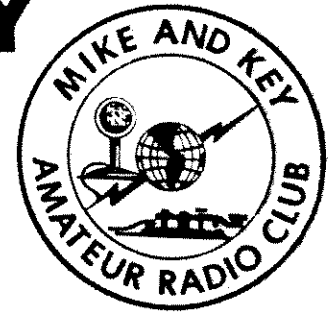
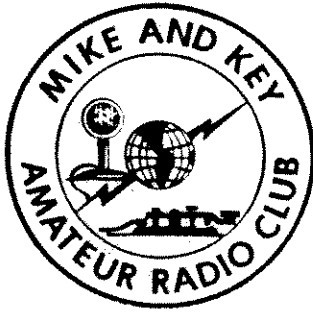


K7LED RELAY



The K7LED RELAY is the Official Publication of the MIKE and KEY AMATEUR RADIO CLUB, P.O. Box 2121, Kirkland, WA 98083-2121. The club meets the third Saturday of each month at 9:30 AM in "The Good Neighbor Center", 305 S. 43rd St., Renton, WA. All "HAMs" invited. The Mike & Key Net meets each Monday evening at 1930 hrs on 224.12MHz. Your checkin is welcome.

AN ARRL AFFILIATED CLUB LOCATED NEAR SEATTLE, WASHINGTON.

VOLUME 16

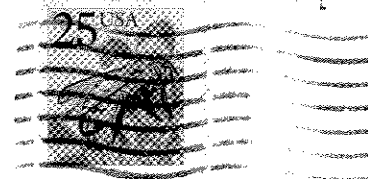
NOVEMBER 1988

NUMBER 10

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19415 SE 21st St.
Issaquah, Wa 98027

RELAY DEADLINE NOVEMBER 8



First Class

REPEATER FREQUENCY
 52.05 - 53.05
 146.22 - 146.65
 214.12

BOARD MEETING

FIRST TUESDAY
OF EACH MONTH

CLUB MEETS:

15 OCTOBER 1988

UGN CENTER
RENTON 10:00

HEDBERG, PETE K7WTG
20904 NE 77TH ST
REDMOND
WA 98053

BREAKFAST @730

@ MITZEL'S

KENT

COFFEE AND DONUTS WILL BE READY AT 9:30

MIKE AND KEY AMATEUR RADIO CLUB MEETING
September 17, 1988

The meeting was called to order at 10:00 a.m. by NU7Z

Pledge

NU7Z welcomed the group. He reminded all about the food drive and also the collection of newspapers.

Visitors introduced themselves.

WB7TBR gave out awards and membership certificates. The new applicants, KE7WB, KB7CLF, and N7LHG, told about themselves briefly before being sent out for the vote. They were all voted in unanimously.

KB7ZS gave the Treasurer's Report for WA7EBH.

K7YR gave the repeater report. The 2 meter and 220 link is okay. He has one more control function to complete and the repeater will be up on the hill in two weeks if all goes well.

W7JWJ won a code speed championship at 76 wpm.

K7PHZ handed out a ballot for the time and date of the net. It was explained that the majority would rule with no exceptions. The results of the voting put the net at 7:30 p.m. on Wednesdays.

W7DK (Tacoma) outdid the K7LED club in the competition at field day. They won the challenge and the plaque will go to them this year.

The Christmas party will be held December 3 at the Eagles in Ballard. It will be potluck with a bartender.

The awards banquet will be held April 1 at the Ballard Eagles.

At the last Board Meeting, the Board moved to recommend to the general membership to give \$50 to the ARRL Headquarters upgrade fund drive. WA7YFH moved, N7KWZ seconded, we donate \$50 to the ARRL fund drive. The motion passed.

W7JWJ gave the program. He showed a video made of Field Day. What an excellent job!!

W7TWU gave the ATV report. He indicated the TV Guide gave a 2.5 page article on Amateur Radio. The news recently has included several clips on amateurs helping with news during the recent hurricane. It was suggested we put together and complete a survey to know who can help with special projects. It was a bit difficult to get names of hams that were available to talk to the news media.

ATV also had a successful booth in at the Youth Seminar at the ARRL Convention in Portland.

K6DOW gave the Public Service Report and outlined the upcoming events.

A net is being put together for Public Service for the King County Area. They will use the club repeater and will start in about one month. It will be a completely separate net from our club net.

W7EKH reported Mike and Keyer kits are available.

Elections are coming up. Plan Ahead!!!

KB7ZS reported on Field Day information. The barracks will be assigned on October 1 and we will have the first option.

K200LED Bicentennial Celebration is coming up. The sweepstakes are also involved during part of the same time. Check your calendar. Sign up at the next club meeting.

A new policy is being implemented. At club meetings, everyone must wear a name badge with their call letters. If caught without a name badge, a fine of 25¢ will be charged. This policy will start at the October meeting.

The raffle was conducted by K7PHZ.

The meeting was adjourned at 11:28 by NU7Z.

Submitted by N7JPN.
bj06/wp

Make up a mathematical formula in which the answer is 100, but use only 7's to make up the formula.

Answer elsewhere in the RELAY.

A.R.E.S. SEPT REPORT

Wednesday, August 31, 1988 was a Black day for Seattle residents. Black as in BLACKOUT! A fifty-block area in the heart of downtown Seattle lost all electrical power as a result of fire in an underground electrical vault. Police and fire patrols were substantially increased for the duration of the blackout period.

