

# K7LED

# RELAY

AN  
ARRL  
AFFILIATED  
CLUB

NEAR SEATTLE, WASHINGTON

VOLUME 12

AUGUST 1984

NUMBER 8

### CLUB OFFICERS

President	Charles Stroehler	WA7EBH	Trustee No. 1	Jimmy Sutton	WA7LNQ
Vice President	Karl de Jong	N7AMX	Trustee No. 2	John Rehnstrom	WA7HQG
Secretary	Deborah de Jong	N7AVO	Trustee No. 3	George Boross	N7BT
Treasurer	Mike Cross	WB7AYU	Trustee No. 4	Vern Nelson	W7ZLW
Activity Mgr	Hal Goodell	N7NW	Trustee No. 5	Ray Leslie	WA7EKH

CLUB RADIO OFFICER: KEN RAU K7YR

The K7LED RELAY is the official publication of the MIKE and KEY AMATEUR RADIO CLUB, 29206 SE 53rd, Issaquah, WA. 98027. The Club meets the third Saturday of each month at 10 AM at "The Good Neighbor Center", 305 S 43rd St. Renton, WA. All "Hams" invited.

The Mike and Key net meets each Sunday morning at 10 A.M. on 3930 kHz with Novice and CW check-in on 3730 kHz and VHF on 146.58 MHz and K7LED/R 52.37-53.37 MHz.

K7LED RELAY EDITOR  
13517 117th Ave NE  
Kirkland, WA. 98034



### REPEATER FREQUENCY

**147.08-68**  
**52.37-53.37**

First Class

### BOARD MEETING

*de Jong's QTH*  
*30 AUG 84*  
*1930 HRS*

**CLUB MEETS:**  
**UGN CENTER**  
**RENTON 10:00**

K7WTG 16-76  
PETE HEBBERG  
20904 NE 77TH ST  
REDMOND WA 98052

### *AUG 18, 84* **ACTIVITY EVENING**

*BLAKE ISLAND*  
*25 AUG 84*  
*1830 HRS*

COFFEE AND DONUTS WILL BE READY AT 0930 SEE YOU AT THE MEETING

Here are the names, address and phone number of the Club Officials. See front of Relay for position.

CHARLES STROEHER, WA7EBHY, 13614 SE 43rd St, Bellevue, Wa. 98006, Phone 747-7833

KARL de JONG, N7AMX, 20903 NE 77th St, Redmond, Wa. 98053, Phone 883-3012

DEBORAH de JONG, N7AVO, 20903 NE 77th St, Redmond, Wa. 98053, Phone 883-3012

MICHEAL CROSS, WB7AYU, 5803 SW Hanford, Seattle, Wa. 98116, Phone 935-2688

HAL GOODELL, N7NW, 35916 11th SW, Federal Way, Wa. 98023, Phone 927-7603

KEN RAU, K7YR, 23206 SE 53rd, Issaquah, Wa, 98027, Phone 392-7954

JIMMY SUTTON, WA7ENQ, 3516 SW 343rd, Federal Way, 98023, Phone 927-7088

JOHN REHNSTRÖM, WA7HQG, 96721 9th NW, Seattle, Wa, 98117, Phone 783-2489

GEORGE BOROSS, N7BT, 4058 S 262nd St, Kent, 98032, Phone 852-9412

VERN NELSON, W7ZLW, 16812 NE 107th, Redmond, Wa, 98052, Phone 882-2907

RAY LESLIE, WA7EKH, 13517 117th Ave N, Kirkland, Wa, 98033, Phone 821-4188

## FRIENDSHIP AWARD

Does anyone ever think about the Friendship Award anymore. I haven't heard anyone talk about it for I don't know how long. I know that there are a few new people in our Club since the last award was handed out.

If I remember right, in order to qualify for this award you have to contact at least 10 members on the radio and at least five of the 10 have to be direct, the other five can be thru a repeater.

One more IF: If this isn't right I think someone will tell us what is right!!!!

