

# K7LED

# RELAY

AN  
ARRL  
AFFILIATED  
CLUB

NEAR SEATTLE, WASHINGTON

VOLUME 14

FEBRUARY 1986

NUMBER 2

### CLUB OFFICERS

President	Charles Stroehrer	WA7EBH	Trustee No. 1	Jimmy Sutton	WA7LNQ
Vice President	Gene Jacobson	WA7TAI	Trustee No. 2	Mike Dinkelman	WA7UVJ
Secretary	Warren Nixon	K7MRH	Trustee No. 3	Jim Christiansen	K7ND
Treasurer	Mike Cross	WB7AYU	Trustee No. 4	Hal Goodell	N7NW
Activity Mgr	Pati Sutton	WB7VJA	Trustee No. 5	Dick Dietsch	W7KCX

CLUB RADIO OFFICER: KEN RAU, K7YR

The K7LED RELAY is the Official Publication of the MIKE and KEY AMATEUR RADIO CLUB, 5430 Lake Alice Rd SE, Fall City, WA. 98024. The Club meets the third Saturday of each month at 10am in "The Good Neighbor Center", 305 S 43rd St. Renton, Wa. All "Hams" invited.

The MIKE and KEY net meets each Sunday morning at 10am on 3930 kHz with Novice and CW check-in on 3730 kHz and VHF on 146.58 MHz and K7LED/R 52.37-53.37 MHz.

K7LED RELAY EDITOR  
13517 117th Ave NE  
Kirkland, WA. 98034



First Class

### REPEATER FREQUENCY

**52.37-53.37**  
**222.52**  
**224.12**

### BOARD MEETING

**5 MARCH 1986 HRS**  
**QT# of W7KCX**

**CLUB MEETS:**  
**UGN CENTER**  
**RENTON 10:00**

**15 FEB 1986**

**ACTIVITY EVENING**

PETE HEDBERG K7WTB  
20904 NE 77TH ST  
REDMOND  
WA 98053

*FLISA MARKET*

Here are the names, addresses and phone numbers of the Club Officials. See front of Relay for position.

**CHARLES STROEMER, WA7EBM**  
13614 SE 43rd St.  
Bellevue, Wa. 98006  
Phone 747-7833

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3516 SW 343rd  
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Phone 927-7088

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Phone

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Kent, Wa. 98032  
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6122 36th St. NW  
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**MICHAEL CROSS, WB7AYU**  
5803 SW Hanford  
Seattle, Wa. 98116  
Phone 935-2688

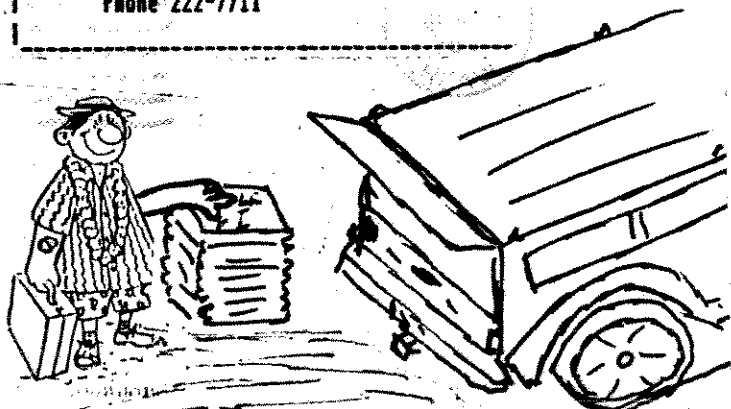
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**KEN RAU, K7YR**  
5430 Lake Alice RD SE  
Fall City, Wa. 98024  
Phone 222-7711

**EDITOR**  
**RAY E LESLIE, WA7EKH**  
Phone 821-4188



NEWSPAPERS + + NEWSPAPERS

The last load of newspapers gave the fund another \$9.10. Both Vic and I had a change of plans at the last minute so everything worked out to the good. Now, again I am saying that I will not be there for the Feb meeting and Vic will be there to collect the newspapers. This will be the last load before the Awards Banquet, so scrounge up all the newspapers you can. We only have about \$90.00 in the pot, at least that is my estimate. Ask your next door neighbour for his papers. Ray - WA7EKH

NOTES - - - - - !

The new roster included in this issue will have to do you for the next six months as August is when the next one will be published.

ZIP CODES::: Looks like we are being forced into using the NINE digit zip code. There seems to be more and more mail arriving with the nine digit code on it. So--we might just as well go along with it and join them.

Look on some of your mail (I am told that Radio Shack catalog or flyer will have the nine zip on it) and find your nine zip or call the Post Office, then please pass it on to your Editor so it can be included in the August roster.

The Amateur population, at the end of 1985, stands at 413,642. This breaks down to 117,082 generals; 97,781 advance; 83,387 techs; 77,087 novices; 38,305 extras.

