



Ham tries to bring peace to rival clubs

Mike Jurasek / KD7LAX

Relay Correspondent

It's almost 6:30 P.M. and I am frantically getting ready to leave when my Dad yells, "Let's go!" After I jump in the car and get on the freeway, I start wondering what the members of the Mike & Key ARC will think of me for going to "the other side."

You see, it's Wednesday and I am headed to the Radio Club of Tacoma's general meeting. I am not just going there to shoot the breeze; I'm going in the name of higher education.

Back in August 2004, I won a scholarship and since I wasn't going to college for a year, RCT held the scholarship until I registered at Highline Community College. Now, they wanted me to attend their meeting for a formal presentation (see *The Logger's Bark* for more information on the scholarship).

After accepting the award, I started to mosey on back to my seat when I heard a few friendly jibes like, "We will let you keep the scholarship even though you

are from K7LED."

After laughing with the rest of them, I thought to myself that there sure is a lot of tension between K7LED and W7DK—especially around Field Day. And I wondered if I could help?

Maybe I could say something nice about W7DK or offer them a gift from K7LED.

I snapped out of my daydream



Paul K7STQ

Mike KD7LAX.

when I heard them call for any questions or comments. I figured this was my chance, an opportunity to shine like Abraham Lincoln or Pocahontas and become the great radio club mediator.

I raised my hand, stood up and blurted out the first thing that came to mind.

"What happened to the plaque or prize that we were supposed to win when we kicked your butts at Field Day 2004?"

As soon as I sat down, I knew

I'd made a mistake. About 10 seconds of silence ensued and then the comments came.

"What bet?" a few asked. "We don't know what you're talking about."

With smiles on their faces, others said, "Take the scholarship back."

And some people just plain booed.

Then someone stood up (I am guessing he's the one who made the bet) and explained to me that K7LED would be getting some kind of prize—the one that stuck out was a beer can nailed to a piece of 2-by-4.

After the meeting, I got back in my car wondering what I'd been thinking. I guess my dreams of being the next Abraham Lincoln or Pocahontas are over. Oh, well, I guess I should count my blessings and leave it at that.

I would like to thank Jerry W7BUN for encouraging me to apply for the scholarship and the entire Radio Club of Tacoma for giving me that gift. It will help me a lot in my quest to become an electrical engineer.

The Inside Story

Ted KC7ZEO wraps up his series on how to program calculators.

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Scenes from our club's annual picnic—from the keen eye of Jack N7ZS.

Page 5

Monitoring frequencies and heroic stories from the Katrina relief effort.

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The *K7LED Relay*, published monthly, is the official newsletter of the Mike & Key Amateur Radio Club. Mike & Key ARC is an ARRL-affiliated club dedicated to the growth and betterment of Amateur Radio.

The club meets at 10 A.M. the third Saturday of every month at Salvation Army Headquarters, 720 S. Tobin Street, in Renton (near the southeast corner of Renton Airport). Anyone interested in Amateur Radio is invited to participate in the Mike & Key ARC and its activities. Annual dues are \$12 for individuals and \$18 for families.



Postal Address

P.O. Box 4234
Renton, WA 98057-4234

K7LED Repeaters

146.82 output / 146.22 input (PL 103.5)
Squak Mountain

224.120 output / 222.520 input (PL 103.5)
Tiger Mountain

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www.mikeandkey.org

E-mail

info@mikeandkey.org

Reflector

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Several club resources are available electronically:

Web: The club's site at www.mikeandkey.org includes extensive information about club events, VEC testing, membership, past editions of the *Relay* and more.

Mike & Key Online

Reflector: The public message board offers an easy and free way to converse with club members. To sign up, surf to: <http://groups.yahoo.com/mkarc>.

E-Relay: Want the newsletter in color and a day or two before the print edition arrives by regular mail? You'll also help the club save money in printing and postage costs.

To sign up, send a message to the editor: k7stq@arrl.net.

We practiced—are we ready for the game?

Sam Sullivan / N7RHE

President

Field Day was just a fun practice for the big game. Well, they've had two big games this year in the Southeast.

Are you ready for our game whenever it comes?

From the Hot Seat

We have earthquakes, floods and occasional

mountain explosions. But at least we are fortunate around here to escape hurricanes and tornadoes.

As a reminder, ensure that your generator has gasoline, your talkie batteries are charged, and your 72 hours of food, medicine and all the rest of normal preparations are done.

Sorry I missed the picnic, but I understand it went really well. Thanks Dick, KB7PSN, for put-



ting it on this year.

My trip to the upper Midwest was beautiful. If you're ever in need of mobile DX, take Interstate 94 and Highway 2 through Montana and North Dakota. Take lots of film, too.

Preparations are beginning for the Flea Market. See the story

below and future issues of the *Relay*. Get involved.

For education ideas or to join the committee, contact Guy N7ZG. For the Technical Committee, contact Dick K7NEX. If you have any ideas for a program or would like to present a program, contact Dawn KC7YYB. To assist the radio officer, contact Paul N7DOH.