## FOR SALE++++FOR SALE++++FOR SALE

Kenwood TS-520 Transceiver  
Kenwood VFO-520S  
Kenwood AT-200 Antenna Tuner  
Manuals included - The above to be sold as a package only - \$450.00

Kenwood SP-520 Speaker  
Yeasu "Landliner" Phone Patch  
Kenwood MC-10 Hand Mike, Wired for patch  
Manuals included - To be sold as a group only - \$25.00

The above equipment is used but not abused. The 520 has never had an amplifier put through it.

Contact JOE KOENIG, KH6ITL  
Phone: 644-4517

For those of you who are interested in ASCII teletype with your computer on either HF or VHF, I have a 300/1200 BAUD RADIO MODEM PC board--here is the info--

## 300/1200 BAUD RADIO MODEM

For use on UHF, VHF and HF radio transmitters and receivers and simplex operation on telephone line with approved coupler.

The 300 baud is Bell 103, high (answer) 2225-2200 Hz tones.

The modem provides RS232 (DB25) using TX, RX, RTS (for PTT) and GND. May be modified for VIC 20/64 use with a few wire jumpers.

Terms of sale such that only those parts of the circuit may be mounted on other operator's applications. There are

## THE FOLLOWING IS A REPRINT FROM AMSAT

AMSAT needs your comments and suggestions regarding the construction and launch of a system of geostationary (no tracking required) satellites. A possible launch opportunity exists for such a system around 1988. Three pairs of communications satellites would be placed above the equator in fixed positions equal distances apart and 22,300 miles up. Located in this manner, they would cover the major part of the earth's surface. Such a system would provide reliable communications coverage for radio amateurs on a worldwide basis for 24 hours a day. A Technician Class or above operator would be able to use this system, either directly or possibly via a gateway station connected to a local repeater, to contact any other similarly licensed amateur any place in the world at any time of the day or night.

Your comments, thoughts, suggestions, support and design ideas are urgently sought. Please send your QSL, postcard or letter to: AMSAT, 850 Sligo Ave., #601, Silver Springs, MD 20910.

Remember AMSAT is a volunteer, non-profit organization supported largely through donations and dues. Club membership is \$50 per year and includes a subscription to our publication.

### 21 JULY 84 CLUB MEETING

The Question was asked by our Pres: What prompted you to become a HAM? The answer to that came out that most everyone seemed to have started in ham radio at the age of 12. If you guess the age of some of us you will know that we have been in Amateur Radio for a long time (except me, I started late). Quite a few came to Amateur Radio from CB after they found out they couldn't achieve satisfaction in CB radio. As you should know, each meeting there is a "Ham" question of some sort asked to get the meeting going and liven things up a little.

Gene, WA7TAI, brought some pictures of his "shack". Looks more like 6 or 8 stations combined in his shack. Lots of transceivers, computers and all that other stuff that goes along with all the first stuff. I know there is more that he didn't have pictures of!! You have to see it to appreciate it.

The ACTIVITY EVENING for the month of August is going to be a trip to BLAKE ISLAND. This is the boat ride, dinner and Indian dancing. The date is the 25th of Aug. The boat leaves at 6:30 PM sharp. You

can use your "City Lite" or "Entertainment 84" coupons or I guess any other coupons that they will accept. If you have extra coupons please bring them along. Plan to go this is a good one.

Archie, WA7EJY, has four - 6 foot racks he will give to who ever wants them, call Archie on 878-2833 or you might catch him on the 145.37 repeater. You haul!!!

Some time ago there was a code practice program in QST for a VIC20 computer. I finally got it to work and have it on tape if anyone is interested I will make a copy for you on your tape. Goes from 1 word to 75 or some extremely fast speed.

Chuck, WA7EBH, has been running the communications network for the Seafair sponsored parades around Puget Sound. If I remember right he told me he had been doing this for the last 13 years. By the time the parade season is over this year, he will have organized 9 parades. The big one is the Torchlight in downtown Seattle on the third of August. If you didn't help this year plan to help next year. He can use all the Ham operators that he can get. The Torchlight takes about 50 hams with HTs and does last at least until midnight and most of the time later.

