

SEATTLE, WASHINGTON

# K7LED RELAY

VOLUME 9

APRIL 1981

NUMBER 12

AN ARRL AFFILIATED CLUB

## CLUB OFFICERS

|                  |                 |        |          |
|------------------|-----------------|--------|----------|
| President        | Hal Goodell     | N7NW   | 927-7603 |
| Vice President   | Harry Lewis     | W7JWJ  | 523-9117 |
| Secretary        | Deborah De Jong | N7AVO  | 883-3012 |
| Treasurer        | Mike Cross      | WB7AYU | 935-2688 |
| Activity Manager | Karl De Jong    | N7AMX  | 883-3012 |
| Trustee No. 1    | Jim Strang      | W7GPW  | 392-5554 |
| Trustee No. 2    | Gene Jacobson   | WA7TAI | 822-3931 |
| Trustee No. 3    | Jim Carpenter   | K7PHZ  | 833-9017 |
| Trustee No. 4    | Dennis Eckert   | KB7ST  | 542-1365 |
| Trustee No. 5    | Bob Rulifson    | KB7LM  | 746-5192 |
| Radio Officer    | Ken Rau         | K7YR   | 392-7954 |

## K7LED RELAY EDITOR

Bob Donnell, WA7TRI, 4522 Brooklyn Ave. NE #316, Seattle, WA 98105, Telephone: 634-2820

The K7LED RELAY is the official publication of the Mike and Key Amateur Radio Club, 23206 S.E. 53rd, Issaquah, WA. 98027. Articles may be quoted in full or in part without prior permission, providing the K7LED RELAY is credited. Deadline is the 1st of each month.

The Mike & Key net meets each Sunday morning at 10 a.m. on 3,930 Khz with Novice and CW check-in on 3,730 Khz and VHF on 146.58 Mhz and K7LED/R 52.37—53.37 Mhz.

Club meets the third Saturday of each month at 10 a.m. at "The Good Neighbor Center" located at 305 S. 43rd St. in Renton, which is across the street from Valley General Hospital.

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**MEMBERS:** 87

## ACTIVITIES

- |          |  |
|----------|--|
| April 18 | Business Meeting 10:00 a.m.<br>Program: Plain Language Amateur Rules |
| April 25 | First Bunny Hunt 9:30 a.m.<br>Meet at Good Neighbor Center           |

## PRESIDENTS CORNER

Well here it is April again. April finds us into spring and the start of a new year for the Mike and Key ARC. The annual banquet is over with and the newly elected officers have taken their seats. It's time to get on with the planning of events for the new year. When I joined this club in the spring of 1973 little did I realize that I would one day hold this office. I find it an honor and hope that I am up to the expectations of the office.

I wish to thank the outgoing president, Al Jensen, WA7TIB, and his officers for a job well done in the past year and to welcome the new officers to the tasks that lie ahead. With the secretary and treasurer retaining office we should have a step up on the job. Our activities manager, Karl deJong, N7AMX, plans to continue having interesting programs for the meetings. If you have any suggestions please forward your comments to Karl. The program for the April meeting will consist of a presentation of the FCC "Plain Language" revision to the Amateur Radio Service rules by the local FCC representative. Some copies of this text have been made available to club members. It would be to our benefit if we can review this important document before hand.

Our outgoing activities manager, George Boros, N7BT, asked me at the officer transition meeting what I would have for a club theme or goal for the year. At that moment I was not able to give George an answer, but I have since given this a lot of thought. I find that as I review the club roster that I really don't know many of the members that well. And perhaps many of the members feel the same way. I think that this could possibly be a good goal for the club. that is to get to know one another better. As a start I would like to have an interview of a member or two printed in the relay. And to start this out I will provide some information about myself.

