



K7LED RELAY

SEATTLE, WASHINGTON

VOLUME 9

JUNE 1980

NUMBER 2

AN ARRL AFFILIATED CLUB

CLUB OFFICERS

President	Al Jensen	WA7TIB	542-6052
Vice President	Hal Goodell	N7NW	927-7603
Secretary	Deborah De Jong	N7AVO	883-3012
Treasurer	Mike Cross	WB7AYU	935-2688
Activity Mgr.	George Boross	N7BT	852-9412
President Emeritus	Steve Tillett	K7KOT	927-5456
Trustee No. 1	Jim Strang	W7GPW	392-5554
Trustee No. 2	Gene Jacobson	WA7TAI	822-3931
Trustee No. 3	Les Jacobs	WN7NXC	363-4169
Trustee No. 4	Don Rembaugh	WA7KBK	362-9189
Trustee No. 5	Dick Radford	WA7NIW	883-0662
Radio Officer	Ken Rau	K7YR	392-7954

K7LED RELAY EDITOR

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

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The Mike & Key net meets each Sunday morning at 10 a.m. on 3,930 Khz with Novice and CW check-in on 3,730 Khz and VHF on 146.58 Mhz and K7LED/R 52.37—5337.

Club meets the third Saturday of each month at the UGN Building across the street from Valley General Hospital in Renton.

MEMBERSHIP: 75

ACTIVITIES

June 21	Board Meeting 7:30 a.m. — Southcenter Turkey House Business Meeting 10:00 a.m.
June 28, 29	Field Day

* * * F I E L D D A Y * * *

Well, here we are, at the JUNE meeting again, and the last of the field-day details have to be cleared up now or never! As far as I know, the only remaining problem at this time is the transportation of THUMPER to the FD site. What we need is someone with a 3/4 ton or larger truck that can go to FOSS LAUNCH & TUG on the afternoon of the 26th of JUNE (Thursday) and pick it up in the trailer that MIKE, WB7AYU has arranged for. This is no small item, as it is the power supply for the entire upper site! The likelihood of a small import 1/2 ton truck towing this 2000 pound trailer in addition to the regular load that all of us haul up there, and getting back without drive-train damage is not too good, so PLEASE, someone with a heavier vehicle and a ball-hitch, speak up, and help us out.

On another page of this issue, is a check-list for the weekend. Not everything on the list may apply to you, and it may not be complete for all of us, but it contains a list of the things that must be at least considered. The BAND CHAIR-PERSONS in particular should check off the items listed that apply.

PROPAGATION JUNE 10-24. Current solar forecasts tend to be less accurate due to the unpredictability of the sun itself in this just-after-peak period of Cycle 21.

You May Expect the first week of the forecast period to be relatively quiet, with low solar activity, and a quiet-to-occasionally-unsettled geomagnetic field. This means the HF bands will be useable, but not spectacular. Efforts should be concentrated on 15 and 20 meters, as 10 is not likely to be open. The second week of the period is likely to be disturbed, with a return of active regions on Old Sol's face, higher solar flux, and an unsettled geomagnetic field.

The 10, 15, and 20 Meter Bands will exhibit excellent polar-path propagation on some days, but only north-south path propagation on others. June 22nd is likely to be very poor, and DX could be only so-so through the end of the month. W1XU.

* * * N O N - F I E L D D A Y * * *

Our ACTIVITIES MANAGER, George has a real good thing going for us. The idea of GUEST SPEAKERS talking on radio-related subjects from outside the club will interest many of the members. He has suggested subjects like the FCC, POWER COMPANY interference-chasers, and CITY and COUNTY zoning officials (antennas). Lets give George all the suggestions we have been thinking about, and see what the main interest is. Maybe this is what our meetings have been missing ???

Over the past months, there have been several mentions of a HIDDEN TRANSMITTER HUNT. So far none of them have resulted in anything being done. If you might be interested in trying this on a twice-a-month basis, or so, let the BOARD know, and now that the weather is a bit more acceptable to outdoor activities, we might give it a try. Sure, it is a help in the locating of lost or disabled hams, like happened down at Mt. St. Helens last week, but it is also a fun event.

