



Tacoma club challenges the Mike & Key

Steve Cook / KD7IQL
& Brendan Burget / KD7IKV

Field Day Co-Chairmen

Field Day will be little different this year. The Radio Club of Tacoma, W7DK, has issued a challenge for bragging rights (and a trophy-type creature).

Naturally, we accepted!

This has been done in the past for just one band, but this year it will be for total points divided by the number of transmitters. We will be operating our usual 6A while Tacoma will be operating 7A.

Yes, that does give us an advantage. However, this is no reason for us to be overconfident. The Tacoma club has had more time to prepare, and are likely assured that they have strong staffing of all operating positions.

Remember the tortoise and the hare.



Everything you need to know about Field Day

Club hams heading up the bands . . . finding Fort Flagler . . . the logistics of the Wagon Wheel. It's all here on **Pages 3-6**.

Here's the lowdown on how the weekend will go.

Setup

On Friday morning at precisely 1800 UTC, we will need as many of you as possible to be on the bluff to help set up our six stations. No experience needed—we can really use your help! The more people we have, the faster and safer we can get everything in working order.

Even if you think you don't have the experience or know-how to be of any use, we need your help. I guarantee you we will have all of the collective knowledge available we will need. There are many tasks that do not require you to carry a beam or climb a tower.

Potluck

In the evening, after we're

done with setup, join us at the potluck for food, friendship, campfires and stories of Field Days gone by. Maybe we'll get to sample some of Little John's infamous chili. That is, if he deems us worthy.

There are two requests this year. One is to bring your favorite main or side dish to share. Once again, the Big Unit will be providing the meat.

The second request is that everyone please bring firewood. The person who used to make sure we had plenty of fuel for our fire has moved to that big ham shack in the sky. I wonder if his wife lets him use the radio yet?

Once we've gorged ourselves on all of that great food, we will make the sign-up sheets available.

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The Inside Story

Learn how to solder those pesky PL-259s at the club's next meeting.

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Harry W7JWJ reveals how an antenna tuner can be deadly.

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What's up with the Mike & Key Club—three decades ago.

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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

Web Site

www.mikeandkey.com

E-mail

info@mikeandkey.com

Re ector

<http://groups.yahoo.com/mkarc>

Send dues to

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Renton, WA 98059-4203

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Several club resources are available electronically:

Web: The club's site at www.mikeandkey.com 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.

Field Day is too good to be missed

Michael Dinkelman / N7WA

President

First, I want to thank Mike K7OV for stepping up to chair the picnic this year. I expect we'll be hearing from him soon on the details, but I believe it is scheduled to follow the August club meeting.

If this is June, then Field Day is breathing down our necks hot and heavy. Some of the CW

From the Hot Seat

Beach crew have been exchanging e-mails for the past month, trying to tweak our system to be even better (that's difficult, I know). Our hard-working chairs and their cohorts have been repairing generators and antennas.

All we really need is someone who can guarantee propagation and weather. Alas, I fear we will have to take whatever comes this year. Either way, I really want to thank all who have worked hard to keep up our tradition of an active and smooth-running Field Day.

Which begs the question: Are you going?

Just about 32 years ago, I walked into a Novice class being sponsored by the BEARS at the Burien Library. That first night, they showed an ARRL film (not a video, a *movie*) showing many different facets of Amateur Radio. One short scene that grabbed my attention was a bunch of lads (my age

at the time) dragging a tent and some radios up a hill and doing Field Day.

Oh, how I wanted to do that. However, for various reasons I never followed through until I joined the Mike & Key ARC.

Since then, I have never failed to participate in Field Day and I regret those years I missed. It's not always been perfect. In fact, most years, something goes wrong. Then there are the things you can't control like propagation or weather. But, working with a group of friends toward a common goal, fixing the issues, and striving to continuously improve makes it all worthwhile and fun in the end. I haven't failed to learn something new every year.