I have been a ham since 1956. I received my novice license by taking a class that was presented by the Valley ARC of Puyallup. I took the same class the next year and was able to journey to the FCC office and after two attempts pass the General class exam. My first call was W7DNU, which I held until I upgraded to extra in 1977 and applied for and received N7NW. I work for the Boeing Aerospace company as an electronic test engineer. I transferred to Calif. in 1968 and held the call of WA6ICZ until I returned to Washington in 1973. My present interests in ham radio lie in the VHF world. I enjoy very weak signal work on six and two meters. I am presently erecting a new moonbounce array consisting of 8 16 element yagis. With this antenna I hope to complete my WAS on two meters. As other interests I enjoy playing golf, however I am not very good at the game and I am interested in photography. I operate both phone and cw when on the air and can often be found chasing DX or working contests. I hold DXCC and have 296 confirmed. I also hold WAC #10 on two meters, of which I am very proud. I also enjoy building projects especially those involving digital circuits. Well that is about all I can think of for now. SEE YOU ALL AT THE NEXT MEETING.

HAL GOODELL, N7NW



## ACTIVITIES MANAGER'S REPORT

### APRIL PROGRAM

We are pleased to have Edward Kamras, WA2CHI, from the Seattle F.C.C. Field Office as their representative to present the new plain language regulations relating to Amateur Radio. This is an excellent time to provide input to the F.C.C. Plan on being there and, by all means, do participate in the discussions.

### REMINDER

The April 18th business meeting is scheduled to begin at 9:30 a.m. NOTE: This is earlier than usual so make your plans accordingly.

### LAST YEARS RAFFLES

During the past year, you have been most responsive to our monthly raffles. Your help paid for the main Men's Prize at the Annual banquet. I want to thank you all for your generous contributions. My special thanks go to John Rehnstrom, WA7HQG; Gib Gibson, W7JIE; John Becker, K7PFR; and Al Jensen, WA7TIB who had made equipment and parts donations. I hope you will give your whole hearted support to our new activity manager, Karl, N7AMX.

### OUR FIRST BUNNY HUNT

The committee has scheduled the first bunny hunt for Saturday, April 25th at 9:30 a.m. from the Good Neighbor Center. We will all meet there to discuss the rules and procedures to be used and to answer any questions you may have. This can be an excellent time to have a get together as it is more fun bunny hunting with a partner. Plan on bringing your lunch or other refreshment as the Center is available for our use all day.

The guidelines for the first hunt are in this issue of the relay. Note - They are to be used for this hunt and are subject to change as the members see fit.

### OUR MEMBERS

It is always pleasurable to announce whenever someone upgrades. Jack Burrell, N7BVB recently passed the exam for the Advanced Class. Congratulations, Jack.

The month of March has been profitable for several of our members. The following were noticed on the list of winners at Amateur Radio Supply: Jim Smith, KA7APJ; Mike Cross, WB7AYU, Jack Burrell, N7BVB; Gib Gibson, W7JIE; Dick Dietsch, W7KCX; and Mary Lewis, W7QGP.

*George, N7BT*

FIELD DAY FIELD DAY FIELD DAY

Here are the field day chairpersons. Please let them know your participation desires if you haven't done so already.

BANDS -

|                |            |             |
|----------------|------------|-------------|
| 20 Phone       | John       | K7PFR       |
| 15 Phone       | Clay       | K7CR        |
| 15 CW/40 CW    | Steve/Hal  | K7KOT/N7NW  |
| 75 Phone/80 CW | Mary/Harry | W7QGP/W7JWJ |
| 20 CW          | Dan        | KA7FSP      |
| 40 Phone/10 CW | Dennis     | KB7ST       |
| 10 Phone       | Jan        | WA7HWX      |
| VHF Combined   | Dick       | WA7NIW      |

PUBLICITY -

|                              |        |       |
|------------------------------|--------|-------|
| On-site                      | Vern   | W7ZLW |
| P/R & Advance<br>Advertizing | Dennis | KB7ST |

PORTABLE POWER -

|      |        |
|------|--------|
| Mike | WB7AYU |
|------|--------|

SITE COORDINATION -

|           |              |
|-----------|--------------|
| Jim/Ralph | W7GPW/WB7VLW |
|-----------|--------------|

BONUS POINTS -

|  |            |             |
|--|------------|-------------|
| Oscar Contact                                  | Al         | WA7TIB      |
| Natural Power                                  | Gene       | WA7TAI      |
| Passing Traffic<br>Originate Message<br>To SCM | Harry/Mary | W7JWJ/W7QGP |
| P/R - Publicity                                | Dennis     | KB7ST       |

