



K7LED Relay

Volume 27, Number 8

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August, 1999

The Prez Sez

Alan Hughes, KB7SUV

Greetings another month another article. As I set here thinking what to write, the preparedness expo that I attended came to mind with all of the info about Y2K. So this month I would like to send along an e-mail about Y2K, I received from Ed Bruette N7NVP who is the WWA Emergency Coordinator.

It's time to send out the invitations to the New Year's Eve party. With just about 6 months left to the happy event we need to start generating interest and making a "guest list". What am I talking about? Why the Y2K party, of course! For years Emergency Communicators and Emergency Managers have moaned and groaned that we don't have enough disasters to keep people prepared, programs funded or volunteers trained. Many times I've heard "If we could just have a small earthquake". Nothing big, just enough for a wake up call." Well folks, you asked for it and you got it!

Hopefully we won't have an earthquake but we do have a potential disaster of major proportions bearing down on us. There is a silver lining to this Event! We know when it is going to arrive! We have time to prepare! We have time to recruit! On the down side, we know Y2K has the potential to affect the entire country! If it affects large areas of the country, mutual aid may not be available. We'll have to deal with the effects using the resources at hand.

At least in the WWA Section, there isn't a single ARES/RACES/ACS unit that has enough trained members to cover all the possible communications needs in their jurisdiction. I suspect there isn't a unit anywhere in the country that does. Now that we have set the stage, how do we get the rest of the cast?

I believe, in time of need we will be inundated with Hams who want to help but don't want to be bothered with regular nets, training, meetings, drills or exercises. In a "Normal" disaster these Hams will tax our ability to manage the disaster and train these new found emergency communicators simultaneously. Y2K is unique. It presents an opportunity to capitalize on all the pre-event coverage the media is providing. Since the media is beating the drum for us all we have to do is contact the Hams that are not involved in emergency communications and let them know we are mounting a major effort to cover all the contingencies of Y2K. Tell them you can't do that effectively without their participation.

I know that is easier said than done but don't let the size of the task get you down. There are lots of avenues available to get the word out. For instance visit all your area Ham clubs and let them know their help is needed. Write an article for your local newspaper asking for volunteers. Contact your Emergency Manager and ask them to find ways to do a mass mailing to all the Hams in their jurisdiction. One of the most productive recruiting tools is personal contact. Have all your members call all their Ham friends who don't regularly participate in your unit's activities. Stress the facts that you don't have enough trained people to support the community, there is still time to get ready and they don't have to make a commitment to be an active part of the unit

when we've gotten past Y2K. These are just some of the tools available to you. I know you can think of others.

I don't believe Y2K will be the end of the world as we know it but the potential for system failure exists. There will be some failures but no one can predict what or where they will be. All the Emergency Managers I know are taking the prudent approach of having all their resources in hot standby. The Washington State National Guard has been told they will be on duty during Y2K. Public safety employees have been told there will be no leave during that period. Many EOC's are already scheduled to be open.

We need to have maximum participation and be at maximum readiness too. When Y2K arrives where will you be? I'll be at the party!

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General Meeting Minutes, 7/17/99

Joyce Stroehrer, N7JPW

Officers present: President - Alan (KB7SVU); Vice President - Calvin (KC7IYP); Secretary - Joyce (N7JPW); Treasurer - Chuck (WA7EBH); Activity Manger - Tressie (KC7BAL); Radio Officer - Harry (W7JWJ); Trustee #3 - Jim (W7FKI); Trustee #4 - Mike (W7JML); Trustee #5 - Mike (KB7YXB). The meeting was called to order at 10:00 AM with all members and guests repeating the Flag Salute at the Salvation Army Building in Renton. Please announce your name and call clearly for the secretary.

Minutes: The date for the picnic is August 28. It was moved, seconded and passed to approve the minutes of the June meeting as corrected.

Introductions of members and guests were made. Members are asked to take breaks on the West Side of the building at the request of Salvation Army. The coffee and donut fund is self-supporting. We are an affiliated club, please be a responsible member and join the ARRL. Please sign the rosters at the table. Visitors are asked to refrain from voting on club matters requiring a vote.

Officer Reports

President: Alan (KB7SVU) – Thank you to Chuck and Chuck for a great Field Day. The director of Northwest Seaport is looking for Lightship station restoration group. Need a chairperson for the Christmas party. (Larry AB7FJ will be asked to coordinate.)