Learn how to plug into Amber Alert system

Dawn Humphrey / KC7YYB

Activity Manager

Monte Simpson, K2MLS, of the Washington State Patrol will be on hand at the September meeting to present a program on the Amber Alert system.

For those of you who haven't had the experience of receiving Amber Alert messages via e-mail,

Programs & Activities

you've missed much of what may be current news because these alerts are constantly updated.

You are alerted as soon as the alerts are canceled—when others may still be searching for the vehicles, perpetrators and their unfortunate victims.

We've had two alerts recently. Only those who receive the e-mails would be aware of the situation until the evening news or if they saw signs over the freeway.

Don't miss this important program!

As always, you can also win great raffle prizes. Remember that all losing tickets get another chance in December.

Organizing for 2006 fest starts in October

The 2006 Flea Market kickoff organizing meeting will be held at 7 P.M. Tuesday, Oct. 4th.

Following last year's model, the meetings will be held at committee members' homes, and this one will be held at the Dinkelman residence. This is a meeting primarily for chairpersons, but all

Flea Market

those interested in Flea Market business are welcome to attend.

We'll discuss items related to this year's efforts and probably perform a post-mortem of last year's event. We still need a

chairperson to run Ticketing.

The address is 22222 148th Avenue SE, Kent, 98042—this is east of Kent and north of Covington.

I recommend printing out a map from Mapquest if you haven't been to my place before. (It gets really dark out here, too.)

Key Club Dates Next General mtg.: Sep. 17 Board mtg.: Sep. 28 Relay deadline: Oct. 7

Fixing errors in calculator programs

Editor's note: In this third and final installment, Ted KC7ZEO finishes up his beginner's guide to programming computers with some error-checking techniques and a program for a swamped CE amplifier.

Ted Roubal / KC7ZEO Relay Correspondent

Having finished our first program last month, let's look at some mistake-correcting tactics that you can use now—or even before this point during inputting program instructions.

Should you make a mistake when entering instructions, you can make corrections in several ways.

If, after pressing a key, you realize that it was the wrong key, you can fix this in a hurry simply by backspacing one space (pressing \triangleleft once) and pressing the right key. This will replace the wrong key entry with the right one.

Should you find that you made several mistakes in a line of instructions, you can delete an entire line at a time by first pressing PRGM, then \triangleright to select EDIT, then press ENTER.

This will display your entire program and you can scroll down to the line in question, press CLEAR and the entire line is deleted. Then you can enter the correct line of instructions, followed by ENTER.

If you left out an entire line as you went through the programming process, you can insert it by scrolling to the location where it should appear and press 2nd INS (insert). Then enter the line in question, followed by ENTER.

However, when you press ENTER, another empty line will open up and you must remove it by

pressing 2nd DEL (delete). If after all of this you are still not satisfied—that is, the program will not work—your best recourse is to delete the entire program and re-enter it. Check first to be sure that the program is written correctly.

To delete a program, press 2nd MEM (memory). Press 2 (MEM MGNT / DEL). Then press 7 to display Program Editor and press \blacktriangledown and \blacktriangle to move the cursor next to the program you wish to delete, then press DEL.

The calculator wants you to verify your intent to delete the program and it will display:

- “Are you sure?”
1. No
2. Yes”

So press 2, then ENTER and CLEAR. The program you specified is now deleted from memory.

Before proceeding, this is a good place to pause a moment and say a few more words on programming protocol. Because the calculator requires that all instructions be strung out in an orderly arrangement line by line, you always see instructions written in the form:

$A \div b + C$, or $C \div X$ or $U \div \sqrt{R}$, etc.

And not:

$$\frac{A}{b+C}, \frac{C}{X} \text{ or } U \sqrt{R}$$

However, you will encounter situations which appear to require on first encounter that you enter the instructions in this manner. An example of this is:

$$R // B // C // D.$$

This is simply a way of writing R is in parallel with B in parallel with C, etc., and means: What is the value of the four components, four resistors, for example, con-

nected in parallel? To obtain the answer you must solve the expression:

$$\frac{1}{\frac{1}{R} + \frac{1}{B} + \frac{1}{C} + \frac{1}{D}}$$

How is it possible to enter this into your program as one line of instructions in the form ...R...B...C...D...?

Enter the value for R into the calculator and then press the x^{-1} key. Now the calculator returns the reciprocal of R, that is, 1 over R, shown as R^{-1} when needed, and uses it in all calculations.

Lets do the same for B, C and D, giving: $R^{-1} + B^{-1} + C^{-1} + D^{-1}$.

Having done that, instruct the calculator to take the answer and calculate its reciprocal. That's easy: $1 \div (R^{-1} + B^{-1} + C^{-1} + D^{-1})$ will do it.

Observe that parentheses are used often in programming. If you are bit rusty on how to use them correctly when writing algebraic expressions, do a little reviewing on the subject. For practice, solve the following:

$$\frac{18 \times 9 \times (2-3)}{5 - (2 - 3)}$$

$$\frac{18 \times (9 \times 2) - 3}{5 - (2 - 3)}$$

Did you get the same answer for both? Should you? No, you should *not*.

