



K7LED RELAY

VOLUME 7

JUNE 1979

NUMBER 2

CLUB OFFICERS

President	K7KOT	Steve Tillet	927-5456
Vice President	WA7EKH	Ray Leslie	821-4188
Secretary	WA7UEW	Dick Lundstrom	838-9559
Treasurer	WA7ELI	Lew Rambo	488-9120
Activity Manager	N7NW	Hal Goodel	927-7603
President Emeritus	W7JIE	Gib Gibson	226-4222
Trustee No. 1	K7WTG	Pete Hedberg	883-8535
Trustee No. 2	WA7EBH	Chuck Stroehner	746-4122
Trustee No. 3	WN7NXC	Les Jacobs	363-4169
Trustee No. 4	WA7KBK	Don Rambaugh	362-9189
Trustee No. 5	WA7NIW	Dick Radford	883-0662

K7LED RELAY EDITOR

Vern Nelson, W7ZLW, 16812 N.E. 107th, Redmond, WA 98052 Telephone: 885-0473

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 25th of each month preceding the date of publication.

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

June 16	Board Meeting — 7:30 a.m. Turkey House — South Center
	Business Meeting — 10:00 a.m.
June 23 & 24	Field Day
	No Swap and Shop or M&K net this Sunday
August 5	Picnic

THE PRESIDENT'S VIEW

As you know, Field Day is our next big activity as a club. I am looking forward to perhaps one of the best weekends yet. Since the sun spot activity is very high now, it should produce some of the best band conditions we have seen in many years, and probably some very high band station scores.

Everybody likes going out to Field Day in June for various reasons. In this part of the country you can't bet on the unpredictable weather, and, for those who like good weather and camping out, it is a good time to go. Some of us like operating and making lots of contact. Others like climbing towers and dropping antennas or installing them, putting gas in the generators, making beer pancakes, drinking chilled beer in a DELCO holder, help logging, or just getting a chance to visit with new and old friends. Whatever the reasons for going to F. D., I find it very hard saying, "No, I can't make it this year." It is well worth the trip for many reasons.

Hope everyone can make it out to the F. D. site this year, if for nothing else than to see what Field Day with the Mike & Key Club is really like.

See you at the next meeting.

Steve

HAMFEST SCHEDULE

EVENT	WHEN	WHERE	CONTACT	PRICE
PACIFIC NORTHWEST HAMFEST	July 14-15	Monroe Fairgrounds	H.A.M. Inc. Box 78442 Seattle, 98178	Registration: \$5.00 Under 12 free
GLACIER-WATERTON HAMFEST	July 21-22	3 Forks Campground Essex Mt.	SKIP WB7SFF (406) 54906885	Registration: \$6.00
LANE COUNTY HAMFAIR	July 21-22	National Guard Armory Eugene, Or.	EARL K7KVV (503) 485-5575	Registration: \$3.00 Free Parking
OKANOGAN HAMFEST	July 28-29	Lake Gallagher, B. C.	BUCK W7GSN on 3960, 7 p.m.	
WIMU HAMFEST	July 28-29	Mac's Inn, West Yellowstone		
COLUMBIA BASIN NET PICNIC	August 5	Swauk State Park, (Tentatively)	TINYWA7LOQ or GEORGE WA7JXL on 3960	Free
TACOMA HAMFAIR	Aug. 19-19	Camp Murray, Tacoma	RADIO CLUB-TACOMA W7DK 845-7800	
WALLA WALLA HAMFEST	Sep. 22-23	Milton-Freewater Community Center	TINY or GEORGE on 3960 mHz	Free

BOARD AND BUSINESS MEETING HIGHLIGHTS

The board meeting was held May 11 to effect a change from previous to new officers. Gib, W7JIE, was elected chairman of the board.

Jim, W7GPW, has the club trailer painted and in top shape for Field Day. Thanks, Jim! The treasurer reported a balance of \$2,435.40. The majority of members were not interested in going to a pro-rated system for dues.

NEWS NEEDED FOR THE RELAY

The Relay needs more news input from club members. To make it easier for members to submit items for the paper, a box for that purpose, along with paper, will be provided at each club meeting. If this isn't convenient, call me on the phone (885-0473, home, or work, 885-5000). I will also try to check into the net as often as possible and will monitor 146.55 most Wednesdays at 9:00 p.m. If all else fails, try the U. S. mail -- this is the preferred method. Thanks for your assistance in building an interesting and informative club newsletter.