Vice President: Calvin (KC7IYP) - Presented new member certificates to those voted as new members previously. Prospective member Marcos Miranda (WL7JS) was presented for membership. He was voted in as new member.

Secretary: Joyce (N7JPW) has no correspondence to report.

Treasurer: Chuck (WA7EBH) reports books are in good standing. Books available for members to review.

Activity Manager: Tressie (KC7BAL) has raffle tickets available. She will raffle prizes at end of meeting. Program today will be Field day pictures and discussions.

Radio Officer: Harry (W7JWJ) states all repeaters working well. A person in Florida was fined \$20,000, for operating without a license. Other investigations are ongoing.

COB: Mike (K7JML) next board meeting is July 28 at the Salvation Army building.

Alligator Award: Presented to Chuck (N7STR).

Committee Reports

Those committees not reporting in the RELAY are asked to report now.

Education: Chuck (N7STR) wants to put together a teaching team. A sign-up sheet is available, need 6 teachers. Lesson plan is available. Next meeting first Tuesday in August.

Public Service: Mike (K7JML) needs committee members.

Picnic: August 28 at the Auburn Game Park from 9:00 AM to 3:00 PM.

Field Day: Chuck (N7STR) reports the corrected points is 9710, the highest for the club in several years. There was a logging problem this year. There were many problems, but a true exercise in emergency operating. It was a good learning process for all. Logging Sheets must be used next year. CW beach did extremely well. Certificates of appreciation presented to Wayne (KC7ORB) for the barbecue; Rita (KD7CMU) for the barracks work she did; Danny Rasmussen (no call), Alan (KB7SVU) and Chuck (WA7EBH) for the tower work. Field Day MVP presented to Joyce (N7JPW) and Michael Rasmussen (Tressie and Alan's nephew).

Tressie presented a tower book of photos to Michael.

Public Service: Wayne (K6DOW) Snohomish this afternoon. Kent parade is Sunday, July 18 (tomorrow). Many more parades for Sea Fair. Call-in is 146.58 for all parades. Torch Light parade is July 31 (Saturday). Most parking is at Seattle Center. There will be a map on the Web sight. Parking is across the

street from KCTS TV. There is a need for more hams. Command Center will be in the Group Health office building, which is secured.

New Ham Liaison: Al (KB7THX) reports Pete (KC7IBI) is on the radio for the first time in a year. Anyone needing help is encouraged to contact Al.

Contest: No report.

Relay: Jack (N7IHS) no report

Good of the Order

Tressie has more tickets to sell. Must be present to win. Notices on the tables for estate sale of Carl Butler's (W7PRW) radio equipment. Sale is on July 17, 9:00 AM to 5:00 PM, 152nd & Pacific Hwy South, Tukwila. Question regarding what to do if the big earthquake happens. Chuck (WA7EBH) explained that Hams need to come up on frequencies and listen first. Do not just get on the radio and start chatting. Many areas have groups trained in these exercises. #1 check in to net frequency, #2 get an assignment. Suggested members join ARES.

List is circulating for Teaching Team.

There being no further business, it was moved, seconded and passed to adjourn the meeting.

Relay Deadline

Submittals for the September Relay are due to the editor by September 8, 1999. Early submittals would be appreciated.

Education Committee Report

Chuck Benefiel, N7STR

The education committee met on July 6 at 6pm at Denny's Restaurant at Southcenter. There were 10 members in attendance. The main subject of the meeting was the preparation for the Team Teaching Technician Class scheduled for October. Jim Etzweiler, KD7BAT is still working on finding a location, and on the publicity sheet to be distributed to local organizations and Ham Stores. The Technician Class Lesson Plan was reviewed by the group. Harry and Nils are proof reading it for errors, as well as Board Members, for presentation to the board for approval. There will be no meeting in September, and the next meeting will take place October 12th at 6:00 PM at Denny's Southcenter.

CW Beach

Michael Dinkelman, N7WA

I got real uncomfortable last month reading about how well "N7WA's" CW gang did on the beach during Field Day. Lest anybody get any other ideas, the

CW Beach is a very cooperative effort involving many people - most who don't get much recognition. We work individually and as a group to come together and put our best foot forward each year. Sometimes, we make mistakes but generally, it's progress forward as we try new ideas and concepts.

