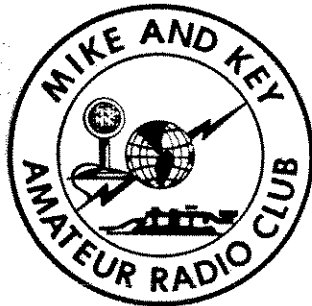


# K7LED RELAY



The K7LED RELAY is the Official Publication of the MIKE and KEY AMATEUR RADIO CLUB, P.O. Box 2121, Kirkland, Wa 98033-2121. The club meets the third Saturday of each month at 9:30 AM in "The Tukwila Community Center", 4101 South 131st. Seattle, Wa. 98168. All "HAMS" invited. The Mike & Key Net meets each Wednesday evening at 1930 hr on 224.12 and 146.82-22 Mhz. The repeaters are linked. Your Check-in is welcome.

AN ARRL AFFILIATED CLUB LOCATED NEAR SEATTLE, WASHINGTON

VOLUME 17

APRIL

1989

NUMBER 4

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454-2353

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

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1412 Lk Youngs Way SE  
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255-7137

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Seattle, Wa. 98201  
782-6978

**VICE PRESIDENT**

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488-2518

**ACTIVITY MANAGER**

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833-8999

**TRUSTEE #5**

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1912 Edmonds Dr  
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255-7721

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Seattle, Wa. 98116  
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**RADIO OFFICER**

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5430 Lake Alice Rd. SE  
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222-7711

**TRUSTEE #3**

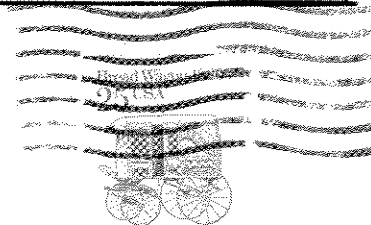
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**EDITOR**

Joyce Stroehrer, N7JPW  
19415 SE 21st St.  
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392-5303