Ham radio operators quickly responded to the emergency, with the approval of the King County Department of Emergency Management.

Concern was voiced about the needs of residents in a 14 story retirement home, known to be without power, water, or telephone service.

Using handheld radios, ham operators patrolled the 14 floors, checking for medical emergencies, food and water requests, and keys for persons locked out of their rooms. Messages were also passed telling residents that family members were on hand to take them to other shelter. Medical aid was called for one elderly person who was running short on oxygen.

Even though the electrical emergency lasted for more than three days, several buildings were soon working again using emergency generators. The retirement home had temporary power within 14 hours of the blackout.

Knowing that the elderly residents of the retirement home were once again safe and secure, the ham radio operators of King County stowed their gear away and returned home to prepare for the next disaster.

(Submitted by Duane Vincent KA7JEX)

Your local scribe has been out of town for a few weeks so we have a guest author this month. Things seem to have been relatively quiet during my absence. And yes, California is still there as big and bawdy as ever.

de Paul N7DIP

IT'S UP TO YOU!!!!

For the second time in a year I have come across a spouse of a Silent Key who has been left holding the bag!! Very sad but true. All because someone was very selfish or not thinking or just "put it off" till too late.

Obviously you are insured with the ARRL Ham Equipment program, so most of the work is already done. For \$1.25 for \$100.00 worth of gear, you are insured far better than any "Homeowners Policy" or other insurance programs. So you need only to take this inventory that you have prepared for the insurance policy, and make sure that your spouse, or someone in your confidence, knows where the list is, where the equipment is, and above all, what it is worth.

The latest incident I ran across was a ham who had several hundred bucks in a bunch of new Kenwood equipment, used it a few weeks, and then came up a silent key. His wife was left with all this "stuff" and did not know a thing about cost, resale value, or even age. Some smart ham moved in to "help" her, and made off with the whole pile worth many times more than he paid the widow for the gear! THIS COULD HAPPEN TO YOU!!!

You ain't gonna live forever, and that's a fact. So NOW IS THE TIME FOR ALL GOOD HAMS TO PREPARE A VALID AND CURRENT INVENTORY OF EQUIPMENT.

It's not hard. Just list the piece of gear by name, serial number, model, when purchased, acquisition cost, any manuals, spare parts for it and where located. Then if someone is trying to settle up your estate, they have some idea about the "stuff" you have stashed away. Otherwise, all those goodies end up in someones hands and deprives your family of their rightful property. Think about it--that Kenworth truck might just have your name on his bumper and then what good is all that gear to you or another person if they don't know a thing about that "stuff" in the backroom? W7JIE

K200LED

Yup!, its finally here, the Mike & Key entry into the Constitution Celebration. Beginning November 5, at 00012 and ending at 2359Z November 11. club members will have the opportunity to hand this call out to possibly thosands of rabid '200' call seekers. The only time already reserved out is the 30 hours of the CW Sweepstakes Contest. (Nov.5 2100Z-Nov.7 0300Z)

There are some conditions!! First, reserve your block of time with K7ND. He will get you a copy of the Club License and note your times and location. Only one location may be used at a time, but you may operate several transmitters from that site. Sounds like a good reason for a get-together.

All modes are legal but only if you are licensed to operate that mode and the particular frequency you chose. Remember to keep careful logs as many QSL cards will be requested and recieved. People are counting on us for accuracy.

This is a fun event, sorta like being at the other end of a pileup. Make some plans and CQ de K200LED.

SOLAR FLUX

You can get lots of information off these packet bulletin boards including ARRL propagation reports.

Guess that solar flux is going out the roof!! Sure it dips at times, but then redoubles its efforts. You are not going to want to miss the action on the HF bands or you will certainly regret it during the next minimum. Cycle 22 is going for the record books.

So, put down the HT. (after all there is more in the world then the 2 meter gossip column) and do some real radio, maybe even some (don't say it!!) CW!!!! -UVJ

ANSWER TO 7's PROBLEM:

777-77 = 100
7

MIKE & KEYER

I got the proofs from the ARRL Handbook regarding the Mike & Keyer construction article. Looks good! About 6 pages long, it tell you every thing there is to know about building the keyer. Hopefully it will give K7LED a little promotion too. (the call comes out very well in photographs)

The Handbook will not be out until early December, but I will have copies for review available if I can make the Club meeting.

-UVJ

"MIKE & KEYER"

When WA7UVJ came up with the "Mike & Keyer" there were a lot of members that were interested. I just wonder if this interest went by the wayside. If those of you that signed up for a "keyer" have lost interest and are not going to buy a "keyer" please let me know. The price is still the same. I'll have a few at the next meeting for those who are still interested.

