



K7LED RELAY

Seattle, Washington

Vol. 6 Number 7

Nov
October 1978

CLUB OFFICERS

President	W7JIE	Gib Gibson	226-4222
Vice President	WA7RJT	Chuck Grazier	392-3764
Secretary	WA7HWX	Jan Hedberg	883-8535
Treasurer	WA7EBH	Chuck Stroehrer	746-4122
Activities	K7PFR	John Becker	885-1941
President Emeritus	WA7TOM	Dave Grant	631-6836
Trustee #1	K7WTG	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.

ACTIVITIES CALENDAR

November 18	Board Meeting, 7:30 a.m. General business meeting, 10:00 a.m. Pacific N. W. Bell Tour 1600 Bell Plaza (see map)
December 2	Christmas Party McMicken Heights Improvement Club 6:30 p.m. (see flyer)
Every Wednesday	Electronics Class Kennydale Elementary School Renton, 7:00 -- 9:30 p.m.

OCTOBER BOARD AND GENERAL MEETING HIGHLIGHTS

The Treasury has a \$2,164.26 balance. A portion of this will be put in a savings bank.

President Gibson requested that if members have ideas for use of M&K funds such as towers, antennas, club flag, etc., that these thoughts be submitted in writing to the Board.

The Puget Sound Travelling Trophy was presented to the club president by Les Jacobs. John Becker will start building the club's addition to the trophy, which must be taken to another club within two months.

Club call awarded to Gene Jacobsen, WA7TA1.

It's later than you think! Clay, K7CR, will hold the first Field Day meeting following the January club meeting. The club trailer needs a work party to do some painting and general maintenance.

THE PRES SEZ:

At our board meeting last Saturday, the subject came up about a project for the club. Some sort of project that ALL club members would be interested in and a project that all could work at if they wanted. Several good ideas were proposed, but we felt that the membership should be polled and the project idea come from you. So here is the question: "What project or projects do you want to see the Mike & Key Club undertake?" Call or write any of the club officers and give us your input before next meeting so we can develop the material before we get kicked out of office.

Some possible projects could be: A year-around electronics class run by the club and most of the membership participating in the class. --- How about a "speakers' bureau", where club members go around and speak at meetings of civic clubs, telling the amateur radio story. --- Maybe the club should assemble kits and instruction manuals for distribution to foreign hams to help them get on the air. --- Or expand on the "buddy" system and each club member "adopt" a non-ham and help them become an extra class license in a year's time. --- Maybe we could build a complete mobile emergency communications station for use in public emergencies ... and even demonstrate it at shopping malls, etc. --- How about an "Oscar" demonstration station to use at high schools in the Puget Sound area? --- Maybe we should get involved with the Citizen Band REACT program and help them become even more effective in their work.

The list can be expanded and I'm sure there are many better ideas than these few, but we need your input. Do it today because tomorrow may be cancelled for lack of interest.

The September 14, 1978, Record-Chronicle carried a story with a smiling Gib in his shack. This is the kind of publicity ham radio needs.

The world his stage

'Ham' is an amateur, but his voice carries

By ED EATON

M.L. "Gib" Gibson lives in a modest home in Kenndale, just north of Renton, but his home is really the world.

In a corner of that home Gib Gibson has built a radio station. He doesn't have any turntables for records or a teletype machine feeding him news to read over the air. Gibson is an amateur radio operator.

Like thousands of other "hams" around the country, amateur simply means he doesn't get paid for going on the air. He has nothing to do with his quality of performance.

Gibson, president of the Mike and Key Amateur Radio Club with members from throughout South King County, has been a ham since 1938 and during those years has put together an impressive radio station with a variety of transmitters and antennas. His walls are covered with awards he has won in amateur radio competition.

Worldwide friendships

Gibson talks with friends all over the world, using both oral and Morse Code communication. Morse Code is an international language, a favorite means of communication by many radio operators.

He is able to use two orbiting satellites that amateurs teamed to build, test, and launch at a cost of \$60,000. Six times a day one of the satellites is within range of his station for 20 minutes at a time.

The satellites not only enable hams to talk to each other but are used to teach high school students about satellite communication and ham radio.