Write the first expression as a single line using parentheses. Let the numbers and operators (+ x -) remain in place where they stand and insert where required so that the answer to the following is zero:

$$6 \times 2 + 3 + 2 \times -10 - 10 = 0$$

Continued on Page 6



Gary KG7KU and our new radio officer, Paul N7DOH, wait eagerly as the grill sizzles.



Dave KB7PSN, our trusty picnic chairman, steps up to enjoy the fruits of his efforts.

Annual picnic draws a generous crowd



Good to the last morsel.



Jack N7ZS/all photos

The Grillmeister: Wayne KC7ORB mans the “Big Unit” to serve up a bountiful fare for the 31 attendees who attended the Aug. 20 picnic. A big thanks to all those who brought food to share—and to Dave for organizing the event!



Food and fun for everyone.



Liberty Park in Renton offers good shelter when it rains, but the sun smiled on the club all afternoon.



Stephen KB7FGV (far left) enjoys fellowship with Dick WA7NIW and frequent visitor Meredith Low.

Programming a swamped CE amplifier

Continued from Page 4

A swamped CE amplifier

This program, which is presented without discussion, includes z in base, z in stage, v in gain and v out load.

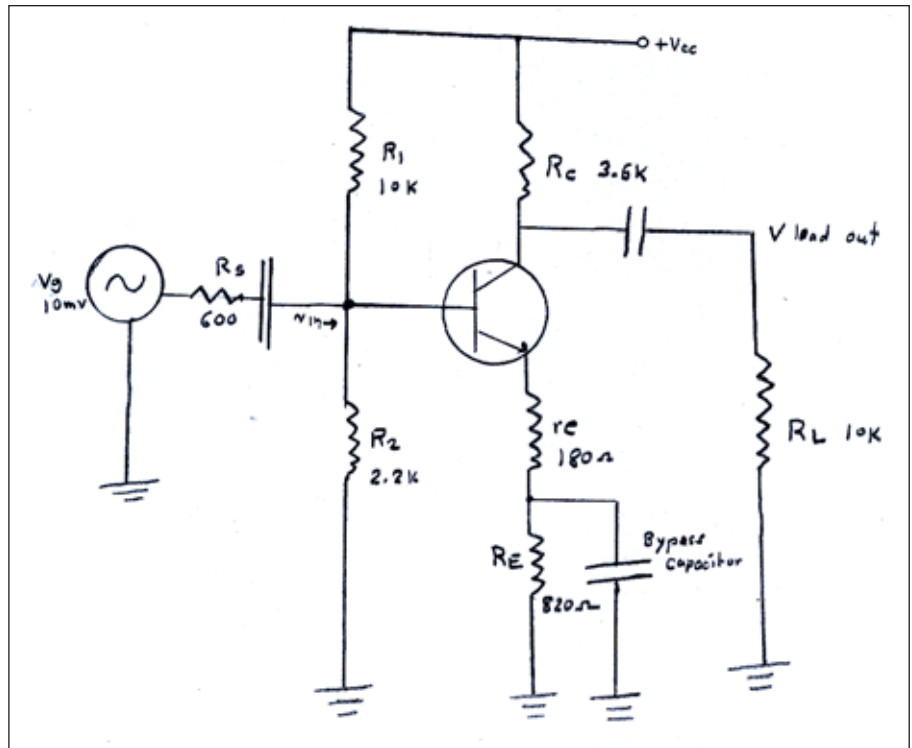
- DATA A R1
- B R2
- C re
- D Beta
- E SIG IN
- F Rg
- G Rc
- H RL

```
PRGM > > NEW ENTER
SWAMPCE ENTER
PRGM > 2 PROMPT
Alpha A, alpha B, alpha C, alpha D, alpha E, alpha F, alpha G, alpha H ENTER
Alpha A x alpha C STO alpha M ENTER
PRGM > 3 DISPLAY 2nd alpha lock
"ZINBASE" alpha, alpha M ENTER
PRGM 8 PAUSE ENTER
1/ (alpha A-1 + alpha B-1 + alpha M-1) STO alpha N ENTER
PRGM > 3 DISPLAY 2nd alpha lock
"ZINSTAGE" alpha, alpha N ENTER
```

```

                27000
ZSTG
VIN      1690.381332
GAIN     7.380348889
VOUTLD   14.70588235
                108.5345425
                Done
    
```

Panel 2



Ted KC7ZEO

Figure 1: A swamped CE amplifier.

```

A=?10000  R1
B=?2200   R2
C=?180    re
D=?150    BETA
E=?10     mV generator
F=?600    Rs
G=?3600   Rc
H=?10000  RL
    
```

Panel 1

```

PRGM 8 PAUSE ENTER
(alpha N / (alpha F + alpha N))
x alpha E STO alpha O ENTER
PRGM > 3 DISPLAY 2nd alpha lock
"V IN" alpha, alpha O ENTER
((alpha H x alpha G)/(alpha G + alpha H))/alpha C STO alpha P
    
```

```

VIN      1690.381332
GAIN     9.941189663
VOUTLD   14.70588235
                146.1939656
    
```

