



## K7LED RELAY

Seattle, Washington

Vol. 6 Number 10

February 1979

---

### CLUB OFFICERS

President	W7JIE	Gib Gibson	226-4222
Vice President	WA7RJT	Chuck Grazier	392-3764
Secretary	WA7HWX	Jan Hedberg	883-8535
Treasurer	WA7EBH	Chuck Stroehler	746-4122
Activities	K7PFR	John Becker	885-1941
President Emeritus	WA7TOM	Dave Grant	631-6836
Trustee #1	K7W TG	Pete Hedberg	
Trustee #2	WA7EKH	Ray Leslie	
Trustee #3	WA7HQG	John Rehnstrom	
Trustee #4	K7BNN	Jay Mowry	
Trustee #5	K7CR	Clay Freinwald	
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 Mhz.

---

### ACTIVITIES CALENDAR

February 17

Board Meeting, 7:30 a.m.

General business meeting, 10:00 a.m.

February 25

Ship tour (time set at business meeting)

### THE PRES SEZ:

According to my Funk and Wagnell, an amateur is "one who engages in an activity as a pastime rather than as a profession". A profession is defined as "an occupation or vocation requiring advanced study in a specialized field". (I underlined the two significant words in that last definition). Both of these words just mean that you earn your living from that job!

In other words, a professional person is someone who does a job for pay and an amateur is someone who does something as a parttime without pay.

I just bring up the matter because the current use of the two words in today's society seems to be somewhat in error with the dictionary.

Have you noticed how many people refer to a job as being done "professionally"? The opposite of this must mean it could have been done for free!! What they really mean is that the job was done "competently". And then there are those who giggle about someone's "amateur" job of painting or fixing the car or gardening. In this case, they obviously mean that the job was done incompetently -- rather than meaning it was done without pay.

I suppose that sort of illogical thought follows into our hobby-- we are "amateur" radio experimenters and operators--therefore, we are also incompetent. There are a number of club members who make their living by doing electronic work as a profession. I suppose if I were to use the same logic, when they come home from work and are no longer paid but are now "amateurs", then the quality of their electronics has been greatly reduced because of the name change.

Maybe that's why the word "Ham" has come into vogue, and we find it in common use--we are trying to escape a name. It's unfortunate, but the alternatives such as changing from the name "amateur" to something else, or changing the common usage of a word, or teaching the whole world that "amateur" doesn't mean what they think it means--these are impossible jobs. What to do?

I don't claim any great knowledge either. I'm sure there have been many others much wiser than I who have tried to change the image of amateur radio, so I don't mind repeating their efforts. But it does seem to me that we can do something in a small way--and who knows--it might just develop into an international habit.

If each of us--every time we talk about amateur radio, every time we go on the air with amateur radio, every time we hear anyone talk about amateur radio, and whatever we do with amateur radio, we do our utmost to portray an image of competence, ability, expertise, humility (that's a job for all of us), proficiency, and skill, I feel certain that there will be those who just might become better informed and a little more knowledgeable about the intricate elements in the American language. And amateur radio will profit--we can come out in the sunshine and not worry about any apologies to those who may think amateur is the same as incompetent. It's a pity--but ignorance is a sad thing in any human.

Gib

## JANUARY BOARD AND BUSINESS MEETING HIGHLIGHTS

Deborah de Jong and Bruce Trimble became members of the M&K Club. The amendment to Section II of the By-Laws concerning member attendance was passed.

Jim Long will chair a committee composed of Chuck Stroeher, Jim Smith, Mike Cross, Gib Gibson, and Gene Jacobson to establish running guidelines for club (awards, field day, raffle, etc.). A nominating committee was established for the 1979 elections. The committee is chaired by Pete Hedberg with Lew Rambo, Gene Jacobson, Ken Rau, Mike Cross, Deborah de Jong, Ray Leslie, and Debi Holt serving on the committee.

The M&K electronics class has had a declining attendance, and as a result the classes are being stopped. Several new licenses were earned as a result of this club effort. Congratulations and thanks to Harry Lewis and the other club members who helped teach the class.