One of the common misconceptions about amateur radio operators is that it takes a great deal of money to buy the equipment to get started.

"It only costs the price of the license," Gibson says. He started with a discarded radio that he rebuilt, adapted other surplus items into an antenna and was on the air, talking to other hams all over the world. Today he has a enough equipment that his station looks like a communications center. But it is "modest" compared to others, he insists.

No chasing golf balls

"I didn't have to buy a boat for my hobby," he says. "I don't buy golf balls and chase them around a course. I don't get into bowling leagues. And whenever I'm with my hobby, my wife knows right where I am."

Through his hobby he meets people, learns and develops skills in electronics, competes with other hams, and actively experiments with electronics. For instance, he and other hams operated a transmitter off a bicycle generator, just to see if it could be done. They have operated transmitters using solar panels, getting their power strictly from the sun.

Amateur radio operators like Gib Gibson take pride in the community service they provide such as helping coordinate the Seafair Torchlight Parade, directing all the communications for a salmon derby, and handling all the radio operations for a cross country mountain sports car race.

One thing hams don't appreciate is being compared to citizen's band operations.

"It's like comparing a motor bike with a truck," said Gibson. "They both use highways, run on wheels, carry people but one's a bike and one's a truck."

Nothing like CB

CB is prohibited by law from talking any great distance, he said, but amateur radio operators are encouraged to talk over the greatest possible distances. CB operators are not allowed to modify their equipment and that's the name of the game with some hams — modifying radio gear is part of the thrill of that particular hobby. Also hams have hundreds of channels whereas CB operators are limited to 40.

Just like professional radio stations, hams have to keep a log of all their communications. They do not have to file that log with the FCC but they have to have it available should the agency ask to see it.

Right now hams are limiting their communication to the world, but if life is discovered on other planets, if space travel becomes common, it may not be unusual to hear Gib Gibson dot-dashing his personal call letters W-7-J-I-E to some distance listener.

DES MOINES, WASHINGTON, PASSES RESTRICTIVE ANTENNA/TOWER ORDINANCE

On October 6, 1978, Des Moines passed a restrictive antenna/tower ordinance. In summary, the ordinance restricts antennas and towers to:

1. No greater than 15 feet above the building.
2. Nothing larger than what would be inside a 4-inch-diameter circle.
3. Does not encroach into the front, side, or rear setbacks.
4. Maximum allowable 3-dimensional space intrusion of 1,200 ft³ for single ground plane antennas with a single driven element and 200 ft³ for beams and grids.
5. Variations of 10% may be granted.
6. Present antennas have one year to conform.
7. Permits are required for new or revised antennas and towers.

These types of restrictions will make it difficult, if not impossible, for hams to enjoy their hobby and provide the public service. If other localities should consider similar ordinances, we need to band together to prevent further encroachment on our activities. The following is a letter President Gib received from WB7TBR:

October 20, 1978

To: William Goodloe WA7GWJ
Charles Grazier WA7RJT
M. L. Gibson W7JIE
Mary Lewis W7QGP
Robert Orr WB7AZW
Jerry Williams W7WS

Subject: Antenna ordinance #445 in the city of Des Moines, Wash.

This letter has three purposes:

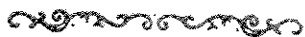
1. To provide each of you with copies of the ordinance which was approved by the City Council on October 6, 1978. You may wish to make this information available to your respective clubs.
2. To offer my sincere thanks to the Mike and Key Club members for their support and attendance at the several City Council meetings during which this ordinance was discussed. As a "new" ham, I don't have the experience needed to guide a city council in the preparation of a complex ordinance. You will not like some of the provisions of the ordinance, but we tried and were recognized. Thanks again!

3. I'm sorry to say that I received no counsel or support of any kind from the Boeing Employees' Amateur Radio club. Before the first public meeting on this ordinance, I called Bob Orr twice and Jerry Williams twice, asking for ham attendance at the hearings.

We all know that this type of legislation has an uncanny way of creeping into adjacent areas, so in my opinion we should band together to at least try to get the inevitable controls written more to our liking.