If you've never been to a Field Day, I urge you to come up and check out the Mike & Key Field Day, if only for a few hours. You'll find plenty of details on pages 3-6 in this *Relay* and the June club program will be geared toward providing any missing details.

Oh, one more thing. I guess the guys and gals down at the Radio Club of Tacoma felt up to issuing a Field Day Challenge. (I think we still have that old traveling plaque stashed around somewhere.) The challenge is based on total points. Rumor has it they'll be running 7A versus our 6A. Shouldn't be a problem, eh?

See you at the club meeting and (hopefully) Field Day.

Band chairs gearing up to do it again

Steve Cook / KD7IQL

& Brendan Burget / KD7IKV

Field Day Co-Chairmen

This year we would like to welcome Mike KD7LAX and Hideki KD7TCI as VHF co-chairmen.

Last year, after our "mishap" with the 6-meter beam, we were able to cobble together and put up some emergency antennas. I'm not sure if they even left the

tent they worked so hard.

So this year, with a repaired 6-meter beam (thanks, Little John!!!) and other exciting things planned, we're looking forward to seeing how they do with good antennas.

Our "old" radio heritage group will be infesting the beach again this year. Mike Dinkelman, N7WA, and his crew will be reminding us of the "good-old-days" of CW. I would be remiss

if I did not point out that each of CW Beach's contacts is worth 2 points. It's nice to see the old ways encouraged.

Mike Eakins, K7OV, will be manning the GOTA station for us again. As you know by now, the GOTA station allows Novice, Technicians and generally inactive hams a chance to *get on the air* to help the group's Field Day

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Key Club Dates

Next General mtg.: **June 19**

Board mtg.: **June 30**

Relay deadline **July 9**

What and where of Wagon Wheel

Michael Dinkelman / N7WA

President

If you are planning to attend the Field Day activities, you usually have your choice of staying in the Wagon Wheel or the Barracks. Since the Barracks are full, the Wagon Wheel will be your only resort.

The Wagon Wheel is a large grassy circular campground with a covered picnic area in the center. You can camp out in an RV, trailer, tent, van, back of your pickup/car or under the stars (providing we can see them).

There are fresh water and toilet facilities. There is plenty of room for everyone and the club pays the cost. Your location in the Wagon Wheel is assigned on a first-come basis. Reservations are not required but if you think you will be coming, we would like to have you let the chair know so we have an idea how many people will be using the facility.

The park also requires a daily vehicle-use pass; the chair has information on how that procedure works.

One of the more important aspects of Field Day is *eating!*

The first event will happen on Friday around 6 P.M. This will be a potluck. The Mike & Key Club will furnish hamburgers and hot dogs. Sometimes, our chef will augment those offerings with something

special like a ham.

The Mike & Key Club will also furnish the condiments for the above-mentioned items along with sodas and the finest silverware, china and linens available (that is, plastic forks, paper plates and paper napkins).

You, as club members and/or Field Day attendees, should furnish whatever you deem appropriate. Suggestions include hot and cold dishes, desserts, chips, and fruits and vegetables. Occasionally, chili appears, which will certainly light your fire.

The second glorious event will be on Saturday at the same time. This event is more commonly known as a LOPL (Left Over Pot Luck). In other words, whatever didn't get eaten on Friday will be generously offered again.

Did I make it clear that Saturday's LOPL depends on how much LO there are for the PL?

While we're at it, if Wayne brings down the *Big Unit* to cook on, it needs food itself, usually in the form of apple, cherry, maple, or plain 'ol alder.) Please bring some if you can.

Beyond that, you're all on your own, though there are rumors of a breakfast that gets served up Saturday morning occasionally.

Then again, if you're a real ham, you subsist on nothing but Cheetos and Oreo cookies after the radios get cooking at 11 A.M. on Saturday.

See you there!



Band chairs must hustle to top 2003 totals

Continued from Page 3

effort. Non-licensed people may also participate in the GOTA station under the direct supervision of a qualified control operator.

Can Dean Holtan, N7NKO, do it again?