73 Magazine is again under control of Wayne Green, W2NSD.

The controversy over the two bills in Congress regarding cellular telephone is still heated up. It might behove all of us to write our Congress people about this and express our opinions. The Editorial in Ham Radio magazine is worth reading.

Smokers waiting for that rumored 50-percent tax reduction next year on a pack of cigarettes are short of breath after learning that the federal tax per pack will remain at 16 cents.

BANQUET - BANQUET - BANQUET

Lets not forget the 16th Annual Mike & Key Awards Banquet folks. Just a reminder. It happens on April 15th. We've got some great food, the new SAREX video tape from the ARRL, the Emerald City Dancers, door prizes, and last but not least AWARDS!! Attitude adjustment starts at 6:30 pm, dinner an hour later, all at the Officers Club at Sand Point Naval Station. You can have your choice of Prime Rib or Salmon. See the January Relay for your reservation form. (Also this issue) March 3rd is the reservation deadline. Don't you miss out on the Social Event of the season.

\*\*\*\* REPEATER NEWS\*\*\*\*

Not much to report this month on the club 220 Mhz. repeater. The rest of club members who are active continues to grow. The Monday night net time was moved to 7:30 pm to accommodate those who had other nets that conflicted in time. While the 223.94, N7NW, repeater is off the air for upgrade several of the users are now using the club repeater. I personally appreciate this and plan on having the 223.94 repeater back operational by Feb. 16th. If you happen to hear any intermod on the machine please listen to it carefully and note details about the conversation including time of day. Please report this to the repeater committee. I will continue to provide a 220 radio to anyone who wishes to try the repeater. I only request that the radio and antenna be returned at the next meeting.

Hal, N7NW

\*\*\* FIELD DAY \*\*\*

Well here we go again with preparations for another field day exercise. I can hardly believe that it is that time of year again. I did a crazy thing and volunteered to be chairman this year because Jimmy, WA7LNQ, decided to break tradition and only held the job for one year. That's okay I got a good job for him to do. Let's start thinking about bands, equipment, generators and that type of stuff. The February meeting is going to be pretty full with the fleamarket preparations so we will wait till the March meeting to decide on band chairpersons. I am assuming that we all want to return to Marrowstone Island again. If you have any other ideas let's hear about them at the next club meeting.

Hal, N7NW

\*\*\* FLEAMARKET \*\*\*

All the flyers have been mailed and publicity is in full swing for the March 8, 1986, Fleamarket. I have been trying to attend a few of the local club meetings to talk about the fleamarket. If you go to any ham or computer functions please pitch the fleamarket and pass out so flyers. You can get the flyers from me. I will have a packet for each volunteer at the next club meeting and we will spend some time reviewing the assignments. It is necessary for everyone to attend this meeting. Deborah, N7AVO, is handling the table sales which are accumulating at the usual clip. Mike, WA7UUVJ, will be putting notices out to local radio stations and we have covered all the ham publications as well as notified all the clubs in the northwest. Jimmy, WA7LNQ, is putting the word out via radio nets on all bands. He could use some help and would appreciate if you would contact him with net information and if you could provide the announcements. Warren, K7MRH, has been busy making up new signs.

Hal, N7NW

\*\*\* SALEM HAMFEST \*\*\*

Last year several of the club members trekked off to Salem, Ore., for the Salem Radio Club Hamfest. We all met at Federal Way and boarded Jimmy and Patti's motorhome. We had such a good time that we vowed to do it again. Well now is the time. The Salem Hamfest is the 22nd of February. I will be glad to drive my van down and can take 6 passengers with me. Jim, K7ND, said if enough people are interested he would also take his van. Several club members have expressed an interest in going. Final plans will be made at the next meeting.

Hal, N7NW

WVARRA - Summarized (Jan 1986)

### TOWER TASK FORCE FORMED

King County has formed a Tower Task Force to act as an advisory board during the formation of a new ordinance to regulate radio, TV and other communications towers and facilities. The task force reviews the output of a group of consultants the County has hired to develop these new rules. The building and land department (BALD) of King County is the department that handles these matters and these new rules, after formation and approval by the county council will, hopefully, give BALD the mechanics they need to deal with problems of radiation, transmitters, etc. Target date for these rules is Aug 86.

King county is expected to use the ordinance drafted for Multnomah County and Portland Oregon as a guideline. It is not clear at this time as to how the proposed rules will effect Amateur Radio. The Task Force does include members of Amateur Radio, who, will surely look out for our interest as much as possible and keep us informed of what takes place.

### REPEATER NEWS BULLETIN BOARD

For those of you who are interested in repeater news and information from Westlink you can call (805) 251-5558 24 hours a day. When you get a connect, wait for the entry prompt and type the letters "WLR" after the log on bulletin has run out, type a "D" to view the directory. Files pertaining to FM are listed under the heading "REPEATER NEWS:xxxxxxx". To read one of these files type a "V" following the full file name as it appears in the directory.