LOG & DUP SHEETS

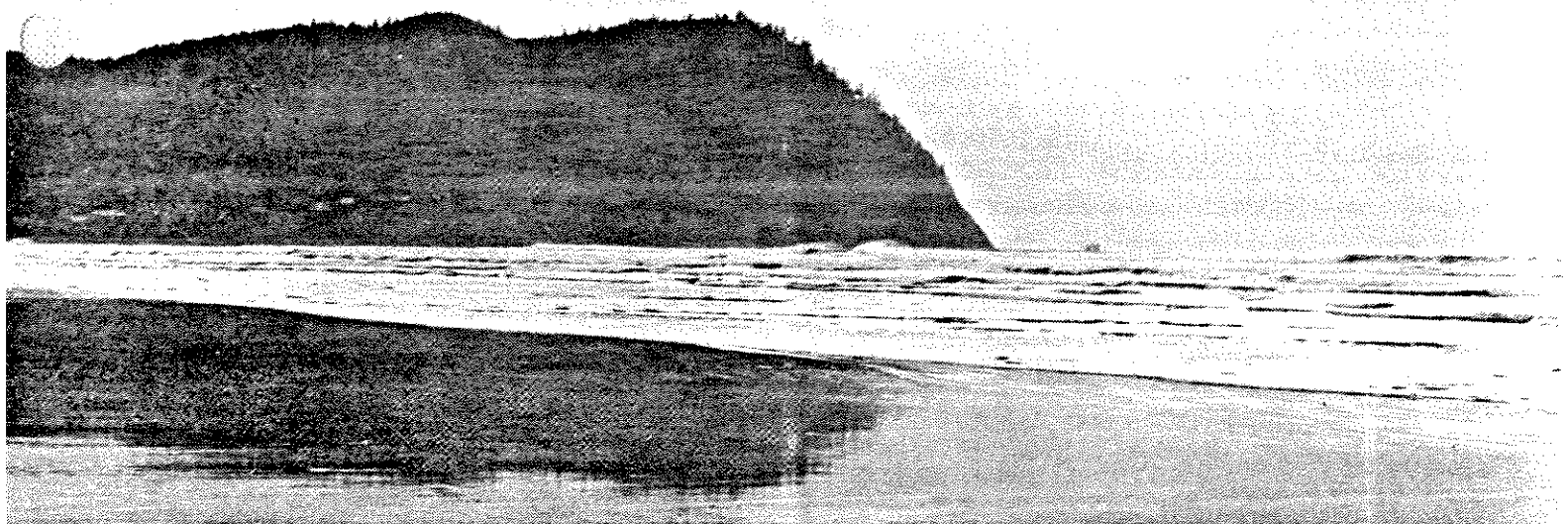
|          |              |
|----------|--------------|
| Vern/Dan | W7ZLW/KA7FSP |
|----------|--------------|

PREPARE & SUBMIT RESULTS

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All these committees are necessary to make field day a success this year. Let me know if there are any additions, omissions, or changes. Remember, Let's Get On With It. June isn't far off.

W7GPW F/D Chairman



1981  
**ARRL NORTHWESTERN DIVISION CONVENTION REGISTRATION**  
 P. O. Box 920  
 SEASIDE, OR 97138

**JUNE 5, 6, 7 — 1981**

*Prizes Galore*

Cubic 103-H.F. XVCR  
 Icom 251a-2 Mtr All Mode  
 Icom 2AT-2 Mtr Hand-held  
 Many more

*Seminars*

DX  
 F.M.  
 E.M.E.  
 Computers & Ham Radio  
 ARRL  
 Etc.

Commercial &  
 Dealer Exhibits  
 Swap Shop  
 Auction  
 Contests  
 Homebrew  
 Rabbit Hunt  
 C.W.  
 Etc.  
 YL & Harmonic  
 Activities

There will be a prize for the largest clam dug.