73 Ray WA7EKH

NOVICE CLASSES

Well, we have a new bunch of bright applicants going for Novice at Highline Community College. A total of 13 people have signed up and all seem enthusiastic. (until we started the code)

All kidding aside, we hope all these people will enter into our fine hobby before Thanksgiving. Feel welcome to drop by and look in sometime. We meet every Thursday, 7-9PM. Building 22, Room 206

A note of interest, we will be giving a regular VE session during the last class session so some of these people can try for Technician. There are LIMITED openings for others to sign up to take other license exams. This session will be November 17 at 7PM, Highline CC. See Jim, K7ND if interested. -WA7UVJ

OF GREAT INTEREST

Interest For One Day on \$1,000,000

◆ Rate . . . Interest ◆ Rate . . . Interest ◆ Rate . . . Interest ◆

1.00	27.39	6%	188.25	13½	369.86
1¼	30.82	7.00	191.78	13¾	376.71
1½	34.24	7½	195.20	14.00	383.56
1¾	37.67	7¼	198.63	14¼	390.41
1½	41.09	7¾	202.05	14½	397.26
1¾	44.52	7½	205.47	14¾	404.11
1¾	47.94	7¾	208.90	15.00	410.95
1¾	51.37	7¾	212.32	15¼	417.80
2.00	54.79	7¾	215.75	15½	424.65
2½	58.21	8.00	219.17	15¾	431.50
2¼	61.64	8¼	222.60	16.00	438.35
2½	65.06	8¼	226.02	16¼	445.20
2½	68.49	8¾	229.45	16½	452.05
2½	71.91	8½	232.87	16¾	458.90
2½	75.34	8¾	236.30	17.00	465.75
2¾	78.76	8¾	239.72	17¼	472.60
3.00	82.19	8¾	243.15	17½	479.45
3¼	85.61	9.00	246.57	17¾	486.30
3¼	89.04	9¼	250.00	18.00	493.15
3¼	92.46	9¼	253.42	18¼	500.00
3¼	95.89	9¾	256.84	18½	506.84
3¼	99.31	9¾	260.27	18¾	513.69
3¼	102.74	9¾	263.69	19.00	520.54
3¼	106.16	9¾	267.12	19¼	527.39
4.00	109.58	9¾	270.54	19½	534.24
4¼	113.01	10.00	273.97	19¾	541.09
4¼	116.43	10¼	277.39	20.00	547.94
4¼	119.86	10¼	280.82	20¼	554.79
4¼	123.28	10¾	284.24	20½	561.64
4¼	126.71	10½	287.67	20¾	568.49
4¼	130.13	10¾	291.09	21.00	575.34
4¼	133.56	10¾	294.52	21¼	582.19
5.00	136.98	10¾	297.94	21½	589.04
5¼	140.41	11.00	301.37	21¾	595.89
5¼	143.83	11¼	304.79	22.00	602.74
5¼	147.26	11¼	308.21	22¼	609.58
5¼	150.68	11¾	311.64	22½	616.43
5¼	154.10	11½	315.06	22¾	623.28
5¼	157.53	11¾	318.49	23.00	630.13
5¼	160.95	11¾	321.91	23¼	636.98
6.00	164.38	11¾	325.34	23½	643.83
6¼	167.80	12.00	328.76	23¾	650.68
6¼	171.23	12¼	332.19	24.00	657.53
6¼	174.65	12½	335.61	24¼	664.38
6¼	178.08	12¾	339.04	24½	671.23
6¼	181.50	13.00	342.47	24¾	678.08
6¼	184.93	13¼	345.90	25.00	684.93

There was this guy who, on a dark and stormy night when the bands were dead, came up with a nice puzzle. See if you can figure out what Mr. Fibonacci had in mind when he developed this series of numbers. What is the relationship of the numbers to one another?

1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, etc. etc.

Answer elsewhere in the RELAY.

Date: 09/17/88 Loc:

Element	Pass	Fail	Tot
1A (5wpm)	01	01	02
1B (13wpm)	00	00	00
1C (20wpm)	00	00	00
2 (Novice)	02	00	02
3A (Tech)	01	00	01
3B (Gen)	01	00	01
4A (Advan)	02	00	02
4B (Extra)	00	00	00
Totals	07	01	08

Pass Percentage

1A (5wpm)	50%
1B (13wpm)	00%
1C (20wpm)	00%
2 (Novice)	100%
3A (Tech)	100%
3B (Gen)	00%
4A (Advan)	100%
4B (Extra)	00%
87% Total	

Total Upgrades: 4
 Total Failures: 1
 Total Applicants: 5
 Percent Upgrade: 80%

If you are an Extra Class Licensee and interested in becoming a UE, see myself or Jim, K7ND for an application form. It's a lot of fun!
 Mike - WA7UWJ

FROM
 WORLD RADIO

BE SAFE.....ATTEND CLUB MEETINGS

DO NOT ride in an automobile: they cause 20% of all fatal accidents.
 DO NOT stay at home because 17% of all accidents happen in the home.
 DO NOT walk around on the street: 14% of all accidents happen to pedestrians.
 DO NOT travel by air: 16% of all accidents are the result of these activities.
 ONLY .001% of all accidents occur at Amateur Radio Club meetings.

Obviously the safest place to be on meeting night of each month is at the radio club meeting. Be sure to attend all club meetings and avoid dangers set forth above.

Arrowhead RAC, Duluth, Mn.

EXTENSION GRANTED IN PART 97 REWRITE

The FCC announced that it has granted the ARRL's request for a 90-day extension of time for filing comments in Docket 88-139, the FCC proposal to rewrite the amateur rules (Part 97). Comments are now due November 29, 1988, and reply comments due by January 31, 1989. Copies of the FCC proposal are available from the Regulatory Information Branch at HQ upon receipt of a large SASE with 85 cents postage.

The ARRL committee studying this proposal met in late August to make a detailed comparison between the present rules and the proposed rewrite. The committee will meet September 30, so there's still time--but not much--to help with the ARRL's response. Send comments to ARRL HQ, attention Lisa Clark. For background on this important FCC proposal, see June QST, p. 53 and July QST, p. 61. Your ARRL Director (see p. 8) will also want the benefit of your input.