### HAM-MEDICS OF PUGET SOUND PORTABLE REPEATER

This article is in regard to a portable repeater that was assembled entirely from donated parts for use in support of both emergency and public events. This portable repeater will operate any place any time. It is AC, DC, battery powered and includes a portable antenna system. The repeater is contained in a container 20" wide, 13.5" deep 18" high. (see article in WVARRA for more detail).

### PROMOTION OF AMATEUR RADIO

Well, as most of you now by now, we have an Amateur Radio Expo proposal up before the Southcenter Management. Hopefully we will get an answer before the next Club meeting, in February. If we do get a "ye", we can look forward to preparing for the event during the summer. I expect to have many volunteers, cause I saw lots of hands, and the more people we get involved the less work each individual will have to do. Below, is a copy of the outline I sent in. Let's hope it works. 73 - WA7UVJ

### AMATEUR RADIO EXHIBITION

#### I. PURPOSE

- A. Demonstrate how Amateur Radio benefits the Public
  1. Emergency Communications
  2. Public Welfare Communications
    - a. X-a-thons
    - b. Special Olympics, fairs, sporting competitions
    - c. Santa talks
  3. Technical Innovation
  4. General Hobby
- B. Recruitment of new Hams

#### II. EXHIBITS

- A. Visual Displays
  1. Pictures
  2. VCR and Tapes
  3. Maps and cards
- B. Working Stations
  1. HF Station - for long distance- Worldwide Communications
  2. UHF/VHF Station - for local Communication
  3. Packet Station - Computer Communication
  4. Amateur Satellite Station

#### III. REQUIREMENTS

- A. Power - 110 VAC
- B. Approx. 500 sq. feet of space
- C. Antenna mounts
- D. Weekend date in September

*Someone send in a recipe !!!*

## ANOTHER EDITORIAL BY W7JIE!

I listened to a speech last summer by one of the ARRL's staff members. He gave a very excellent challenging speech. I asked for his notes & I'd like to share them with you + a few comments of my own. Read on--

1. Why has amateur radio failed to attract in the last 10 years? Partly because of the influence of CB radio on both hams and kids. They get a totally different idea about Ham radio, what it is, what it can do, and what YOUR involvement with it may be. Little has been said about the personal touch of Ham radio by the licensed operator. Where he can go with his experiments, what he can do with minimum cheap equipemt, what goals he can set for himself.

2. Can the youth of today be attracted to Ham radio as they once were? CERTAINLY!!! Kids are still kids. Todays kids may be more knowledgeable about worldly affairs, they may have access to computers, and are probably more sophisticated than we were. But kids are still kids and the same things excite young minds today.

3. But what is there about ham radio today that's appealing to youth? Adventure and things to do. The fun of doing something for yourself. A sense of personal satisfaction because parents or schools can't give it to you. And an individual identity that puts you on a par with adults at any time. And finally, code is unique. Kids love secret ciphers and codes. To be able to talk to your buddy in morese code is an accomplishment that many kids can't do.

4. AWRITE! What proof can you offer?? Carole Perry, WB2MGP, a teacher at the Rocco Laurie Intermediate School in Staten Island, New York, teaching grades 6, 7, & 8, started up a class called "Introduction to Ham Radio". In the 1st term, 300 students SIGNED UP and 100 licensed hams came out of the course! In addition, these students did better in their other courses in school. Self-esteem? Each semester yields close to 100 NEW Hams and there are Technicians, Generals and more. The kids love it and flock to to course. CW? No problem-its part of the challenge. Could it be the teacher? Or is it the subject? Is it the method? Or the end result?

5 The hobby needs YOUR help. You can create an awareness of ham radio-prepare & put on exhibitions, school demonstrations, talks at schools. Follow-up with courses & even 1-on-1 training. Become an ELMER & DO IT THIS SUMMER?

6. Is it important--You betcha. Its good for ham radio.for our hobby, for world influence. Its even patriotic!

THINK ABOUT IT--WHAT CAN YOU DO??

## SUMMARY OF ARRL LETTER

JANUARY 16, 1986

The US Court of Appeals, 6th District ruled in favor of radio amateur W4MT in the case of Thernes v City of Lakeside Park, Kentucky. The lower court, the US District Court had upheld a municipal ban on amateur antennas because they were not specifically permitted as accessory uses within the city. The dissenting judge of the three didn't think this strong enough: he would end the case at once by reversing the lower court and declaring the city's ordinance unconstitutional. FCC's PRB-1 on antennas was the hero!!

AUTOMATIC CONTROL OKAY ABOVE 50 MHz, BUT...

FCC has amended the amateur rules to permit automatic control for digital communications on amateur frequencies 50 MHz and above. Before this involved only repeaters, auxiliary and beacon operation. This clears the way for data transfer, computer-to-computer communications and packet-switching systems, however, there is still the requirement that a control operator be present whenever the station was engaging in third-party traffic. So, it looks like you will need a control operator present at every digipeater carrying third-party traffic.