REG. NR. \_\_\_\_\_  
*(off. use only)*

Mail to: ARRL N.W. Division Convention  
 P.O. Box 920, Seaside, OR 97138

NAME \_\_\_\_\_ CALL \_\_\_\_\_ DATE \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FAMILY REG. \_\_\_\_\_ \$7.00 Number in FAMILY \_\_\_\_\_ BANQUET \$12.50 per person

SINGLE REG. \_\_\_\_\_ \$5.00 DINNERS: SEAFOOD \_\_\_\_\_ BEEF \_\_\_\_\_

SWAP FEST \_\_\_\_\_ \$5.00 per table PLEASE PUT NUMBER AND CHOICE

*If early registrations before May 1, 1981 will receive an extra ticket for the large door prizes.*

**PLEASE MAKE ALL CHECKS PAYABLE TO: ARRL NORTHWESTERN DIVISION CONVENTION**

**COME TO THE BEACH AND HAVE A GREAT TIME FOR THE WHOLE FAMILY. SEE YOU HERE!**

**ADDITIONAL INFORMATION NEEDED** \_\_\_\_\_

**FOR MOTEL RESERVATIONS (Oregon-TOLL FREE 1-800-452-6740 -- others -- 1-503-738-8585**

## GUIDELINES FOR BUNNY HUNTING

This is an activity for members which will provide opportunities to gain further technical knowledge, improve direction finding skills, and a setting for group social activity.

1. Members interested in participating in a bunnyhunt will assemble at The Good Neighbor Center on the date and time set by the Committee. The designated member will then hide the transmitting bunny.
2. The hidden transmitter will operate on 146.58 Mhz., be limited to a power of 4 to 10 watts and using a vertical omnidirectional antenna. Power once established, cannot be changed. It will transmit for one minute and then be off for two minutes and continue this pattern until the hunt is completed.
3. The bunny will be hidden within the boundries set by the committee on a road that is on the map, or close to it. It will not be hidden on a freeway or heavily traveled road. Heavily populated areas are to be avoided. If the location is on private property, it should be easily accessible to a regular licensed vehicle.
4. The participants will consist of a team of one or more persons, in a single vehicle, one of whom must be a club member. No member of the team is to contact anyone outside the vehicle via radio or any other means for the purpose of obtaining help in locating the bunny.
5. Participants must provide their own material, supplies, and equipment. Commercial equipment designed specifically for direction finding will not be permitted.
6. When the bunny is located, the bunny operator will record the name of the participant, his amateur call, the time and the odometer reading of the vehicle. All hunters will return to the Good Neighbor Center after finding the bunny, or one hour after the start of the hunt. The first one to locate the bunny will be the winner.
7. Any participant receiving a traffic or other citation will automatically be disqualified. All are expected to use good judgment in their procedures, actions, and the operation of their vehicles. The Mike and Key Club assumes no responsibility for any liabilities resulting from the hunt. You take part in the hunt at your own risk.
8. Any grievances felt by any participant may be submitted in writing to the committee for settlement.

These guidelines are provided to start this new activity. Suggestions for their improvement are welcomed by the committee.

Committee: Bob Donnell, WA7TRI                      Ralph Funkhouser, WB7VLW  
          Gene Jacobsen, WA7TAI                     Harry Lewis, W7JWJ  
          George Boross, N7BT, Activity Manager

The first hunt is scheduled for 9:30 A.M. Saturday April 25.

# BEGINNERS CODE PRACTICE NET

WA7TRI

There is a new code practice net starting up in the Puget sound basin for "beginners only." Tuesday evenings the Tacoma Novice Net starts at 7:30 p.m. local time on 21.150 MHz. Net Control, Jerry, W7BUN, advises that persons already proficient CW operators refrain from checking in as the net is for beginners and extra check-ins means the net will take a long time as it operates at 5 words per minute. Those of you who are old hands at the code are invited to call newcomers after the net is over and move them off net frequency for a chat. Besides code practice the net will stress the use of proper techniques for zero-beating the net control and several "Q" symbols such as "QST", "QNI", and "QNC". So far check-ins have been received from Seattle to as far south as Olympia, so if you need some code practice to upgrade to General Class, don't be shy.

Other sources for code practice include machine sent code by W6QIE sent every night except Monday on 3590 kHz starting at 8 p.m. local time. His practice starts at 5 words per minute (wpm) and works up in speed in 3 wpm increments (i.e. 5, 8, 11 . . . ). On Friday, Saturday, and Sunday evenings, on weekends when he is available, Harry, W7JWJ will be sending code practice at 10 to 20 wpm. Harry will send from 7 p.m. to 8 p.m. on 3590 kHz until mid-June.

## EDITOR'S COMMENTS

(I'm allowed some aren't I?)