ARRL "LAUNCHES" NEW PUBLICATION

The ARRL's new *Satellite Anthology* book is now available. This publication is the collected "best" of the Amateur Satellite News column, as well as articles from 31 issues of *QST* written by experts in the field.

You'll find the latest information on OSCARS 9 through 13 as well as the RS satellites. Operation on Phase 3 satellites (OSCAR 10 and OSCAR 13) is covered in detail. A previously unpublished article gives a profile of the UoSAT OSCAR-11 satellite, and the popular four-part series, "Adventures in Satellite DXing," and "Working OSCAR-the Basics," are also included.

Timely information appears on the use of digital modes, tracking, antennas, RUDAK, microcomputer processing of telemetry, and where to find additional OSCAR information. The price of *Satellite Anthology* is \$5 (plus \$2.50 shipping if ordered from HQ).

ARRL SET SCHEDULED FOR OCTOBER

The 1988 ARRL Simulated Emergency Test (SET) is scheduled between September 1 and November 30, 1988. The weekend of focus, however, is October 15-16. SET is an important exercise that will give the Amateur Radio Emergency Service (ARES) a chance to practice communication skills under simulated emergency situations.

TEMPORARY THIRD-PARTY AGREEMENT WITH KOREA

The FCC has okayed a temporary third-party traffic agreement with 6K24SO, the special event station at the Olympic Games in Korea, until 2400 UTC October 5. The agreement began September 1. US amateurs may handle message traffic with 6K24SO during that period.

CONTEST CERTIFICATE WINNERS

Any multioperator stations that win a certificate in any ARRL contest may get individual certificates for each of their operators. Simply request them from the Contest Branch at HQ with all pertinent details.

RECIPROCAL REMINDER

This is a reminder that a recently-enacted FCC rule change provides that foreign amateurs operating in the US with reciprocal permits must identify by sending the US prefix **first** followed by the slant bar or "slash" and their call sign (e.g. W1/4X1LL). On phone it would be the words "slant" or "stroke." This new FCC rule took effect July 18.

The exception is Canadian hams operating in the US where, due to treaty constraints, station identification remains as it has been in the past: Canadian call sign followed by the US prefix (e.g., VE2BE/W1).

FOR SALE

IC-04AT
WALL CHARGER
EXTRA S/B AEA ANTENNA
\$250.00/OFFER

Call Jack, KB7ZS

PACKET FEVER

With the 'ol repeater down lately, I decided to have some FUN on 2 meters. I discovered the growing world of packet.

Packet has interested me in the past but my resources didn't allow for the purchase of a INC. Well, Ben Bennett (N7IUM) obtained a copy of a public domain program called 'DigiCom'. There is a version for both the Commodore 64 and 128. All that's required is a simple 'build-it-yourself' modem. I scrapped one together for about \$30 in new parts plus liberal raiding of the junkbox.

Simply put, IT WORKS, and pretty well too. I was surprised. Now, I probably will not become a Packet Demon but it sure is nice to pull down some info off those near bulletin boards.

So, got an extra C64 lying around unused? An evening or two of easy construction will open up a new world. See Ben, for details.

BRING NEWSPAPERS

We, the Club, need a member to commit him/herself to the task of collecting the newspapers each meeting and selling them to whomever is paying the highest price. This individual needs to attend each meeting or make arrangements for his or her alternate to be there.

The newspapers last year brought in about \$300.00. This year the amount collected has not been announced, however, that doesn't stop the newspaper project.

As you should know, this money goes for the Ladies prizes at the annual awards banquet that is held around the first of April each year. So lets support this newspaper collection with all our enthusiasm. Aluminum cans are also collected.

Ask Norm, N7KWZ, how many "Skeets" it takes to make a "scooter".

Observed this sign the otherday. I think it was down in Oregon.



The Cover of the latest CQ magazine shows two former M&K members. Phil Kester, NW72 and Kathy Kester, KA7ZOW with their two children who are now Novices. CQ indicated they are from Woodinville, Ca. but we know they are from Wa.

Look for the next cover of CQ to be of WA7TAI, Gene Jacobson. Gene knew he would make the cover but just didn't know when.

The Club's turn in the "Centennial" with the call of K200LED will be coming up the first part of November. You can do your part in this event by operating your station with this call. Coordinate with K7ND Jim Christensen for the operating schedule. We need all the help we can get on this as it is for only one week.

WE NEED MORE FOOD

There was a food drive goal set of 1000 pound that was to be collected for distribution to the Boys Home this year. That goal is far from being realized.

This drive started out real well the first part of the year and has just faded away so to speak. So it is time that we "stir the pot" and get things back on the right track. Just because you eat well doesn't mean that others do the same.

Now is your big chance, round up a few cans of food, a few boxes of cereal, a few bags of some other goodies that will help in our food drive. Bring it all to the October Club meeting and the person in charge will do the rest.

BRING FOOD TO THIS CLUB MEETING

I got invited to go to Tacoma last Thursday with some of the Club members to help present the "Field Day" plaque to the Tacoma Radio Club. Most Everyone and their XYL's (five guys and three Ladies) met at a Fish and Chips place near the Sea-Tac mall and had dinner.

Then off towards Tacoma we go!! About three miles out a call was initiated to obtain directions how to get to the Lakewood Library where the meeting was to take place. We got the directions alright and also the information that the meeting was last Thursday or would be the next Thursday.

