



K7LED

# Relay

Volume 25, Number 9

Page 1 of 5

September, 1998

## The Prez Sez *Chuck Benefiel, N7STR*

This is an article about people, not necessarily the Hams in our club, but the people in our club. The fact that this club is made up of Hams that share the many aspects of our hobby is wonderful. This club is made up of some of the finest people that it has been my pleasure to know. As a president of the club, everyone recognizes me. It is very difficult for me to know all of you. Occasionally I goof up and get the wrong name with the wrong call sign, or get the wrong face with the wrong name. Seeing someone out of context, away from a Ham situation, can be very confusing. This is said with one intent. If you see someone you recognize away from a Ham Radio event, but can't remember their name, don't be so embarrassed that you don't take the time to acknowledge them. Maybe it's an opportunity to share something besides Ham Radio, because you both share another interest. If they don't recognize you immediately, please tell them where you know them from. Getting to know each other is half the fun.

This is an article about people. Within our club we have many members with other special interests. They are into genealogy, model and real airplanes, rockets, miniature railroads, automobile racing, astronomy, knitting, writing, publishing, embroidery, public service groups, AA, entertainment, video taping, computers, food banks, the heart foundation, the cancer foundation, exercise, singing, bike riding, motorcycle clubs, RV clubs, and organizations like the Elks, Eagles, and Masons, to name a few. We have a variety of religious and spiritual affiliations, and even a few agnostics. It's pretty hard to find someone without other outside special interests within the ranks of our club. It's this variety of interests and age groups that makes our organization so exciting and enjoyable. It's also this combination that makes our club a challenge. So many of our members have outside interests, besides their work, that it is sometimes difficult to pull participation in an event together.

Now a little bit about some special persons within our club. Last month we had an election and three qualified individuals ran for the office. The Board is proud to welcome Paula Cather, AB7ME as our new Trustee #2. Paula had 2 very capable opponents, and that made the choice difficult. Nil's Hallstrom WB7TJK and Alan Hughes KB7SVU will be back to run again.

Nil's is our new Field Day Chairman, and as a lot of you know, our situation at Fort Flagler has changed for 1999. We were not able to get the Wagon Wheel reservation. Nil's and Jack Burrell (W7JTB) immediately jumped on the situation and provided the officers of the club with the needed information to turn this disaster into an opportunity. Thanks to Chuck Strocher (WA7EBH) for his help and input because, by the club meeting, we were prepared to take camping assignments and all the information needed to make reservations. We reserved 40 sites, but by the meeting's end, half of them were already gone. This will have no effect on the Barracks situation, but it will be important for you con-

tact Nil's quickly to reserve your site.

Jumping into the thick of it this meeting was our Activities Chairman, Larry (AB7FJ), who volunteered to be your Christmas Party Chairman. Sure wish he would get a sense of humor. If you've been to one of our Christmas Parties, you ain't seen nothing yet. With Larry in charge, put on your seat belt and hang on for another one of those fun filled evenings.

A year ago I wrote an article about one of the special somebody's of our club, whose presence is highly respected by the entire membership. Last month we all watched him go through a personal tragedy. Everyone in the club is impressed with the quality and example that he reflects in his every day life. You may not know it, Frank, but you are not only a fine example, you are a true inspiration to the membership of this club. Thank you for being our friend and a part of our family.

Now for the rest of the story, Paula is a nurse and interested in teaching, Nil's and his wife Jo work with the Food Banks, Alan Hughes is heavy into ARES/RACES and tower and tree climbing, Larry is Washington State Army MARS Director. Chuck and Joyce Strocher are involved with Public Service, Seafair Parades, and The American Cancer Society. Jack Burrell is involved with 911. Frank is heavily involved in working with his church. Can you see, that with just the few people I have mentioned by name, and their many outside interests, that being a member of the Mike and Key is more than just being a HAM? It's about being a person as well.

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## General Meeting Minutes 8/15/98

*Joyce Strocher, N7JPW*

**Officers present:** President - Chuck (N7STR); Secretary - Joyce (N7JPW); Treasurer - Chuck (WA7EBH); Activity Manger-Larry (AB7FG); Radio Officer - Harry (W7JWJ); Trustee #1 - Al (KB7THX); Trustee #3 - Pete (K7WTG); Trustee #4 Mike - (KC7UFT); Trustee #5 - Adrian (KB7BVL).