Thanks to Hal, N7NW for his "life history". I too think this is a good idea and hope some of you good readers will become good contributors by telling the rest of us a little bit about yourself, when, why, and/or how you got your start in ham radio, and what areas of the hobby interest you the most. If you have other hobbies, don't forget to tell us about them as well.

Please note: Any other input or articles for the Relay is always gratefully accepted, noting of course, I request that any items that have a time urgency should be in to me by the 1st of the month.

If you have any suggestions for the Relay, please let me know and if possible and practical I will try and implement them. Last and definitely not least; type-written copy is much easier to include than items which are hand-written, so if possible Please type your input - I don't type fast, I don't type gud, and sumti mes my spelling and grammar ain't so gud either!

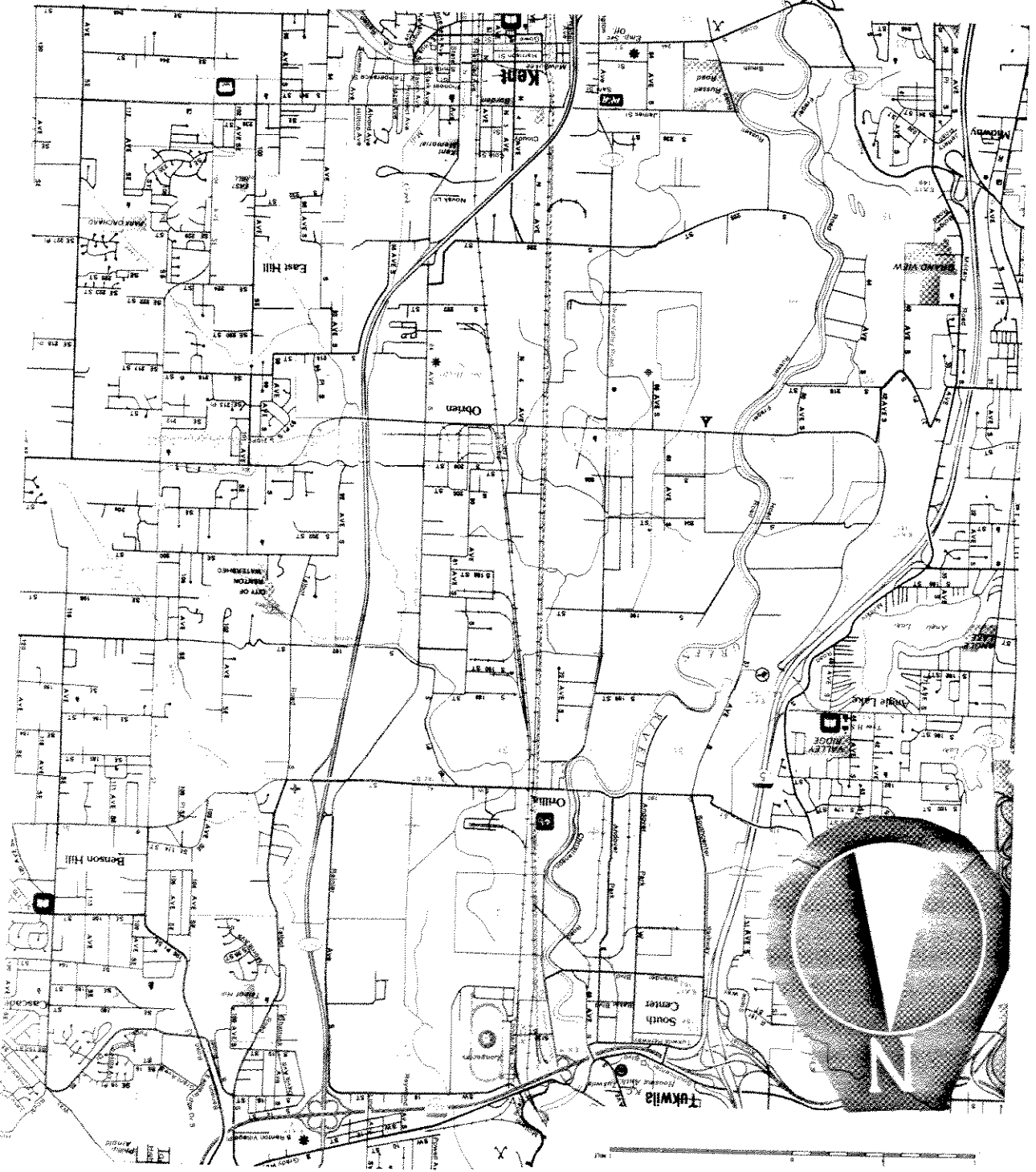
73  
Bob Jones WA7TRI

Editors Note: If you find an orange sticker in the "It's Dues Time" box near the mailing label on your Relay that reminder is for you!