## NEWSPAPERS NEWSPAPERS NEWSPAPERS

We are still hauling newspapers for the Ladies of the Club. Don't forget to save them and most of all don't forget to bring them with you to the Club meeting. I or someone will be there to collect them and take them to the place that buys them. We will also take Alumn cans. Last meeteing tyhere was 550 pounds which brought \$11.00 - WA7EKH.

## AUGUST FUN NITE (ACTIVITY EVENING)

The Blake Island trip is on for Saturday Aug 25 at 6:30 PM. We have several coupons for a \$6.00 discount so costs should be \$16.00 per person. IF YOU HAVE ANY COUPONS BVE SURE AND BRING THEM TO THE NEXT MEETING. This should be real fun trip and I for one am looking forward to it. Love that salmon.  
HAL N7NW

## SEPTEMBER PICNIC

Don't forget the picnic at American Adventures Campground on Cottage Lake (Norm's Resort) September 16th. KB7LM is chairman and is putting together a fun event

## OCTOBER ACTIVITY EVENING

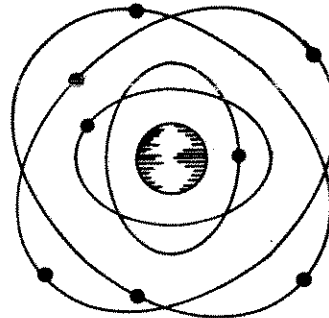
How about a dinner??? Need suggestions! Perhaps time for ribs again at HD Hotspurs. We will have a program that will include a slide tour of the South Pacific. HAL N7NW

## AUCTION

Our annual auction will be in October at McMicken Heights, as usual. So you can bring all that stuff you thought you needed and bought at the Hamafair. Flyers are now ready for distribution and will be given out at Hamfair. hopefully with this advance notice we will have a good turn out. SPREAD THE WORD. HAL N7NW

## JACKETS

Quite a few members at the last meeting showed interest in obtaining jackets with the club Logo. I will have sample jackets at the August meeting and will start a list for committed orders. The wind breakers provided by West Coast Awards in Kent are real nice quality. They are 100% Nylon with 100% cotton liners. The Logo will be in two colors similiar to the patches we now have. Those who can't make it to the next meeting will be able to go down to Kent and check the fit before the order is placed. If you want to provide your own jacket it needs to be of the same material and not waterproofed. The cost thru West Coast will be \$18.00 plus about \$6.00 for the silk screening, (plus tax of course). --HAL N7NW



## ARRL SEPT VHF QSO PARTY

Those interested in putting together a Club effort for this contest need to hang around after the August meeting for a planning session. Jim, K7ND and I have some favorite spots and will be ready to discuss other site locations which might be suggested. We hopefully will be able to put enough equipment together to cover 50 MHz though 10 GHz. It would be possible to establish a new NW Division record if we can get enough support. Unfortunately this weekend does conflict with Husky football and the fishing derby. -- HAL N7NW

Well it looks like another month has speedily slipped by us again. I want to thank all of the people that helped me out with all of the Seafair Parades and activities, we had over 60 hams helping with the Torchlight parade. The parade was not without its usual problems, but with the people involved they seemed to handle all things in stride.

In the up and coming months there is quite a lot of activities for you to participate in, the Blake Island trip, the VHF contest, annual picnic, the auction, club meetings, and the possibility of the evening dinner get togethers with entertainment. So lets see some of the faces that we hardly see at the functions come and participate.

As a member of all of the special committees I would like to see more of the club members give their input into the direction of this club. We have about 70 members but it seems to me that I see the same faces at all of the committee meetings, I for one would like to see some participation by all of the members in this club. If you are interested in helping or making your wishes known come out to one of the meetings, after all if you don't participate, you have no reason to complain. Its up to you the member to participate and make this club one of the best in the west.

See Ya at the meeting  
Chuck WA7EBH

SECRETARY REPORT - GENERAL MEETING JULY 21, 1984

Introductions and Question: What got you in Ham Radio?