19415 SE 21st St.  
Issaquah, Wa. 98027

RELAY DEADLINE 2 MAY 1989



REPEATER FREQUENCY  
52.05 - 53.05  
146.22 - 146.82  
224.12

First Class

**BOARD MEETS**

FIRST TUESDAY  
OF EACH MONTH

CLUB MEETING  
Third Saturday  
of Each Month  
15 APRIL 1989

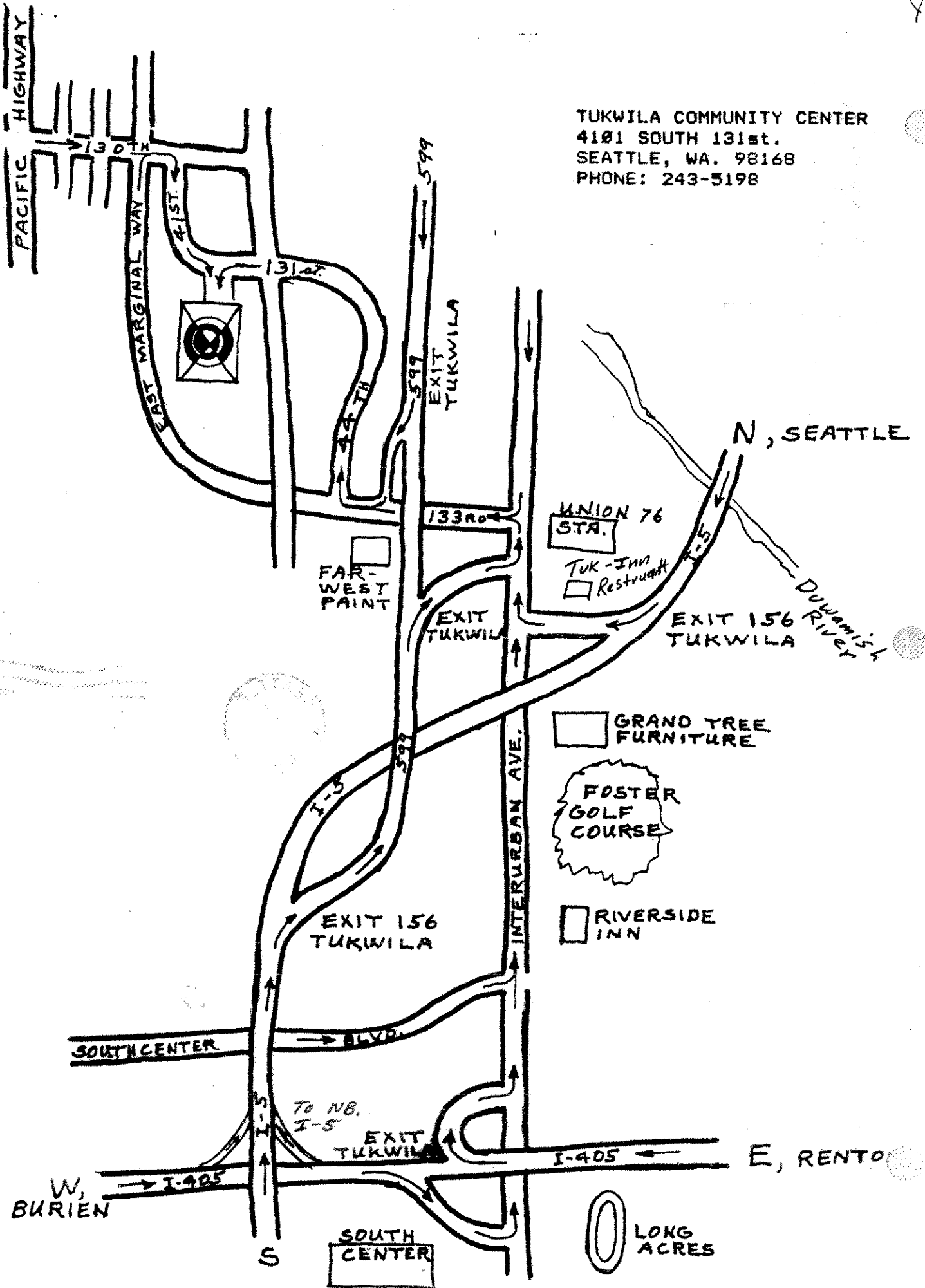
HEDBERG, PETE K7WTG  
20904 NE 77TH ST  
REDMOND  
WA 98053

TUKWILA COMMUNITY CENTER  
4101 South 131st  
Seattle, WA 98168  
Phone 243-5198

BREAKFAST: #730  
AT MITZEL'S IN KENT

COFFEE AND DONUTS WILL BE READY AT 0930

TUKWILA COMMUNITY CENTER  
 4101 SOUTH 131st.  
 SEATTLE, WA. 98168  
 PHONE: 243-5198



PACIFIC HIGHWAY

130TH

EAST MARGINAL WAY

41ST

131ST

44TH

599

EXIT TUKWILA

133RD

FAR-WEST PAINT

EXIT TUKWILA

UNION 76 STA.

Tuk-Inn Restaurant

EXIT 156 TUKWILA

N, SEATTLE

DUWAMISH RIVER

GRAND TREE FURNITURE

FOSTER GOLF COURSE

RIVERSIDE INN

EXIT 156 TUKWILA

INTERURBAN AVE.

SOUTHCENTER BLVD.

To NB. I-5

EXIT TUKWILA

I-405

E, RENTON

W, BURIED

S

SOUTH CENTER

LONG ACRES

MIKE AND KEY AMATEUR RADIO CLUB MEETING  
March 18, 1989

Secretary; WV7R, Activities Manager; KA7CSE, Trustee #1; W7QGP, Trustee #3; NOYC, Trustee #5. K7PZX is still serving his term as Trustee #2 as is W7VIH serving as Trustee #4.

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

Pledge and Welcome

The Awards Banquet will be held April 1 at the Ballard Eagles.

K6DOW gave the Public Service Report.

N7NW reported the jackets are ready to be picked up. They are \$26. More can be ordered. T-shirts can also be ordered for \$7.

NU7Z stated that new members would be voted in after elections.

Badges that have been ordered need to be picked up. See WB7TBR.

