

# K7LED Relay

## Special Edition

Volume 24, Number 7-S

Page 1 of 3

July, 1996



*The Kids!*

**Mailing Address**  
PO Box 2121  
Kirkland, WA 98083  
**Internet Address**  
mikeandkey@aol.com

**RELAY Editor**  
Jack Grimmatt (N7IHS)  
PO Box 13  
Issaquah, WA 98027

**Telephone**  
(206) 392-9510

**Fax**  
(206) 392-5871

**e-mail**  
grimmatt@halcyon.com

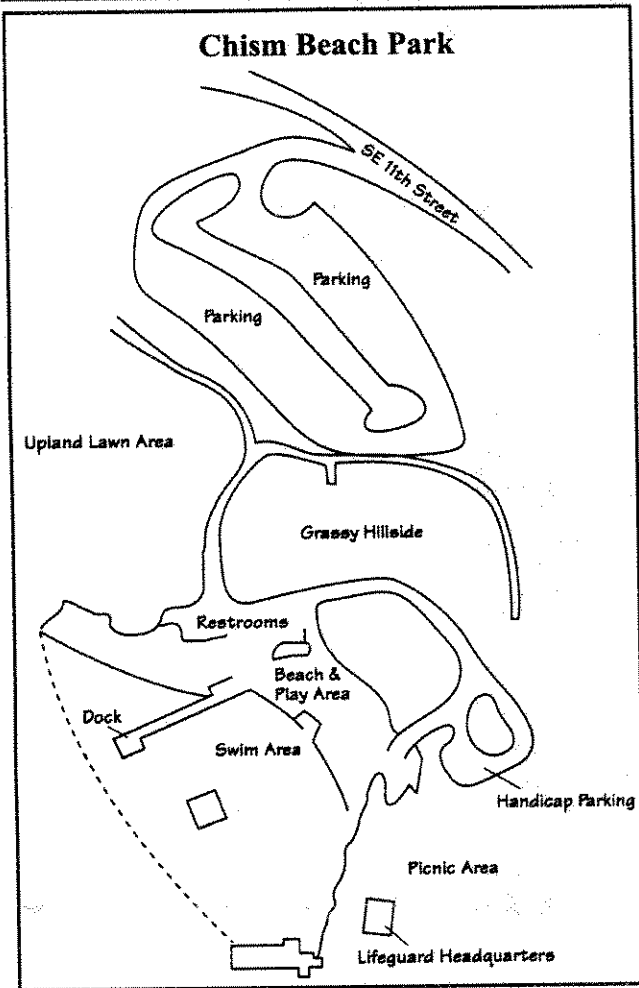
### Thanks for the Oscillators *Katie Taylor, KC7MPH*

Once again, I have lost the race against time. School was very difficult to put closure on this year because of the many commitments and committees that I am involved with. However, I am back on track again and realize that I have overlooked the club members in not reporting how the oscillators were used. Carolyn came into my classroom one afternoon in May and put on quite a show for my students. She did a marvelous job discussing the many ways that people communicate with each other and introduced how Ham Radio fits into the picture. She put out a call to Ham Radio Operators in the greater Seattle area to report back to the students with their name, call sign, and location. While one student was talking, the others were plotting the caller's location on Seattle maps. Every student had the opportunity to talk on the radio. It was a terrific lesson on map skills as well as communication. A special thanks to those of you who were available to assist us with our project.

After the student returned from recess, Morse code alphabets were handed out and each student was given an oscillator to use. As you can imagine, the room was quite noisy and many didn't want to end the activity at the end of the day. My students had many enjoyable activities with the oscillators and I am looking forward to involving Ham Radio into my lessons next year. Thank you again for donating the oscillators and all the time and effort that was put into providing them for my school.



*The Prez and the Kids!*



### Club Picnic

Saturday, August 24 starting at 12 noon is The Mike and Key 1996 Summer Fun Family Picnic and Dessert Contest. By popular demand, this year's picnic will again be at Chism Beach Park on Lake Washington in Bellevue. There is a wading and splash beach for small children, a swim beach (both have life guards), fishing pier, boating, ball field, croquet, and heart stopping views of the Seattle skyline, sailboats and sunsets. There are two parking lots (upper and lower). The lower lot has handicap parking and easy access for strollers etc.

The club will provide hamburgers, hot dogs, pop and all the fixens. Each family attending should bring a pot luck picnic item. Above is a map of Chism Park and the following are the directions to get there.