After each hunt, let's have a social. Bring some food or other refreshment for your enjoyment after a good hunt. It would be helpful to all to hold an evaluation get to gether after each event.

NORTH: I-405  
 SOUTH: SR-516 from I-5 to  
 N. Central Ave.; N. Central  
 Carr Rd.; James St. to  
 SR-515  
 WEST: I-5  
 EAST: SR-515 from James St. to  
 Carr Rd.; Benson Rd. from Carr  
 Rd. to I-405

Proposed boundaries for this bunny hunt are:





SHORT BURSTS.....SHORT BURSTS.....SHORT BURSTS

Dick, W7KCX, you and I are both in trouble. We certainly don't want the wrath of Steve, K7KOT, on us. TILLET - with two T's.

The Rambo's, Rau's, Grazier's, and Strang's were missed at the banquet.

Patti Sutton did a great job at the banquet on women's prizes. Don't you think so Marge Rembaugh, Lois Jackson, Marilyn Funkhouser, and Arlene Fannin?

Harry, W7JWJ, off white becomes you!

Overheard Jimmy Sutton, WA7LNQ, saying he went through two bathing suits swimming 50 miles. However, he didn't say whose bathing suits.

Clay, K7CR, don't you know the difference between series and parallel?

The evening must have gotten to Ray Leslie. He volunteered to head the clam brigade again this coming field day.

Speaking of field day, a spy overheard Clay, K7CR, say after receiving the Pop Brown award - "Maybe I had better show up for field day this year".

The first prize wasn't a clam shovel was it Marge! Instead a gift certificate at the Bon Marche for \$100 and a tiny little calculator to keep track of her purchases so Don, WA7KBK, doesn't have to shell out any of his hard earned clams.

CONGRATULATIONS to Ray Leslie and Clay Freinwald - recipients of this year's Pop Brown Award.

Is it true RUFFLES have RIDGES, Mike Cross and Ralph Funkhouser?

Someone should explain to Dennis, KB7ST, that the prize he won at the banquet is not a mate identifying tool!

It was also overheard that the afore mentioned Dennis was laying on the floor - SINGING - behind the counter at a 7-11. Was that before or after the proposal of marriage in the alley?

#### Technical Teasers

What thought goes through your mind when you open that brand new \_\_\_\_\_ (fill in blank) rig and find a resistor with the color code black-black-black-gold?

Which parts drawer do you reach into when the parts list for that neat new project calls for a  $\frac{1}{4}$  watt fuse??

Our thanks go out to Bob Rulifson, KB7LM for his devotion to the providing the donuts and making coffee for the past year at each of our business meetings. The new coffee maker beginning with the April meeting is Jim Christiansen, K7ND.

FROM THE MINUTES OF THE ARRL BOARD OF DIRECTORS MEETING  
Orlando, Florida

77) On motion of Mr. Sullivan, seconded by Mr. Butler, unanimously VOTED the adoption of the following policy statement regarding the FCC proposal for the adoption of so-called plain language rules for the amateur service:

1. ARRL believes that radio amateurs have proven themselves capable of understanding (and obeying) the rules for the amateur service as they are presently written.
2. However, the League does not desire to oppose legitimate attempts to improve and strengthen the manner of presentation of the amateur rules.
3. Therefore, the League supports the concept of plain language rules and will concentrate its comments on the substance of the proposal contained in Docket 80-729.
4. In its study of the proposed rules the League has already identified several areas of concern where it is believed that substantive changes are being introduced. For example, a few areas of concern already identified include:
  - A. The basis and purpose of the Amateur Service appear to be restated in a way which reduces the traditional scope of the rationale for the service.
  - B. The deletion of any specific references in the rules to net operation.
  - C. An apparent error in proposed Rule 30 regarding permitted antenna heights.
5. The League's plan for dealing with Docket 80-729 is to:
  - A. Collect comments from ARRL officials, members, and other interested parties.
  - B. Seek a meeting between ARRL representatives and FCC staff and/or commissioners to discuss areas of concern in accordance with Commission rules for ex-parte contacts.
  - C. File comments offering, where appropriate, constructive alternatives to the Commission proposals.