Foremost is Jim, K7ND, our venerable "master". Keeper of reasonable ideas, new and old, he rarely gets on the air but provides the equipment so that others might. Then there is John, KI7OT, who is right there every Field Day, (along with Betty) with spare equipment and the phased verticals on 40 Meters. Finally, there is Chuck, W7CAJ, is constantly coming up with and pushing us along with ideas (some new, some old) and has the Ugly Somalia hat which scared away the rain (during Field Day it's self). These three people spent a great deal of time throughout the past year making this years event a success along with all the operators and helpers who showed up for the weekend itself.

How do I measure success? We beat the Western Washington DX Club in a head to head competition, station to station, 945 Q's to 943 Q's. We could have gone further and stretched that lead with some schedule improvements but I was happy to get away with a win. This makes it two years in a row against the WWDXC - a club riddled with contesters. I think they will be taking us seriously from now on and we will have to redouble our efforts in the future.

So, the next time someone mentions the CW Beach, look past the façade and remember it was group effort. Good job guys and gals!

Fat Boys

Chuck Benefiel, N7STR

Received as part of an e-mail from Harry Lewis after the recent Lightning strike at his house. It is not only a new theory that Einstein overlooked, I realize it might be a little too visual for some, parental guidance recommended:

"Visualize if you will one fat boy on top of tower. Fat boy unlatches climbing belt to move up one more step. Climbing belt and blue jeans slip to knee level. Fat boy holds onto tower with one hand and tries to pull up jeans with other.

There is a cardinal rule for tower climbers - the hip diameter must be greater than the waist diameter."

Code

Michael Dinkelman, N7WA

A life lived in fear of code is a life half lived.
- author unknown

Buy, Sell, Trade, or Wanted



This column is available members and relatives or friends of member (no dealers please) who have electrical/electronic equipment (including computers and software) related to Amateur radio for sale or trade. Ads will be run for two months unless the editor is notified otherwise.

For Sale - 220 MHz Gear

- Clegg, model FN-76 with mobile antenna - \$130
- Midland, model 13-509 with mobile antenna - \$130

Mobile antennas for above transceivers

Larson Mobile

Hustler CGT-220 whip

- AEA Isopole Base Antenna - \$30.

Contact Norm Ahrens (N7KWZ) at 509-684-6491 or Jim Carpenter (K7PHZ) at 253-833-9017 (k7phz@tx3.com).

Estate Sale

All items in like-new condition, not extensively used.

Radios

- IC-751A ICOM all band Transceiver - \$650
- IC-229H ICOM 144 MHz FM mobile transceiver with manual - \$150
- IC-3200A ICOM 144/430 MHz FM mobile transceiver with manual - \$200
- IC-271A ICOM 144 MHz all mode transceiver, S/N 003583, with internal power supply and manual - \$300

Power Supplies

- Small power supply (could be home brew) - \$20
- Astron RS 7A, 13.8 VDC 5A continuous 7A 50% duty cycle power supply - \$25
- Astron RS 35A power supply - \$95
- DAIWA PS 140II DC power supply - \$95

Antenna Tuners

- Smartuner SC-230 antenna tuner - \$275
- ICOM IC-AT 100 HF auto antenna tuner - \$250
- MFJ-949E Deluxe Versa Tuner II - \$75

Antenna Couplers

- Surge Protector MFJ-1704 44 position, 0-500 MHz - \$30
- Waters Hybrid Coupler, Model 3001 - \$500
- 2 Barker Williams coax switches Model 590 - \$5 each

Test Equipment

- Miller Grid dip meter, model 90651 S/N J466 - \$100
- MFJ 259 SWR Analyzer, 1.9-170 MHz - \$125
- Bird model 43 Watt Meter with 1 #1000H element, 1 #25C element, and manual - \$125
- Drake DL300 Dummy Load - \$20

Miscellaneous

- RFC - 2-23 RF Concepts 2 meter amplifier - \$50
- Advanced Electronic Scanner model PK-232 mbx - \$100
- Bestec power supply model BRS2004CS-2 - \$25

Contact Hank Newson (206-546-3433) or Kent Davis (206-781-9863)

Board Meeting Minutes, 7/28/99*Nils Hallstrom, WB7TJK*

Officers Present: President - Alan (KB7SVU); Vice President - Calvin (KC7IYP); Secretary was excused; Treasurer was excused; Activity Manager - Tressie (KC7BAL); Radio Officer - Harry (W7JWJ); Trustee #1 - Jack (N7IHS); Trustee #2 - Nils (WB7TJK); Trustee #3 Jim - (W7FKI); Trustee #4 - Mike (K7JML); Trustee #5 was excused.