ARRL/VEC 1985

Lots of statistics in regard to how good the VEC program went during 1985. They tested 25,534, that is 534 more than they estimated they would. Pass rates were 58.9%. They held 1877 sessions and averaged 13.6 candidates per session.

K7LED/R = = = = !!

Another month has come and gone and your 1-1/4 meter net is alive and well. As a matter of fact - on Jan 26th there was a whopping 18 check-ins!!

This net is building and help is needed for net control and westlink recorders. We also would like to hear your ideas for topics of interest that can be researched and discussed.

Come and join in and catch the hobby and contest corner too!!

See you on the net - Rick - WB7DTI

NTIA DOCUMENTS SOVIET JAMMING

There are more than 80 separate shortwave jamming locations within the Soviet Union, Poland, Czechoslovakia, Bulgaria and Hungary. There is other documented jamming found in large metropolitan areas.

This jamming is found in the 7100 - 7300 kHz region and also in the high end of 15 meters

JOB OPENING

The ARRL/VEC has a job opening for a new assistant manager. \$18,226 - 25,516. You need to be an Extra Class with solid 20+ CW and people skill.

JANUARY 30, 1986

The ARRL reelected some officers and elected new officers. Some to serve until the 1988 annual meeting and others to serve until the 1987 annual meeting.

The job description for the Section Public Information Officer has been modified to include the responsibility for establishing a Speakers bureau. This will be mainly to talk to non-amateur groups.

Other events that were discussed and voted on at the meeting were documented.

The League will take the necessary action to try to change the latest ruling on Packet Radio where the requirement for a control officer to be present when third party traffic is being handled.

The League will implement a data base for repeaters.

FCC says yes to 7050-7100 kHz phone in Caribbean Insular Areas.

United Kingdom has allotted 50.0 to 50.0 for amateur use starting 1 February

**NEW M&K CLUB MEMBER**

Please welcome to our Club, WILLIAM E BENNETTE, he doesn't have a call as yet, however, he is working on it. Wonder if he could use a little help - why don't you ask him?? !!

## YOU TOO CAN BUILD AN AMPLIFIER!!!

Anybody interested in bulding an amplifier, check with Jimmy, WA7LNQ-- I've lost him to this project!! I can't give you all of the details like he can, but it's been on the fire for a couple of years and will be ready to go a few weeks from now. He's taking pictures as he goes, so we'll get him to put them in the Relay - maybe. It's so big, I know I won't have to turn the heat on in that room. He's already up late at night and early in the morning to make contacts. He may not sleep at all when he gets it going. I may leave when he fires it up. I know he'll be successful.

88's to Jim - from Pati.

## ACTIVITIES

January 18th was a miserable day, but all who ventured to ICOM Headquarters were rewarded. Their hospitality overwhelmed me. It was really an interesting tour. A bag of goodies and info was given to each of us and we all got a hat. 70% of the people working there are "Hams". They really emphasize that to better serve us. What an incentive! They have a ham shack filled with equipment (one or each)

The raffle fund is coming along real well now. Thanks to George, N7BT, for his box of goodies. Make sure to get your reservations in early for the Banquet. We'll have the Emerald City Dancers again. They are older and beter this year. We also will see a video on SAREX. The food is good and at a good price.

There will not be a program at the February meeting due to the extensive business that needs to be conducted.

Make sure to plan on spending March 8th at the Flea Market. It's a fun day, especially the Chinese food when we're finished.

February 22nd we will be caravanning down to Salem Oregon for the ham fest. It's a lot of fun. Bring your Wife too. Us ladies need company too. Contact Hal, N7NW or Pati, WB7VJA for definite arrangements. We need to know exactly how many are going on the caravan  
WB7VJA - Pati

## AMATEUR EXAMS = = = = =

Amateur exams will be given on the third Saturday of February, March and April at the Evergreen building in Renton, room 19 which is in the basement. Time is 1 pm, sharp. Test fee is \$3.00. The Evergreen building is east of the Sheraton Hotel at the intersection of 405 and 167 highways.

All classes are offered with no advance registration required. Try to be on time as the building is locked with a security guard in attendance.

I have code tapes available for aspiring novices or for someone who wants to upgrade to extra. The novice tapes are from he last novice class and consist of eight - 1 hour tapes. The extra class tapes are hour tapes or 17, 20, 22,25/30 words/minute random code.

Jim - K7ND

## THE PREZ SEZS

Well, its been two months since Joyce and I moved into our house and since then there never seems to be enough time in the day to do everything that seems to need fixing up. Since moving in we have had several wind storms, and I am thinking about the height of my tower, it seems to be growing smaller with each storm.