Guess Jim won't live that one down for a while.--That's OK. Jim we understand--better luck next time.

ANSWER TO FIBONACCI PUZZLE:

Each number is the sum of the two previous numbers.

1988 CQ WORLDWIDE SSB DX CONTEST



P40V

September 15, 1988

Dear Radio Club President:

The sunspots are climbing and we need your club's help to try and best the ALL-TIME WORLD RECORD in the CQ worldwide contest on October 29 - 30, 1988. If you could read this at your next meeting and/or include the information in your bulletin, we would be grateful.

"A group of 17 contest veterans led by AI6V will attempt to break the world record this year in the CQ worldwide DX contest. They will be on expedition to Aruba (a new separate country), formerly part of the Netherlands Antilles, and will use the call P40V for the October 29-30, 48-hour event. As incentive for amateurs to work them, P40V is offering A FREE, HANDSOME CERTIFICATE to those who work them on at least four bands! They will be active all bands 160 - 10 simultaneously and listening especially for those who are trying to earn the certificate. The certificates will automatically be sent out in November 1988 to winners.

The group has also promised to QSL EVERY contact immediately after the event. To break the current world record, the P40V team must work at least 18,000 QSO's! That's a lot of contacts and your club members will be an important part of the record attempt.

73 and see you on the bands,

ARIBA ARUBA!!



Carl Cook P40V, AI6V

P.S. RTTY, Packet and 6 meters will be activated immediately after October 30th for those interested."

MIKE & KEY ROSTER 21 AUG 88

CALL	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	JOINED	DUES PAID TO
*****	BROWN, ETHEL	1010 SW 134TH RM 58 ELDRADO WEST	SEATTLE	WA	98146		70/10	LIFE
*N7AWW	DAVIS, ERNIE	4209 SE 101ST AVE	PORTLAND	OR	97266	503-760-2130	73/12	88/12
*N7HMW	EVANS, JOHN	30704 VEAZIE-CUMBERLAND DR SE	ENUMCLAW	WA	98022	825-1276	86/01	89/01
*N7JNC	HARSTON, CATHERN	1989 LORAIN ST	ENUMCLAW	WA	98022	825-3032	87/12	88/12
*N7JWX	HARSTON, RAY	1989 LORAIN ST	ENUMCLAW	WA	98022	825-3032	87/12	88/12
*W7BUN	SELIGMAN, JERRY	12306 80TH AVE E	PUYALLUP	WA	98373	845-7652	79/03	89/03
*WA7GHZ	CORNELL, RALPH	21211 4TH AVE SO	SEATTLE	WA	98148	878-8119	72/09	89/01
*WA7HWX	HEDBERG, JAN	17720 NORTH PARK PL.N.	SEATTLE	WA	98133	542-8975	85/04	89/04
*WA70XN	McGAHUEY, BOB	14840 74TH PL NE	BOTHELL	WA	98011	488-7641	80/05	89/05
A17V	DAVIS, RICHARD A	3544 STRATTFORDT	KENT	WA	98032		87/10	88/10
K0WZA	LaFAVOR, DONALD J	P.O. BOX 94128	SEATTLE	WA	98124	248-2437	88/07	89/07
K6DOW	MODDISON, H WAYNE	16646 SE 134TH ST	RENTON	WA	98056	271-5314	85/02	89/02
K6PQJ	YERKES, ROBERT	P.O. BOX 853	NORTH BEND	WA	98045	888-3420	86/07	89/07
K7K0T	TILLET, STEVE	1642 BROWNS PT BLVD	TACOMA	WA	98422	927-5456	70/10	89/01
K7MBP	NIXON, WARREN	26900 AVON COURT	KENT	WA	98032	854-9000	84/02	89/02