Vern

HELP!!

The RELAY editor needs a typist. I need someone with a good typewriter to type the paper. Interested? Give me a call at 885-0473, and I will explain the job.

Editor, Vern Nelson

NEW YL AT THE TILLET'S

Congratulations to Linda and Steve (K7KOT) Tillet on the latest addition to their family. An 8-pound, 6-ounce girl was born on June 4 at 10:15 a.m. Steve said that everything was timed pretty good as he left Linda at the hospital on his way to work that morning and was only a half hour late!

FIELD DAY PLANS

The last issue of the Relay listed the band chairmen and those helping. More are needed, so step forward and contact one of these members to join in the fun. Clay, K7CR, this year's Field Day chairman, passed along two very good check lists -- one lists things to bring (don't forget the original of your operator's license!), and the other is a list of ARRL sections and abbreviations (this should be at each operating position).

The ferry schedule between Edmonds and Port Townsend is being revised slightly, so exact times will be available later. See you at the June club meeting for last minute information.

FIELD DAY -- 1979

Because no one is perfect, and because of the location of the Field Day site, here is a list of the things you will need for the weekend.

Any spare items you might have would be useful to those of us that forget where this list is

COMFORT

Food and utensils
Rain gear
Extra clothing and shoes
A warm coat
Gloves
Butt-wipe
Goodies for snacking
Gas Lantern and stove
Flashlight
Batteries for the above
Nonelectric heater
Fuel for the above
Matches
Sleeping bags
Nonelectric clock
First-aid kits
Trash bags
Drinks

EQUIPMENT AND SUPPLIES

Rigs
Tower and supports
Rotor, cables, and controls
110 VAC power cords
3-prong adapters
Extension cords
Lighting for operating area
Spare light bulbs
3-way electrical adapters
Ground wire and clamps
Ground stakes
Misc. nuts and bolts
Well stocked tool box
Soldering iron and solder
Fuses
Paper, pencils, etc.
Spare finals and misc. tubes
SWR bridge
Variac
Operating chairs and tables
Clock
Foot Switch
Match box
CQ machine
ORIGINAL OPERATOR'S
LICENSE
Sledge hammer
Coax and connectors
Barrel connectors
Tape
Backup rigs
Spare microphones
Climbing belts
Hard hats
Power outlets and strips

THE ARRL SECTIONS

(BRING THIS TO FIELD DAY)

Call Area	Section	Abbreviation	Call Area	Section	Abbreviation	
1	Connecticut	Conn	7	Washington	WA	
	Eastern Mass	E Mass		Oregon	Ore	
	Maine	Me		Idaho	Ida	
	New Hampshire	NH		Montana	Mont	
	Rhode Island	RI		Alaska	Ala	
	Vermont	VT		Utah	Utah	
	Western Mass	W Mass		Nevada	Nev	
2	Eastern New York	ENY	8	Arizona	Ariz	
	NYC & Long Island	NLI		Wyoming	Wyo	
	Northern New Jersey	NNJ		9	Michigan	Mich
	Southern New Jersey	SNJ			Ohio	Ohio
	Western New York	WNY			West Virginia	WVA
3	Delaware	Del	0	Illinois	ILL	
	Eastern PA	EPA		Indiana	Ind	
	Maryland DC	MDC		Wisconsin	Wisc	
	Western PA	WPA		Canada	Minnesota	Minn
4	Kentucky	Kent	North Dakota		ND	
	North Carolina	NC	South Dakota		SD	
	South Carolina	SC	Iowa		Iowa	
	Virginia	VA	Kansas		Kans	
	Alabama	ALA	Missouri		MO	
	Georgia	GA	Nebraska		Neb	
	Northern Florida	N Fla	Colorado		Colo	
	Southern Florida	S Fla				
	West Indies (KP4)	WI				
5	Arkansas	Ark	Alberta VE6	ALB		
	Louisiana	LA	British Columbia VE7	BC		
	Mississippi	Miss	Manitoba VE4	Mant		
	New Mexico	NM	Maritime/			
	North Texas	NTex	Newfoundland VE1	Mar/Nfld		
	South Texas	STex	Ontario VE3	Ont		
	Oklahoma	Okla	Quebec VE2	Quo		
	Canal Zone (KZ5)	CZ	Saskatchewan VE5	Sask		
	6	East Bay	E Bay			
		Pacific	Pac			
Sacramento Valley		SV				
San Francisco		SF				
San Joaquin Valley		SJV				
Santa Clara Valley		SLV				
Los Angeles		LA				
Orange		Org				
San Diego		SDO				
Santa Barbara		S Barb				