Enough on our house, it seems that its election time again, so get your nomination to the election committee or put it on the board at election time. If you decide to take on an office, be sure that you have the time to contribute your self to the club. Remember that these people are the ones that help run the club and make decisions on the direction of the club, so make a wise choice. I want to thank all the past board members that have helped me through the past two years. Also the support of the general membership. There is a great pool of talent in this club, so please do your part to help the club in elections, activities and all of the upcoming events.

See ya at the meeting  
Chuck - WA7EBH

**LN 317T  
Voltage Regulator  
(Adjustable)**

Available from Radio Shack  
#2776-1778 \$2.79

Max voltage differential - 40V  
Load regulation - 0.1%  
Line regulation - 0.01%  
Ripple rejection - 80db

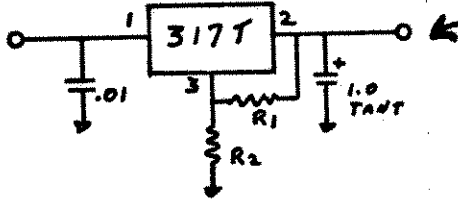
R2 can be variable (pot) to 5K  
To calculate for voltage out  
use the formula:

$$V_{out} = 1.25v \left( 1 + \frac{R2}{R1} \right)$$

Tab tied  
to Pin 2



+1.2 to +37V  
@ 1.5A max



1. input
2. output
3. Adj.

Note:  
for 14.4VDC  
R1 = 200 ohm 1/2 w  
R2 = 2.2k ohm 1/2 w

G.L.  
RICK  
WOODY

**RESERVATION FORM - - SIXTEENTH ANNUAL MIKE & KEY AWARDS BANQUET**

The Mike & Key Awards Banquet will be held on Saturday April 5, 1986. Reserve your place now. There will be great food, entertainment, and prize drawings. Meet your new Officers for 1986-1987 and be the first to congratulate the award winners. This years Banquet will be held at the Officers Club of the Naval Station at Sand Point in Seattle. Dinner will be at 7:30 pm with cocktails starting an hour earlier. So, come early, stay late and have fun at YOUR Club Banquet. Deadline for reservations is March 3, 1986.

(A) / \_\_\_\_ / - Roast Prime Rib au jus w/creamed horseradish

(B) / \_\_\_\_ / - Baked Salmon

- both dinners include a tossed salad, green beans almadine, baked potato, and an ice cream desert.

/ \_\_\_\_ / - Total \$ of dinners @ \$12.50 each (gratuity included)

Name: \_\_\_\_\_ ( ) A ( ) B

Name: \_\_\_\_\_ ( ) A ( ) B

Name: \_\_\_\_\_ ( ) A ( ) B

Address: \_\_\_\_\_ Tel: \_\_\_\_\_

Total Enclosed \$ \_\_\_\_\_

For further information or for reservations: Michael Dinkelman WA7UVJ  
637 2nd Ave S  
Kent, Wa. 98032  
Tel: 854-4031



KING COUNTY AMATEUR RADIO (KCAR) Information sheet.

++  
Meeting on 9 Jan. with several clubs represented...NEXT MEETING OF KCAR IS 13 FEB. 6PM. AT THE DOGHOUSE RESTURANT 6PM. C U THERE??

++  
Change in the roster of last month! Pls change U of W Club president to: Dennis Vollrath, KH6SC/7. Phone for Dennis: 634-3034. Use the same mailing address as on the roster. Congratulations Dennis--call on KCAR for help if you need something.

++  
The KCAR-sponsored VE program would like a few more Extra Class Hams to help conduct the examinations. Always room for relief examiners and "spares". Call Ivan Lee, N7IL, 242-6501 & Volunteer ur services. Ivan can give u details.

++  
See the great story about Lou Huber, W7UU in the Feb. Worldradio. Congratulations Lou. We certainly have a celebrity in the midst of KCAR.

++  
NOTE! Effective 1 Jan. 1986, ONLY the FCC form 610 dated JUNE 1984 can be used. All others no longer acceptable & will be RETURNED! Which means delay because you must refile your application. Nuff sed?

++  
At least 3 classes for theory, code, etc. in King Co. North Seattle Comm. College, West Seattle ARC, and Issaquah ARC (holding classes in Bellevue).Great work by all hands helping to put this on. If you or your club are planning on putting a class together, NOW is the time to let KCAR know so we can help publicize it for you.

++  
Brings to mind a common problem. Calls are received by FCC, Amateur Radio retail stores in King Co. & others asking about club meetings, locations, times, etc. KCAR is going to be assembling this information soon and making distribution. Hope we get ur club in the list. Except for BEARS all clubs are apparently open for membership. (BEARS members must be Boeing CO. employees).

++  
Also we are assembling the Public Service Information for the annual calendar of Pub. Svc. events. If you knew of an event that was NOT on last years calendar, let K6DOW know about it. 271-5314. Thanks.