Last year, this wild man broke the all-time, (according to data available) club record for phone contacts on 40 meters with 819 contacts. Dean will be easy to find in the wee hours of the night. Just look in the 40-meter tent and you'll see him

frantically punching away at his voice-keyer.

Curtis N7MWC and his better half Dawn, N7VWH, Hanner will be heading up 20 meters again this year.

They have their work cut out for them if they want to beat last year's record-breaking score of around 1,000 contacts. They set the bar high in 2003 and are sure to put on a great effort this year.

Richard, (new General) N7MER and crew will be scrapping it out on 15 meters again.

Now Field Day just wouldn't be the same without the Pasquier clan. Not much more to say.

You have to see it to believe it.

Radio Officer Terry WX7S has agreed to tackle the 80-/10-meter position. Last year, he had a digital station going. We are looking forward to what he has in store for us this time.

If you are still going from around midnight to 2 A.M. or so, stop by and watch Brendan KD7IKV and Dick WA7NIW digging contacts out of the dirt.



Rand McNally

Getting to Field Day

For those in the Seattle area, take the ferry to Bainbridge Island. Those in the north may opt for the Edmonds-Kingston ferry while those in the south might simply drive across the Tacoma Narrows Bridge and then north on Highways 16 and 3.

⇨ About five miles after crossing the Hood Canal Bridge, turn right onto easily-missed Highway 19 (Beaver Valley Road).

⇨ Travel 10 miles to the Chimacum four-way stop. Turn right on Chimacum-Center Road.

⇨ At the four-way stop in Port Hadlock, turn right onto Oak Bay Road (see map).

⇨ Go about one mile and turn left onto State Route 116. Fort Flagler is at the end of the road, approximately 10 miles from Oak Bay Road.

CW Beach: the ultimate experience

Michael Dinkelman / N7WA

President

Every year about this time, I usually write some long tome about the joys of being on CW Beach. This year, being a bit busy, you'll just have to take my word for it.

Rest assured that, barring calamity, we will start setting up CW Beach at 11 A.M. on Friday, June 25. The more people we have, the faster it gets done.

We expect to be using a 4-element beam on 20, the club's C3S on 15, delta loops on 40, and a

vertical on 80. We might throw in a couple of phased verticals for 15.

There will be two tents, as usual, one for 20/80 and one for 15/40. We aren't expecting much out of 15M this year unless the solar gods truly bless us. More likely, this will mean 40 and 20 will be the expected money bands for CW Beach.

Operating schedules on CW Beach are not based on a sign-up sheet (so you won't find one). They are based on who shows up to help get set up. Those doing so get the primo slots.

Rest assured, even then, there are plenty of hours available for those who can't fully partake in setup—it just might be in the wee hours of the morning.

Either way, we still invite you down to check us out. Unlike the dreary SSB sites, we have fun and you are invited to sit in, listen and even send a bit of CW if you want.

We even get on Friday night after the potluck just to check out the equipment and the bands.

CW Beach is the place to be during Field Day. Come see us.

What you'll need at Fort Flagler

Continued from Page 1

Things to Bring

Firewood, sunscreen, bug repellent, warm clothing, rain gear, extra blanket, flashlights, hand-talkie, spare batteries (don't forget extras for your HT), food and snacks, ice, drinks, potluck dish for Friday night, camping gear (if needed), matches, first aid kit, XYL and the rest of the family.

Fort Flagler

The Washington State Parks and Recreation Commission requires a vehicle parking permit to park in state parks system-wide. The commission set the vehicle parking permit fee at \$7 daily and \$70 for an annual permit. This is discounted to \$5 daily and \$50 annually until 2006.

If you're planning on coming up for the day only, you'll need one. Permits can be purchased at the Washington State Parks Web site at the park.

If you're camping in the Wag-on Wheel or are staying in the barracks, your fees are part of what the club pays for the site.