ACTIVITIES REPORT

WINERY TOUR--

After the club meeting of May 19 a group of about 28 club members and wives enjoyed a delightfull tour of the Chateau Ste. Michelle winery near Woodinville. The tour lasted about 1 hour and ended in the wine tasting room where samples of white Riesling and Chablis were tasted. The grounds at Chateau Ste. Michelle are beautifully landscaped, having once been part of the Hollywood Farm estate of Seattle lumberman Fred Stinson. The original manor house still stands. There's a two-story carriage house, formal gardens, trout ponds, numerous foot paths, hundreds of trees, lush shrubs and flowers.

SEATTLE FOLK LIFE FESTIVAL

Over the Memorial Day weekend several club members volunteered their services to provide communications for the Folk Life Festival held at the Seattle Center. Chuck, WA7EBH, was chairman and has provided a report elsewhere in the newsletter. I would like to say as Activities Manager that this event was typical of the types of events that the Mike and Key ARC has provided communication services for in the past. These events are fun to be involved with. During the months of July, August and September several events have been scheduled that will require our communications skills, I would like to encourage more members to contact WA7ELI, WA7EBH, K7YR & K7WTG if you would like to become involved in a very worthwhile activity. Providing these services have always been a major part of what makes our club tick and can only continue if YOU as a club member take an active part.

FIELD DAY

June 23, 24 are the dates to remember. Clay, K7CR, has a detailed report elsewhere in this newsletter. Our Field Day location at Marrowstone Island is an excellent spot as it not only provides for fine radio propagation but is a great spot to bring the family for just a great weekend.

There are many things for the family to do that are not radio oriented, such as beachcombing, hiking, and just watching the animals, or relaxing in the sun. (Hopefully) I would like to encourage members to come on up even though you're not involved in any band as extra hands are always helpfull.

PICNIC

The date for the picnic has been set for Sunday, August 5th. Tom, WA7TBP, is checking on the availability of the picnic area on Lake Sammamish that we have used in the past. Please mark your calendar and reserve this date for a fun filled time. I need someone to step forward to help organize the event. Contact me if you can help.

SHOW AND TELL

Recently the Membership Motivation committee recommended to the club that we have speakers after the meetings. These speakers may be club members who are involved with something that interests them and would like to share it with the rest of the club. Or the speakers may be from organizations which would present something that would be of interest. You all remember the slide presentation that Les, WN7NXC, gave after a recent club meeting. This is what we are looking for. If you are interested in presenting something please contact me. I also need suggestions of who you would like to have come to our meetings and speak.

TOURS

If you know of a facility or area that would be fun to tour as a club group, please contact me. I would like to setup some more tours that would be interesting and fun. I am presently working on a tour of the Seattle underground for July. These tours are about 1½ hours long and operate weekdays as well as Saturday and Sunday. One possible time would be 7:30 P.M. on Friday or Saturday. I will need to know how many are interested at the June meeting in order to get it setup for July. Also, be thinking of what weekend would be best.

ACTIVITIES MANAGER,

Hal Goodell, N7NW

MEMBERS ASSIST SEATTLE FOLK LIFE FESTIVAL

Communications for the eighth annual Seattle Folk Life Festival were provided by 14 M&K members over the 3-day Memorial Day weekend. The effort was coordinated by Chuck, WA7EBH. Two meter communications were provided between the various performing areas at the Center and net control. Through this effort, the festival operated smoothly. The following helped with this public service effort:

Carl, N7AMX
Debra, N7AVO
Dick, WA7NIW
Pete, K7WTG
Jan, WA7HWX
Tom, WB7OUT
Dick, W7KCX

Mike, WB7AYU
Hal, N7NW
Dick, WA7UEW
Pat, W7VIH
Gib, W7JIE
Gene, WA7TAI
Chuck, WA7EBH

