7E	E 87	Mike Cummings	622 N. 60th	Seattle, Wa. 98103	784-7575	
WA7EBH	A 70	Chuck Stroehrer	19415 SE 21st.	Issaquah, Wa. 98027	392-5303	
WA7EJY	T 71	Archie Brush	22516 - 30th S.	Des Moines, Wa. 98198	878-2833	
WA7EKH	G 71	Ray Leslie	13517 - 117th NE	Kirkland, Wa. 98034	821-4188	
WA7ELI	T 71	Lew Rambo	11605 NE 150th Pl.	Bothell, Wa. 98011	488-9120	
W7EVS	E 87	Monty Males	27603 W. Valley Hwy.	Kent, Wa. 98032	854-2531	
WA7F	E 87	Ron Evans	1841 McHugh Ave.	Enumclaw, Wa. 98022	825-2560	
K57F	E 87	Wayne Smith	11074 SE 181st	Renton, Wa. 98055	226-8576	
WA7FMT	G 87	Jim Morris	4406 S. 166th	Seattle, Wa. 98188	246-4270	
WA7GHZ *	T 72	Ralph Cornell	21211 - 4th Ave. So.	Seattle, Wa. 98148	878-8119	
W7GPW *	A 74	Jim Strang	387 E. Dry Lake Rd.	Cawano Island, Wa. 98292	387-9510	
N7GVX	84	Floyd Boswell	12137 SE 276th CT.	Kent, Wa. 98031	631-9394	
WA7HCP	A 87	Jim Long	1061 Lynnwood N.E.	Renton, Wa. 98056	228-3872	
N7HKL	T 86	Ted C. Van Tuyl	P.O. Box 23	Pacific, Wa. 98047	939-8875	
WA7HGG	T 71	John Rehnstrom	9621 - 9th NW	Seattle, Wa. 98117	783-2489	
WA7HWX *	T 85	Jan Hedberg	17720 North Park Pl. N.	Seattle, Wa. 98133	542-8975	
N7IL	A 87	Ivan Lee	15631 - 12th S.	Seattle, Wa. 98148	242-6501	
WA7IMC	A 87	Herschel Whiting	9820 NE 16th	Bellevue, Wa. 98004	454-6640	
N7IVM	T 86	W. E. (Ben) Bennett	625 - 109th SE	Bellevue, WA 98004	451-9096	
NT7J	E 87	Don Richards	17410 SE Maple Val. Hwy. #106	Renton, Wa. 98058	255-1639	
N7JHI	G 87	Tom Evans	6211 - 35th Way SE	Auburn, Wa. 98002	735-1624	
N7JIE	E 75	M. L. (Gib) Gibson	1215 N. 28th Place	Renton, Wa. 98055	226-4222	
N7JNC *	T 87	Cathern Harston	1989 Loraine St.	Enumclaw, Wa. 98022	825-3032	
N7JNF	T 87	Glen Harston	26860 SE 41st	Enumclaw, Wa. 98022	825-1870	
N7JPN	T 87	Beth Sherwood	1830 Carpenter Rd. SE #13	Lacey, Wa. 98503	456-6676	
N7JPW	N 87	Joyce Stroehrer	19415 SE 21st	Issaquah, Wa. 98027	392-5303	
N7JWJ	E 74	Harry Lewis	10352 Sandpoint Way NE	Seattle, Wa. 98125	523-9117	
N7JWF	A 84	Arnold Larson	15348 - 70th NE	Bothell, Wa. 98011	488-7463	
N7JWX *	T 87	Ray Harston	1989 Loraine St.	Enumclaw, Wa. 98022	825-3032	
WA7KBK	G 74	Don Rembaugh	20175 - 45th NE	Seattle, Wa. 98155	362-9189	
W7KCY	A 76	Dick Dietsch	16807 NE 89th	Redmond, Wa. 98052	885-6559	
K7KOT	A 70	Steve Tillet	1642 Browns Pt. Blvd.	Tacoma, Wa. 98422	927-5456	