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.

**General Announcements:** Please announce your name and call clearly for the secretary. Introductions of members and guests were done. 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. This meeting is run from an agenda. Any further items may be put in the in-put box for later.

**Minutes:** It was moved, seconded and passed to approve the minutes of the July meeting as printed in the Relay.

#### Officers Reports

**President:** Chuck, (N7STR) said that a chairman is needed for the Christmas Party. Larry (AB7FJ) volunteered for the position. The Wagon Wheel could not reserved for next year's event. It has been arranged to reserve a block of sites in lower campground. Sign-up sheet is being sent around. This must be in by Monday. Nils Halstrom is 1999 Field Day Chairman. There will be sub-chairs for all jobs

The Public Service pamphlets are being revised. See Mike (KC7UFT) and Mike (N7YPB) for changes or additions. The pamphlets we have at the meeting today will go to the Washington State Fair, Puyallup, to be given to Ham radio operators who visit the fair from all over.

A list of members with club interests is circulating. Please mark your interests. This will be done in future meetings.

The Novice/Technician class is to start August 22, 10 AM, at the Salvation Army Building.

WW2ND reunion is last weekend of August from Bremerton. QSL cards will be sent.

**Election:** Nominations for Trustee #2 are Nils (KB7TJK), Alan Hughes (KB7SVU), and Paula Cathur (AB7ME). Paula Cathur (AB7ME) is elected to fill the vacancy.

**Vice President:** In Jed's absence, Carolyn (WV7Q) presented applications for membership. Paul Bullard and Ilona Bullard, family membership; Jim Monaghan, Sr. (N7HKO), and Fred Roberts (W6TKV). The members approved all for membership.

**Secretary:** Joyce (N7JPW) sent sympathy card to Frank Krieger.

**Treasurer:** Chuck (WA7EBH) reports books okay.

**Activities Manager:** Larry (AB7FJ) states today's program is a video on contesting. He has tickets for sale at \$1.00 each for the raffle. Several items available. Must be present to win.

**Radio Officer:** Harry (W7JWJ) announced Sound Shake '98 is scaled down. Hams are needed for approximately 2 hours. More to come. The FCC is

restructuring the licensing for Amateur Radio. Mary Lewis has the particulars. Relay Editor: Jack (N7IHS) had a computer problem so will have the new roster soon.

**Chairman of the Board:** Pete (K7WTG) states logo committee needs money for jackets ordered by today. Order to be sent in this week and jackets available next meeting. Next board meeting is August 26, 7:30 PM, Salvation Army Building. All members are invited to attend.

#### Committee Reports

**Education:** 4 ladies in current class. Testing will be done today. Next class as above.

**Flea Market:** The date for next years Flea Market is March 12th and 13th, 1999. This is the second weekend.

**Picnic:** The Mike & Key Annual Picknic will be held on August 29th, 11:00 AM at Wilderness Park, Auburn Game Farm.

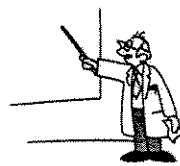
**Public Service:** There is a parade in Auburn today at noon. The Shoreline Parade is August 29th.

**New Ham Reports:** Rita and Barbara will take their tests today.

Good of the order: Joyce (N7JPW) will walk in the "Race for the Cure" for the Susan G.Komen Breast Cancer Foundation on Sept 13. She is taking pledges.

There being no further business, It was moved by Nils (WB7TJK), seconded by Ray (WA7EKH), to adjourn. Motion passed.

### From the W7JWJ Notebook Operation Upgrade Not Every Inventor is a Genius



Speak the name of Reginald Fessenden in Canada and all within earshot will know of this wireless pioneer. Reggie was a Canadian inventor of note with many firsts to his credit, such as being the first person to transmit a voice across the Atlantic. He was the inventor of the depth sounder (fathometer), the tubular vertical antenna, a radio telescope and founder of the Submarine Signal Company. He held dozens of patents in wireless experimentation.

Reginald Aubrey Fessenden was born October 6, 1866 in the rectory of a small parish of East Bolton on a bay of Lake Memphremagog, Lower Canada. He learned to read at age four with tutoring from his mother and soon could read entire paragraphs as a single unit. He was observant and a seeker after the cause and reason of things. When he was age nine his family moved to Niagara Falls USA where he entered the De Veaux Military College via a scholarship. Later there would be other school such as Trin-

ity College and Purdue before he earned the title Professor Fessenden.