K7ND	CHEISTIANSEN, JIM M.	P.O. Box 147	FOX ISLAND	WA	98336	265-3481	70/10	89/07
K7PFR	BECKER, JOHN	8501 WILLOWS RD #092	REDMOND	WA	98052		71/12	89/01
K7PHZ	CARPENTER, JIM	2125 ELM SE	AUBURN	WA	98002	833-9017	71/03	89/03
K7PZY	JACKSON, KEN	18944 33RD AVE SO	SEATTLE	WA	98188	246-7354	70/10	88/09
K7Q0I	ELDER, JIMMIE S.	7579 S LAUREL ST.	SEATTLE	WA	98178		86/11	89/11
K7QMT	SCHNEEBECK, TIM	4500 BROOKLYN AVE NE #103	SEATTLE	WA	98105	547-0404	77/04	89/04
K7VTS	HEDBERG, PETE	20904 NE 77TH ST	REDMOND	WA	98053	866-1563	70/10	89/01
K7YR	RAU, KEN	5450 LAKE ALICE RD SE	FALL CITY	WA	98024	222-7711	72/12	89/01
K7Y22	HUTTON, LOUIS I.	12235L SE 62ND ST	BELLEVUE	WA	98006		87/10	88/10
K7Y22	WERTS, DON	14906 SE 138TH PL	RENTON	WA	98056	228-1000	87/06	89/06
K7Y0Y	KINSINGER, BILL	19811 SE 370TH PL	AUBURN	WA	98002	833-7778	82/06	89/06
K7Y0E	HANSOW, MICHAEL	1412 LY YOUNG WY SE #	RENTON	WA	98056	255-7137	87/06	89/06
K7YHY	VYBORNY, FRANK	5767 S EDDY SE	SEATTLE	WA	98115	723-4475	87/12	88/12
K7Y0G	RICHARDS, MARK J.	2411 S 116TH WAY	SEATTLE	WA	98186	246-1501	87/08	88/08
K7Y0G	KRIEGER, FRANK	3417 S 166TH ST.	SEATTLE	WA	98186	243-9232	86/06	89/06
K7Y5RA	ARCHER, DAVID	7827 018TH BV APT 51	EDMONDS	WA	98020	672-2425	86/04	89/04
K7Y5EH	PHELAN, TOM	16460 51ST AVE SO	SEATTLE	WA	98188	243-5060	84/04	89/04
K7Y7GL	PASQUIER, CAROLYN	PO BOX 057	KIRKLAND	WA	98033	827-4977	87/04	89/04
K7Y5EA	FULLER, JOHN	405 S 164TH ST	SEATTLE	WA	98148	244-4131	86/02	89/02
K7Y7DG	JENNISON, KIMBERLY	P.O. BOX 324	ORTING	WA	98360	893-2648	87/09	88/09
K7Y7PC	REGAN, GLENN	2500 394TH ST #317	FEDERAL WAY	WA	98003	838-1653	86/03	89/03
K7Y2WN	RICHTER, DON	21648 105TH PL SE	KENT	WA	98031	852-0498	87/07	90/01
KB7AFS	AYENGAR, PRAHLAD K. N.	2518 NE 95TH ST	SEATTLE	WA	98115		87/10	88/10
KB7A10	VAN TUYL, JOYCE	P.O. BOX 23	PACIFIC	WA	98047	939-8075	87/05	89/05
KB7BRH	WALTOSZ, JIM	12021 148TH AVE SE	RENTON	WA	98056	271-1327	87/08	88/08
KB7ERT	EVANS, EDITH I.	1841 McHUGH AVE	ENUMCLAW	WA	98022	825-2560	87/08	88/08
KB7RTN	NORTHCUTT, MARK	353 S 116TH	SEATTLE	WA	98188	242-6640	87/06	89/06
KB7EVL	PASQUIRE, ADRIAN	12919 NE 76TH	KIRKLAND	WA	98033	867-0209	88/04	89/04
KB7CLG	SWINEY, EARL	7206 S 116TH ST	SEATTLE	WA	98178	772-6301	88/04	89/04
KE7CFI	HART, DONALD	1520 HARRINGTON AVE NE	RENTON	WA	98056	255-9532	86/03	89/03
KE7ERE	CUSSON, MIKE	15918 81ST PL NE	BOTHELL	WA	98011	488-2518	88/05	89/05
KE7ERF	EVERETT, CHARLES R	31203 MILITARY RD.	AUBURN	WA	98001	839-0578	88/05	89/05
KB7FHJ	PAUZA, DARLENE F	13250 AURORA AVE N	SEATTLE	WA	98133	542-6446	88/07	89/07
KB7LM	RULIFSON, BOB	14232 SE 23RD	BELLEVUE	WA	98007	746-5192	77/12	88/12
172S	BURRELL, JACK	108 130TH PL NE	BELLEVUE	WA	98005	454-2353	80/09	90/09
K07NM	DONNELL, BOB	P.O. BOX 45645	SEATTLE	WA	98145	691-2111	80/01	89/01
KE7ER	DUNN, FLOYD L.	26151 195TH PL SE	KENT	WA	98042		87/01	89/01
KE70I	WRADESTAD, JAMES	7617 140TH ST CT E	PUYALLUP	WA	98373	531-5499	87/10	88/10
KL7EB	RALZAPINI, BILL	1518 S PEARL ST	SEATTLE	WA	98108	825-0736	86/02	89/02