Presentation to Club by N7NW for Sandy Bucher of Dan's, N7C00, flag from his casket. Reading by N7BT of the obituary. Notice of the memorium to Fred Hutchison Cancer Research Center of \$50.00

Radio Officer: Field Day report - 8782 total points; Floating radio - waiting; 6m repeater up and going.

Vice-Pres: New member-Hap King, W7QCV; Charter members still in Club - K7WTG, K7KOT, K7ND, WA7EBH, W7PRW, K7PZX, these will have the date of Oct. 1970. All others to be researched for correct date.

Secretary: motion to accept minutes in Relay, passed; correspondence - Most Valuable Field Day Member - Bob, KD7NM, to be presented when he attends a meeting.

Treasurer: July 1, 1984 balance \$4262.96.

Committees:

All chairmen to make reports to Relay.

Constitution: motion to accept as published, passed.

VEC: working, expecting a flood.

Picnic: working, deposit and cards for names and site #14

LRP: want to survey members personally; promote a public traveling show,

Jackets: sign up for lined windbreakers @ \$18.00, baseball @ \$28-39.

Donation for WA7RJT to fix up generator that he brings for Field Day, in the amount of \$150.00. Motion: Allow \$150.00 for repair and maintenance to WA7RJT for generator -(amendment) - be considered a charitable contribution -Tabled until Aug 18, to be reviewed by Trustees.

Representation of 220 repeaters by W7FUS.

## FCC Discusses Four Amateur Concerns

¶ Thursday morning, July 12th, FCC adopted a Report and Order in Docket 83-265 which would permit recovery of expenses by Volunteer Examiners (VEs) and Volunteer Examiner Coordinators (VECs) in an action taking about one minute. There was no debate; the only thing slowing down the procedure was a complaint by Private Radio Bureau Chief Bob Posaner to Ray Kowalski and his staff in the Special Services Division for making the matter from the signing of the Communications Act amendments to final order in just seven months. After the meeting, ARRL Washington Coordinator Jerry Williams, WIUED, got some details from FCC staffers.

The order authorizes a flexible approach: In any situation the VE and the VEC work out details of cost recovery. The rules neither prohibit nor require payments to cover costs incurred by either the VE or the VEC. The Commission declines to specify the sorts of expenses which are reimbursable; any expenses "which relate to administration of amateur exams" are legitimate. Recovery of "overhead" and amortization of capital expenses are allowable following normal accounting practices.

The Certificate of Reasonable and Necessary Expenses is simply a statement filed annually by each VE and VEC who recovers costs from applicants. One must have complete and accurate records of expenses but does not send them in to FCC unless requested to do so. FCC will permit VECs to estimate their annual costs in advance, and recover the pro rata share from applicants on that basis. At yearend, the VEC tallies everything up; if too much was collected, the next year's fees must be lowered enough to return the overcharges to the amateur community. The Commission rejected a request that it create a standard form for these annual reports, but it encouraged VECs to work together for development of such a form. The order recognizes that some volunteer examiners will have feelings against accounting expense money; VECs may not

discriminate against such persons in the accreditation process. But both VEs and VECs who accept reimbursement will have to file the annual statements; FCC rejected a Capitol Hill Amateur Radio Society proposal which would have placed this burden only on VECs. The Report and Order probably will become effective August 31, 1984.

In another measure related to the Volunteer Examiner program, the Commission revisited Docket 83-27 in response to several petitions for reconsideration. The major change is that the tests will be designed by the VECs rather than by the Commission. Two years from now, FCC will permit VEs to design the tests. In either case, the design must follow the formula established by the Commission.

There is change in the identifiers to be used by those who upgrade. Instead of a unique ID tied to each examination opportunity, all Novices who upgrade to Technician will use the symbol /KT; new Generals will use /AG, Advanced /AA and Extras /AE. If a question arises about whether an amateur is entitled to use the designator, the Commission will seek proof from the individual rather than from the VEC. The Memorandum Opinion and Order clarifies the fact that General Class licensees can only administer Novice tests. The Certificate of Successful Completion will be valid for one year. The Commission also clarified the point that questions used in an examination must be exactly the same as those released in the question pool. And some minor changes were made to bring various sections of the rules into conformity with each other.