There are new net control stations for the Sunday morning M&K net. They are:

Les Jacobs	First Sunday
Pete Hedberg	Second Sunday
Jim Smith	Third Sunday
Harry Lewis	Fourth Sunday

## AWARDS BANQUET PLANS SHAPING UP

The 1979 M&K Awards Banquet will be held at the Greenwood Inn in Bellevue on Saturday, April 21, with the festivities starting about 6:30. The banquet offers a sit-down dinner, music and dancing, and, of course, the introduction of our new officers and the recognition of club members for their contributions to the club and amateur radio. Door prizes will also be awarded, and the bar will be open. The cost is only \$10 per person. The chairperson for this year's banquet is Ray Leslie, WA7EKH (821-4188). Assisting Ray are the following committees:

### Women's Prizes

Jan Hedberg (WA7HWX) (883-8335) Chairperson  
Debbie deJong (883-3012)  
Dianna Becker (885-1941)

### Men's Prizes

John Becker (K7PFR) (885-1941) Chairperson  
Gib Gibson (W7JIE) (226-4222)  
Al Jensen (WA7TIB) (542-6052)  
Carl deJong (883-3012)

### Music

Hal Goodell (N7NW) (927-7603) Chairperson  
Steve Tillet (K7KOT) (927-5456)

If you have any prizes you wish to donate or prize suggestions, contact anyone on the prize committees. If you have particular likes or dislikes as to music, contact Hal or Steve. And above all, make your plans now to attend. Let's make it a 100 percent attendance!

WOMEN'S PRIZES - - - - - WOMEN'S PRIZES - - - - - WOMEN'S PRIZES

Here it is another year gone by and my hand is out again -- asking for women's donations for the annual M&K banquet. If you have a hobby or craft that you would like to share with the rest of us, please get in touch with me or Deborah deJong, 883-3012, or Kaye Eylander, 631-7751. Let's outdo the men this year and really have some fantastic women's prizes. We have had a good turnout in previous years from our "BETTER HALF" members; however, I know that some of our new women members must have something to share. We will need these by the third weekend in April. However, don't wait that long in letting us know that you would like to donate. Thank you in advance.

Jan Hedberg 883-8535

P.S.: If you don't call us, we'll call you! ! ! ! !

MIKE AND KEY ARC TO OFFER NEW INTERNATIONAL AWARD

Beginning February 1, 1979, 00:00Z, the Mike and Key Amateur Radio Club will be offering a certificate to any qualified amateur in the world, honoring their efforts toward furthering international good will and understanding through extended DX QSO's.

As the first certificate of its kind, we anticipate good participation by all amateurs. In a world filled more and more with contest-type QSO's, it is important to recognize those amateurs who take the time to know a little about the person they are talking to, rather than merely exchanging perfunctory 59 QSL VIA BURO messages. By no means is this award for everyone. However, those who receive it certainly will have earned it.

The procedure for qualification has been simplified to avoid excess paper handling. A standardized log sheet specifically designed for this purpose is the only paperwork that will be required.

Qualification is as follows: Log in at least 10 DX contacts of at least 15-minute duration. List these on the log sheet in order of contact. Show the log sheet to any officer of any recognized amateur radio club or association. Once the officer has verified the accuracy of the information, he will sign his name, indicating his club affiliation and position. You will then forward the log sheet only (send no QSL cards) to the address shown on the log sheet, along with \$2.00 for the certificate. Once you have earned the certificate, you are eligible to earn endorsement awards as shown below, as well as the DX RC CC certificate.

CONTACTS\*COUNTRIES\*\*AWARD

10	3	Certificate
25	6	Endorsement
50	10	Endorsement
100	25	Endorsement
200	50	Endorsement
300	75	Endorsement
400	100	DX Ragchew Century Club Certificate
401 plus	100 plus	Endorsements for each 100 contacts over 400 with at least 25 new countries.

\*All contacts at least 15 minutes long.

\*\*A minimum of the number shown is required,  
but no maximum.

All endorsements will be provided for a \$1.00 fee each. The DX RC CC certificate is free for those who earn it.

We hope the first winners in the U. S. will come for our own club. Remember to discuss this with every DX QSO you make. Any contact after 09:00Z February 1, 1979, is eligible. Foreign amateurs need to send a SAE with 1 IRC for information and log sheets, 5 IRC's for the initial certificate and 3 IRC's for any endorsements.

The M&K DX Rag Chew Award is on the air!!