After completion of schooling, Reggie chose to work for a time under on Tom Edison and the Edison Machine Company. Reggie's wife Helen told of the day he came home felling extremely depressed. Upon being pressed he explained that a few workers who had poured sand on a board and were moving it forward while a swinging pendulum traced a pattern in the sand. Tom turned to Reggie and said, "If I could freeze the sand and move the board backward I could make the pendulum sing." Reggie explained to wife Helen that when he arrived for work that morning tome had showed him a little hand cranked machine that spoke the words, "Mary had a little lamb." Helen asked, "But why should that make you so depressed?" Reggie answer, "Because two men both saw the same thing."

There followed dozens of wireless inventions and dozens of patents. In 1925 Reggie wrote a series of articles for Hugo Gernsbach and the old 'Radio News' magazine. He attempted to reach the youthful band of wireless experimenters, "The finest body of radio men in the world, the U.S. amateurs."

During his mid-sixties Reggie, with his wife Helen, retired to Bermuda where they lived the good life. After a numbers they returned on vacation to visit the site of one of the tall tubular steel radio towers that Reggie had designed. For old time sake Reggie decide to climb it again, Inside the tower was welded a ladder and near the top a small port-hole through which one could crawl out to view the countryside while standing on a circular platform. Half-way through the porthole the human genius emerged. With head and shoulders on the outside of the tower and posterior on the inside, Reggie was stuck. Somehow while in Bermuda he had gained 50 pounds.

An emergency worker climbed the internal ladder removed Reggie's pants, liberally applied bacon grease and looking the situation square in the face gently pushed Reggie inch by inch out on to the platform. An hour later the half-naked Fressenden was lowered to the ground via rope and sling to be greeted by applause of the onlookers who had gathered to see an inventor at work.

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### Field Day 1999

*Nils Halstrom, WB7TJK.*

Due to circumstances beyond our control, we were unable to reserve the Wagon Wheel for next years Field Day. The club has made arrangements for 40 campsites to fulfill the need, in the lower campground at Fort Flagler. At the meeting it was advised for everyone to sign up as soon as possible. There were only a few water and electrical hookup sites still available at meeting time. The club will only pick up the cost of two nights camping at the normal rate of ten dollars per site. The folks in the improved

sites will have to cover the additional seven dollars (\$17 total per night) for an electrical hookup.

Please contact me at 206-242-8271 to make reservations for a site, and indicate if you wish hookups. Otherwise sites will be without hookups. This will have no effect on the Barracks, but it is advised that you get your reservations in there as well. Once the reservations are full there will be no other sites or beds available. If you choose you can e-mail Chuck Benefiel, N7STR at: [cbenefiel@sprynet.com](mailto:cbenefiel@sprynet.com) and he will forward me the reservation. We will try to do everything we can to accommodate you.

I am also forming a Field Day Committee and need volunteers to fill several positions, as well as Band Chairs. Positions available are Computer (Setup, Training and Result Down Loading and processing), Barracks Master, Chuck Wagon Master, all Band Chairman, Wagon Master, Set Up & Tear-Down for Bluff, and Set Up & Tear-Down for CW Beach. Maintenance and Repair, Gas Procurement, Generator Hauler, Publicity and probably a few I have forgotten. Anyone who had a job in '98 that would like to do the same job in '99 will have first shot at it and should contact me and let me know by the end of the next meeting.

Watch for updates on Field Day 99 in future relays.

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### Flea Market Highlights

*Chuck Stroehrer, W4TEBH*

Well the 1999 Flea Market committee has had its first meeting and things are rolling for next year on March 13, 1999.

There are a golden opportunities to see how things are put together for this major club event. We are looking for some folks to be vice chairman for committees and backup to the event coordinators. In other words, we need your help.

Mike (N7WA), who is our publicity chairman, wants to change jobs next year and help Diane with registration. Mike has all the necessary form letters all set to go and the flyer design is completed. He is willing to train a helper to take over for next year.

Chuck (N7STR) would like to step down from Security. He has all the necessary contact information for the Puyallup Police Department Explorers. He is willing to train a replacement on scheduling club members to cover the necessary posts.