Directions to Chism Beach  
1175 96th Ave SE, Bellevue

- From I-405 take the NE 4th exit. Drive West on NE 4th.
- Turn left on Bellevue Way Rd.
- Turn right on Main St.
- Turn Left on 101st Ave. SE
- Follow the road as it curves uphill, Chism Park is on the right at SE 11th.

### Little LEOs

Harry Lewis, W7JWJ

The following article was extracted from "The Pacific Division Update". The July QST editorial explains the ongoing threat posed by the request of the **Little LEO** satellite service for groups of frequencies. Those candidate frequencies are: 138-144, 144-148, 216-218, 380-400 MHz and all of the frequencies extending from 400 to 470 MHz. Of course this takes in the 70 Cm Amateur Band. In addition blocks of frequencies are requested in the 700 to 900 MHz range and the band extending between 1427-1432 MHz.

But just who are these Little LEO folks? The consultants, who are members of the informal working group (IWG-2A), are Mary Kay Williams of the "Final Analysis, Inc." and Leslie Taylor, President, LTA. The chair of IWG-2A states that he does not have authority to change any of the candidate bands. Therefore the problem will not be resolved until at least November '96 when the IWG completes their preliminary work.

In 1993, the FCC allocated several bands to the Non-Voice, Non-Geostationary (NVNG, low-Earth orbit (Little Leo) Mobile Satellite Service, which uses small satellites at 650-1300 mile altitude to provide data communication services.

The NVNG service is based by the Amateur Satellite Service. Approximately 13 million commercial NVNG user terminals are expected to be in service by the year 2000.

Orbcomm (Orbital Communications Corp.) is a joint venture between Orbital Sciences Corporation and Teleglobe Canada. They have two satellites in orbit with plans to launch the remaining constellation for a total of 36 satellites, beginning around the end of this year. Starsys (Starsys Global Positioning, Inc.) are expected to begin launching their constellation by 1998.

Additional companies that have applied for Little LEO licenses are GE Astro Space, Final Analysis, E-Sat, and LEO ONE USA.

Comments by e-mail should be sent to: [wrc97@fcc.gov](mailto:wrc97@fcc.gov). At the top reference ISP96005.

## CONGRATULATIONS!

Congratulations to the newest members of the Mike & Key ARC.

*Li-Sheng Chiu, KC7PXM*  
*George Hammel, WA6MYU*  
*Larry Smith, Jr., AB7FJ*  
*Bill Waesche, KE7CG*

**RADIO CLUB OF TACOMA, W7DK**

**Tacoma  
Electronics Fleamarket**

**Saturday, August 10, 1996  
Charles Wright Academy  
7723 Chambers Creek Rd West  
Tacoma, WA  
Open 9 AM to 3 PM**

**Admission \$4 (12 and under FREE)**  
Overnight RVs: \$2 (Self Contained - Friday Night Only)  
RVs: Pay upon arrival and receive parking assignment

**License Examinations - 10 AM**  
Bring original plus photocopy of license and a  
check for \$6.05 made out to "ARRL/VEC"

**For More Info call Alan Hughes at:  
206-840-4947 or 206-596-7472 (pager)**

- ☞ **FREE Parking**
- ☞ **Ham Gear**
- ☞ **Commercial Displays**
- ☞ **Computers & Electronic Equipment**
- ☞ **Country Store Available for  
Consignment Sales**

☺ **Talk - In on 147.28+** ☺

**RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY**

**Make Checks Payable to RCT Setup Friday 5 - 9 PM and Saturday 5 - 9 AM**

**Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411**

#	Description	\$
	Non - Commercial Tables @ \$15 each All Tables sold do not include any admissions	
	Seller/Helper Admissions @ \$4 each We reserve the right to limit the number of helpers	
	Commercial Booths @ \$40 each includes 2 admissions	
Total Enclosed =		

Name: \_\_\_\_\_  
 Call: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_

Do you Need Power? YES NO  
Power Is Limited, First come First Served

table

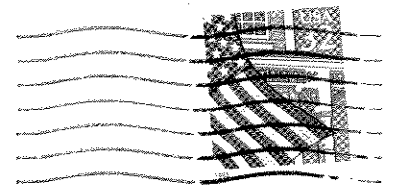
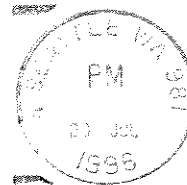


# K7LED *RELAY*

## *Special Edition*

**Return To**  
Jack Grimmett  
PO Box 13  
Issaquah, WA 98027

W7SRZ



**First Class Mail**

Sam Sullivan N7RHE  
13626 - SE 232nd  
Kent, WA 98042