**PUBLIC SERVICE
ACTIVITIES CALENDAR**

DATE	ACTIVITY	LOCATION	TIME	FREQUENCY	CONTACT PERSON	NO. OF PEOPLE
June 23-24	Field Day					
July 14	Moss Bay Race	Kirkland	10 Am	146.58	WA7ELI	5
July 27	Chinatown Par.	Seattle	5:30 Pm	146.58	WA7EBH/K7YR	8
July 30	University Dist	U Dist.	5:30 Pm	146.58	WA7EBH/K7YR/WA7ELI	10
August 3	Lake City	Lake City	5:30 PM	146.58	WA7EBH/K7YR	10
August 3	Desmoines Par.	Desmoines	5:30 Pm	146.52	WA7EBH/K7YR	10
August 4	Torch Light	Seattle	5:30 Pm	Various	WA7EBH/K7YR	40
Sept. 8-9	Fishing Derby	Puget Sound	5:30 AM	146.01-61	K7MTG	-

HR REPORT HIGHLIGHTS

PROPAGATION JUNE 12-26. The recent solar slump appears to have ended as press-time observations of old Sol indicate a flurry of activity. Solar flux has risen to well over the 200 mark, indicating a highly energized ionosphere. As discussed in recent forecasts, the slump was expected to end some time in late May or early June.

With The Recent Upturn in flare activity, the pattern may well continue with an energetic gusto for weeks if not longer, and should change the complexion of conditions experienced recently. Ten meters, in spite of typical summertime handicaps, may come to life with at least some good trans-equatorial openings. East Coasters may see some advantage to Europe and west Asia, and West Coasters to the Pacific and southern Far East. Sporadic E intermix of local skip may cause some confusion and masking of DX, thus careful observance is the watchword.

Twenty Meters Continues to be a most challenging band, with prime openings occurring from late afternoon through early morning (local time). Dark paths are the key, with east stations in the AM and west stations in the PM. Central Asian openings will vary with local geography. Fifteen meters should be a daytime band. Forty through 160 meters will, of course, be subject to the mercy of static and ionospheric absorption, making some northerly circuits most difficult. Trans-equatorial paths will still be workable, especially toward morning.

Disturbances May Be Expected about June 16th to 17th, and again on the 20th through the 23rd. Large flare-induced upsets, of course, may commence at any time. The current upswing in activity suggests keeping watch on WWV at 18 after the hour for late updates.

HOT RADIOS WERE SEIZED at the Dayton Hamvention flea market Saturday afternoon and a New York man jailed in connection with their theft, after two Rockland County (New York) detectives saw him sell a hand-held to a Wisconsin Amateur. The radio was one of 11 stolen from Rockland County Community College in a \$30,000 burglary, and two Dayton-area men — one of them reportedly an Amateur — were also supposed to be involved in the theft and sale of the stolen goods.

With The Hamfest Season just getting into full swing, this incident points up the need for caution when buying at flea markets — particularly when current commercial equipment is involved. When in doubt, don't buy; when you do, get a receipt.

USE UP SMALL QSL CARDS NOW, because a new postal regulation that goes into effect on July 15 will prohibit the mailing of post cards smaller than 3½" x 5". After July 15, QSL cards that don't measure up will have to be mailed in larger envelopes with full, first-class postage.

SHIFT OF RFI RESPONSIBILITY from manufacturers of susceptible equipment back to users of transmitting equipment (specifically CB, but certainly including Amateurs) was the theme of a May 27 Washington Post article by Norm Eisenberg, contributor to the Post's Bookworld section. In his piece he underscores "the danger that the responsibility for such interference may be placed on the equipment interfered with," thus causing the "victims" to be penalized. He further follows the traditional manufacturer's line that RFI preventative measures would degrade equipment performance and raise prices, urging readers to write their Congressmen opposing the RFI measures of the proposed rewrite of the Communications Act. Thanks W3WU.

FCC'S AMATEUR RADIO SYLLABUS is more accurately a guide to current Amateur rules and practices than to the current exams, as HRR 254 implied. Exam content follows the syllabus, so the syllabus review should lead to future Amateur exams that will more accurately reflect the service's needs.

DRAKE "C"-LINE production has been cancelled, according to dealers who received the word in a March 29th letter from Miami-burg. Apparently, the decision was prompted by a need to focus the company efforts on present TR-7/R-7 demands, coupled with a lack of parts for another "run" of the T-4XC/R-4C twins.

MIKE AND KEY AMATEUR CLUB
C/O 23206 SE 53rd
Issaquah, WA 98027

FIRST CLASS