Victor ZumBrunnen
22032 8th Ave. S.
Des Moines, WA 98188



73s
WB7TBR
Vic ZumBrunnen
Boeing Phone 773-9458
Home Phone 824-2098

NEED A MIKE AND KEY NAME BADGE?

If you are in need of knowing who you are, why not order a Mike and Key name badge. The cost will be \$4.50, and Jan Hedberg is in the process of taking orders. Don't wait too long to let her know. The order will be going in the first of December.

SELL -- BUY -- SWAP

Drake, TR-4C 80-10 Meter Transceiver w/power supply, speaker, noise blanker and 10 meter Xtals. Excellent condition, \$625. Pete, K7WTG

Collins R-390-A General Coverage Receiver, \$425. Pete, K7WTG.

NOVEMBER ARRL SWEEPSTAKES

Logs and summary sheets for use during the November ARRL Sweepstakes Contest, as announced in last month's RELAY, are attached to the RELAY. The contest runs on two weekends -- November 5th and 6th CW and November 19th and 20th phone. Complete rules and further information can be found in the October issue of QST. Please send a copy of your summary sheet to the club secretary -- Jan WA7HWX. See you on the air.

Pete, K7WTG

HIDDEN TRANSMITTER HUNTS

Al, WA7TIB, promises more info on techniques and equipment for a bunny hunt sometime in the spring when the weather is not so blustery. So Al, and others, get your ideas in the RELAY, because the more the merrier on the hunt!

BITS AND PIECES

Clay, K7CR, heard from Dennis, K7DCG and Donna, WB7DYR. Dennis finally broke down and is on two meters but is still very active on six, and when six opens from the San Diego area where he is in the Coast Guard, he will try the 29 repeater.

MEMBERSHIP

The club now has 93 members, which is a lot less than a year ago. Let's all promote our club and bring in new members. Interesting activities are brewing, so let's build the club.

The following members were dropped in September for non-payment of dues:

Nick Winter	WA7IVO
Mike Berck	WA7OMP
Walley Young	W7ZSL

The following member's dues were due in October:

Rick Beatty	WB7DTI
Jim Christiansen	K7ND
Dave Munyon	W7DVB
Debbie Berg	WB7SJT

A committee, headed by V. P. WA7RJT, has studied the recent attendance amendment and will be presenting a new amendment to the Board for their consideration.

K7LED FIRST IN CLASS A AREA 7 FIELD DAY RESULTS

The official 1978 Field Day results are in. The M&K club racked up 10,141 points on 3,595 contacts. This was good for third place overall in class 7A. This was down from 1977, where we had 11,018 points on 3,819 contacts, which was good for first place in the 7A standings. See the November 1978 QST for full details.

CHRISTMAS PARTY

The Mike and Key Amateur Radio Club presents its Seventh Annual Christmas Party to be held at the McMicken Heights Improvement Club.



POTLUCK DINNER

Saturday December 2, 1978

BYOB AND MIXER

Ice Provided

Main Meat Dish will be furnished

You provide appetites

Jacket and Tie

LIVE MUSIC – ENTERTAINMENT

Attitude adjustment hour begins at 6:30 p.m.

Dinner from 7:30 – 8:30

\$5.50 per person

COME AND JOIN
THE FUN!

Talk in on
WR7ACS
Repeater
147.80-20

DON'T MISS THIS ONE – Return your reservation today!

Food Coordinators - - - - LINDA AND DAVE GRANT Phone 631-6836

Call and let us know what Potluck dish you are planning to bring.

CLIP CLIP CLIP CLIP CLIP CLIP CLIP CLIP

Mail your reservation before November 27th to:

Ken Jackson, 18944 33rd Avenue, So., Seattle, WA 98188. Phone 246-7354

Name _____

Make checks payable to:

Number in your party _____

Mike and Key Amateur Radio Club

Amount enclosed _____

Type of dish you prefer to bring: Hot _____ Cold _____



Do not write above this line.

ARRL November Sweepstakes

CALL USED CW PHONE ARRL SECTION (P. 8 QST)

NOTE: Separate logs must be submitted, with separate summaries, for each mode.

SCORING: _____ QSO points x _____ sections = _____ claimed score.