Panel 3

```

ENTER
PRGM > DISPLAY 2nd alpha lock
"GAIN" alpha, alpha P ENTER
PRGM 8 PAUSE ENTER
Alpha P x alpha E STO alpha Q ENTER
PRGM > 3 DISPLAY
"V OUT LD" alpha, alpha Q ENTER
PRGM 8 PAUSE ENTER
2nd QUIT ENTER ENTER
    
```

Referring to the calculator displays (Panels 1-4) and using the component values shown in the schematic (Figure 1), we see in

```

VIN      1690.381332
GAIN     9.941189663
VOUTLD   19.92825827
                198.1105951
    
```

Panel 4

Continued on Page 7

Hams offer vital link to help save victims

Greg Milnes / W7OZ

ARRL NW Division Director

I thought you'd like to see some IPR bits concerning the aftermath of Hurricane Katrina. I thank the many hams who have brought these to my attention.

From Computerworld: Volunteer ham radio operators are coming to the aid of relief agencies and emergency officials to help with badly needed communications in ravaged areas.

Some 700 ham radio volunteers from around the nation are already at work helping in the efforts, with more on the way, an ARRL spokesman said.

The volunteers are driving to needed areas and meeting with officials at staging areas, where they are being dispatched to disaster shelters, spokesman Allen Pitts said. The hams travel to the disaster areas using their own ve-

hicles and pay their own way.

From MSNBC columnist Gary Krakow: Often unsung, Amateur Radio operators regularly assist in emergency situations. Katrina was no exception.

On Aug. 29, a plea for help involving cell telephone calls and ham radio led to the rescue of 15 people stranded by floodwaters on the roof of a house in New Orleans. Unable to get through an overloaded 911 system, one of those stranded called a relative in Baton Rouge. That person called another relative, who called the local American Red Cross.

Using that Red Cross chapter's Amateur Radio station, Ben Joplin, WB5VST, relayed a request for help on the SATERN network via Russ Fillinger, W7LXR, in Oregon, and Rick Cain, W7KB, in Utah back to Louisiana, where emergency personnel were alerted. They rescued the 15 people.

Another ham heard over the same Salvation Army emergency network of a family of five trapped in an attic in Diamond Head, La. The family used a cell phone to call out.

Bob Rathbone, AG4ZG, in Tampa, checked the address on a map and determined it was in an area struck by a storm surge. He called the Coast Guard search-and-rescue station in Clearwater and relayed the information.

An hour later, he received a call from the South Haven Sheriff's Department in Louisiana that a rescue was under way.

From the ARRL: National Public Radio interviewed Ben WB5VST about his role in the rescue on "All Things Considered." Said Mark Conklin, N7XYO, a fellow Tulsa Repeater Organization member: "When all else fails, Amateur Radio works is more than a catchy tagline. It's a lifeline."

Programming: an easy-to-follow routine

Continued from Page 6

Panel 2 that the gain is about 15 and v signal in is 7.3 mV although v_g is 10 mV, showing the loading effect of a 600-ohm R_s (item F in the data).

Ideally we would like R_s to be zero ohms. This is borne out when R_s is reduced to 10 ohms; v in increases to 9.94 mV (Panel 3), and V out load increases to 146 mV.

Panel 4 illustrates the role of output load resistance R_L on output voltage. When R_L was 10,000 ohms (panel 3), gain was 14.78. Increasing R Load to 1 meg ohm results in a gain of about 20. Gain = r_c / r_e where r_c = the parallel combination (resistance) of

R_c and R_L .

Wrap-up

Programming the TI calculator is not difficult and amounts to nothing more than an easy-to-follow routine. Making any necessary corrections as you go about entering a program into your TI is also easy. Programmable graphing TIs are available from Staples, Office Depot, some Bartell stores, Vernier Technology (Beaverton, Ore.), Kelley Business Machines (Seattle), Radio Shack, Bi-Mart (Oregon) and college bookstores. However, I recommend Staples as the place to start.

Expect to pay about \$140 to \$230 for a TI programmable

graphing calculator.

Connecting your calculator to the Internet greatly extends your capabilities by allowing you to download just what you may have been looking for in the way of a certain application.

Running your TI with modules from Vernier Technology opens up a whole new realm of possibilities for your calculator. Used in conjunction with your TI, you can measure and record such variables as voltages, current, temperature, pressure, sound and light intensity, blood pressure, force, pH, and run enzyme assays.

I'd be more than pleased to assist any of you with your TI 83/84 series of calculators.

Monitoring freqs for Hurricane Katrina

Editor's note: Thanks to Ed Bruette, N7NVP, ARRL Western Washington section manager, for providing this list of important frequencies.