Visitors: The following members were visitors Chuck (N7STR), Jim (KD7BAT), Dawn (KC7YYB), Dan (N7QHC), Ray (WA7EKH), and Eleanor (KC7EBC).

The meeting was called to order by COB Mike (K7JML) at 7:30 PM at the Renton Salvation Army. Previous Meeting Minutes

The minutes of the previous meeting were approved as printed in the Relay.

Officer Reports

President Report: - Nothing to report

Vice President: Barry Wolborsky (KC7YB) and Kimberly Wolborsky (KC7FYD) were presented to the Board for membership. Both were approved.

Secretary: No Report.

Treasurer: No Report.

Activity Manager: We will go back to the awarding of cash value certificates at Radio Depot,

Radio Officer: No Report.

Committee Reports

Technical: No Report.

Public Service: No meeting will be held in August.

Education: There will be a meeting on August 3rd, at Denny's, Southcenter. Fifteen instructors have signed up to teach the Tech Class. (N7STR) Chuck Benefiel presented a copy of the Tech Class Lesson Plan to the Board. The board, at the meeting briefly reviewed the plan. Several Members stated they could not vote approval for adoption of the plan, until they had an opportunity to study the proposed material more thoroughly. It was decided that six copies of the plan be printed and given to those members for study.

A motion was made that the instructors will use the proposed class manual subject to final approval by the Board of Directors at the August board meeting. The motion was seconded and passed.

Facilities: (WB7TJK) Nils requested the use of one of the club's Antenna Analyzers. He was told it would be available at the next regular meeting.

Field Day: The Mike & Key ARC has reserved the Wagon wheel Camp Area for Field Day 2000, (thanks to Jack (W7JTB)).

Flea Market: Meeting September 2nd.

Relay Editor: No Report.

Old Business

There was no old business presented.

New Business

Jim (KD7BAT) stated that the Mike & Key ARC web page and the swap page are in the process of being combined and will be finished in the near future.

Ray Leslie (WA7EKH) returned a box of Mike & Key ARC property (documents), to the club president, (KB7SVU) Alan Hughes. He was asked if he had the #2 videotape in this possession and indicated that he did have some additional material that belonged to the club. He said he would return it at a later date. Chuck (N7STR) stated he needed it for education classes in September.

There being no further business, the meeting was adjourned at 8:42 PM

Northwest Hamfests*Jack Grimmert, N7IHS***Tacoma Flea Market**

September 11, 1999 - 9:00 AM to 3:00 PM
Frontier Park (Pierce County Fair Grounds)
Graham, WA

Talk-In ; 146.610- PL none

Belling Ham Radio Flea Market

October 30th, 1999 - 9:00 AM to 2:00 PM
Ferndale Band Boosters Bingo Hall
Ferndale, WA

Talk-In: 146.74- PL none

Events Calendar**August**

August 15th, Wednesday - Mike & Key Net, 7:30 PM on 146.82 repeater

August 16th, Thursday - Public Service Net, 7:00 PM on 146.82 repeater

August 18th, Mike and Key General Meeting, 10:00 AM at Renton Salvation Army HQ

August 22nd, Wednesday - Mike & Key Net, 7:30 PM on 146.82 repeater

August 23rd, Thursday - Public Service Net, 7:00 PM on 146.82 repeater

August 29th, Wednesday - Mike & Key Board Meeting, 7:30 PM at Renton Salvation

August 29th, Wednesday - Mike & Key Net, 7:30 PM on 146.82 repeater

August 30th, Thursday - Public Service Net, 7:00 PM on 146.82 repeater

September

September 1st, Wednesday - Mike & Key Net, 7:30 PM on 146.82 repeater

September 2nd, Thursday - Public Service Net, 7:00 PM on 146.82 repeater

September 8th, Wednesday - Mike & Key Net, 7:30 PM on 146.82 repeater

September 9th, Thursday - Public Service Net, 7:00 PM on 146.82 repeater
September 15th, Wednesday - Mike & Key Net, 7:30 PM on 146.82 repeater
September 16th, Thursday - Public Service Net, 7:00 PM on 146.82 repeater
September 18th, Mike and Key General Meeting, 10:00 AM at Renton Salvation Army HQ