WA7EKH has two more keyers. Contact him if you are interested in purchasing one. He also will order more hats if we can get enough orders. They will be ordered in units of 100 or more. Remember to bring food for the food drive. W7VIH is in charge.

Remember to give your newspapers to KA7QHG. Thanks, Frank!

WA7EBH gave the Treasurers Report including the Flea Market information. He also led the discussion on the budget. Amendments were suggested. K7PHZ motioned, W7QGP seconded, to add \$500 to the backup repeater fund to bring it to a total of \$2,000. The motion was passed with one opposed. It was moved and seconded that the budget be approved as amended. The motion was passed unanimously.

Field Day is coming up on June 24 and 25. Get reservations in now.

WA7EBH requested all Flea Market bills be turned in by the end of the month to get them in the current fiscal budget.

NU7Z turned the time over the K7PHZ for elections. The final results of the elections were:

KB7ZS, President; KB7ERE, Vice President; WA7EBH, Treasurer; WB7AYU,

WB7TBR read in the new applicants. Five new members were approved unanimously.

WB7EBH reported beginning April 1, dues will be \$12.

The Tukwila Community Center will be our new meeting location beginning with the April, 1989 meeting. N7JPN will put a sign on the door of the United Good Neighbors building.

A video, "Barry Goldwater on a No Code", was presented by W7SRZ.

The meeting was adjourned at 11:45 by NU7Z.

Following the meeting, guest speaker Mike Lamb, N7ML, from ARRL was introduced for all who wished to stay for a presentation and discussion regarding the topic of "No Code". Submitted by N7JPN.

**FD BAND CHAIRMEN TO MEET**

At the end of the April meeting, (maybe a short break to visit), the Field Day Band Chairmen will meet to discuss matters concerning our annual event.

Chairmen I now list are:

	CW	PH
10 M	?	KA7SEH
15 M	NU7Z	K7YR
20 M	WA7UVJ	K7PHZ
40 M	NU7Z	WA1SEY
75/80 M	WA7UVJ	W7ZLW
160 M	WA7VEB	
Natural Power		WA7TAI
Satellite		WB7AYU
MARS		WA7EKH

ARRL, SM, and other messages have yet to be taken. If you are not willing and/or able to carry out these assignments please let me know.

In addition we will query the club concerning a Ft. Flagler work party. Think about it. Jack, KB7ZS

WELCOME ABOARD

N6CES Frank Perkins 924 217th St.  
S.W., Bothell, WA 98021: Phone 882-  
3905

KF7QF Brian Wood 8706 206th St.  
S.E., Snohomish, WA 98290: Phone  
482-2361

KB7GDG Ken Smith 15402 S.E. 132nd  
St., Renton, WA 98056: Phone 226-  
4899

W7GEY Ward Weiland 12230 Marine  
View Dr. S.W., Seattle, WA 98146:  
Phone 244-1733

N7LYO Randy Davis 1224 S.W. 124th  
St. #204, Seattle, WA 98146: Phone  
241-1825

KB7GEW Claire Laskey 3616 S.W.  
Andover, Seattle, WA 98126: Phone  
935-5547

WB7TOI Joseph Basta 3734 147th  
S.E., Bellevue, WA 98006: Phone  
641-3729

N7HAM Clinton Pozzi 14639 S.E.  
267th, Kent, WA 98042: Phone 631-  
0575

KB7FLT Mark Ferrin 317 Chicago  
Blvd. S., Pacific, WA 98047: Phone  
833-4116

KL7AKC William Jones 4707 W. Lk.  
Sammamish Pkwy S.E., Issaquah, WA  
98027: Phone 641-6516

KA7AND Ed Dressel 9202 Dayton Ave.  
N., Seattle, WA 98013: Phone 784-  
9130

N7HWI David Johnston 3928 21st  
Ave. S.E. #A, Lacey, WA 98503:  
Phone 459-0783

N7LMT Chuck Richardson 9600 34th  
Ave. S.W., Seattle, WA 98126:  
Phone 938-2294

KA7ZZJ Arthur Schulz 2054 N.E.  
103rd St., Seattle, WA 98125: Phone  
523-5120

KA7MCB Julian Williams 3007 S.  
Court St., Seattle, WA 98144:  
Phone 722-7105

KATHNY Lloyd Haverman 16729 126th  
Ave. S.E., Renton, WA 98058: Phone  
228-2058

WA7BET Elmer Stitzlein, Jr. 1980  
5th N.E., Seattle, WA 98155: Phone  
362-2052

I WONDER WHERE THEY ARE?