++  
Mike & Key BIG Electronic Flea Market coming up on 8 March. Puyallup Fair Grounds. Mark your calendar. See the flyers or contact N7NW 927-7603 if you need more info.

++  
Also Mike & Key working on a September Amateur display and demonstration at Southcenter Mall. No details but your club might want to get involved. Contact WA7EBH 392-5303 & Chuck will advise you on the project.

++  
Can anyone provide info on Puget Sound Council of Amateur Radio Clubs? KCAR would like to join them to enhance amateur radio in the area. Who, when, where, etc. QSP W7JIE 226-4222.

FIELD DAY IS 28-29 JUNE. NOW IS THE TIME TO ATTEND THE CLUB MEETING AND MAKE PLANS FOR THIS EVENT.

NEW OFFICERS AND SOME TRUSTEES WILL BE NOMINATED AT THIS CLUB MEETING. THIS IS AN IMPORTANT MEETING, YOUR HELP IS NEEDED TO KEEP OUR CLUB PROGRESSING IN THE RIGHT DIRECTION.

GENERAL MEETING

January 18, 1986

Meeting to order at 10 am by WA7EBH. Motion passed to accept William E. Bennett as new member.

Balance as of 12-31-85 \$2799.59 per WB7AYU.

Activity: Feb - Flea Market preparation  
Mar - Flea Market  
Apr - Banquet

Radio officer is working on 6 meter to 220 repeater hook-up per club president.

Len, W7MCU, retains K7LED for another month to continue DXCC.

Training of novice class on hold.

Repeater has some problems. Efforts underway to correct per N7NW.

75 meter net and 220 repeater net operations are positive per respective net controls.

KCAR could use people with extra class

license as VE. This per W7JIE.

WA7EBH requests alternate representative for KCAR, WA7UVJ will serve.

WA7UVJ gives reminder on banquet. KB7ZS will co-chair.

Flea market activity on schedule. Some flyers out.

WA7EBH advises its time for nomination committee to proceed.

N7NW will chair FIELD DAY.

WA7UEW and W7JIE to serve on audit committee.

WA7UVJ reports efforts are underway to hold mall exhibition this next fall.

Motion passed to pay club insurance bill which exceeded budget.

Adjourned at approximately 11 am.

BOARD MEETING

February, 5, 1986

Present: WA7EBH WA7TAI K7MRH WB7AYU  
WB7VJA WA7UVJ N7NW W7KCX  
WA7EKH

PRES: WA7EBH instructs Secretary to up-date the Annual Club Report Form to ARRL.

Sec: No correspondence to report  
N7NW suggests secretary maintain a list of duties for each office in the Club. A copy of this list to each officer and trustee would simplify the task of club operation.

Trea: Balance \$2301.74

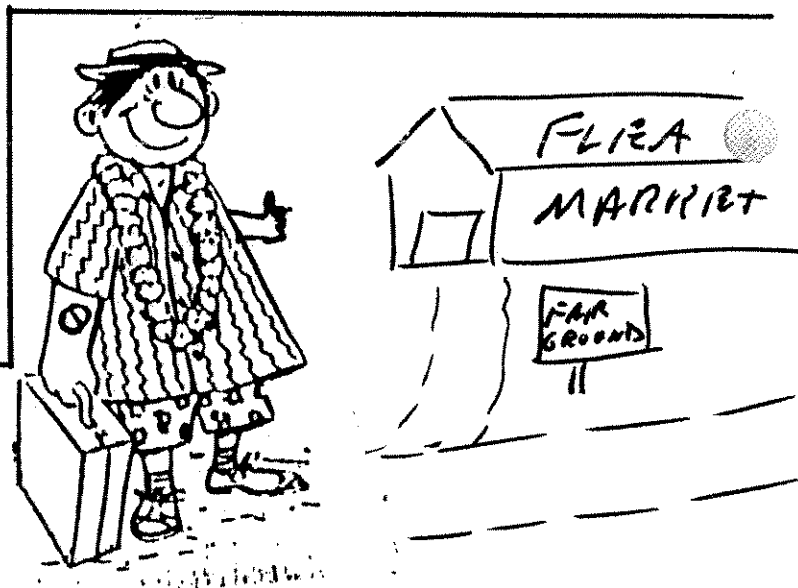
Act Mgr: Feb. Flea market discussion.

Mar. Flea Market

Apr. Banquet

N7NW Club 220 repeater and net functioning OK. The various activities associated with the Flea Market are proceeding per schedule.

WA7UVJ Banquet plans proceeding OK other than lack of commitment of attendance by membership.