Wanted - Immediately
Michael Dinkelman, N7WA

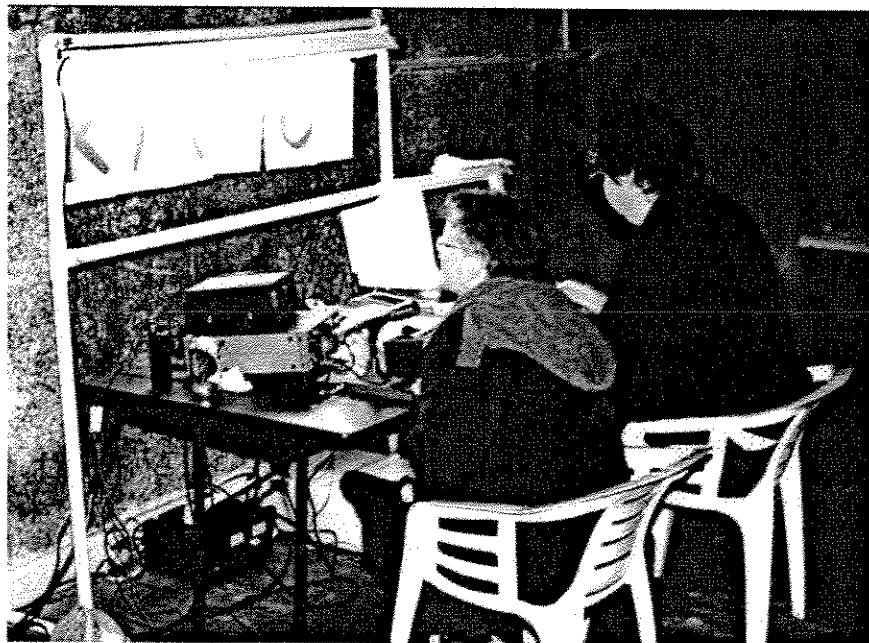
Ham in South King County to maintain regular schedule (weekly?) with sailboat crossing South Pacific over next few months. Of course, HF privileges are a must and a powerful station wouldn't hurt. If interested, please call ASAP, Mike Dinkelman, 253 631 3756 or by e-mail at mwdink@eskimo.com.

A Few Field Day Pictures

taken by Michael Dinkelman, N7WA



CW Beach



Novice Station

**Do you Remember?
From the W7JWJ Notebook**

Do you remember the days when you were very young,
when your antenna by you in that tree could be hung?
The day your amateur exam you just barely did pass?
T'was long long ago, before your arm turned to glass.

Do you remember when QST cost only a dime,
and you could work DX almost any old time?
When you sent three V's just to loosen your fist,
and added Uganda right at the top of your list?

Do you remember the whine of the musical arc,
or the thunderous crash of a kilowatt spark?
Back in the year of the crystal detector,
or even before the radio inspector?

Do you remember when at a hamfest auction of yore,
all the youngsters knew what military surplus was for?
Back when all hams were a young and courteous lot,
even before the all the bands had gone down to pot?

Do you remember when call signs were only two letters,
and in CW we always were meeting our betters?
If you don't remember old timer, please try,
but if you do it's 'cause you're older than I.

Filtered Water Bottle
Chuck Benefiel, N7STR

This will be the last meeting I will take orders for the Water Bottles. If you are interested, please contact me via e-mail or at the meeting.

If you will not be at the next meeting, you can send me a check made out to "Chuck Benefiel" with the total for the number of bottles you wish, and a note explaining your order. Mail your order to Chuck Benefiel, P.O. Box 166, Sumner, WA, 98390.

This is not a Mike and Key sponsored project, but is a personal undertaking. The 30 oz. capacity bottle comes 2 ways. Our club price:

1. By itself - \$19.24 including Tax, FOB a future club meeting.
2. With Sling - \$23.52 including Tax, FOB a future club meeting.

Here is info I need to order bottles.

Filtered Water Bottle Order Blank

Last Name _____ Callsign _____
 Address _____ City _____ St. _____ Zip _____
 Phone _____ E-mail _____

Qty.		
_____	Bottle W/Sling @ \$23.50 =	\$ _____
_____	Bottle Only @ \$19.25 =	\$ _____
	Total	\$ _____

You will have to pick up your bottles at the club meeting following my order being placed. I will not be cashing any checks, until I have reached a total of 100 bottles and have placed the order. If you have any other clubs or organizations that you are involved with that you think would be interested in participating, please let me know.