\* \* \* \* \*

FIELD DAY CAMPSITE RESERVATIONS

I called Don Mustard on March 27 to ask about campsite reservations. Don is Fort Flagler's Park Superintendent and he said that it hasn't been determined if they are going to be able to accept reservations locally or if arrangements will have to be made through Olympia. I will take his suggestion and call back around the first of June and find out for sure.

W7GPW F/D Chairman



\* \* \* \* FRIENDSHIP RECIPE \* \* \* \*

Take some morning sunshine  
Add a smile, some kind words, too....  
Sprinkle in some happy hours  
It's not very hard to do.....

Add a little thoughtfulness  
Stir just enough to blend.....  
Serve it, warm with loving hands  
It's the makings of a Friend!

\* \* \* \* JAN'S TURKEY STUFFING \* \* \* \*

- 1 cup diced onions
- 1 cup chopped finely celery
- 1 t. salt
- 1 t. pepper
- 1 T. sage
- 4 cups uncooked popcorn

Heat oven to 350 and bake until popcorn  
explodes and blows the a-- off the turkey.

\* \* CHUCKLE FOR THE DAY \* \* .... The middle-  
aged man was shuffling along, bent over at the  
waist, as his wife helped him into the doctor's  
waiting room. A woman in the office viewed  
the scene with sympathy. "Arthritis with  
complications?" she asked.

The wife shook her head. "Do-It-Yourself,"  
she explained, "with concrete blocks."

Who's the turkey, Jan?? (Ed.)



SHORT BURSTS.....SHORT BURSTS.....

WANTED: One 1000 cc motorcycle with AM-FM radio, windshield, saddlebags,  
chrome crash-guards, a double buddy-seat and gets 50 mpg, contact Ken,  
K7YR--he will pay up to \$300.00.

How many of you can get free \$20 haircuts? Ask N7AMX how to do it.

WB7AYU, is it true that an APPLE a day keeps the auditor away?

N7AVO has a good memory--will the person who gave her the gift for  
Women's Prizes before the March meeting please identify themselves?

AA7S, Bruce, and his wife will be back from Africa soon.

A committee is a life form with six or more legs and no brains.

Don't forget the April meeting begins at 9:30 AM!!!!

HAPPY BIRTHDAY!!

3-Clay Freinwald K7CR  
12-Marilyn Funkhouser WB7VLT  
16-Steve Tillet K7KOT

19-Jim Strang W7GPW  
23-Bob Donnell WA7TRI  
22-Jim Smith KA7APJ



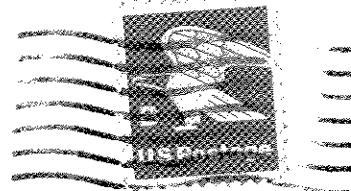
CAN YOU USE THESE?

Need a recent (1980) King County Map? (For bunny hunting, or ???) A free copy of the map is available from the King County Courthouse on 4th and James Street on the 9th floor - Public Works Dept. The map is beautifully done showing the recreational facilities with addresses and phone numbers as well as points of interest along with detailed maps of Seattle, Bothell, Kirkland, Renton, Kent, Des Moines, and Auburn. (A sample of that map can be seen elsewhere within. Ed.)

Are you interested in purchasing integrated circuits? Well, there is a local retail store whose prices are very competitive with national mail order houses. Call on Hanley Engineering at their new address, 13400 NE Northrup Way, Bellevue, or call 643-0792.

**MIKE AND KEY AMATEUR RADIO CLUB**

4522 Brooklyn Ave. N.E., Apt. 316  
Seattle, WA 98105



**ADDRESS CORRECTION REQUESTED**

IT'S DUES TIME



FIRST CLASS

BOB DONNELL WA7TRI  
4522 BROOKLYN AVE NE #316  
SEATTLE WA 98105