Technical Committee CD

Several of these have been made, as requested last month, and a few more will be available at the June meeting. For a list of what's available, see the *May Relay*. (A few more things have been added.)

If you want a copy, send Mike N7WA an e-mail (mwdink@eskimo.com) so he can make you one. Throw a buck (\$1) into the doughnut fund (you're honor-bound to do so).



Paul K7STQ

Mike N7WA (center) explains the essential points of soldering at the May meeting.

Afraid to solder PL-259s? Conquer your fears in June

Michael Dinkelman / N7WA

President

Seems a lot of the kibitzers at the soldering class held last month before the club meeting find soldering PL-259s a challenge, so we are going to hold another class specifically to discuss that technique in June.

Since soldering PL259s is a bit more involved than soldering a couple of wires, we'll need to start a bit earlier. If you are interested, you should be in place by 9:05 A.M. The small classroom isn't going to be big enough, so we'll meet at the head tables in the main meeting room.

If you want to actively participate, please bring a silver-plated body (not nickel-plated) PL-259, a small section of coax you want to solder it on, too, and any appropriate reducers if it's not full-sized coax.

Programs & Activities

Additionally, you might want to bring a sharp instrument of destruction (X-Acto knife) and a soldering gun if you have one. I'll have extra 259s available, but they'll cost you \$3 each.

There won't be many "tricks" here. I pretty much do my PL-259s by the book—the method suggested by the manufacturer—but maybe we can help ease the anxiety.

June Program

Our Field Day co-chairmen—Steve KD7IQJ and Brendan KD7IKV—will provide a thorough overview of what's in store for those heading to Fort Flagler on June 25-27.

If you have any questions about how the club handles Field Day, don't miss this program.

How an antenna tuner can be deadly

Harry Lewis / W7JWJ

Relay Correspondent

My military service during 1943 was as chief radio operator and instructor for the 11th Troop Carrier Command, an Air Force unit stationed at Elmendorf Air Base near Anchorage, Alaska. Our task was to fly supplies, mail and troops up and down the Aleutian Chain.

Flying in the outer Aleutians was somewhat dangerous, what with unpredictable Williwaw winds, extreme turbulence and horrendous radio static. Combine this with the roar of the engines and it possibly explains why I now wear hearing aids.

Radio operators had to copy CW with extremely upset stomachs and with no errors, for such might land the aircraft 50 feet below the surface. We were constantly direction finding, for if we missed a designated island we might have to go around the world to get back.

Static buildup was often so intense that the propeller tips on the old C-47 aircraft would be surrounded by a bright blue halo. Discharge was often from

the trailing wire antenna and glycerin wicks on the trailing surface of the wings.

There was also another unplanned discharge path. Located in the rear of the aircraft was an emergency bucket for whatever reason. In addition, there was a funnel connected to a rubber hose that exited the aircraft. When the funnel was used, the radio static would quiet for a time and we could copy a weather report. And what with electricity being unpredictable, sometimes the GI passenger who used the funnel would return to their seat in total agony and with trousers that were wet.

I decided to try an experiment to quiet the static by constructing a one-to-one isolation transformer consisting of 20 turns of insulated wire on the primary and secondary, but separated by an electrostatic shield connected to a common point ground. Upon completion and on my next flight, I connected it between the trailing wire antenna and the antenna post of the BC-312 receiver.

The device sometimes worked!

After one return flight from Attu, I was seated on my bunk writing a letter home only to look up and see two military policemen and an officer, their sidearms pulled and trained somewhere between my left and right eyes. With my hands held high above my head, I was escorted to the airfield and the C-47 aircraft I had recently occupied.

I had forgotten to remove my isolation transformer.

I was ordered to remove it from the airplane, which I did. Next, I was escorted to the middle of a runway and ordered to dismantle the device while the MPs stood 50 feet away, their firearms still trained on me.

After disassembling the device, they carefully approached to see a three-foot piece of black cloth electrical tape (vinyl stickum tape had yet to be invented), two 20-foot lengths of No. 18 cotton insulated wire, the center cardboard from a roll of toilet paper and the electrostatic shield made from aluminum wrap from a Hershey candy bar.