IARU Contesting - Multi-op Style

Michael Dinkelman, N7WA

Anybody, who knows me, knows that contesting is my life on the air. I've done the ragchews, hunted DX, and designed and built homebrew equipment. But when it comes down to a straight shot of adrenaline and excitement, nothing beats a good run of a 100+ Q's and hour. It's gotta be good! Else, why would I be shaking when it's over? I have tried to pass some of this enthusiasm to others in the Club with little luck but there are others out there that enjoys contesting as well. With recent improvements to my home station (large Yagi and amplifier), I decided it was time to try a multi-operator operation from N7WA to see how it fares. I picked the IARU Radiosport contest for several reasons. 1) Being in early July, the weather is usually good - too good to stay inside alone and contest. I relieved myself of guilt by spreading it among others. 2) The feel-good feeling from Field Day was still present. 3) It gives me time to fix up problems before the fall contest season begins in earnest. Invited to play were Ben, NW7DX, Chuck, W7CAJ, and Atsushi, JR1NKN.

The week before was a rush to get the station back together from Field Day and some low band antennas up. The original intent was to be able to use two radio's (one for multiplier hunting) but that never really panned out. I learned after the contest as to how we should have done it (a lesson learned). The Multi-op class also put us in the mixed mode (CW and SSB) category. That was a **big** mistake because all the invitees were "dyed-in-the-wool" CW ops. Nobody wanted to do SSB and that put us at a disadvantage. When we tried, then we couldn't figure out how to get the amp working on SSB either (another lesson learned).

The contest started with me up at 5:00 AM. Nobody else would arrive for a few hours so I started out on 80 meters. Hoping to work some Far East before the Sun rose. Conditions were such that in less than 30 minutes, I was up on 40 meters and soon after I and the rest of the world were on 20 Meters before the sun was up and on 15 Meters shortly after. Conditions were good everywhere. Atsushi showed up a short 3 hours after the start of the contest and Ben a bit later. After watching me for a while (to become familiar with the logging program - TR) they were soon doing all the operating while I cooked a bit of breakfast. The IARU is a lot of fun because you can run stateside stations when the DX runs out. There was no shortage of operating activity.

Chuck, came in around noon and was added to the operator rotation. Me, I worked around the yard and painted a couple tower sections. When Ben got bored, I put him to work cleaning up other tower sections. Atsushi got to run the riding lawn mower during his off times (well, the grass did need cutting). All through the day and evening, the station just ran as ops came and went while I didn't touch a key from morning till late that night - I didn't realize contesting could be so easy!

When it was all over, we had 722 Q's in 75 zones and another 35 Headquarter stations. Total points: 269,957. Did we do good? Nah! We stank in the rankings. Did we have fun? I thought we did and there was a lot of training that went on with this group. It wasn't as simple as doing a Field Day from home and the competition was ready. Myself, I learned many lessons about getting ready for a Multi-op and hope to put them to use when I do this again... I dunno, maybe next Fall guys?



K7LED Relay

The RELAY is the official tabloid of the Mike and Key Amateur Radio Club. The Mike and Key ARC is dedicated to the growth and betterment of Amateur Radio. We meet the third Saturday of every month at the Salvation Army Renton HQ, 720 Tobin St., Renton, WA. The Club operates repeaters on 146.82 MHz (103.5 CTCSS) and 224.12 MHz under the call sign K7LED. Two nets meet on the 146.82 repeater: the Club net on Wednesdays at 7:30 PM and the Public Service net on Thursdays at 7:00 PM. All persons interested in Amateur Radio are invited to participate in the Mike and Key ARC and its activities. Yearly dues are \$12.00 for individual memberships and \$18.00 for family memberships.

Volume 27, Number 8

August, 1999

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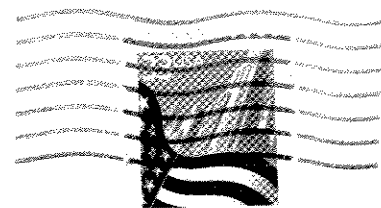
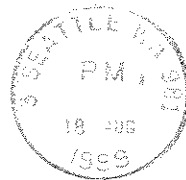
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First Class Mail

Next Club Meeting

Saturday, August 21st at 10:00 AM
Salvation Army in Renton
720 Tobin, Renton
Doors open at 9:30 AM for donuts
Talk-in on 146.82 RPTR

Sam Sullivan N7RHE 7/00
13626 - SE 232nd
Kent, WA 98042

Next Board Meeting

Wednesday, August 25th at 7:30 PM
Salvation 5th Army in Renton
720 Tobin, Renton

Program



Check Mailing Label for Dues Status

Mike & Key ARC Web Page: <http://www.mikeandkey.com>

38042/3238