WA7EKH, RAY, GAVE ME THE LATEST LIST  
OF PAST PRESIDENTS & POP BROWN AWARDS  
SINCE 1971. IN CHECKING THIS LIST  
IT IS INTERESTING TO NOTE THAT OF  
THE 18 PRESIDENTS, ONLY 4 MAKE  
FAIRLY REGULAR APPEARANCES AT CLUB  
MEETINGS!! OF THE 21 POP BROWN  
AWARDS, 4 ALSO COME TO THE  
CLUB MEETINGS REGULARLY!!  
I WONDER WHY? WHAT HAVE WE HERE  
THAT THEY COME AND THEN GO AWAY?  
WHY DON'T THEY STICK AROUND? HAVE  
WE LOST OUR APPEAL? BAD VIBES?  
EMPLOYEE TURNOVER IN BUSINESS IS  
A SERIOUS PROBLEM. IN SOME OF  
THEM TURNOVER COSTS OVER \$15,000  
FOR EACH TURNED OVER EMPLOYEE!!  
I DOUBT THAT WE CAN STICK A DOLLAR  
COST ON THE M&K CLUB BUT EVEN AT  
BEST OUR TURNOVER COSTS SOMETHING.  
WE SHOULD FIND OUT WHY AND CORRECT  
THIS PROBLEM. THINK WHAT OUR  
MEMBERSHIP WOULD BE IF WE COULD  
GAIN AND NOT LOSE MEMBERS? WHAT  
WILL IT TAKE TO GET FOLKS TO STICK  
AROUND, PARTICIPATE, RUN FOR OFFICE,  
AND CONTRIBUTE TO THE CLUB?  
ANYONE CAN SIT AND LISTEN BUT IT  
TAKES EFFORT TO CONTRIBUTE TO ANY  
ORGANIZATION. THINK ABOUT IT--  
WHAT CAN YOU DO TO REALLY PUT  
ACTION IN THE M&K, MAKE IT A  
CLUB OF INTEREST, GET FOLKS TO  
WANT TO STAY IN THE CLUB, AND  
ABOVE ALL, GET EVERYONE TO ADD  
SOMETHING TO THE CLUB. REMEMBER,  
IF YOU DO JUST ONE JOB IN THIS  
CLUB, YOU WILL BE MAKING GOOD  
TRACKS IN THE SANDS OF TIME!!

GIB-W7JIE

FOR SALE

ADLER (German made) 20-inch electric  
typewriter. Recently overhauled by  
Renton Vocational Tech Business  
Machines students. Type-bar  
machine & heavy duty unit. Wants  
work!! \$50.00. Gib, W7JIE. 226-  
4222 evenings.

MIKE AND KEY AMATEUR RADIO CLUB MEETING  
February 18, 1989

The meeting was called to order at 10:05 a.m. by NU7Z

Pledge and Welcome

Visitors identified themselves and their call.

NU7Z, in the absence of WB7TBR, handed out new membership certificates.

Five new applicants were in attendance. They identified themselves and told about themselves briefly. They were unanimously voted as full members of the club.

WB7EBH gave the Treasurer's Report.

N7NW gave the Activity Manager's Report. Included in his report were Flea Market information and he informed the group that jackets would be in on February 28 and they could be picked up at the Flea Market.

NU7Z announced that hats and keyers should be picked up from WA7EKH.

It was announced that the April meeting will be held at the Tukwila Community Center. N7JPN will see that notices are put on the door of the UGN building for April and May.

Remember the Awards Banquet coming up April 1 at the Ballard Eagles.

KB7ZS gave information regarding Field Day.

K6DOW gave the Public Service Report.

NU7Z turned the time over to K7PHZ for election nominations.