I'd rather not discuss my visit to the company doctor.

— 73, Harry W7JWJ

Faces from our past

This photograph of several well-known Mike & Key members surfaced in the estate of Jo Hallstrom, KB7UFM, who went silent key in September 2003. Sitting in front of Jo are Zoe and Gib Gibson, W7JIE.

Gib, who served as president of the Mike & Key in 1978, was a life member of the club as well as the ARRL. He was also ARRL

Northwestern Division vice director in 1983-84.

On the air, Gib was active in CW and a regular at public service events throughout the area. Off the air, he served as an Elmer to many hams.

Along with Wayne Moddison, W6DOW, Gil designed the original *Special Events & Information Guide* published annually by the club.



Historical treasure trove keeps club's old days alive

Michael Dinkelman / N7WA

President

Last month, I received a pretty significant gift from Pete Hedberg, K7WTG. It was a substantial set of *Relays* running from 1974 to around 1995.

As a bonus, an additional binder contains a roster from 1961, the club's original documents of incorporation from 1963, plus additional rosters and club organizational documents from 1971.

Talk about history.

I am currently undertaking a project to get this all digitized. First, to protect the club's history from loss due to disaster or accident. Also, since many of the original *Relays* are mimeographs, which was never meant to be a permanent document, they are fading with time.

In fact, it will be a challenge to scan some of these so they are still legible. Once digitized, I hope to make CD copies available to anyone interested.

In the meantime, I hope to start a new series of articles that will tell us what was going on in this club . . . way back then.

30 years ago in the Mike & Key

The following was reported in the June 18, 1974, issue of the

Mike & Key Relay.

◆ Expo '74 was being held in Spokane and special event station KD7SPO was part of the festivities. (Note: KD7 was not an issued prefix in those days.) *Relay* Editor Al WA7LUP states that the gear was provided by Swan and there was a Slow Scan demo.

◆ The club is looking forward to Field Day 1974. The club placed first in 7 land and sixth in the nation in 1973. Chuck WA7EBH reported that the county was going to grade the dirt road to the site and he was making arrangements for Sanikans.

◆ K7LED participated in the June VHF party from the top of Cougar Mountain.

◆ Upcoming events: July 20, auction with proceeds going to fund KD7SPO. Aug 11, club picnic

◆ For Sale: HQ110, 1 watt, 2-meter transceiver; HX20 transmitter; Drake 2B; Heathkit DX60 (with VFO!); Motorola 2-meter gear

The *Relay* included schematics for "narrow-banding" wide-band gear and a handy-dandy IDC circuit. (I believe both of these had to do with modifying Motorola gear for VHF use, the norm for this era.)

Flea market in Bellingham in mid-July

The American Museum of Radio and Electricity is sponsoring a flea market from 10 A.M. to 4 P.M. Saturday and Sunday, July 17-18, at 1312 Bay St. in Bellingham.

Treasures from 30 years of collecting will be available. New items will be added Sunday.

For more information, see the museum's Web site:

www.americanradiomuseum.org

Public Service Events

Saturday, June 19 Strawberry Fest Parade

Marysville

Contact: Tom, WB7OUT

206-784-9243

bc994@scn.org

Saturday, June 26 Flying Wheels Bike Ride

Redmond - Monroe

Contact: Gene, W7AKA

425-226-4115

w7aka@arrl.net

Sunday, July 4 Kids Parade

Issaquah

Contact: John, KA7TTY

425-392-7623

johntty@hotmail.com

Saturday, July 10 Mercer Island Parade

Mercer Island

Contact: Tom, WB7OUT

206-784-9243

bc994@scn.org

Saturday, July 10 Kla Ha Ya Days Parade

Snohomish

Contact: Tom, WB7OUT

206-784-9243

bc994@scn.org

Saturday, July 10 Debry Days Parade

Redmond

Contact: Tom, WB7OUT

206-784-9243

Saturday, July 10 Strawberry Fest Footrace

Vashon Island

Contact: Dana, KD7KPZ

360-897-9015

kd7kpz@arrl.net

Sunday, July 11 Cornucopia Days Parade

Kent

Contact: Tom, WB7OUT

206-784-9243

bc994@scn.org

Items for Sale

Japan Radio (JRC) NRD-515 communications receiver, 100 KHz - 30 MHz with NVA-515 external speaker. Has optional Collins 1.9 KHz and 3.8 KHz filters, original packing boxes and operating manual. Excellent condition, very clean, like new, non-smoker. Asking \$650 / OBO. Negotiable.

Yaesu VX-5 handheld transceiver, triband 6M, 2M and 70CM with NC-72B charger, MH-34 microphone and "The Pouch" carrying case. Has operating manual. Excellent condition, very clean, like new, non-smoker. Asking \$185 / OBO. Negotiable.

Icom IC-R10 handheld communications receiver, 500 KHz - 823.9999 MHz, 849.001 MHz

- 868.9999 MHz, 894.0001 MHz - 1.3 GHz with BC-110A charger, operating manual and "The Pouch" carrying case. Excellent condition, very clean, like new, non-smoker. Asking \$225 / OBO. Negotiable.

Barker & Williamson ASW-60 shortwave listening multiband trapped antenna, 11M - 160M. Excellent condition, like new, never used. Asking \$50 / OBO. Negotiable.

Contact Ed Maher, NL7VP: 206-248-5547 or by e-mail at hamradioed@msn.com.

Items for Sale

Swan 500 SSB Transceiver
3-element Mosely Yagi
Tower (type unknown)
Contact Steve: 425-358-0379

NTIA says power lines noisier than BPL

The National Telecommunications and Information Administration's comments on BPL reveal the political face of an agency eager and determined to sell the technology's viability, no matter what its own scientists have concluded.

The NTIA's largely scientific Phase 1 report, which clearly established BPL's interference potential, take pains to depict the technology not only as workable but desirable to all.

At one point, the NTIA calls

BPL "a win-win proposition," claiming that its widespread deployment could lead to a reduction in power line noise.

"Substitution of BPL emissions for the strong, much wider-bandwidth power line noise emissions will broadly reduce risks of interference to radio-communications," the agency asserts. The NTIA says it's measured power line noise levels that are higher than the proposed BPL emission limits.

— *The ARRL Letter*

The kudos keep coming

Editor's Note: *The 2004 Flea Market is just a memory now, but Diane KB7DNE sends along this comment from a Seattleite to remind us that what our club does is appreciated by others:*

Show was best organized and user friendly of any show anywhere, of any category, I have ever attended, ever. TNX!

Northwest DX convention on tap in Everett this July

This year's Pacific Northwest DX Convention will be held July 16-18 at the Quality Inn in south Everett.

As always, this renowned event will include plenty of informative seminars and a chance for you to catch up with old friends or possibly put a face to a new contact on the air.

For hotel reservations (\$79 per night), call 425-227-2900.

Complete details are available at the Western Washington DX Club Web site:

www.wwdxc.org

Or call Denny Bowman, W7SNH, at 425-745-6149.

Meeting called to order by Brendan.

In attendance: Jim, Brendan, Ted, Gary, Pam, Dawn, Dan, Hideki, Robert, Dick.

Old Business

Brendan and Dick to compile data for database.

Subcommittee for picking up booklet changes still active; nothing new to report.

Public Service Committee Meeting: May 15, 2004

New Business

Brendan asked if anyone is interested in trying JOTA again this year. With the problem interfacing with the Scouting program, the likelihood of our participation is doubtful. Maybe if we can get people who are also certified through ESAR

who have already passed the background check, that would be the way to go.

Robert suggested that we compile a comprehensive list of local area repeaters that we could include in our booklet. Dick to find out if a local list is available giving locations that could be published.