Jim -- KA7APJ

FIELD DAY PLANS PROGRESSING

The planning for the M&K club onslaught for the 1979 field day got off to a good start following the January business meeting. The overall chairman and on-site coordinator will be Al Jensen, WA7TIB. Public relations will be handled by Gib, W7JIE, Power by Mike, WB7AYU, and Traffice Manager, Les, WN7NXC.

The following are the band chairmen and participants:

80 CW	W7JWJ
75 phone	N7AMX
40/15 CW	W7JIE , K7KOT N7NW
20 phone	K7CR
20 CW	WA7YCM, WA3WPY,
15 phone	K7PFR
6/10 phone	K7YR W7GPW
VHF	WB7OUT
Novice	(Open)

All of these stations need help, so contact anyone listed for the band which interests you. They can all use your help as operators and/or duppers. It will take a large turnout for this to be the great success it has been in the past years.

## ACTIVITIES COORDINATOR CORNER

Get to the monthly meeting before 10:00 and you will get a raffle ticket. A special prize will be given to one of the ticket holders at the start of the meeting. The normal raffle will be held after the meeting.

The date for the tour of the new submarine tender being built here is set for February 25. Ken, K7YR, will let us know the time at the next meeting.

Here's a special note for all you mug and tappers! A tour of the Saint Michelle Winery in Woodinville for March. Further details (date, time) next month.

The Seattle Underground tour is now tentatively planned for April.

John, K7PFR

Interested in a bunny hunt???? Contact Al Jensen, WA7TIB.

## WWARA ELECTION RESULTS

The Western Washington Amateur Relay Association elected the following officers at its December meeting:

President	Jon, W7HFZ
Vice Chairman	Len, W7ZZL
Secretary-Treasurer	Clay, K7CR
Board Pos. No. 1	Bob, WA7NAN
Board Pos. No. 2	Don, W7JPH
Board Pos. No. 3	Don, W7OUI
Board Pos. No. 4	Dan, WA7UPP

## GLEANED FROM HAM RADIO REPORT

AMATEUR RADIO FARED QUITE WELL in the FCC's WARC 79 proposal, as further details became available early this week. The biggest gain was the addition of three new HF Amateur bands — 10.1-10.2, 18.068-18.168, and 25.11-25.21 MHz — as exclusively Amateur bands worldwide. A 50-kHz addition to 15 meters, making it 20.95-21.45, is also in the proposed U.S. position, along with a shift 50 kHz downward for 40 meters to make it an exclusively Amateur band worldwide from 6.95-7.25 MHz.

80 Meters Would Become exclusively Amateur from 3.5-3.9 MHz in Region 2, where it's now shared with fixed and mobile services, while 3.9-4.0 MHz would remain shared here as at present. The 10-meter band would remain as is, worldwide.

The Proposed Bottom-60-kHz loss on 160 to AM broadcast would be somewhat tempered by a proposed worldwide allocation of 1860-1900 kHz exclusively for Amateurs with 1900-2000 kHz remaining shared with other services in Regions 2 and 3.

With Two Notable Exceptions, the higher frequency Amateur bands also fared well. The big exception was 220-225 MHz, proposed for a worldwide Maritime Mobile band with Amateurs a secondary user in Region 2 only. Radio location use of the band would be continued as is through 1990 and beyond, too. The other significant loss is the lower part of the 1215-1300 MHz band, with Amateurs bumped from the lower 25 MHz in favor of navigational satellites. The 1240-1300 MHz portion would remain as is, shared with Radio location. No changes appear to have been proposed for 50, 144, 420, or the other higher frequency Amateur allocations, although some may come to light when the actual WARC Report and Order, an estimated 300 or more pages, is released around Christmas.

Amateurs Concerned Over the proposed grab of 220 MHz by the maritime interests should note that there's little to be done about it at this moment, though a letter of protest to a congressman would not be a bad idea. After the official document is released in a week or so formal opposition would be more appropriate, and the ARRL was looking into several possibilities at press time. Note too that the proposal is expected to receive opposition from other services, so any actual "loss" of that band is a long way from becoming a reality.

As To The Importance of these proposals, they are at this point only the FCC's report — a recommendation — to the members of the delegation that will represent us in Geneva next year. It's likely that these recommendations will go to Geneva with little or no change, however, and it is of tremendous importance that our government, one of the key nations of the 150 or so that will be participating, will be entering the conference with such a strong pro-Amateur position.