The following nominations were made:

President	W7QGP KB7ZS KB7ERE
Vice Pres.	K7MRH N7ELW
Secretary	WB7AYU

Treasurer	WB7EBH
Act. Mgr.	WV7R
Trustees	NOYC WA1ONP KA7CSE WB7ERE

W7VIH is still collecting food for the boy's home.

WB7EBH made the presentation for the proposed budget for next year. Copies of the proposed budget were passed around and discussed. The proposed budget, as amended, will be published in the Relay. It will be put up for approval at the next meeting.

KB7ZS reported on the Audit of Treasurer's books.

Upcoming hamfests were announced.

W7QGP indicated tapes made on field day can be copies. Give her a blank tape.

The meeting was adjourned at 11:19 a.m. by NU7Z. Submitted by N7JPN.

HELP HELP HELP HELP HELP

In locating about 14 table skirts that were used last year at "FLEAMARKET 88". These skirts are blue in color, kind of a plastic material and go around a table to hide what ever is under the table from people that don't need to know.

These skirts are Club property and were last seen at the March meeting in 1988.

If anyone has any information please inform RAY - WA7EKH.

VE TESTING

A reminder that, even though the Mike & Key Club meetings are moving to a new site, the VE testing will remain at the Good Neighbor Center for the time being.

Tests will continue being held the third Saturday of every month at 1PM sharp. For further information on participating in the testing sessions as an examinee or examineer, please see Jim, K7ND or myself.  
- WA7UWJ

## A DAY IN THE LIFE OF A FLEA

March brought yet another Mike & Key Flea Market to life. The birth of this years event began with the setup of all those millions (seemingly) of tables and chairs the day before. We must be getting better at this because it only took a couple hours to get them all laid out. Following the chairs and tables, there were banners and signs to put up and communications to install. My thanks to all that came down Friday to help setup.

Saturday, the big day, came early the next morning. Vendors that hadn't set up the day before were chomping at the bit to get in now. M&K workers arrived by the dozens to keep things running smoothly. Members watched doors, directed vendors, made announcements, registered sellers, and sold tickets. Outside, the crowds grew and grew.

9:00, is past time at the M&K flea market and this years rush was bigger than ever. One peek in the door was enough to convince me to stay in VE testing land. How the deals ever get made in that mess escapes me, but everyone seems to enjoy themselves. Over in VE land, everyone tries to register at the same time. Fortunately, we had plenty of capable examiners to handle the rushes. Over the course of the day we examined about 60 people, including one who went from scratch to extra in the one sitting.

By 3:00, the crowds are dwindling. Everyone starts picking up tables and chairs as the sellers start shutting down. By 6:00 the job is pretty much complete and the muscles are sore but the faces happy due to another successful M&K flea market. Again, it takes many people to make this a great event. My hat is off to all those who participated. You did a fantastic job. Next year - March 10th, see you there!!  
-uvj

## AWARDS BANQUET

The Ballard Eagles was the site for this years Mike & Key Awards Banquet on April 1st. However, it was anything but an April Fools event.

The past year has been a dramatic one for the this club. The membership has grown tremendously, a food drive was begun, and public service involvement has blossomed. It was refreshing to see many of your new faces at this years banquet with many familiar ones too.

This main purpose of this gathering was to honor the hard workers of the past year. While it takes many people to keep the M&K running, there are always a few stand outs that deserve some special recognition for service to the Club and Amateur Radio.

The honors.....

Rick Beatty and Vic Zumbrunnen recieved co - Pop Brown Awards. The Pop Brown Award is the highest possible award given by the club and these gentlemen deserved it for their great work and leadership over the past two years. Rick also recieved the Presidents award for 1988-1989.

Special Appreciation Awards were given to Chuck Stroehner and Wayne Moddison for their outstanding public service work.

Ted Boessenroth recieved the MVP award for his contributions to our Field Day effort last year.

