



K7LED RELAY

Seattle, Washington

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Trustee #2	WA7EKH	Ray Leslie	
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Trustee #4	K7BNN	Jay Mowry	
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Radio Officer	K7YR	Ken Rau	



The K7LED RELAY is the official publication of the Mike and Key Amateur Radio Club, Inc., 23206 SE 53rd, Issaquah, WA, 98027. Articles for publication should be presented to RELAY Editor, Vern Nelson, W7ZLW, 16812 NE 107th, Redmond, WA, 98052. Deadline is the 25th of each month preceding the date of publication. Articles may be quoted in full or in part without prior permission providing the K7LED RELAY is credited.

The Mike & Key net meets each Sunday morning at 10 a.m. on 3,930 Khz with Novice check-in on 3,730 and VHF on 146.58.

FROM THE EDITOR:

With the deletion of the minutes from the RELAY, I now have space for more information from members. I welcome letters on any appropriate subject of general interest to club members. If you have some thoughts on changes to our club, jot them down and send them to me. Maybe other members have similar thoughts. This can include technical or operating questions which could be answered in the RELAY (provided I find the right person to provide the answer) or discussed at the meeting the following month.

Each month the RELAY will also feature a Swap-N-Shop column for radio and electronic equipment. No refrigerators and beds, please!. Submit all letters and lists of Shop-N-Swap items in writing to reach the editor *no later than the 25th* of the month preceding month of publication.

ELECTRONICS CLASS STARTS SEPTEMBER 27

Electronics classes sponsored by the Mike and Key Club will start September 27. They will be held at the Kennydale Elementary School in Renton. The school is located just east of exit 6 on Interstate 405. The classes will start at 7:30 each Wednesday night.

Instruction will be under the able direction of Harry Lewis, W7JWJ. Harry was quick to point out that this class is not just a Novice class but one that could lead to all levels of amateur radio licenses. So — if you have been procrastinating about upgrading, here's your chance.

In order to make this a true club project, Harry has requested the help of all club members. He would like club members to help teach one or more of the topics to be presented. These topics are:

1. Rules and regulations
2. Radio phenomenon and propagation
3. Operating procedures
4. Emission characteristics
5. Electrical principles (Ohms law, AC, DC, RF, inductance, etc.)
6. Practical circuits
7. Circuit components
8. Antennas and transmission lines
9. Communication practices
10. Morse code (practice during each class session)

Harry is planning on using various types of training aids, such as slides, overhead projection, films, and video tape to present class material. By the way, an overhead projector is needed for the class. Contact Harry if you can provide the projector.

In addition to helping teach, club members can also help towards the success of the class by attending class and taking a student under their wing and giving them one-on-one help. This will provide encouragement for class members to work towards that amateur license.

There will be no tuition charges for taking the class. However, students will be required to purchase study material (ARRL Handbook, a new license manual, and other miscellaneous materials). The total cost for these materials should not be over \$15.

BOARD AND BUSINESS MEETING SUMMARY

In order to provide more space in the RELAY for pertinent news and information, board and business meeting minutes will not be published in the RELAY, but instead will be reproduced and available at the beginning of each business meeting. The highlights of these meetings will be summarized in the RELAY.

Dates for major activities have been set through 1979 as follows:

- | | |
|------------------|--|
| Auction | October 28, 1978. Contact Jim Long if you can help. |
| Christmas Party: | December 2, 1978. Contact Ken Jackson if you can help. |
| Banquet: | April 21, 1979, Ray Leslie, Chairman |
| Picnic: | August 5, 1979 |
| Auction | October 27, 1979 |
| Christmas Party: | December 8, 1979 |

John Becker, activities coordinator, will be scheduling other activities throughout the coming months. In the same vane, John will be scheduling activities as part of our regular club meetings with the aim to shorten the business part of the meeting to provide the time for informative, interesting and/or humorous activities. The first of these will be a short film provided by Harry Lewis. According to Harry, the title is deceiving, so you're going to have to attend the next meeting to find out.

TOUR

The October 21 club meeting will be held at the Pacific N. W. Bell communications facility. Members will be given a tour of the facility following the club meeting. More details on this activity will be provided by Activities Coordinator, John Becker, K7PFR, at the September meeting and published in the October RELAY.

Members voted to direct the SEA-Q-DX committee to disband the committee and dispurse the remaining funds as the committee sees fit. The funds are those remaining following the SEA-Q-DX convention.

The sale of keyers by the club has brought a profit of \$375 so far with 15 yet to be sold. The price is right at \$30, so step right up and take one or two out on consignment. If the 15 are sold, it will add \$450 to the club treasury.

Jerry Kryszek, K7RN, has moved to Oregon for college this fall. Good luck, Jerry. Jerry has been maintaining the club roster and mailing list. This important job will now be handled by Lew Rambo, WA7ELI.

Harry Lewis, W7JWJ, is putting together a film or VTR of the M&K Field Day activities. He would like to borrow any pictures or slides you might have of recent Field Days at Fort Flagler. This will be an excellent public relations tool for the club, so give Harry your support.