HF Response and Recovery Frequencies

02802.4 USB: American Red Cross (F-91) *
 03171.4 USB: American Red Cross (F-92) *
 05136.4 USB: American Red Cross (F-93) *
 05141.4 USB: American Red Cross (F-94) *
 06859.5 USB: American Red Cross (F-95) *
 07507.0 USB: USN/USCG hurricane net
 07550.5 USB: American Red Cross (F-96 - pri) *
 07698.5 USB: American Red Cross (F-97) *
 09380.0 USB: USN/USCG hurricane net (sec)

* Type-accepted equipment and an issued U.S. FCC license are required to transmit on Red Cross frequencies.

Amateur HF Gulf Coast Hurricane Nets

03845.0 LSB: Gulf Coast West Hurricane
 03862.5 LSB: Mississippi Section Traffic
 03873.0 LSB: Central Gulf Coast Hurricane
 03873.0 LSB: Louisiana ARES Emergency (night)
 03873.0 LSB: Texas ARES Emergency (night)
 03873.0 LSB: Mississippi ARES Emergency
 03910.0 LSB: Mississippi ARES
 03910.0 LSB: Louisiana Traffic
 03923.0 LSB: Mississippi ARES
 03925.0 LSB: Central Gulf Coast Hurricane
 03925.0 LSB: Louisiana Emergency (altn)
 03935.0 LSB: Central Gulf Coast Hurricane
 03935.0 LSB: Louisiana ARES (health & welfare)
 03935.0 LSB: Texas ARES (health & welfare)
 03935.0 LSB: Mississippi ARES (health & welfare)
 03935.0 LSB: Alabama Emergency
 03940.0 LSB: Southern Florida Emergency
 03950.0 LSB: Northern Florida Emergency
 03955.0 LSB: South Texas Emergency
 03965.0 LSB: Alabama Emergency (altn)
 03967.0 LSB: Gulf Coast (outgoing traffic)
 03975.0 LSB: Texas RACES
 03993.5 LSB: Gulf Coast (health & welfare)
 03995.0 LSB: Gulf Coast Wx
 07225.0 LSB: Central Gulf Coast Hurricane
 07235.0 LSB: Louisiana Emergency
 07235.0 LSB: Central Gulf Coast Hurricane
 07235.0 LSB: Louisiana Emergency
 07240.0 LSB: American Red Cross US Gulf Coast

07240.0 LSB: Texas Emergency
 07243.0 LSB: Alabama Emergency
 07245.0 LSB: Southern Louisiana
 07248.0 LSB: Texas RACES
 07250.0 LSB: Texas Emergency
 07260.0 LSB: Gulf Coast West Hurricane
 07264.0 LSB: Gulf Coast (health & welfare)
 07265.0 LSB: Salvation Army Emg. Radio (SATERN)
 07273.0 LSB: Texas ARES (altn)
 07280.0 LSB: NTS Region 5
 07280.0 LSB: Louisiana Emergency (altn)
 07283.0 LSB: Gulf Coast (outgoing only)
 07285.0 LSB: West Gulf ARES Emergency (day)
 07285.0 LSB: Louisiana ARES Emergency (day)
 07285.0 LSB: Mississippi ARES Emergency
 07285.0 LSB: Texas ARES Emergency (day)
 07290.0 LSB: Central Gulf Coast Hurricane
 07290.0 LSB: Gulf Coast Wx
 07290.0 LSB: Texas ARES (health & welfare)
 07290.0 LSB: Louisiana ARES (health & welfare)
 07290.0 LSB: Texas ARES (health & welfare)
 07290.0 LSB: Mississippi ARES (health & welfare)
 14265.0 USB: Salvation Army Emg. Radio (SATERN)
 14300.0 USB: Intercontinental Traffic
 14300.0 USB: Maritime Mobile Service
 14303.0 USB: International Assistance & Traffic
 14313.0 USB: Intercontinental Traffic (altn)
 14313.0 USB: Maritime Mobile Service (altn)
 14316.0 USB: Health & Welfare
 14320.0 USB: Health & Welfare
 14325.0 USB: Amateur-to-National Hurricane Ctr.
 14340.0 USB: Louisiana (1900)

Monitoring provides news of what is happening, but it also is an opportunity for training. Please take advantage of the training to the maximum extent possible and help as you can. As the King County emergency manager has said, one day we will be the lead story on CNN. We have no way to tell when that day will be.

Stay safe and be prepared. 73, Ed N7NVP

In its Sept. 9 Letter, the ARRL reported:

As conventional telecommunications start coming back to life, traffic has been slowing on the major regional HF emergency net—the West Gulf ARES Emergency Net on 7.285 MHz days and 3.873 MHz nights.

As a result, the net announced it would secure routine operation at 0600 UTC Sept. 10. An open net will be maintained on 3.862 MHz after that.