Decided not to meet next month due to Field Day meeting and Marysville parade.

Meeting adjourned at 13:39.

Officers present:

President – Michael Dinkelman (N7WA)
 Vice President – Sam Sullivan (N7RHE)
 Secretary – Gary Bryan (KG7KU)
 Treasurer – Jack Grimmatt (N7IHS)
 Activity Manager – Adrian Roth (KB7BVL)

Trustees present:

No. 1 – Scott Robinson (AG7T)
 No. 2 – Dick Radford (WA7NIW)
 No. 3 – Steve Cook / CoB (KD7IQL)
 No. 4 – Richard Pasquier (N7MER)
 No. 5 – Dave Smith (KB7PSN)

Visitors: Vicki Hoyt, chief marshal
 – Seafair Parade Marshals.

President Dinkelman called the meeting to order at 10 A.M. at the Salvation Army Building in Renton, Wash. All members and guests repeated the Pledge of Allegiance. The president 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 Steve KD7IQL and seconded by Mike K7OV to approve the minutes of the previous meeting as printed in the *K7LED Relay*. Motion passed.

Officer Reports

President – Mike N7WA: Upon announcing the need for a Picnic chairperson, Mike K7OV volunteered to take on the task. Please find on the tables the *Puget Sound Events and Information Guide*. Take one and find opportunities to help with public service events as a ham radio volunteer.

Vice President – Sam N7RHE: As yet undelivered Longevity Awards were given to those present. New Memberships: Mark Huffstutter KB7WAL, Ron Lockard W7KX, Cortland Richmond KA5S, Frank Tate NA7O, and Bill Waesche KE7CG; prospective members were voted in as new members by the club membership. Welcome to the club, and you are encouraged to share your knowledge and skills through involvement in club activities.

Secretary – Gary KG7KU: The May '04 *Logger's Bark*, of the Radio Club of Tacoma, is available. Special acknowledgement and commendation is to be

General Meeting Minutes May 15, 2004

extended to Paul K7STQ, for going the 'extra distance,' finishing out the term as secretary while taking on the task as editor of the *Relay*. Paul, thank you so much for your extra efforts and leadership example.

Treasurer – Jack N7IHS: Issued the P&L statement.

Radio Officer – Terry WX7S: Not present - attending Dayton.

Activity Manager – Adrian KB7BVL: Our very own Scott AG7T will be making a presentation on propagation, following the meeting. Raffle items are available, please participate.

Chairman of the Board – Steve KD7IQL: Field Day comments later in the meeting. Next board meeting is May 26; everyone is welcome to attend.

Standing Committee Reports

Those committees not reporting in the *Relay* are asked to report before the general membership.

Technical – Mike N7WA: 'Soldering 101' session was held prior to the meeting today. Interest remains for more such skill enhancement sessions, come early next month for 'Soldering 102.'

Education – Dave KB7PSN: Technician Class planning is moving along. Currently reviewing the date options.

Facilities – Steve KD7IQL: Field Day preparations continue (see Field Day Committee, below).

Public Service – Dick WA7NIW: The committee will be meeting at the Yankee Diner following the presentation.

Strategic Planning – Carolyn Pasquier WV7Q: No update.

Public Service Communications – Gary KG7KU: Introduction of Vicki Hoyt, chief marshal, Seafair Parade Marshals, visiting today. Vicki read a letter to the membership and extended to the club members words of appreciation and praise for their past, present and future dedication in support and service toward community parade events and especially the SEAFAIR Torchlight Parade.

Contact Tom WB7OUT for sign-up sheets and information for ham radio communication activities this year, or sign up online at:
www.seafairparademarshals.org.

Field Day – Steve KD7IQL: We are 41 days away from Field Day.

Brendan KD7IKV: Another work party is scheduled for 10 A.M. Sunday, June 13, at Alan KB7SVU Hughes' house. Contact Alan for directions.