KB7LM	E 77	Bob Rulifson	14232 SE 23rd	Bellevue, Wa. 98007	746-5192	
WA7LND	E 75	Jim Sutton	3516 SW 343rd	Federal Way, Wa. 98023	927-7086	
W7MCU	E 84	Len Westbo	10528 SE 323rd	Auburn, Wa. 98002	833-4834	

K7MRH	6 84	Warren Nixon	26908 Avon Court	Kent, Wa. 98032	854-9028
W7MXY	A 87	Roy M. Buell	10414 - 147th SE	Renton, Wa. 98056	235-1986
NX7N	E 86	Robert Anderson	12029 SE 220th Pl.	Kent, Wa. 98031	631-8330
K7ND	E 70	Jim Christiansen	990 Lummi Dr.	Fox Island, Wa. 98333	549-4062
KA7NHY	N 87	Frank Vyborny	5767 S. Eddy	Seattle, Wa. 98118	723-4475
WA7NIM	T 72	Dick Radford	11387 NE 91st	Kirkland, Wa. 98033	883-9803
KD7NM	A 80	Bob Donnell	P.O. Box 45645	Seattle, Wa. 98145	631-2111
N7NW	E 74	Hal Goodell	987 Lummi Dr.	Fox Island, Wa. 98333	549-4178
WN7NXC	A 74	Les Jacobs	14300 - 103rd NE	Bothell, Wa. 98011	821-8839
KA7OVQ	N 87	Mark Richards	2411 S. 116th Way	Seattle, Wa. 98168	248-1581
WA7QXN *	A 80	Bob McGahuey	14840 - 74th Pl. NE	Bothell, Wa. 98011	488-7841
K7PFR	6 71	John Becker	8501 Willows Rd. #293	Redmond, Wa. 98052	881-0804
K7PHZ	A 71	Jim Carpenter	2125 Elm St. SE	Auburn, Wa. 98002	833-9017
K6PQJ	E 86	Bob Yerkes	4600 Davis Ave. S. #C-102	Renton, Wa. 98055	226-3688
W7PRW	6 70	Carl Butler	16831 - 40th. S.	Seattle, Wa. 98188	242-6297
K7PZX	6 70	Ken Jackson	18944 - 33rd South	Seattle, Wa. 98188	246-7354
W7QCV	84	Hap King	451 - 145th Pl NE	Bellevue, Wa. 98007	747-0441
K7QDI	86	Jimmie Elder	7579 S Laurel	Seattle, Wa. 98178	772-2617
W7QBP	A 74	Mary Lewis	10352 Sandpoint Way NE	Seattle, Wa. 98125	523-9117
KA7QHG	86	Frank Krieger	3410 S. 166th	Seattle, Wa. 98188	243-9232
K7QMI	T 77	Tia Schneebeck	4522 Brooklyn NE, #103	Seattle, Wa. 98105	547-0404
KA7QMT	N 87	Don Werts	14906 SE 138th Pl.	Renton, Wa. 98056	228-1099
KB7R	E 79	Joe Fannin	108 - 130th Pl. NE	Bellevue, Wa. 98005	454-4991
WA7RJT	A 72	Chuck Brazier	13210 - 231st SE	Issaquah, Wa. 98027	392-3764
WA7RJW	T 74	Chris Holt	Rt. 1, Box 105A	Manson, Wa. 98831	(509)687-9429
KE7RK	A 87	Floyd Dunn	26151 - 195th Pl. SE	Kent, Wa. 98042	631-5658
KA7SEH	T 84	Tom Phelan	16460 - 51st South	Seattle, Wa. 98188	243-5862
WA1SEY	A 87	Mark Allen	6826 - 16th NE	Seattle, Wa. 98115	526-8852
WBOSNK	6 87	Randall Evans	22209 - 122nd SE	Kent, Wa. 98031	630-4200