MIKE & KEY ROSTER 21 AUG 88

CALL	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	JOINED	DUES PAID TO
K57F	SMITH, WAYNE	11874 SE 181ST ST	RENTON	WA	98055	226-8576	87/09	88/09
N0YC	BOESSENROTH, TED	1912 EDMONDS DR	RENTON	WA	98055	255-7721	87/11	88/11
N7AMX	de JONG, KARL	20903 NE 77TH ST	REDMOND	WA	98053	868-0457	78/06	89/06
N7AVO	de JONG, DEBORAH	20903 NE 77TH ST	REDMOND	WA	98053	868-0457	79/01	89/01
N7BNJ	PRICE, LAWRENCE J.	10412 36TH ST E	PUYALLUP	WA	98372	841-7465	87/08	89/08
N7CKD	PETERSON, DENNIS	4248 A ST SE #609	AUBURN	WA	98002	833-7243	87/11	88/11
N7DIP	GILMORE, PAUL	1402 SW 152ND ST	SEATTLE	WA	98166	244-3001	88/03	89/03
N7DOH	ROTH, PAUL	4657 123RD SE	BELLEVUE	WA	98006	643-9419	87/06	88/06
N7ELW	BOONE, JOHN M. SR	1917 GIBSON RD	EVERETT	WA	98204	771-4369	88/06	89/06
N7GVX	BOSWELL, FLOYD	12137 SE 276TH CT	KENT	WA	98031	631-9394	84/06	89/06
N7HKL	VAN TUYL, TED C.	P.O. BOX 23	PACIFIC	WA	98047	939-8875	86/09	88/09
N7IL	LEE, IVAN	15631 12TH AVE S	SEATTLE	WA	98148	242-6501	87/03	90/03
N7IVM	BENNETT, BEN E.	625 109th AVE SE	BELLEVUE	WA	98004	451-9096	86/01	90/01
N7JHI	EVANS, THOMAS R.	6211 35TH WAY SE	AUBURN	WA	98002	735-1624	87/08	88/08
N7JNF	HARSTON, GLEN B.	26860 SE 411 ST	ENUMCLAW	WA	98022	825-1870	87/04	89/04
N7JPN	SHEPWOOD, BETH	3928 21ST AVE SE #A	LACEY	WA	98503	456-6676	87/04	89/04
N7JPW	STROEHER, JOYCE	19415 SE 21ST	ISSAQUAH	WA	98027	392-5303	87/01	89/01
N7JWH	JOHNSON, CHARLES	2314 SAHALBE DRIVE E	REDMOND	WA	98053	868-4546	88/02	89/02
N7JWV	CROWELL, GARY	2815 53RD ST SE	AUBURN	WA	98002	863-0636	87/09	89/09
N7KVH	GILCHRIST, TOM	1411 GRANT AVE S #G204	RENTON	WA	98005	226-3708	88/03	89/03
N7KW2	AHERNS, NORMAN R.	5405 S 305TH ST	AUBURN	WA	98001	838-0521	87/12	88/12
N7NW	GOODELL, HAL R.	P.O. Box 147	FOX ISLAND	WA	98333	927-7603	74/02	89/01
N7PK	MOWRY, RICHARD D	8415 24TH AVE SW	SEATTLE	WA	98106	767-5269	88/07	89/07
N7PX	LOGAN, JERRY L	226 77th PLACE SW	EVERETT	WA	98203		86/11	88/11
N7PZ	BEATTY, RICK N.	23115 84th West	EDMONDS	WA	98020	775-9196	85/12	88/12
NX7N	ANDERSON, ROBERT J.	12009 SE 220 PL	KENT	WA	98031	631-8330	86/11	88/11
W7BQG	HAMER, ELLIS K.	1402 22 NE #310	AUBURN	WA	98002	939-4895	86/09	88/09
W7EVE	WALES, MONTY	27603 W VALLEY HWY	KENT	WA	98032	854-2531	87/03	89/03
W7JIE	GIBSON, M.L.	1215 N 28TH PL	RENTON	WA	98056	226-4222	75/04	89/04
W7JWI	LEWIS, HARRY	10352 SANDPOINT WAY NE	SEATTLE	WA	98125	523-9117	74/02	89/02
W7JWP	LARSON, ARNOLD	15348 72TH AVE NE	BOTHELL	WA	98011	488-7463	84/05	89/05
W7KDX	DIETSCH, DICK	16807 NE 89TH	REDMOND	WA	98052	885-6559	76/10	89/01
W7KOU	WESTBO, LEN	10528 SE 323RD ST	AUBURN	WA	98002	833-4834	84/11	88/11
W7MXY	BRELL, ROY M.	10414 147TH AVE SE	RENTON	WA	98056	235-1986	87/12	88/12
W7PFW	BUTLER, CARL	16831 40TH AVE S	SEATTLE	WA	98188	242-6297	70/10	89/01
W7QCV	KING, HAF	451 145TH PL NE	BELLEVUE	WA	98007	747-0441	84/07	89/07
W7QGF	LEWIS, MARY	10352 SANDPOINT WAY NE	SEATTLE	WA	98125	523-9117	74/02	89/02
W7SEZ	NORTHCUTT, CHUCK	353 S 116TH	SEATTLE	WA	98168	242-6640	87/03	89/03
W7TWU	KELLER, DICK	933 SW AUSTIN	SEATTLE	WA	98106	762-4459	87/03	89/03
W7VIR	SHINNERS, PAT	534 N 78TH	SEATTLE	WA	98103	782-6978	79/04	89/04
W7ZLW	NELSON, VERN	16812 NE 107TH	REDMOND	WA	98052	882-2907	78/03	89/03
W9EFP	MEREDITH, RICHARD	10530 SE 206TH PL	KENT	WA	98031	852-1213	86/02	89/02
WA10NP	McCALLUM, DAVID S	16203 144TH SE	RENTON	WA	98058	255-7167	88/01	89/01
WA1SEY	ALLYN, M.A.	6826 16TH AVE NE	SEATTLE	WA	98115		87/10	88/10
WA7AVC	CADY, GORDON	8216 38TH AVE NE	SEATTLE	WA	98115	527-1387	80/11	89/11
WA7BUY	SAMPONT, GERALD M.	8806 116TH AVE NE	KIRKLAND	WA	98033	827-4480	87/05	89/05
WA7C	WILBRECHT, DON	5211 26TH AVE SE	LACEY	WA	98503		87/05	89/05
WA7EBH	STROEHER, CHARLES A.	19415 SE 21ST	ISSAQUAH	WA	98027	392-5303	70/10	89/01
WA7EJY	BRUSH, ARCHIE	22516 30TH AVE SO	DES MOINES	WA	98198	878-2833	71/01	89/01
WA7EKH	LESLIE, RAY E.	13517 117TH AVE NE	KIRKLAND	WA	98034	821-4186	71/12	89/01
WA7ELI	RAMBO, LEW	11605 NE 150TH PL	BOTHELL	WA	98011	488-9120	71/01	89/07
WA7E	EVANS, RONALD D.	1841 McHUGH AVE	ENUMCLAW	WA	98022	825-2560	87/02	88/02
WA7EMT	MORRIS, JIM	4405 S 166TH ST	SEATTLE	WA	98188	248-4270	87/07	89/07
WA7EUS	DAHL, PETER	1609 S 261ST PL	KENT	WA	98032	839-7717	88/05	89/05
WA7HQS	REHNSTROM, JOHN	9621 9TH NW	SEATTLE	WA	98117	783-2489	71/01	89/01