Public Service Events

**Saturday, Sept. 24
Autumn Leaf Festival**

Leavenworth
Contact: Gene N7QLT
425-485-5405
gbudbill@
seafairparademarshals.org

**Saturday, Oct. 1
Salmon Days Parade**

Issaquah
Contact: Gene N7QLT
425-485-5405
gbudbill@
seafairparademarshals.org

**Sunday, Oct. 2
Kitsap Color Classic Ride**

Kingston / Poulsbo Area
Contact: Gene W7AKA
425-226-4115
w7aka@comcast.net

**Sunday, Oct. 16
SCCA Mount Hood Rally**

Mount Hood, Ore.
Contact: Rich KC7TXF
360-574-8593
maryo@pacifier.com

**Saturday, Nov. 5
Veterans Day Parade**

Auburn
Contact: Gene N7QLT
Contact info: see first item

**Sunday, Nov. 27
Seattle Marathon**

Seattle
Contact: Gene N7QLT
Contact info: see first item

**Sunday, Dec. 4
Sp. People Holiday Cruise**

Seattle
Contact: Dick WA7NIW
425-828-9791
wa7niw@arrl.net

Emergency power event coincides with Salmon Run

Emergency communications operators are strongly encouraged to participate in a 15-hour special event Saturday, Sept. 17, using only emergency power.

They will be calling other EM-COMM stations who are also operating solely on emergency power. This event is designed to promote emergency preparedness and service to the public.

"Emergency power" is defined as any power source that is completely separate from commercial mains (solar panels, generators, storage batteries, alternators powered by bicycles, battery packs in HTs, wind power, etc.).

Operation may be from home or field from 6 A.M. Pacific Sept. 17 until 9 P.M. Pacific. All bands and modes included.

The exchange is up to the individual operators, but can include the traditional signal report, location and type of emergency power being used, etc.

W1AW in Newington, Conn., will be QRV on generator power, and a special QSL card will be available to stations also using emergency power that make two-way contact with W1AW.

Please include an SASE with your card request, and indicate the power source that was used.

— ARES E-Letter and ARRL

Hams invited to join Sept. 24 fox hunt

A major fox hunt in northwest Washington is scheduled for Saturday, Sept. 24, and all hams are invited to participate.

The contest, which is called the "President's Cup" due to the rivalry it encourages between the Mount Baker ARC in Whatcom County and the Skagit County ARC, has evolved since 1968.

Individuals who are not members of either club don't get a trophy if they win, but they do receive a certificate and their picture posted on the club Web site.

The fox hunt will begin at 10 A.M.

For more details, check out the Mount Baker ARC Web site at www.qsl.net/k7skw.

Pop Brown winner VP of national group

Mary Lewis / W7QGP Relay Correspondent

In the early 1970s and '80s, a very active member of the Mike & Key ARC was Clay Freinwald, K7CrazyRabbit.

In 1976, Clay was elected club president and in 1980 he was recipient of the Pop Brown award.

Clay has just been elected as vice president of a national organization, the Society of Broadcast

Engineers. Clay is also a member of our local chapter, SBE 16.

Clay was elected as a fellow in the society earlier this year and has served on the SBE Board.

Clay lives in Auburn and is a corporate engineer with Entecom. His term of office begins in October.

Did I mention that he has also served with the Western Washington Amateur Repeater Association?

August 20, 2005

Officers present:

Secretary – Gary Bryan (KG7KU)
 Treasurer – Jack Grimmett (N7IHS)
 Act. Mgr. – Dawn Humphrey (KC7YYB)
 Radio Officer – Paul Roth (N7DOH)

Trustees present:

No. 1 – Brendan Burget (KD7IKV) CoB
 No. 2 – Dick Radford (WA7NIW)
 No. 5 – Frank Tate (NA7O)

In the absence of the president and vice president, the president will be temporarily filled by Brendan KD7IKV, chairman of the board, and the vice president position will be temporarily filled by Jack N7IHS, treasurer.

Chairman Burget called the meeting to order at 10 A.M. at the Salvation Army building in Renton, Wash.

All members and guests recited the Pledge of Allegiance.

The COB made several announcements: The Mike & Key ARC is affiliated with the ARRL, which members are encouraged to join; everyone, including visitors, should sign the rosters; visitors are reminded not to vote on membership matters; smoking is allowed in the parking lot but not in front of the chapel. Members and guests introduced themselves.

Quorum present.

Minutes: Motion by Jack N7ZS and seconded by Frank NA7O to approve the minutes of the previous meeting as printed in the *K7LED Relay*. Motion passed.

Officer Reports

President – Sam N7RHE: COB Brendan KD7IKV – The next Mike & Key general membership meeting is Sept. 17.

Vice President – Carolyn WV7Q: Jack N7IHS – New membership applicants Ken Roger, KE7EAP, Paul Gilmore N7DIP, and Jim Aigner N7MU, were placed before the membership for approval, which was unanimous for each, and were approved. Welcome aboard, gentlemen.

Secretary – Gary KG7KU: Mail call included PACIFICON 2005 Amateur Radio Convention in San Ramon, Calif., Oct. 14-16. See www.pacificon.org for more details.

Treasurer – Jack N7IHS: The club's books are in good order. Gave P&L and balance sheet summary.

General Mtg. Minutes

Radio Officer – Paul N7DOH: Nothing new to report at this time.