I would like to say that these people and others have contributed many hours of work to this club and Amateur Radio. While we can't give everyone an award, I and others in the club appreciate the hard work and wish to thank you for your continued efforts. You know who you are, and so do I. Thank You.  
-uvj

## REPORT ON THE WOODPECKER SIGNAL

By James T. Beckham

FCC Field Operations Bureau  
(de ANARC Newsletter, 10/88, via  
QRZ of the North Seattle ARC)

The Federal Communications Commission's high frequency network collected data concerning "Woodpecker" radio transmissions during a one week period beginning August 14, 1988. All thirteen FCC monitoring stations participated. Over 400 observations of the "Woodpecker" signal were recorded.

Our findings are: 1) the pulse rate remains at 11-11.5 pulses per second; 2) the pulse width remains at 4 milliseconds; 3) the lowest confirmed frequency was 7 MHz and the highest 19 MHz; 4) the lowest confirmed bandwidth was 20 kHz and the highest 800 kHz; 5) the most occupied bands appeared to be 10.5 to 11.0, 12.2 to 13.0 and 16.0 to

17.0 MHz; 6) the least occupied bands appeared to be 9.7 to 10.5, 11.0 to 12.2, and 13.0 to 15.0 MHz; 7) the bandwidth mean was 150 KHz, the median 75 KHz, and with a standard deviation of 207 KHz; 8) the air time of a signal was, as a minimum, 7.7 minutes for the mean, 3.0 minutes for median and with a standard deviation of 12.3 minutes; 9) all of the transmissions originated from a single location that we fixed at coordinates 51 degrees 24 minutes North by 137 degrees 42 minutes East near the city of Komsomolsk in the USSR.

These observations are essentially in agreement with the findings of monitoring we conducted February 23 through March 1, 1986. This appears to be the permanent pattern of operation of the "Woodpecker".

Questions or comments should be directed to James Beckham at (202) 632-6977.

## DX ALERTING NODE

Interested in DX and contesting? Have packet capability? Then try out the new packet node on 145.730. Patterned on similar nodes set up in California, this is the packet equivalent of the DX alert repeaters common in major metropolitan areas. By connecting up, you can receive or announce the latest in DX finds on the bands. This one is located on Finn Hill in Juanita and easily reached. (I can get it from Kent)

Placed on the air by Ron, NV6Z, this node is capable of handling 25 simultaneous connects. (soon 32) As DX announcements are made, they are rebroadcast to each connected station. The beauty of the system is the information (time, freq, call) is all there in writing and repeats aren't needed as with voice repeaters. While there is a mailbox and BBS, it for DX and contesting related matters. Don't expect to find the latest want ads or gossip here unless it pertains to DX or a contest.

While closely associated to the WWDX Club, all are welcome says Ron. After all, the more people looking for DX, then better the chance of

the rest of us getting in on it. As more people start using the system, more nodes can be setup with a connecting backbone.

A word of warning, the command structure is not similar to most public BBS's. It has many special commands for giving beam headings, WWV reports, Russian Oblasts (try figuring those out), and a special conference/talk mode. For a copy, of the command codes contact Mike, KA7CSE or myself.

Tired of the same ol' packet racket, then warm up the HF rig and connect to the DX node. See you there. -uvj

## FOR SALE

ICOM IC-R-7000 S/N 1426. 25MHZ-2 GHZ.-CONTINUOUS COVERAGE-ALL MODE RECEIVER. COMPLETE WITH MANUAL, 8-OCTAVE DISC-CONE ANTENNA, (AH-7000 SUPER WIDE-BAND ANT. MADE FOR THIS RCVR). CARRYING CASES FOR BOTH RCVR & ANT. NOW HAS ICOM INSTALLED 200 MEMORIES PLUS CHECK-UP BY ICOM BELLEVUE LATE FEB. 1989. PRESENT RETAIL COST OVER \$1200 BEFORE TAXES. YOURS FOR \$850.00. CALL GIB, W7JIE, 226-4222, EVENINGS.

NOTES NOTES

March: Len Westbo, W7MCU brought a Viedo tape that he recorded from a satellite, on "no code" by Barry Goldwater, W7UGA and Roy Neil, K7DUE. Very interesting - lots of comment by the membership.

We, as a Club, have outgrown the GN Center. We have been there for a number of years. Our membership is now over 155 and is growing at each meeting. The April meeting will be held at the TUKWILA COMMUNITY CENTER. See map for direction and location. Lets everyone be there this time.