We have created a new position of Traffic Control in the organization. The responsibilities are coordination of the traffic (cars) onto the fair grounds and getting them through the staging area. If you would like to play traffic cop, here is your chance to be a 'Cop for a day'. Complete with traffic vest and flashlight.

We need people to control the buyer's lineup Saturday morning before the doors open. This involves setting up zigzag crowd control stuff.

We need folks with new ideas to contribute to our overall success. Our meetings usually last about 1

hour. Unlike other groups, as a chairman, you own the processes of your particular committee. You are responsible for the overall success of your committee, just like at work.

Interested? Contact Chuck (WA7EBH), general chairman, at 425-392-5303 or come to one of our meetings, which are the first Thursday of every month at 7:30 PM at the Salvation Army Building in Renton.

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## Sights and Sounds

*Sunrise, KC7YYB*

Hi there! How are you? How have you been? We haven't seen or heard from you in quite a while. What's been happening in your life? The above queries are the way most of us touch bases with friends and acquaintances that we haven't seen in some time. Sometimes it's the other way around and don't we all tend to feel more significant when we receive such a card or call?

There are some pretty significant members or former members of the Mike and Key that have been amount the missing over the past months. How many can you think of that you haven't heard from on the radio or seen at meetings? Have you cared enough to drop a line, give a call or anything to let them know they are missed?

I must admit that I'm deficient in this at times, but I know how I feel when someone tells me that I've been missed. How about it folks? Missing anyone lately? Give them a call; let them know they are missed. Enough from the soapbox for now.

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## Mt. St. Helens rumbling?

*Chuck Benefiel, N7STR*

*The following article is Reprinted from the USGS Cascade Volcano Observatory, June 2, 1998.*

The level of earthquake activity at Mt. St. Helens has been gradually increasing over the past several months and accelerated during May. Rates of activity have gone from an average of 60 events per month last winter, to 165 events in May. And as of this printing of July 25th we are right at 400 events. Most of these events are small with only 3 events larger than magnitude 2. These earthquakes are occurring in two clusters directly under the lava dome in the crater. One cluster is in the depth range of 2 to 5 km below the dome, and the other is in the depth range of 7 to 9 km. Almost no events have been located in the very shallow region of 0-2 km below the dome. None of these earthquakes are low frequency, volcanic events that typically occur as precursors to major eruptions.

This increased activity seems to be similar to that which occurred in 1995, although the current activity

is now more energetic. The 1995 activity lasted for several months in the summer and fall, had a maximum earthquake rate of 95 events per month, and resulted in no volcanic activity. A similar increase in earthquake activity in the Mt. St. Helens system occurred in 1989-91. However, at that time there were a number of very shallow earthquakes accompanied by a series of sudden steam explosions. These explosions were small eruptions of steam and gas that ejected rocks and dust (ash) from cracks in the dome. Rocks were thrown up to 1 km (1 1/2 mile) from the dome and ash clouds reached altitudes up to 6 km (20,000 feet) and locally deposited a dusting of ash downwind in a few cases. Some explosions melted snow in the crater and generated small layers that flowed onto the Pumice Plain.

Because increased earthquake activity within the deep St. Helens system may reflect increased pressure at depth, it is possible that the current earthquake activity may eventually lead to renewed volcanic activity. However, it is unlikely to do so without significant additional precursory activity. We continue to monitor the situation closely and will issue additional information statements should they be warranted. You can also keep updated on their website of: <http://www.geophys.washington.edu/seis/pnsn/helens>.

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## Events Calendar

### September

*September 16th*, Wednesday - Mike & Key Net, 7:30 PM on 146.82 repeater

*September 17th*, Thursday - Public Service Net, 7:00 PM on 146.82 repeater

*September 19th* - Mike and Key General Meeting, 10:00 AM at Renton Salvation

*September 23rd*, Wednesday - Mike & Key Net, 7:30 PM on 146.82 repeater

*September 24th*, Thursday - Public Service Net, 7:00 PM on 146.82 repeater

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

### October

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

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

*October 7th*, Wednesday - Mike & Key Net, 7:30 PM on 146.82 repeater

*October 8th*, Thursday - Public Service Net, 7:00 PM on 146.82 repeater

*October 14th*, Wednesday - Mike & Key Net, 7:30 PM on 146.82 repeater

*October 15th*, Thursday - Public Service Net, 7:00 PM on 146.82 repeater

*October 17th* - Mike and Key General Meeting, 10:00 AM at Renton Salvation

## Mike & Key Picnic '98

*Tressie Hughes, KC7BAL*

Did you find the Mike & Kay Picnic? Well if you didn't you missed a great time!!! There were 60 people who did show up, one of our largest groups in years. It was great because we had the entire park all to ourselves. There were frisbee's, croquet, and baseballs to keep people entertained, as well as miles and miles of trails by the river.