Also on Thursday, the Commission adopted two Notices of Proposed Rule-making brought up by the Mass Media Bureau. One proposal would amend Parts 73 and 97 of the rules reflecting the change in the secrecy provision, Section 605, of the Communications Act which was enacted in Public Law 97-259. It would no longer be necessary for amateurs to agree in advance to the rebroadcast of

their transmissions by a broadcaster, nor for the broadcaster to notify FCC of this use. On the other hand, the rule-making would make it plainer than ever that the Amateur Service is not to be used as a Broadcast Auxiliary service, even during emergencies! Thus, the rulemaking will confirm and codify the rules interpretation given to Dan Rather during the Grenada incident that he could not conduct interviews by ham radio.

The Commission also proposes to allow a commercial broadcaster at Agana, Guam, to use a frequency in the 7100-7300 kHz band. These frequencies are allocated to the Broadcast Service in ITU Region 3, and Guam of course lies in that Region. Nevertheless, although FCC could have allowed a U.S. Broadcaster to use the band, it has not done so up until now. Accordingly, the Private Radio Bureau at the urging of Ray Kowalski, insisted that amateurs be given the opportunity to comment on the assignment. During the meeting, Commissioner Mimi Dawson complimented the bureaus concerned for taking this route, and said she would be interested in seeing the comments of amateurs. The Commission will allow 60 days for comments and 30 for reply comments in both NPRMs, rather than the usual 30 and 15 days, so as to give more amateurs a chance to comment.

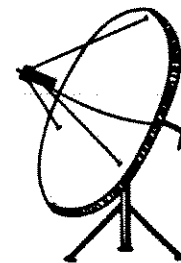
¶ In a recent letter to John A. Powers, KA2AHJ, Trustee of the Hall of Science ARC in New York City, FCC's Carol Fox Foelak ordered the club's repeater WB2JSM/R off the air for interfering with coordinated repeaters. A long-time FCC observer noted, "They (FCC) came down on them like a ton of bricks."

The Hall of Science club had been involved in a lengthy battle with the local coordinating body, the Tri-State Amateur Radio Council. The club had operated an uncoordinated repeater on different frequencies in the 2-meter band over the last couple of years. Recently, they had settled on 144.70/145.30 MHz resulting in interference to coordinated repeaters on "29" and "31." Mr. Powers was given 20 days to respond to Ms. Foelak's letter. The July 13 issue of Westlink Report quotes Powers as saying that the club would comply with the terms of the letter.

¶ UoSAT Program Manager Martin Sweeting, G3YJO, of the University of Surrey, reports that AMSAT-OSCAR 11 telemetry shows that the satellite locks to the Earth's magnetic field (see last issue) only for a few minutes after automatic magnetorquing has stopped. Magnetorquing will continue automatically.

On orbit 1909 (July 10), explosive bolt cutters for the gravity-gradient experiment were fired. (The gravity-gradient experiment is attached to the satellite with a long boom or tether. This boom also serves as the HF beacon antenna). That same evening, a new magnetorquing program that enables torquing to be interrupted was tested successfully. This new program allows parameter updates to be made without the need to re-enter the entire program.

On Thursday (July 12) another program was loaded into the on-board computer. This program contains an additional loop that will allow ground stations to deploy the boom under automatic control, possibly allowing the operation to occur away from the Surrey (England) command station. This will allow more flexibility in boom deployment planning. The experiment boom should be deployed within a few weeks.



On July 3, FCC issued a Public Notice saying that this action follows numerous attempts by the San Francisco FCC office to collect the fine levied on April 13, 1983. Kerr was fined and his license renewal denied because of his deliberate interference to 2-meter Repeater in the San Francisco area.