BRING ON THE CRYING TOWELL!!!!!! As most of you probably know by now, the PHASE-3 satellite went into the ocean last week. Range safety had to destroy the vehicle about 2 minutes into the flight, as one of the liquid engines failed to start, and the guidance thrusters could not keep it on the programmed path. We will have to wait and see if AMSAT has something in the way of a back-up in the works. At least I have a 20 db over-kill station on 435 mhz for OSCAR-7 now!

MAY BUSINESS MEETING REPORT

Al, WA7TIB, reported on new Field Day rules stating that there is 700 bonus points possible. He will take the Oscar contacts, 75 phone takes traffic, Gene, WA7TAI and Gib, W7JIE will take natural power since it had been put back in. Deborah, N7AVO will take pictures on site, again. Al observed that flying flags at each station was a nice touch. Reservations will be needed for those wanting to camp in the regular park, phone number 1-800-562-0990 not more than 30 days prior to date desired. Frank, K7GSE recovered his stolen radios with the help of Carl, W7PRW. Hal, N7NW will need operators for the SEANARC radio station. Trisha, KA7EKU needs surplus CW equipment for her and Mary's, W7QGP, work with non-verbal handicapped that are learning CW for communication. The Board will be meeting on 146.58 ten days prior to regular meeting at 7:30 PM (A Wed.) to discuss anything pressing. All members are welcome to listen and check in. When the 6M radios come in the K7LED repeater will be used. Meeting adjourned at 11:33 AM.

Deborah N7AVO

SEANARC 80 - RADIO STATION

The radio station committee held a planning meeting at KB7FL, Joe's, QTH on May 29th.

Since our last report Cushcraft has consented to provide antennas and C-COM will donate 500 ft. of coax. With the exception of a few minor miscellaneous items, we now have all of the equipment that will be required. The antennas will be erected on top of the Red Lion about two weeks before the convention. We will need a work party to help set up and tune the antennas. We expect to put some of the antennas up during the week in the evenings and finish on Saturday, July 12th. If you can help please let me know.

At the last meeting an operator sign up sheet was passed out and a lot of members signed up. We still need more operators, especially for Friday during the day and Saturday evening. I will be passing around a signup sheet again at the June and July meetings. Remember you won't have to register at the convention to be able to operate the station.

The radio station will have two complete HF and VHF operator positions. One HF/VHF station will be used solely by our members. The other HF/VHF station will be setup so visitors may sit down and operate for awhile. Our duties at the station will be to monitor the convention repeater, being provided by Jon, W7FHZ, on 146.16/76, to provide information to convention goers, watch over the visitor station and to operate the other station to provide SEANARC 80 QSO's. So as you can see, we need at least two people signed up for each 4 hour period.

FCC'S NEW EXAMS SCORED AN "A" with the first group of applicants who took them this week. According to instructors from several parts of the country, their students rated the new FCC efforts well written, unambiguous, and closely related to the new FCC study guides. They also liked the practical emphasis on operating procedures in the Technician/General-class exams, with more technical subjects covered in the higher class tests. Congratulations to Jay Jackson, AF40, and the other FCC staff members who are responsible for the new exams. Thanks WB6NOA.

ACTIVITY CORNER

CPR TRAINING COMPLETED BY 8 M & K MEMBERS

On Saturday, May 3rd, Sue and Tom Needham graciously provided time from their busy schedule to teach eight club members cardio pulmonary resuscitation (CPR). The members who have been certified are: N7AMX, Karl; N7AVO, Deborah; WB7AYU, Mike; N7BT, George; WA7HWX, Jan; N7NW, Hal; W7VIH, Pat; and K7WTG, Pete. We offer our sincere thanks to Sue and Tom for volunteering for this worthy cause.

Dates to remember!!!! Place them on your calendar.

Club auction - Saturday October 25. Hal Goodell, N7NW will again be chairman

Christmas Party - Saturday December 6. Debbie Holt has offered to be chairperson.

Picnic - Tom Needham, WA7TBP, is checking on available locations and dates.

On June 28-29 there will be a Tri-City Hamfest and Computer Fair in the Community Center. Wayne Green, editor and publisher of "73 Magazine" will be the featured speaker. Full details may be had by contacting J. H. Dillon, N7ARG.