Count 2 points per complete QSO. [Cross out sections worked on the list below.]

Claimed Score	QSOs	Sections	DC Power	Hrs. of Oper.
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- Single Operator Station
- Multioperator Station (show calls of ALL operators, loggers)

Club participation? Yes No
 If yes, print the name of your ARRL Affiliated Club: MIKE & KEY AMATEUR RADIO CLUB

Equipment Description:

Transmitter Receiver

Antennas

"I have observed all competition rules as well as all regulations established for amateur radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the ARRL Awards Committee."

Date Signature Call

Note your soapbox and other comments. Enclose your photos, as well as your SS logs and check sheets, and mail promptly to: ARRL Communications Department, 225 Main Street, Newington, Connecticut 06111.

MULTIPLIER CHECK-OFF LIST

1	2	3	4	5	6	7	8	9	0	VE
Conn	ENY	EPa	Ala	Ark	EBay	Ariz	Mich	Ill	Colo	Mar-Nfld
EMass	NLI	Del	Ga	La	LA	Ida	Ohio	Ind	Iowa	Que
Me	NNJ	MDC	Ky	Miss	Org	Mont	WVa	Wisc	Kans	Ont
NH	SNJ	WPa	NC	NMex	SBar	Nev			Minn	Man
RI	WNY		NFla	NTex	SCV	Oreg			Mo	Sask
Vt			SC	Okla	SDgo	Utah			Nebr	Alta
WMass			SFla	STex	SF	Wash			NDak	BC
			Tenn	C.Z.	SJV	Wyo			SDak	VE8
			Va		SV	KL7				
			W.I.		Pac.					

(CROSS OFF EACH NEW SECTION AS WORKED.)

Print or type:

NAME: _____ CALL: _____

ADDRESS: _____

THE UNIVERSITY OF CHICAGO

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ARRL Sweepstakes

CALL USED.....

ARRL SECTION.....

SENT

PREC	CALL	CK	SEC
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C.W.

PHONE

Separate logs and summary sheets required for each mode.

RECEIVED

BAND	DATE	TIME ON/OFF	TIME	NR	NR	PREC	STATION WORKED	CK	*SECTION	POINTS
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ARRL Sweepstakes

CALL USED.....

ARRL SECTION.....

SENT

PREC	CALL	CK	SEC
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C.W.

PHONE

Separate logs and summary sheets required for each mode.

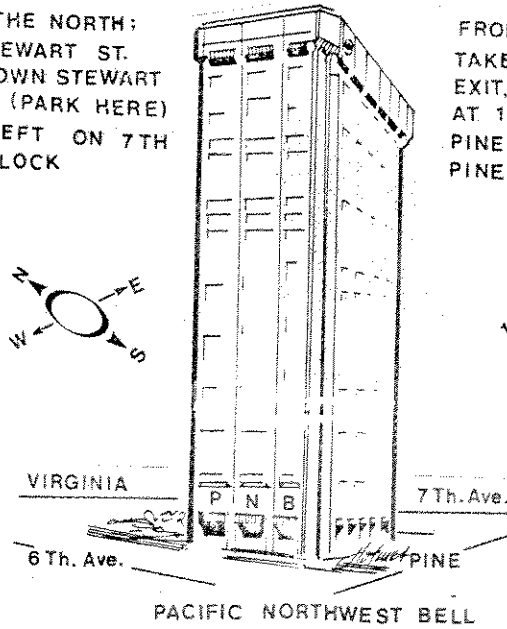
RECEIVED

BAND	DATE	TIME ON/OFF	TIME	NR	NR	PREC	STATION WORKED	CK	*SECTION	POINTS
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				5						
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NEXT **MIKE AND KEY** NOV 18
MEETING

I-5
FROM THE NORTH:
TAKE STEWART ST.
EXIT DOWN STEWART
TO 7TH (PARK HERE)
TURN LEFT ON 7TH
ONE BLOCK

I-5
FROM THE SOUTH:
TAKE OLIVE WAY
EXIT, TURN RIGHT
AT 1ST CORNER TO
PINE - RIGHT ON
PINE TO 8TH



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

FIRST CLASS