COMING ACTIVITIES

- Feb - Flea Market work party and organization
- Feb 15 - Club meeting
- Mar 8 - FLEA MARKET
- Mar 15 - Club meeting
- APR 5 - Awards Banquet at Sand Point Naval Station.
- Apr 19 - Club meeting

*Each member is notified when your Club dues expire - remember 2 months in all you are carried then you are dropped from the roster for non-pay.*

NIKE & KEY ROSTER FEB 1986

CALL	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	JOINED	DUES PAID TO
	DIANNA BECKER	21112 NE 60TH PL	REDMOND	WA	98053	885-1941	74/06	87/01
	ETHEL BROWN	2200 SW BARTON	SEATTLE	WA	98126		70/10	LIFE
	WILLIAM E BENNETT	625 109th Ave SE	Belleuve	WA	98004	451-9096	86/01	87/01
#W7AWW	ERNIE DAVIS	4209 SE 101ST AVE	PORTLAND	OR	97266	503-760-2130	73/12	85/12
#W7BUN	JERRY SELIGMAN	12306 80TH AVE E	PUYALLUP	WA	98373	845-7652	79/03	86/03
#W76PW	JIM STRANG	387 E DRY LAKE RD	CANAND ISLAND	WA	98292	387-9510	74/03	87/01
#WA7GHZ	RALPH CORNELL	21211 4TH AVE SO	SEATTLE	WA	98148	878-8119	72/09	87/01
#WA7HWX	JAN HEDBERG	17720 NORTH PARK PLACE N	SEATTLE	WA	98133	542-8975	85/04	86/04
#WA70XM	BOB McGAHUEY	14840 74TH PL NE	BOTHELL	WA	98011	488-7841	80/05	86/05
#WN7NXC	LES JACOBS	14300 103RD NE	BOTHELL	WA	98011	821-8839	74/11	86/01
K6DDW	H WAYNE MADDISON	16646 SE 134TH ST	RENTON	WA	98056		85/02	87/02
K76SE	FRANK REAINGTON	212 225TH PL SE	BOTHELL	WA	98011	486-6610	72/02	86/01
K7KOT	STEVE TILLET	1642 BROWNS PT BLVD	TACOMA	WA	98422	927-5456	70/10	86/01
K7NRH	WARREN NIXON	26908 AVON COURT	KENT	WA	98032	854-9028	84/02	87/02
K7ND	JIM CHRISTIANSEN	6122 36th ST NW	GIG HARBOR	WA	98335	265-3481	70/10	86/07
K7PBT	DICK GENRING	21620 116TH SE	KENT	WA	98031	852-4289	80/06	86/06
K7PFR	JOHN BECKER	21112 NE 60TH PL	REDMOND	WA	98053	868-7915	71/12	86/01
K7PHZ	JIM CARPENTER	2125 ELA SE	AUBURN	WA	98002	833-9017	71/03	86/03
K7PZX	KEN JACKSON	18944 33RD AVE SO	SEATTLE	WA	98188	246-7354	70/10	86/09
K7QMI	TIM SCHWEEBECK	4522 BROOKLYN AVE NE #103	SEATTLE	WA	98105	547-0404	77-04	87/04
K7UTG	PETE HEDBERG	20904 NE 77TH ST	REDMOND	WA	98053	868-1563	70/10	87/01
K7YR	KEN RAU	5430 LAKE ALICE RD SE	FALL CITY	WA	98024	222-7711	72/12	86/01
KA7BQY	BILL KINSINGER	19811 SE 370TH PL	AUBURN	WA	98002	833-7778	82/06	86/08
KA7SEH	TOM PHELAN	16460 51ST AVE SO	SEATTLE	WA	98188	243-5862	84/04	86/04
KB7LR	BOB RULIFSON	14232 SE 23RD	BELLEVUE	WA	98007	746-5192	77/12	86/12
KB7R	JOE FANNIN	108 130TH PL NE	BELLEVUE	WA	98005	454-4991	79/02	86/02
	JACK BURRELL	2432 138TH SE	BELLEVUE	WA	98005	746-4176	80/09	86/09
	GENE E SPRAGUE	10716 23rd Drive SE	EVERETT	WA	98204	206-337-3459	SEC AGR	
KD7NA	BOB DONNELL	P.O BOX 45645	SEATTLE	WA	98145	631-2111	80/02	87/02
KH6ITL	JOE KOENIG	13764 NE 12TH ST	BELLEVUE	WA	98005	644-4517	83/04	86/04
N7ARX	KARL de JONG	20903 NE 77TH ST	REDMOND	WA	98053	868-0457	78/06	86/06
N7AVO	DEBORAH de JONG	20903 NE 77TH ST	REDMOND	WA	98053	868-0457	79/01	87/01
N7BT	GEORGE BOROSS	1402 22ND NE #77	AUBURN	WA	98002		79/03	86/03
N7GVX	FLOYD BOSWELL	12137 SE 276TH CT	KENT	WA	98031	631-9394	84/06	86/06
N7NW	HAL GOODELL	35916 11th Ave SW	FEDERAL WAY	WA	98023	927-7603	74/02	87/01
W7JIE	R.L. GIBSON	1215 N 28TH PL	RENTON	WA	98056	226-4222	75/04	86/04
W7JWJ	HARRY LEWIS	10352 SANDPOINT WAY NE	SEATTLE	WA	98125	523-9117	74/02	86/02
W7JWP	ARNOLD LARSON	15348 70TH AVE NE	BOTHELL	WA	98011	488-7463	84/05	86/05
W7KCY	DICK DIETSCH	16807 NE 89TH	REDMOND	WA	98052	885-6559	76/10	86/01
W7ACU	LEN WESTBO	10528 SE 323RD ST	AUBURN	WA	98002		84/11	86/11
W7PRW	CARL BUTLER	16831 40TH AVE S	SEATTLE	WA	98188	242-6297	70/10	87/01
W7QCV	HAP KING	451 145TH PL NE	BELLEVUE	WA	98007	747-0441	84/07	86/07
W7QGP	MARY LEWIS	10352 SANDPOINT WAY NE	SEATTLE	WA	98125	523-9117	74/02	86/02
W7VIH	PAT SHINNERS	534 N 78TH	SEATTLE	WA	98103	782-6978	79/04	86/04
W7ZLW	VERN NELSON	16812 NE 107TH	REDMOND	WA	98052	882-2907	78/03	86/03
WA7AVC	GORDON CADY	8216 38TH AVE NE	SEATTLE	WA	98115	527-1387	??/??	86/11
WA7EBH	CHARLES STROEHER	19415 SE 21st	ISSAQUAH	WA	98027	392-5303	70/10	87/01
WA7EJY	ARCHIE BRUSH	22516 30TH AVE SO	SEATTLE	WA	98188	878-2833	71/01	88/01
WA7EKH	RAY LESLIE	13517 117TH AVE NE	KIRKLAND	WA	98034-2162	821-4188	71/12	87/01
WA7ELI	LEW RAMBO	11605 NE 150TH PL	BOTHELL	WA	98011	488-9120	71/01	86/07
WA7HQG	JOHN REMNSTROM	9621 9TH NW	SEATTLE	WA	98117	783-2489	71/01	88/01
WA7KBK	DDN REMBAUGH	20175 45TH NE	SEATTLE	WA	98155	362-9189	74/08	87/01
WA7NSD	JIMMY SUTTON	3516 SW 343RD	FEDERAL WLY	WA	98023	927-7088	75/07	86/07
	PAT CARSON	4114 NE 22ND PL	RENTON	WA	98056		72/03	86/06