The Commission says that this action is unusual in a service that has for years prided itself as being self-regulatory. "However, present problems with 2-meter repeater operators have given the Commission serious concerns for the future of Amateur Radio requiring firm enforcement action to halt the degenerative trend."

¶ Cross-country HT QSOs are now a reality using Satellite Gateway stations (See Vol. 3, No. 12). "Rip" Riportella, WA2LQQ, AMSAT Executive Vice President, says that Amateur Radio satellite operation is becoming easier and more accessible to those who would like to see what it's like before investing lots of time and money. "The secret of the new ease of taking AMSAT-OSCAR 10 'out for a trial spin around the block' is gateways." The gateway is simply a specially equipped station that ties your local FM repeater to the satellite. One can work the world with an HT and rubber duckie!

Anyone wanting more information on gateways, including technical suggestions, should contact AMSAT, P.O. Box 27, Dept. GW, Washington, DC 20044. Please enclose an s.a.s.e. with your inquiry.

¶ The Spaceport Amateur Repeater Club (SPARC) has been authorized by AMSAT to transmit Space Shuttle mission commentary for all missions on AMSAT-OSCAR 10's Special Services Channel H2 (145.963 MHz). According to Carl S. Zelich, AA4MI, John Anderson, K4GCC and John McDonald, WB4ZXS, AMSAT Area Coordinator, will provide mission audio as time permits. All amateurs are invited to submit reception reports to SPARC, P.O. Box 672, Merritt Island, FL 32952.

¶ U.S. Attorney for the Northern District of California, Joseph P. Russoniello, filed a complaint to recover a \$2000 fine and asked for a court order to stop further unlicensed amateur operation by Gary W. Kerr, ex-WA6JIY, of Los Gatos, California.

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LETS ALL GO TO BLAKE ISLAND FOR THE AUGUST "ACTIVITY EVENING" EVENT. THIS EVENT IS THE 25TH, MEET AT THE BOAT DOCK.

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REPRINT FROM THE ARRL LETTER - AUG 2, 1984

## ARRL Now 13-Region VEC

¶ The American Radio Relay League is now a Volunteer Examiner Coordinator. On July 21, culminating more than two years of intensive planning and preparation, ARRL President Larry Price, W4RA, put his signature on the VEC Memorandum of Agreement at the ARRL National Convention in New York City. It had already been signed by FCC Managing Director Ed Minkle. The completed document was then returned to Private Radio Bureau Chief, Robert Boosaner, while several hundred amateurs looked on. The agreement authorizes the ARRL to accredit Volunteer Examiners and coordinate giving upgrade exams in each of the 13 FCC-defined regions.

On July 12 the Commission ruled on Docket 84-265 permitting recoupment of expenses by VECs. In anticipation of this, ARRL had filed its petition to become a VEC on June 27. The ARRL will now proceed on its announced course of action, coordinating Technician, General,

Advanced and Extra class exams at hamfests and conventions in September and October. Beginning in November, ARRL will coordinate exams at any location. Sponsors must register with the ARRL VEC Office, 225 Main Street, Newington, CT, 06111, at least 75 days in advance.

The thousands of Advanced and Extra class licensees who have applied to serve as Volunteer Examiners with the ARRL are completing and returning their application materials to Hq. They will be accredited and sent credentials in time for the first ARRL coordinated exam sessions in September.

To determine when exams will next be given in your local area, check hamfest and convention brochures for September and October. Your FCC field office has exam schedule information for all VECs. An article on taking exams under the Volunteer Examiner Program will appear in the September issue of QST.



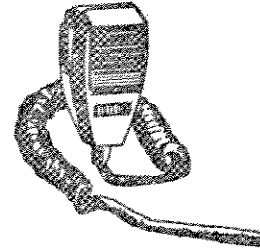
¶ The FCC suspended Dave H. Meehan's (W7IVK) Advanced class license for one year and said he will not be allowed to operate on 7235-7280 kHz after the suspension period. According to a July 27 FCC news release, the Commission cited Meehan for willfully interfering with other amateur communications near 7255 kHz, violating FCC Section 97.125.