BROADCAST INTERESTS MAY THREATEN the U.S. Amateur Radio WARC position far more than the question of sharing 220 MHz with Maritime. U.S. international broadcasters, not satisfied with the 865 kHz of new hf spectrum proposed for them in the Commission's carefully worked out WARC Report and Order, are now waging a behind-the-scenes battle to double that amount at the expense of other hf users. If they succeed it will mean cuts for the other services whose hf expansion was proposed in the U.S. position, and, in the process, destroy much of the carefully worked out agreement achieved by various government agencies and industry advisory groups during the past several years.

The Broadcasters' Position is affirmed by a joint separate statement of Commissioners Washburn and Quello that's included in the WARC Report and Order. In it the two commissioners note that the international broadcasters — specifically the International Communications Agency (Voice of America) and the Board for International Broadcasting (Radio Free Europe and Radio Liberty) — want international broadcasting to have another 800 kHz over and above the new 865 kHz already proposed for it, and also point out that the Executive Branch of the government has yet to make its final decision on the potentially explosive issue.

AMATEUR RADIO ENJOYED a generally favorable year during 1978. The U.S. Amateur population passed the 350,000 mark during September, though the growth rate was down at the year's end.

Number 235

January 5, 1979

CW ABILITY WOULD NO LONGER be required but only "recommended" for the Amateur Service, the FCC proposed in its just released final Report on WARC 79. Article 41 of the international regulations now requires that operators of Amateur stations shall have proved ability in Morse code, with the proviso that governments can, if they wish, waive the CW requirement above 144 MHz. Under the FCC's proposed change in Article 41, it would only be recommended that Amateur operators should have demonstrated Morse code ability, without any reference to frequency limits. This change would, the Commission said, permit governments to develop their own licensing requirements.

REGIONAL FREQUENCY COORDINATION to replace the present state by state coordination system was proposed by the Missouri Repeater Council at its December meeting. A new organization, tentatively called the Central States Spectrum Management Association, would be established, with present state coordinators replaced by "regional directors" who'd work together through a computerized data base. Response of such a system would be very quick, and could be extended to other than FM VHF/UHF users.

A Planning Meeting is planned March 10 at the Heritage House Restaurant, Columbia, Missouri. Contact KØLCB for details.

AMATEURS HOLDING MORE than one callsign who wish to retain the call assigned to their secondary station when renewing must be sure to renew well before expiration. One West Coast contest-er lost his prized 1x2 recently when his renewal application, complete with request to reassign his 1x2 to his primary (surviving) station license, arrived at Gettysburg a few days after the license expiration date. As his no longer renewable secondary license had expired, its 1x2 callsign was no longer his and thus could not, under the rules, be assigned to him.

PHASE II OF FCC'S NEW CALLSIGN program goes into effect January 1, with little problem foreseen. Only about 40 Amateurs "jumped the gun" with premature Phase II applications, and if Amateur cooperation continues as good the remaining phases of the program could be introduced earlier than planned.

New Callsigns Issued in the Commission's new series are up to KG4G and KA60 for Extras in those districts, with the others still in the A-x1 series. FCC has issued a detailed rundown of the last callsign in each license class for each U.S. call area and possession as of December 18 — an SASE to HR Report in Greenville will bring a copy of the Commission's release.



FCC'S PROPOSED PROTECTION of its monitoring stations from potential interference (HRR 230) could impact Amateurs in the vicinity of any of the Commission's 13 monitoring facilities. Those stations are located at Allegan, Michigan, Anchorage, Alaska, Belfast, Maine, Douglas, Arizona, Ferndale, Washington, Fort Lauderdale, Florida, Grand Island, Nebraska, Kingsville, Texas, Laurel, Maryland, Livermore, California, Powder Springs, Georgia, Sabena Seca, Puerto Rico, and Waipahu, Hawaii.

Comments On The Proposal, General Docket 78-365, are due at the Commission by January 22, 1979.

IDENTIFYING THE STATION CONTACTED would no longer be required for contacts lasting less than a minute, under a Petition for Rule Making filed recently by K8TMK. Comments on the Petition, RM-3281, must be filed with the Commission by January 20.