Club members not attending required meetings to maintain active membership will be notified in writing and given the opportunity to take an associate membership or be dropped from the club. Let's not let this happen! Take an interest in YOUR club.

FINAL RESULTS OF MIKE AND KEY AMATEUR RADIO CLUB, FIELD DAY – 1978

The statistics listed are in order of the station's contribution toward club score.

Band	Contacts	Dupes	Net	Comb. Sta. Total	Score
40CW	303	0	303	750	1,500
15CW	456	9	447		
20Ph	821	9	812		
15 Ph	593	13	580		580
20 CW	276	9	267		534
10 Ph	410	7	403	429	429
6 Ph	26	0	26		
40 Ph	383	0	383		
80Ph	321	3	318		318
Novice	60	4	56		112
Total	3,649	54	3,595		4,668
				Power Multiple	x2
Final club score, less bonus points to be added by ARRL					9,336

Clay, K7CR, had the following comments on 1978 Field Day:

"After duping all the logs for this year, I can say that the dupe percentage is way down . . . we are doing fantastic in that department, but a couple of other problems have surfaced that need to be worked on before next year."

A complete exchange must be logged . . . that is Call, Report and ARRL Section. This year we lost a considerable number of contacts due to incomplete contacts being logged. Additionally, we need to work on the ARRL section. (Humptulips is NOT an ARRL section!) Perhaps a list of sections and rules at each station would be handy.

THE PRES SEZ!

In May 1978, QST was a story about OSCAR and the uses being made of the "bird" by Amateur Radio clubs back East to show school children something about ham radio. The story sure sounded interesting.

But it also must represent an awful lot of work for a club or for a group of clubs. Building the OSCAR demo station so that it was transportable, easily erected, worked every time, and was simple, was probably the least of the problems. Consider the work involved around Puget Sound arranging for a demonstration schedule among Junior and Senior High schools which coincides with OSCAR crossings and the various school classes. Then there would be the problem of getting enough volunteers to demonstrate the station several times a week. But the biggest problem to be solved would be the results of these demonstrations.

Undoubtedly there would be dozens of young folks who would be "turned on" by the OSCAR demonstration and would then want to become radio amateurs. Where would they turn for their license education and training and helping hands as they worked for their first ham licenses??

Think about the project. It would be a wonderful one for Mike & Key, but I wonder if we could do the job alone? As you will see elsewhere in the RELAY, we are starting a big project with our Amateur Radio training classes in the Renton area. With Harry, W7JWJ, as the leader for the training, Mike and Key members will have a good chance to help themselves. Help ourselves? Yes. By volunteering to help Harry as a guest instructor. What? You don't think you are qualified?? QRNN!!

All of us are qualified in some aspect of amateur radio — we have a license to prove it. But to become even more of an expert, all we need to do is to be a teacher for a couple of classes and we will learn even more. Teaching *anything* is the best way to learn anything. Here's the best chance you can have to upgrade your ticket, or to gain knowledge about some element of ham radio . . . just volunteer to help Harry and his crew and see if you don't learn something. Give it a try — and maybe Mike & Key can think about building an OSCAR demo station one of these days.

73 & C U at a club meeting.

GIB

CLUB MEMBERS ASSIST HEART ASSOCIATION BIKE-A-THON

For the fourth year, M&K members and other area hams provided excellent communications for the 50-mile Heart Association Bike-A-Thon around Lake Washington on Saturday, August 26. According to Chuck, WA7EBH, Communications Coordinator, about 550 cyclists participated in this year's event. The communications were handled on 146.58 and the 28/88 repeater. The following club members participated:

Chuck	WA7EBH	Bob	WB7DGT	Mike	MB7AYU
Lew	WA7ELI	Dick	WA7UEW	Arne	WA7WKT
Les	WN7NXC	John	WA7YIG	Gib	W7JIE
Gene	WA7TAI	John	K7PFR		

Nonclub members were:

Bob Peck	WA7LDG
Dive Birdsall	WB7TMY
Jack Carlson	W7GHO

QSL SERVICE PROVIDED FOR ARRL MEMBERS

Al, WA7TIB, has been using the ARRL Membership Overseas QSL Bureau and points out that it is an inexpensive means of sending out your QSL's. ARRL members may send out as many cards as needed 12 times per year (once per month). The system works as follows:

- a. Presort cards alphabetically by prefix.
- b. Include the address label from your current issue of QST.
- c. Include \$1 (check or money order).
- d. Include a self-addressed, stamped envelope so you get acknowledgement of receipt.

Send to:

ARRL Membership Overseas QSL Service
225 Main Street
Newington, CT 06111

Al said that this takes care of your outgoing cards, but not to forget the ones you are receiving. This you can do by sending a 5 x 7-inch envelope (Call in large block letters in upper left corner) with postage to:

Willamette Valley DX Club, Inc.
P.O. Box 555
Portland, OR 97207

There is no charge by the WV DX club for this service. You can find more detailed information on the exchange of QSL's in each issue of QST under the QSL Corner column.

Mike and Key Amateur Club
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FIRST CLASS