It has been suggested that the club take a tour of the Rainier Brewery. This seems to be out of the question since the brewery only provides tours on the week days from 1 to 6 pm. These tours take about a half hour and some of you may want to take the tour on your own. The tours are conducted at the brewery at 3100 Airport Way South and you can make reservations by calling Mr. Ray Castle between 12:30 and 4:30 daily. His phone number is 622-2600. Gene Jacobson, WA7TAI, has taken the tour several times. Want to tell us more about it Gene?

At the last board meeting, your club officers approved the purchase of a club-package from Worldradio, a monthly Radio Amateur Newspaper. As part of this package we will receive 12 certificates, each good for one year subscriptions. These certificates will be raffled off at the regular club meetings. This will begin as soon as the necessary arrangements can be made. You will hear more about the other facets of this package later.

How is your present standing in ARRL? Is it time to renew? Or, are you planning to join the league? Did you know that you can renew or join through your club treasurer? Our treasury will gain \$1.50 for each renewal or new membership obtained. So, see WB7AYO, Mike who has the details and proper forms.

The survey form which I mentioned at the last meeting is enclosed with the Relay. Please fill it out completely as it will form the basis for much of our future club activities. Bring the completed form to the next meeting. If you are not able to attend, send the form with someone or else mail it to me.

Your time and effort toward this project is much appreciated and hopefully will benefit all.

George, N7BT

SHORT BURSTS

Elmo, WA7YCM, is running code practice from the license manual each Tuesday and
Thu

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Elmo, WA7YCM, is running code practice from the license manual each Tuesday and
Thursday at 7:15 p.m. on 3715 Khz.

Trisha, KA7EKU, has upgraded to General and Joe, KB7FL, and Bob, KB7LM, have
upgraded to Extra Class. Congratulations!!!!

Hope Raleigh Elkins, WB7WNF, is feeling better and is out of Doctor's Hospital.

Karl, N7AMX, should have a better signal now. His tower is up to 71 feet as of
May 18th, thanks to K7WIG, KB7FL, WA7EBH, and KD6CT.

ARRL has a brand new book containing 176 pages of the "how" and "why" of virtually
every phase of the amateur radio hobby. This new book is titled, "The ARRL Operating
Manual" and it is selling for \$5.

CHIP MARGELLI, K7JA, has been named assistant vice president
and sales manager for Amateur Radio at Yaesu Electronics. Chip
was "chief op" at W7RM for six years before moving to Japan for
two years with Yaesu.

EXPANSION OF 6-METER FM down to 50.1 MHz (HRR 305) becomes
effective on July 14.

NEWS FROM THE WESTERN WASHINGTON AMATEUR RELAY ASSOCIATION

Clay, K7CR, is the call area 7 representative to the ARRL VHF Repeater Advisory
Committee and he is looking for your inputs of ideas to be presented to the committee.
It looks like the U.S. will be getting 902 to 928 Mhz. Is this going to be a place
for repeaters? Let Clay know.

A 10 meter CTS plan is being developed which should help to cut down on the amount of
QRM on the 10 meter FM repeater channels. Washington will have 162.2 with 110.2 Hz
as a backup.

Bob St. Andre, WA7NAN, has come up with yet another mod for the ICOM 22S. This
permits the radio to work in 10 Khz steps to cover all the 20Khz channels and all
the repeaters in the 144.5 to 145.5 sub band. Contact Bob for more info.

A new 6 meter repeater operating on 52.69/53.69 has been put on the air by Dick
Eylander, WB7BOR, and Pete Policani, K7PP.

The WWARA has published complete listing of all repeaters in the area. This will
be available at the June club meeting.

FOR THE LADIES*****FOR THE LADIES*****FOR THE LADIES

GOING TO FIELD DAY, HERE IS A LIST OF INEXPENSIVE JUB WINES TO TAKE WITH YOU. MAYBE A WINE TASTING PARTY MIGHT BE A GOOD IDEA???????