AMATEURS WHO CONTACTED JONESTOWN, Georgetown, (Guyana) or the San Francisco People's Temple Amateur stations on November 17 or 18 have been asked to contact the San Francisco District Attorney's office immediately. Investigators there are very anxious to learn of any cult communications that took place just before or during Congressman Ryan's murder or the mass suicide. The desire of any informant to remain anonymous will be respected — call the DA's office collect at (415) 553-1008 or 553-1505.

Clay, K7CR, named to ARRL VHF Repeater Advisory Committee.

#### KEYER MODIFICATION

Solid state keying for blocked grid transmitters! New unit converts your Electronic Touch Mark V to solid state keying and ends the relay chatter. Easy to install inside the keyer. Modified keyer will key negative voltages from 5 to 250 volts. Assembled solid state unit and installation instructions, \$8.00. Hubert E. Minchow, 1065 Lynnwood Avenue N. E., Renton, WA 98055. 206-226-2380.

IT'S DUES TIMEIT'S DUES TIMEIT'S DUES TIME

The following people have let their membership dues expire beyond the 90-day grace period. If you have let your dues expire, you must pay back dues to be reinstated to active membership.

Steve Skalski N7OM  
 Ron Patten WB7AFX  
 Vickey Mowrey WB7ELG

November

Dale Farrell K7MPZ

December

Box Fujii W7OTO  
 Marv Cowles K7ZEF  
 Bob Orr WB7AZW

January

Sue Needham WB7DBZ  
 Dennis Shirrel K7DCG  
 Ralph Cornel WA7GHZ  
 George Dodge W7GQB  
 Frank Remington K7GSE  
 Jan Hedberg WA7HWX

Don Rembaugh WA7KBK  
 Dick Dietsch W7KCX  
 Tim Timberlin K7HF  
 Bill Baker K7LHY  
 Dick Radford WA7NIW  
 Pete Policani K7PP  
 Chris Holt WA7RJW  
 Cliff Lutgen K7SOA  
 Gene Jacobson WA7TAI  
 Bob Losey WA7VEB  
 Bob Anderson W7WJM  
 Janet Margelli WA7WMB  
 Pete Hedberg K7WTG  
 Karon Policani WA7WVJ  
 Charlies Hough WA7ZLV  
 Diana Becker  
 Jane Beatty  
 Kaye Eylander WB7VFH

February

Don Miller WA7FIC  
 Harry Lewis W7JWJ  
 Mary Lewis W7QGP  
 Jim Hoggard K7MBY  
 Hal Parris WB7EMS

1979 AWARDS BANQUET

The eighth annual Mike and Key Amateur Radio Club Banquet will be held at the GREENWOOD INN, 625 - 116th Northeast, Bellevue on Saturday, April 21. Semi-formal attire is requested.

COCKTAILS 6:15 - 7:30  
DINNER 7:30 - 8:30  
AWARDS PROGRAM 8:30

Dinner will be served promptly at 7:30.

MENU

Salad  
Roast Top Sirloin Au Jus  
Mashed Potatoes  
Vegetable  
Dessert  
Coffee/Tea

Dinner, Tax and Gratuity: \$10.00 per person.

Cocktails extra

BAR WILL REMAIN OPEN UNTIL 12:15

Following the program the drawing for Door Prizes will be held.

Pre-recorded music will be provided for your listening pleasure and dancing enjoyment after the drawing.

Send reservations and monies to CHUCK STROEHER WA7EBY, not later than the 14th of April. Make checks payable to MIKE & KEY AMATEUR RADIO CLUB.

ATTENDANCE LIMITED TO 75 PEOPLE, MAKE YOUR RESERVATIONS EARLY.

-----cut on line-----

and mail or give to:

CHUCK STROEHER WA7EBY Treasurer  
13614 SE 43rd  
Bellevue, Wa. 98006

Please make reservations for \_\_\_\_\_ persons at \$10.00 each for the Mike & Key Amateur Radio Club Banquet on April 21st at the Greenwood Inn. Enclosed is \$ \_\_\_\_\_

Name (print) \_\_\_\_\_

Call \_\_\_\_\_

Mike and Key Amateur Club  
c/o 23206 SE 53rd  
Issaquah, WA 98027

FIRST CLASS