Activity Manager – Dawn KC7YYB: Raffle items are available, please participate.

Chairman of the Board – Brendan KD7IKV: The Mike & Key Board meets Aug. 31 at Galliano's Cucina in SeaTac.

Standing Committee Reports

Technical – Dick K7NEX: Not present.

Education – Guy N7ZG: Not present.

Facilities – Brendan KD7IKV: A work party is scheduled at Alan KB7SVU's house tomorrow, Sunday, Aug. 21. Trailer equipment condition, cleaning and repair, and a review of items and inventory will be conducted.

Public Service – Dick WA7NIW: Event listings can be found on the tables.

Strategic Planning – Frank NA7O: Work continues on the club "mission statement."

Annual Picnic – Dave KB7PSN: Today following the meeting, at Liberty Park in Renton. Details & map in the *Relay*.

Flea Market – Mike N7WA: Committee chairs are being identified and meetings will begin in the next month or two.

Field Day – Steven KD7IQL: The results of the 2005 Field Day have been tallied, and generally are down from the previous years. Some difficulties were overcome relative to the contact logs, and the ARRL accepted our final inputs.

Attributing to the downturn in number of contacts were existing propagation characteristics, and across the board other ham radio clubs experienced similar reductions. More planning and improved procedures will be present to enhance our prospects for next year. Your ideas and input to the process are welcome.

Old Business

Alligator Award – So much prestige follows in the paw-prints of the Alligator Award that Calvin KC7IYP showed re-

Welcome, new members

The Mike & Key Club warmly welcomes our newest members, who were approved in August:

Jim Aigner, N7MU, an Extra from Covington;
 Paul Gilmore, N7DIP, an Extra from Des Moines;
 Kenneth Roger, KE7EAP, an Extra from Renton.

luctance to pass it on to its rightful new owner, Ermanno N7VIQ.

New Business

Brendan KD7IKV – The club Web site is experiencing difficulties. It appears to have been hit by a Trojan virus. Our club's webmaster, Jim KD7BAT, is working to re-establish integrity to the site.

Be sure you have antivirus software to protect yourself while this problem is being worked out. Contact Jim via e-mail if you have questions.

Jack N7ZS – Someone will need to attend the Fort Flagler annual committee meeting and be prepared to pay the dues to join the group at the annual meeting.

Brendan KD7IKV – Rita KD7CNU should be the one to attend.

Good of the Order

JM Van Allen – Items of the estate of the late Frank Krieger, KA7QHG, are on sale. Of the items, an MFJ-259 antenna analyzer-tuner unit has been donated to the Mike & Key Club. The analyzer was handed to Scott AG7T, who had helped with equipment removal from the property. Then the analyzer-tuner was handed on to Brendan KD7IKV, receiving the unit on behalf of the Mike & Key Club in ceremonial style.

Brendan KD7IKV – Top Hat Novelties will donate a nameplate to be placed on the unit to memorialize this gift to the club in the name of Frank Krieger KA7QHG. Thank you, Dan N7QHC and Dawn KC7YYB, of Top Hat Novelties.

There being no further business, Chuck N7LMT moved and Dick WA7NIW seconded a motion to adjourn. Approved and Chairman Burget closed the meeting at 10:49 A.M.

Attested: Gary Bryan KG7KU, Secretary



Medical update on Mike & Keyer Ron Verschuyt, K7AAE

Editor's note: John Burke, W7BO, provided this update.

Mike & Keyer Ron Verschuyt, K7AAE, wanted me to say thanks to all those who have sent him regards and cards.

Ron is weak. I chatted with him for an hour on Sept. 6, then he had to take a nap for two hours before we could visit awhile longer.

He is being fed by a tube, can't eat solids yet and is on oxygen.

He cannot drink liquids much because when the vocal cord is paralyzed, the liquids sometimes go down the wrong pipes!

He is not going to be on the radio due to the condition of his vocal cords.

August 31, 2005

Officers present:

Vice Pres. – Carolyn Pasquier (WV7Q)
Secretary – Gary Bryan (KG7KU)
Treasurer – Jack Grimmatt (N7IHS)
Act. Mgr. – Dawn Humphrey (KC7YYB)
Radio Officer – Paul Roth (N7DOH)

Trustees present:

No. 1 – Brendan Burget (KD7IKV) CoB
No. 2 – Dick Radford (WA7NIW)
No. 3 – Guy Molinari (N7ZG)
No. 4 – Dick Vance (K7NEX)
No. 5 – Frank Tate (NA7O)

Visitors: Jim KD7BAT, Dave KB7PSN, Dan N7QHC, Adrian KB7BVL

Chairman Brendan called the meeting to order at 7:02 P.M. at Galliano's Cucina in SeaTac, Wash.

Minutes: A motion by Jack N7IHS and seconded by Dick K7NEX to approve the minutes of the previous meeting. Motion passed.

Officer Reports

Chairman of the Board – Brendan KD7IKV: The next scheduled board meeting is Sept. 28.

President – Sam N7RHE: Brendan KD7IKV – Next general membership meeting is Sept. 17.