SILENT KEY: Bill Kinsinger, KA7BQY

Telephone numbers and license class is needed to complete the Club roster. If you do not want your telephone number listed please say so.

Now that the Club is growing, you people out there need to participate in activities. Don't leave it up to the same bunch to do everything all the time. I know that there is a lot of talent and we need help in just about everything. I hope you didn't join just to be joining something. Also, those of you who are Associate members, you might think about becoming a full member as the Associate part may go away.

UPCOMMING PUBLIC SERVICE

MAY 6, 1989 OPENING DAY CREW RACE

Starting time is 8 am at the huskie crew house behind the stadium. Dress for the weather and for riding in open boats. Lots of fun and great views. We are over about noon or 12:30.

MAY 17, 1989 BALLARD DAYS PARADE

Starting time is 5 pm at the school at NW 62nd and 22nd Ave NW in Ballard. First parade of the year with great bands and nordic flavor. We are over around 8 pm and go for a bite to eat after everything is over.

QUESTIONS?? CHUCK WA7EBH 392-5303.

ROSTER CHANGE

KB7GDG to N7MDW Ken Smith

Monthly VE Testing Report

If interested in helping out giving VE Testing, please see Jim, K7ND or Mike, WA7UJJ.

Date: 03/18/89 Loc: Renton, WA

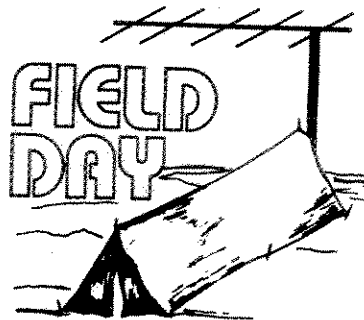
Element	Pass	Fail	Tot
1A (5wpm)	01	02	03
1B (13wpm)	03	00	03
1C (20wpm)	01	01	02
2 (Novice)	03	00	03
3A (Tech)	05	00	05
3B (Gen)	01	03	04
4A (Advan)	01	01	02
4B (Extra)	03	00	03
Totals	18	07	25

Pass Percentage

1A (5wpm)	33%
1B (13wpm)	100%
1C (20wpm)	50%
2 (Novice)	100%
3A (Tech)	100%
3B (Gen)	25%
4A (Advan)	50%
4B (Extra)	100%
	<u>72% Total</u>

Total Upgrades: 8  
 Total Failures: 7  
 Total Applicants: 15  
 Percent Upgrade: 53%

If you are an Extra Class Licensee and interested in becoming a VE, see myself or Jim, K7ND for an application form. It's a lot of fun! Mike - WA7UJJ





# N.W. 3rd Fly-In Ham Fest

*Kootenai Amateur Radio Society presents . . .*

# HAMFEST '89

**Coeur d'Alene Airport - Avionics Building**

"Coeur d'Alene, Idaho"

**Saturday, June 10, 1989**

**7:00 a.m. till ?? p.m.**



**FREE ADMISSION**

**GRAND PRIZE - IC 228-H**

2nd Prize Donated by ART'S of Spokane • Commercial Exhibits - Hourly Drawings  
Local Color - Hats, Shirts, Jackets "to order"

**ALL EXAMS at 11:00 a.m.**



APPROVED  
HAMFEST

Prizes For:

**Photo of Neatest Ham Shack**  
**Ham Pilots Flying the Furthest Distance**  
**Ham Driving the Furthest Distance**



APPROVED  
HAMFEST

**AIRPLANE PARKING**

Potluck • Friday, June 9 • 6:00 p.m.  
Breakfast served 7:00 a.m. - 10:30 p.m.  
Lunch from 11:00 a.m. - 2:30 p.m.  
Baked Food Sale All Day or until gone  
Ladies Craft Sale Tables Available