- WHITES: 1. Franzia French Colombard
- 2. Petri Chablis Blanc
- 3. Growers LeBlanc Chablis & Franzia Chablis
- 4. Yosemite Road French Colombard
- 5. Carlo Rossi Chablis
- 6. Cribari Mountain Chablis
- 7. Growers Rheinhaus
- 8. Yosemite Road Chablis

- REDS: 1. Franzia Burgundy
- 2. Yosemite Road Cabernet Sauvignon
- 3. Growers Burgundy
- 4. Carlo Rossi Burgundy
- 5. Yosemite Road Burgundy
- 6. Petri Burgundy
- 7. Tabola Red
- 8. Cribari Mellow Burgundy
- 9. Gold Peak Burgundy

THE ABOVE WAS RATED BY A FEW WINE FANCIERS, WHO I THINK KNEW WHAT THEY WERE DOING. THE BEST BEING #1. GOOD TASTING..... *Jan*



"Glenda, would you mind very much if I postponed our luncheon engagement? I've been fixing brandied fruit."

SHORT BURST: SAY RAY LESLIE, WA7EKH, AREN'T YOU IN CHARGE OF CLAM SHOVELS THIS YEAR. I HEAR SHOULD BE THE LOWEST CLAM TIDES..... ALL YOU GALS BRING YOUR RUBBER GLOVES, BOOTS AND BUCKETS. WE'LL SHOW RAY A TIME HE'LL NEVER FORGET. MAYBE NEXT YEAR HE WON'T FIND FAULT WITH THE CLAMS.....HA.....

OUR MAN IN GAMBIA

Deborah and the rest of the gang,

May 10, 1980

Wow-it was neat to get your letter. It came upriver lastnight with a PCV who lives near us. Mary and I don't get downriver very often, so we have to rely on other folks to bring our mail when they come.

I'm going to have my folks send you the \$4 for an Associate Membership. I should have thought of that before!

We left for Africa on Friday the 13th (!) of July. After our incountry training we were sworn in as PCV's on Oct. 1. My work is as a mechanical advisor to a UN welldigging program. I am in charge of the maintenance of vehicles and equipment used for welldigging operations in this half of The Gambia. The program has been moving very slowly the last few months, due to funding problems with UN. I am getting organized to do some "appropriate technology" projects, such as building mudbrick stoves for villagers to cook on, but soon the rains will start, which will halt all building. Mary is working at the local health clinic, keeping the records, and working with local health people on nutritional counseling of mothers of malnourished kids.

We live in a family compound, in a mud brick house, and have a round, thatched roof hut for a "bedroom". We live close enough to Basse to have electricity, but we carry our water from a (UN) well.

My congratulations to Al and Hal and the rest of the newly elected officers. It sounds to me like you folks made some good choices, even without my help!

It's good to hear about the new 6M machine you have. Tell Ken, K7PZX, that I still have the 6M rig he gave me and will make another stab at getting it on the air when I return, now that I have a little more incentive.

The 66° you reported sounds pretty good to me. It hasn't been under 80° here, day or night, for months.

There's a remote chance of me getting a rig and getting on the air here before too long. It's still doubtful, as lots of details to work out. C5???

Thank you for the letter, very much.

73 to all, Bruce

Bruce's address is:

Bruce Trimble
c/o The Peace Corp
P.O. Box 582
Banjul, The Gambia
West Africa

MEMBERSHIP REPORT

The May meeting was attended by 34 members and 3 visitors. The visitors were:
KD6CT Charles Foltz
K5ER Ed Ranson
K7PBT Dick Gehring

Chuck, KD6CT, is from San Dimas, California, and is in the area visiting with Joe, KB7FL. Ed, K5ER, now resides in Auburn and enjoys CW operating, especially 20. Perhaps a good field day candidate. Take note you band chairmen. Our other visitor was Dick, K7PBT, who at the April meeting submitted an application for membership. We welcome these visitors and invite them to come back and perhaps consider club membership.

The following is the dues status for the month of June. Let's all try to get current. If you have lost your membership card or do not have one please contact our secretary, Deborah, N7AVO.

Expired:	K7MBY 2-80	Grace Period: (Not eligible to vote)
	WA7HCP 1-80	K7QMI 4-80
	Diana Becker 1-80	

Due in June:	N7AMX	Due in July:	WA7LNQ
	WA7MSD		WB7NXI
	KA7FSP (WA3WPY)		WA7ELI
	K7CR		WB7AYU
* K7EN			K7ND
WA7ZU6			K7BNN
			* WB7DTI

Total Membership: 75
Applications Approved: *K7MHM
*WA7OXN
Applications Submitted: Richard Gehring, K7PBT
Associate Membership *

The SET is coming!