W7SRZ	A 87	Chuck Northcutt	353 S. 116th	Seattle, Wa. 98168	243-6432
WI7T	E 87	Larry Crowley	13707 S.E. 18th	Bellevue, Wa. 98005	746-2513
WA7TAI	A 74	Gene Jacobson	7334 - 126th NE	Kirkland, Wa. 98033	822-3931
WB7TBR	6 85	Victor Zumbrunnen	22032 8th Ave. South	Des Moines, wa. 98198	824-2098
KA7TGL	T 87	Carolyn Pasquier	P.O. Box 237	Kirkland, Wa. 98083	827-4977
W7TWU	6 87	Dick Keller	933 SW Austin	Seattle, Wa. 98106	762-4459
WA7UEW	T 73	Dick Lundstrom	34022 - 43rd S.	Auburn, Wa. 98001	838-9559
WA7UJR	A 87	Charles Hewson	10904 SE 236 Pl. #J-206	Kent, Wa. 98031	859-1860
KE7UU	A 87	Thomas Barrett	108 N. 57th	Seattle, Wa. 98103	782-8067
WA7UVJ	E 85	Michael Dinkelmann	637 -2nd South	Kent, Wa. 98032	854-4031
AI7V	E 87	Dick Davis	3544 Stratford Ct.	Kent, Wa. 98032	852-0731
WA7VEB	6 75	Bob Losey	3425 S. 176th, #132	Seattle, Wa. 98188	431-8540
WA7VEH	87	William Bingham	11605 SE 45th Pl.	Bellevue, Wa. 98006	746-6024
W7VIH	E 79	Pat Shinnars	534 N. 78th	Seattle, Wa. 98103	782-6978
WB7VJA	6 79	Patti Sutton	3516 SW 343rd	Federal Way, Wa. 98023	927-7088
WB7WGB	N 87	Charles Dill	5924 - 138th Pl. SE	Everett, Wa. 98208	337-9416
WA7WKT	T 74	Arnie Skoog	30617 - 2nd SW	Federal Way, Wa. 98003	839-2501
WB7WNF	T 79	Raleigh Elkins	13506 Ceder Ct. East	Sumner, Wa. 98390	897-8090
K7WTE	6 70	Pete Hedberg	20904 NE 77th	Redmond, Wa. 98053	868-1563
KA7WYK	T 87	Phil Kester	16118 - 195th Pl. NE	Woodinville, Wa. 98072	788-5884
NF7X	E 86	Jerry Logan	226 - 77th Pl. SW	Everett, Wa. 98023	
NOYC	E 87	Ted Boessenroth	1912 Edmonds Dr.	Renton, Wa. 98055	255-7721
KA7YDG	N 87	Kim Jennison	20610 Patterson Rd.	Orting, Wa. 98360	893-2648
K7YR	E 72	Ken Rau	5430 Lake Alice Rd. SE	Fall City, Wa. 98024	222-7711
K7YZZ	A 87	Louis Hutton	12235 SE 62nd	Bellevue, Wa. 98006	746-1251
NU7Z	E 85	Rick Beatty	23115 - 84th West	Edmonds, Wa. 98020	775-9156
W7ZLW	A 78	Vern Nelson	16812 NE 107th	Redmond, Wa. 98052	882-2907
KA7ZOW	N 87	Kathy Kester	16118 - 195th Pl. NE	Woodinville, Wa. 98072	788-5884
KB7ZS	A 80	Jack Burrell	2432 - 138th SE	Bellevue, Wa. 98005	746-4176
KA7ZWN	T 87	Don Richter	21648 - 105th Pl. SE	Kent, Wa. 98031	852-0498
ZZZ		Ethel Brown	2200 Southwest Barton	Seattle, Wa. 98126	
ZZZ *	74	Bianca Becker	21112 NE 60th Place	Redmond, Wa. 98052	868-7915

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