Vice President – Carolyn WV7Q: New applicants. Joel Lichtenstein, W8CQP, and John Marthens, NV6A, each received approval by the board to placed before the general membership for acceptance into the club.

Secretary – Gary KG7KU: No mail. The secretary files will be given a thorough review to identify items that need refreshing or updates. The findings will be reported at the next board meeting.

Treasurer – Jack N7IHS: Please be sure to turn in all your receipts. Some may yet be outstanding for Field Day,

Board Mtg. Minutes

and some certainly are outstanding for the annual picnic.

Activity Manager – Dawn KC7YYB: Monte Simpson, K2MLS, of the Washington State Patrol has been confirmed as the September speaker. He will be presenting information about the Amber Alert system.

That being said, Dawn and Dan N7QHC have another commitment and will not be present at the next general membership meeting. Adrian has agreed to fill in to conduct the raffle drawing during this absence.

Radio Officer – Paul N7DOH: A number of items are missing from inventory related to the new repeater. Paul detailed the items, replacement costs and suggested a plan relative to the strengths of each item. A motion was put forward to formally authorize Paul to use the available budget amount to proceed with the replacements, and the motion carried.

Further details regarding existing repeater site visitation and actual repeater replacement will follow.

Committee Liaison Reports

Facilities – Brendan KD7IKV: A work party met at Alan's KB7SVU to straighten and inventory items in the equipment trailer. Much progress was made on all fronts—hooks for hanging cables considerably increased the available floor space. Some items remain missing from inventory. Plans are being formulated to prioritize the replacement of missing items.

Strategic Planning – Frank NA7O: Please review the latest version of the Mike & Key Club mission statement, and be ready to comment and/or vote next board meeting on its posting to the Web site.

Technical – Dick K7NEX: The Yaesu 170 is being worked on.

Public Service – Dick WA7NIW: The committee is continuing to move forward on early preparation of the *Puget Sound Guide* for 2006.

Following a full and exciting parade and other-event summer, Dick will be absent from the next Public Service meeting, and needs a secretary to take notes. Gary KG7KU agreed to sit in as secretary for that meeting.

Education – Guy N7ZG: Nothing new to report.

Picnic – Dave KB7PSN: There were 31 in attendance at the club's recent annual picnic. This is a very good showing.

Old Business

No old business.

New Business

Web site – Jim KD7BAT: The Web site host has been the target of hackers, who compromised the security of the site which in turn compromised the integrity of the Mike & Key home page. The hostile encroachment produced resultant downloads of viruses to computers accessing the site. These issues have been resolved by the hosting provider, and the Mike & Key home page has been restored.

It almost goes without saying that all individuals with computers used to access the Web or e-mail should load anti-virus software onto their computer.

Good of the Order

Brendan KD7IKV – Misfortune can seem to be part of life. It has been learned that Donald K7AAE has cancer. Gary KG7KU agreed to send a card.

There being no further business, Dawn KC7YYB moved and Frank NA7O seconded a motion to adjourn. Approved and Chairman Brendan closed the meeting at 8:27 P.M.




Attested: Gary Bryan KG7KU – Secretary





Ham Nets & Events September / October 2005

Nets are on 146.82 unless indicated otherwise
Send calendar items to the Relay editor: k7stq@arrl.net

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
11 2000 — King Co. ARES (weekly)	12 0545 — Weather net: 145.33 (M-F) 1645 — Weather net (M-F)	13 2000 — Snoho. Co. RACES: 146.92 (weekly)	14 2000 — General / Tech info: 145.33 (weekly) 2100 — NWSOAR net (weekly)	15 2000 — Computer & Packet net: 145.33 (weekly) 2000 — Amateur TV net: 147.08 (weekly)	16 2000 — Youth net: 145.33 (weekly)	17 1000 — Club mtg. 1300 — Ham exams  North American SSB Sprint
18 2000 — Amateur TV net: 147.08 (weekly)  Salmon Run (Sat.-Sun.)	19 2000 — YL net: 145.33 (weekly)	20	21	22 1900 — Pub. Service net (weekly)	23	24 0900 — WA ARES HF: 3.985 (weekly) Autumn Leaf Festival Leavenworth
25 2030 — Snoho. Co. ARES: 146.92 (wkly.)  ARRL EME cont. (Sat.-Sun.)	26 1730 — Puget Sound Traffic Sys. (daily) 1800 — VVA Emerg. HF: 3.985 (weekly)	27	28 1900 — Board mtg.	29	30	1 0900 — NW Swap net: 145.33 (weekly) Salmon Days Parade Issaquah
2 2200 — Northwest Astronomy net: 145.33 (weekly) Kitsap Color Classic Kington-Poulsbo	3 1830 — VVA ARES: 3.985 (weekly) 1930 — PS Repeater: 146.96 (weekly)	4	5	6	7 Relay deadline	8
9	10	11	12	13	14	15 1000 — Club mtg. 1300 — Ham exams SCCA Rally Mount Hood, Ore.