The weather was just right with sunshine and a soft cool breeze to be enjoyed by everyone sitting under the covered area. After everyone was full they pulled up a chair for a good old visit.

Wayne Heath KC7ORB brought the big unit BBQ so no one had to wait for their hot dog, turkey burger, or hamburger to be cooked. The food that was brought by everyone, lots of salads and desserts, was great and nobody went home hungry.

Sorry if you missed it, because you missed a very fine time.

## Board Meeting Minutes 8/26/98

*Joyce Stroehrer, N7JPW*

**Officers present:** C.O.B. and Trustee #3 - Pete (K7WTG); President - Chuck (N7STR); Vice President Jed (W7JED); Treasurer - Chuck (WA7EBH); Trustee #1 - Al (KB7THX); Trustee #4 - Mike (KC7UFT); Trustee #5 - Adrian (KB7BVL); Radio Officer - Harry (W7JWJ)

**Visitors:** Nils (WB7TJK); Mary (W7QGP); Dan (N7QHC); Dawn Humphery (KC7YYB).

The meeting was called to order by C.O.B. Pete (K7WTG) at 19:30 at the Salvation Army Building in Renton.

**Corrections to the previous minutes:** W7JED was present and gave the Field Day report. It was moved, seconded and passed to approve the minutes as corrected.

### Officers Reports

**President:** Chuck (N7STR) will be on vacation for next meeting.

**Vice President:** Jed (W7JED) presented new member application. Dick Butcher, KS7V, approved for presentation to membership.

**Secretary:** Nothing to report.

**Treasurer:** Paid deposit for Field Day camping and picnic reservations.

**Activity Manger:** Larry (AB7FJ) proxy report: next meetings program on Antenna design by Mr. Jack Thornton.

**Radio Officer:** Harry (W7JWJ) reported on Sound Shake 98 disaster drill to take place on September 22nd.

**Chairman of the Board:** Pete (K7WTG) will not be at next general meeting.

### Committee Reports

**Technical:** We are working on antenna mounts. Proceeding slowly due to conflicts.

**Public Service:** No report.

**Education:** Classes are going OK. The class had four people in first go around. Instructors are needed. Contact Ray (WA7EKH).

**Long-Range Planning:** No report.

**Facilities:** No report.

**Field Day:** Forty campsites have been reserved by Mike and Key for Field Day '99. The group reservation number is 352008. The club reserved only Friday night June 25th and Saturday night June 26th. If a person wants to arrive earlier or stay later, they will have to contact the park to make arrangements after Nils (WB7TJK) assigns them a campsite. The group picnic area in the lower campground, near the boat launch, has been reserved.

A motion was made by Jed Clawson to form a committee to look into the reservation system and talk to the Park department on reservation problems. It was felt that the Mike and Key should have first choice, since we have been going there for 25 years. There seems to be some confusion between the ELC and General Park reservations. Seconded by Al (KB7THX). Passed.

**Flea Market:** Next meeting here on September 3, at 7:30 PM.

**Other:** None

**Old Business:** None

**New Business:** None

**Good of the Order:** None

There being no further business, it was moved, seconded and passed to adjourn the meeting at 8:15 PM.



# 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 it's activities. Yearly dues are \$12.00 for individual memberships and \$18.00 for family memberships.

Volume 26, Number 9

September, 1998

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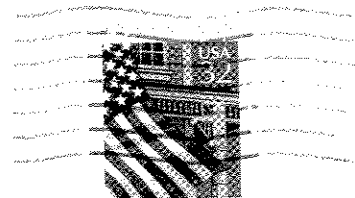
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First Class Mail

**Next Club Meeting**

Saturday, September 19th 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

**Next Board Meeting**

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

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

**September Program**

Antenna design by Mr. Jack Thornton.



**Check Mailing Label for Dues Status**

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