CALL	NAME	ADDRESS	CITY	STATE	ZIP	PHONE	JOINED	DUES PAID TO
WA7NIW	DICK RADFORD	3003 169TH AVE NE	BELLEVUE	WA	98006	883-9803	72/07	86/01
WA7RJT	CHUCK GRAZIER	13210 231ST SE	ISSAQUAH	WA	98027	392-3764	72/07	87/01
WA7RJW	CHRIS HOLT	RT 1 BOX 105-A	MANSON	WA	98831	509-687-9429	74/01	87/01
WA7TAI	GENE JACOBSON	7334 126TH AVE NE	KIRKLAND	WA	98033	822-3931	74/07	87/01
WA7UEW	DICK LUNDSTROM	34022 43RD S	AUBURN	WA	98001	838-9559	73/01	87/01
WA7UVJ	MICHAEL DINKELMAN	637 2ND AVE S	KENT	WA	98032	854-4031	85/05	86/05
WA7VEB	BOB LOSEY	3425 S 176TH #132	SEATTLE	WA	98188	431-8540	75/11	87/01
WA7WKT	ARNIE SKOOG	30617 2ND AVE SW	FEDERAL WAY	WA	98003	839-2501	74/03	89/01
WB7AYU	MICHAEL CROSS	5803 SW MANFORD	SEATTLE	WA	98116	935-2688	75/08	86/08
WB7DTI	RICK BEATTY	16216 BAGLELY PLACE N	SEATTLE	WA	98133	775-9196	85/12	86/12
WB7DVX	LINDA HOLT	RT. 1 BOX 105-A	MANSON	WA	98831	509-687-9429	75/12	87/01
WB7EAS	HAL PARIS	3405 SO 176TH W-128	SEATTLE	WA	98188	244-0641	78/02	86/02
WB70EV	DEWEY L NEE	8718 236th SW	EDMONDS	WA	98020-6009	771-4869	85/05	87/05
WB7TBR	VICTOR ZUNBRUNNEN	22032 8TH AVE S	DES MOINES	WA	98188	824-2098	85/02	86/02
WB7VJA	PATI SUTTON	3516 SW 343RD	FEDERAL WAY	WA	98023	927-7088	80/12	86/12
WB7WNF	RALEIGH ELKINS	13506 CEDAR CT EAST	SUNNER	WA	98390	897-8090	79/12	86/12

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