The ARRL Simulated Emergency Test — An annual event, held in October, is a massive display of public service capabilities to the following three ends:

1. To find out our (primarily NTS, ARES, and other groups) strong points and limitations in providing emergency communications.
2. To help amateurs gain experience in communicating, using standard procedures, under simulated emergency conditions.
3. To provide a public demonstration to served agencies such as Red Cross, Civil preparedness, Salvation Army, etc. and through the news media, the value to the public of the Amateur Radio Service particularly in time of need.

FIELD DAY CHECK - LIST

OPERATING

PERSONAL

- _____ TRANSMITTER
- _____ RECEIVER
- _____ FEED LINE
- _____ POWER CORDS
- _____ GROUND ROD
- _____ OUTLET BOXES
- _____ SPARE FUSES
- _____ OPERATING LIGHTS
- _____ OUTSIDE LIGHTS
- _____ LOG SHEETS
- _____ DUPE SHEETS
- _____ BACK-UP GEAR
- _____ HEADPHONES
- _____ MICROPHONE
- _____ BUG or KEY
- _____ TOOL BOX
- _____ SHELTER (OPERATING)
- _____ CHAIRS
- _____ TABLE
- _____ ANTENNA
- _____ SPARE HARDWARE
- _____ GUY WIRE (ROPE)
- _____ GUY ANCHORS
- _____ TOWER (OR OTHER SUPPORT)
- _____ ROTOR (IF DIRECTIONAL)
- _____ ROTOR CABLE
- _____ PENCILS
- _____ PENCIL SHARPENER
- _____ ASH TRAYS
- _____ TRASH BAGS
- _____ CLOCK
- _____ 146.580 SIMPLEX RIG
- _____ SLEDGE HAMMER
- _____ IDENTIFYING SIGN

- _____ SHELTER
- _____ FOOD
- _____ WATER CANS
- _____ TOILET PAPER
- _____ RAGS & TOWELS
- _____ BUG REPELENT
- _____ STOVE
- _____ MESS KIT (DISHES)
- _____ SUN LOTION
- _____ HAT
- _____ RAIN GEAR !!!!!
- _____ SLEEPING GEAR
- _____ L A R G E COFFEE POT
- _____ QUICK SNACKS
- _____ ALARM CLOCK
- _____ CAMERA & FILM
- _____ CASH FOR CAMPING FEES
- _____ EXTRA VEHICLE GAS
- _____ CARD TABLES
- _____ LAWN CHAIRS
- _____ TOILETRIES
- _____ GLOVES

ALSO: Leave phone numbers of hams who are not going to FD that can contact the site in case of emergency. There is NO WATER at the operating site! bring jugs. A string of CHRISTMAS LIGHTS ON THE TOWER will keep someone from walking into it in the middle of the night. If you have a HARD-HAT, BRING IT.

***** BRING YOUR ORIGINAL LICENSE! NO ONE CAN OPERATE WITHOUT A LICENSE.*****

HR REPORT HIGHLIGHTS

AMATEUR RADIO COMMUNICATIONS is deeply involved in the aftermath of the eruption of Washington state's Mt. St. Helens volcano last Sunday. First word of the disastrous explosion that blew several thousand feet off the mountain's top at 8:31 local time last Sunday morning came from an Amateur whose camper was on the mountain's slope. After describing the beginning eruption, he ended his transmission with, "I'm getting the hell out of here!" He, along with two other Amateurs and about 70 others, has been unaccounted for since.

About 200 Amateurs, half of them in locations near the eruption or working directly with rescue crews as search and welfare observers and the other half serving at various key locations around the state, have been working around the clock since the volcano blew. Many are involved in sample gathering and prediction work, an activity that has gone on since the initial eruption on March 27 (HRR 298), as well as handling all kinds of traffic for various local, state and federal agencies. One of the things learned from the earlier eruption was the discovery that Amateur Radio was more effective than the telephone for handling much of this traffic, so area operators and the people they're working with were better prepared to work together this time.

MIKE AND KEY AMATEUR RADIO CLUB
16812 N.E. 107th
Redmond, WA 98052

ADDRESS CORRECTION REQUESTED

FIRST CLASS



"Remember your application for renewal of your ham license that I was supposed to have mailed four months ago?"