MIKE & KEY ROSTER 21 AUG 88

CALL	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	JOINED	DUES PAID TO
71MC	WHITING, HERSCHEL L	9820 NE 16TH	BELLEVUE	WA	98004	454-6640	87/06	89/06
WA7KB+	REINBAUGH, DON	20175 45TH NE	SEATTLE	WA	98155	362-9189	74/05	89/01
WA7NIW	RADFORD, DICK	11387 NE 91ST	KIRKLAND	WA	98033	863-9803	72/07	89/01
WA7RJT	GRAZIER, CHUCK	13210 231ST SE	ISSAQUAH	WA	98027	392-3764	72/07	90/01
WA7RJW	HOLT, CHRIS	RT 1 BOX 105-A	MANSON	WA	98831	509-887-9429	74/01	89/01
WA7TAI	JACOBSON, GENE G.	7334 126TH AVE NE	KIRKLAND	WA	98033	822-3931	74/07	89/01
WA7UEW	LUNDSTROM, DICK	34022 43RD S	AUBURN	WA	98001	838-9559	73/01	89/01
WA7UJR	HEWSON, CHARLES	10904 SE 236 PL #J-206	KENT	WA	98031	859-1860	87/11	89/11
WA7UVJ	DINKELMAN, MICHAEL	637 2ND AVE S	KENT	WA	98032	854-4031	85/05	89/05
WA7VEB	LOSEY, BOB	3425 S 176TH #132	SEATTLE	WA	98188	431-8540	75/11	89/01
WA7VEH	BINGHAM, WILLIAM	11605 SE 45TH PL	BELLEVUE	WA	98006	746-6024	87/01	89/01
WA7WKT	SKOOG, ERNIE	30617 2ND AVE SW	FEDERAL WAY	WA	98003	839-2501	74/03	89/01
WA7VEH	KUHLMEIER, THOMAS D.	3828 34TH AVE SW	SEATTLE	WA	98126	932-8846	88/05	89/05
WB0SNK	EVANS, RANDAL S.	22209 120 AVE SE	KENT	WA	98031	630-4200	87/09	88/09
WB7AYU	CROSS, MICHAEL W.	5803 SW HANFORD	SEATTLE	WA	98116	935-2686	75/06	88/06
WB7DXY	HOLT, LINDA	RT 1 BOX 105-A	MANSON	WA	98831	509-687-9429	75/12	89/01
WB7TBF	ZUMBRUNNEN, VICTOR	22000 9TH AVE S	DES MOINES	WA	98198	824-2098	85/02	90/02
WB7VIA	SUTTON, PATI D.	3516 SW 343RD	FEDERAL WAY	WA	98023	927-7088	79/12	88/12
WB7WSE	DILL, CHARLES B.	5924 138TH PL SE	EVERETT	WA	98203	337-9416	87/07	89/07
WB7WNE	ELKINS, RALEIGH O.	13500 CEDAR CT EAST	SUMNER	WA	98390	857-0090	79/10	88/12
WB9JZL	GARDNER, DONALD	PO BOX 69637	SEATTLE	WA	98186	241-5973	88/05	89/05
W17T	CROWLEY, LARRY	13707 SE 18TH ST	BELLEVUE	WA	98005	746-2513	87/02	89/02
WM7A	SUTTON, JIMMY B.	3516 SW 343RD	FEDERAL WAY	WA	98023	927-7088	75/07	89/07
WM7N	WESTON, MATTHEW	10500 NE 30ND PL #126	BELLEVUE	WA	98004	822-1330	85/02	89/02
WM7NXC	JACOB, LES	14300 103RD NE	ROTHELL	WA	99011	821-8530	74/11	89/01

VOTE

NOVEMBER 1988

VOTE

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		1  BOARD MEETING 1930 9TH QF	2  M & K UHF NET 1930 HRS/224.12	3	4	5  SUPPORT THE HUSKIES!!!
6  FREEDOM OF SPEECH	7 →	8  ELECTION DAY VOTE FOR YOUR CANDIDATE - BUT DON'T VOTE TWICE	9  M & K UHF NET 1930 HRS/224.12	10	11  VETERAN'S DAY DON'T FORGET THOSE WHO FOUGHT FOR OUR FREEDOM	12  ELIZABETH CADY STANTON DAY SADIE HAWKINS DAY
13  SUNDAY SCHOOL	14 →	15	16  M & K UHF NET 1930 HRS/224.12	17	18  BRING NEWSPAPERS	19  CLUB MEETING STARTS AT 1000 - COFFEE READY AT 1930-BRING A FRIEND AND NEWSPAPERS
20  TAKE THE WHOLE FAMILY TO CHURCH	21 →	22	23  M & K UHF NET 1930 HRS/224.12	24  THANKSGIVING	25	26  FOOTBALL!!
27  DON'T FORGET TO GO TO CHURCH	28 →	29	30  M & K UHF NET 1930 HRS/224.12			