¶ On July 26, the FCC released a Notice of Proposed Rule Making (BC Docket 79-47) proposing to amend Parts 73 and 97 of its rules concerning commercial radio and television rebroadcasts of messages transmitted by non-broadcast radio stations. Since the signing of Public Law 97-259 in 1982, amateur and CB transmissions have been exempt from the secrecy provisions of the Communications Act. In view of this, the Commission now believes that it is no longer necessary to require broadcasters to obtain permission from the originating stations in situations involving rebroadcasts of amateur and CB transmissions. Therefore, the FCC proposes to exempt these rebroadcasts from the prior authorization requirements of Section 73.1207 (c)(1) of its rules.

The FCC also proposes to eliminate the requirement that broadcast stations obtain FCC approval to rebroadcast transmissions of private non-broadcast radio stations, as well as the requirement for written notification that approval was obtained before rebroadcast of transmissions made by government-owned radio stations. For amateur and CB transmissions, no FCC approval would be required; for other transmissions, prior written permission to rebroadcast must be obtained from the originating station and made available to the FCC on request.

Finally, the Commission proposes to rewrite Section 97.113 of the amateur rules to specifically prohibit the use of amateur stations for broadcast news gathering and production purposes. Comments are due on or before October 24, and reply comments are due by November 23.

¶ Recently, three Project Goodwill transceiver kits were sent to YI1BGD (the only Iraqi station), and five to our sister society for Trinidad & Tobago (9Y). The Project Goodwill program is now administered by Nao Akiyama, N1CIX, in his dual role of ARRL International Programs Manager and IARU Assistant to the Secretary.



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Most of us have had our "HAM" ticket for, who knows how long, maybe a few days to many, many years. However, it took some work and study to pass the exam and get to where you are now no matter how long you have had your ticket. This leads me to believe that all of you are proud of your accomplishment and now you are part of the Amateur Radio family. OK, so if you are so proud how come most of you mumble your call letters????? Next time, just listen as to how distinct the guy announces his call letters. I thought for a while there was something wrong with my earball, but I don't think so, I think it is the guy talking into the microphone -- so be proud of your call and say it distinctly so I don't have to ask for it or wonder if I am coming back to you with your right call!!!

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#### CLUB JACKETS

See Hal, N7NW, for information on the jackets with the Club LOGO. Looks like what he has come up with will be just the thing for our Club.

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*those of you who  
haven't been to a club  
meeting lately, why don't  
you come this time.  
We are still friendly*

*CH*

Most of all the Public Service activities that the Club seems to be interested in have been accomplished for this year. There are one or two left that you might want to participate in:

August 19th	KE7I	271-6125	N Bend	Equestrian Event
August	K6DOW	271-5341	Seattle	BEGNF Fund Run
August 25th & 26th	K7WTG	883-8535	P Sound	Seafair Salmon Derby
August 25th	W7UOF	363-8574	Redmond	The Hell of the East Side Races
September 3rd	WA7EBH	747-7833	B Diamond	Black Diamond Parade
November 24th	K6DOW	271-5341	Seattle	Seattle Marathon
December 9th			Lk Wash	Boat Ride for the Handicapped
December 10th to 23rd	K7QMI	547-0404	Seattle	Santa Talks Program for Hospisatalized Children

Here is a Calendar of Club events:

August	18	- Club meeting at UGN Center in Renton
	25	- Blake Island Activity Evening
	30	- Board Meeting at Karl and Deborah de Jong's home
September	8-9	- VHF Contest
	15	- Club meeting at UGN Center in Renton
	16	- Picnic at Norm's Resort
October	?	- Board meeting
	3	- Activity Evening ?????????
	20	- Club meeting at UGN Center in Renton
	27	- Annual Club Auction at McMicken Hights
November	?	- Board meeting
	7	- Activity Evening ?????????
	17	- Club meeting at UGN Center in Renton
December	?	- Board meeting
	8	- Christmas Party
	15	- Club meeting at UGN Center in Renton
	17-21	- Santa Talks