**Talk-In Frequency 146-38/98 Simplex 146.52**

# 1989 COMMUNITY AMATEUR RADIO PUBLIC SERVICE

DATE	CONTACT	PHONE	LOCATION	EVENT
FEB 26	Gene	226-4115	Bainbridge Is.	Chilly-Hilly bike ride around Bainbridge Is.
MAR 18-19	Bob	746-6217	Bellevue	Special Olympic Basketball Regional Meet
MAR 19	Gene	226-4115	Seattle	St Patrick's Day Fun Run
APR 29	Peter	789-9287	Seattle	March of Dimes WALK-A-THON
MAY 6	Chuck	392-5303	U of W	HUSKY Crew races & Opening of Yatching season
MAY 14	Gene	226-4115	U of W	Juvenile Diabetes BEAT THE BRIDGE foot race
MAY 17	Gene	226-4115	Kitsap County	Mothers Day Mountain Metric Century Bicycle
MAY 17	Chuck	392-5303	Ballard	Leif Erikson Nordic Days Parade (Seafair)
MAY 20-21	Tim	547-0404	U-district	University District Street Fair (Seafair)
MAY 21	Ann	441-1855	State-Wide	American Diabetes BIKE RIDE PLUS
MAY 21	Gene	226-4115	Seattle	Forbidden City Bicycle Ride
JUNE 3-4	Wayne	271-5314	Fort Lewis	Special Olympics Summer Games
JUNE 5 -				
JULY 21	Gene	226-4115	U S A	American Lung Asso. TRANSAMERICA BIKE TREK
***** F I E L D D A Y *****				
JUNE 24 and 25 SUPPORT YOUR LOCAL RADIO CLUB				
JUNE 10	Wayne	271-5314	unk	Nor'Wester SCCA Pro Rally
JULY 8	Curtis	747-5315	Lynnwood	Lynn-O-Rama Lynnwood Parade
JULY 8	Chuck	392-5303	Kent	Kent CORNUCOPIA Days Parade (Seafair)
JULY 15	Chuck	392-5303	Redmond	Redmond Derby Days Parade (Seafair)
JULY	Gene	226-4115	Mt Rainier	Bicycle RAMROD around Mt Rainier
JULY 28-30	Bill	762-7738	Boeing Field	Wings Over Washington Airshow Centennial
JULY 29	Chuck	392-5303	Des Moines	Saltwater Days Parade (Seafair)
JULY 30	Chuck	392-5303	Chinatown	International Days Parade (Seafair)
JULY 31	Chuck	392-5303	U-district	University District Childrens Parade (Seafair)
AUG 2	Chuck	392-5303	Greenwood	Greenwood District Parade (Seafair)
AUG 3	Chuck	392-5303	Kent	Kent Community Parade (Seafair)
AUG 4	Chuck	392-5303	Seattle	TORCHLITE Parade (Seafair)
AUG 5	Chuck	392-5303	Lake City	Lake City Days Parade (Seafair)
AUG 6	Janie	321-1367	Auburn	Donida Farms Equestrian Event
AUG 19	Janie	321-1367	North Bend	Mountain Meadows Equestrian Event
AUG 26	Janie	321-1367	North Bend	Mountain Meadows Equestrian Event
AUG	Mark	526-8852	Seattle	Wheels of Fire
SEPT 9-11	Gene	226-4115	San Juan Is.	American Lung Asso. TRI-ISLAND BIKE TREK
SEPT 16-18	Gene	226-4115	San Juan Is.	American Lung Asso. TRI-ISLAND BIKE TREK
SEPT 23-25	Gene	226-4115	San Juan Is.	American Lung Asso. TRI-ISLAND BIKE TREK
SEPT 25 -				
OCT 20	Gene	226-4115	Pacific Coast	American Lung Asso. PACIFIC COAST BIKE TREK
OCT 7 & 8	John	392-7623	Issaquah	Salmon Days Parade and fun run (Seafair)
NOV	Wayne	271-5314	unk	Tour de Forest SCCA Pro Rally
NOV 11	Mark	526-8852	Seattle	Jr Olympics
NOV 25	Mark	526-8852	Seattle	Seattle Marathon
DEC 2	Curt	825-5321	Enumclaw	Enumclaw Christmas Parade
DEC 3	Bob	453-0885	Seattle	Special Peoples Boat Cruise
DEC 21	Tim	547-0404	Seattle	SANTA TALKS for hospitalized children