We are in need of two trucks for trailer hauling to Fort Flagler for Field Day. Please let us know of your ability to support this requirement.

Barracks reservations: contact Rita KD7CNU. Wagon Wheel is first-come, first-served; contact Jack N7IHS for information.

Ferry charging practices include antenna height. Lower the antenna and you may significantly lower the fare.

It was requested that a map with directions to Fort Flagler be included in the June *Relay*.

Picnic – New chair: Mike, K7OV. Any and all are encouraged to support Mike in planning and execution of the club picnic.

Awards & Appreciation – Brendan KD7IKV: Members Mike KD7LAX and Hideki KD7TCI are commended with special recognition as the "Most Improved Hams" as witnessed from their VHF contributions at last year's Field Day.

Alligator Award – Ermanno N7VIQ extended kudos and the prestigious Alligator Award to Calvin KC7IYP.

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Welcome, new members

The Mike & Key Club warmly welcomes Mark Huffstutter, KB7WAL, a Technician from Seattle; Ron Lockard, W7KX, an Extra from Renton; Cortland Richmond, KA5S, an Extra from Redmond; Frank Tate, NA7O, an Extra from Seattle; and Bill Waesche, KE7CG, an Advanced from Rainier. The five were approved in May.



Officers present:

President – Michael Dinkelman (N7WA)
 Vice President – Sam Sullivan (N7RHE)
 Secretary – Gary Bryan (KG7KU)
 Treasurer – Jack Grimmett (N7IHS)
 Activity Manager – Adrian Roth (KB7BVL)
 Radio Officer – Terry Dettmann (WX7S)

Trustees present:

No. 1 – Scott Robinson (AG7T)
 No. 2 – Dick Radford (WA7NIW)
 No. 3 – Steve Cook / CoB (KD7IQL)
 No. 4 – Richard Pasquier (N7MER)
 No. 5 – Dave Smith (KB7PSN)

Visitors: Jack Burrell (N7ZS).

Chairman Cook called the meeting to order at 7:02 P.M. at the Salvation Army Building in Renton, Wash.

Minutes: Motion by Sam N7RHE and seconded by Adrian KB7BVL to approve the minutes of the previous meeting as printed in the *K7LED Relay*. Motion passed.

Officer Reports

Chairman of the Board – Steve KD7IQL: Nothing new at this time.

President – Mike N7WA: Nothing new at this time.

Vice President – Sam N7RHE: Review of new membership applications.

Secretary – Gary KG7KU: Nothing new at this time.

Treasurer – Jack N7IHS: Provided the P&L report.

Activity Manager – Adrian KB7BVL: Brendan KD7IKV will conduct the Field Day topic at the next general membership meeting. Jack N7ZS was given the go-ahead to complete the barracks reservation.

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Radio Officer – Terry WX7S: Back from Dayton. Provided the status and projected events leading to the installation of the VXR5000 repeater. Calibrations for baseline data will be conducted on the new and existing repeater. An amplifier was budgeted and should be purchased prior to installation. Installation and testing is estimated to be completed late June to early July.

Committee Liaison Reports

Facilities – Steve KD7IQL: Nothing new at this time. Field Day is current focus.

Strategic Planning – Carolyn Pasquier WV7Q: Working on membership data collection and metrics.

Technical – Richard N7MER: Mike N7WA is planning a second soldering class prior to next general membership meeting focusing on PL-259s.

Public Service – Dick WA7NIW: Discussion ongoing on how / whether to pursue JOTA with Scout coordination.

Education – Dave KB7PSN: Currently looking for instructors and testers for Technician class.

Field Day – Steve KD7IQL: The Radio Club of Tacoma has issued a challenge to Mike & Key for Best of Contest. Next month's *Relay* will contain Field Day information, maps and directions.

Picnic – Adrian KB7BVL: Mike K7OV has graciously stepped forward to chair this event.

Old Business

ARES meetings not attended by Mike & Key. Terry WX7S does attend, and it was determined that this is sufficient, in an unofficial capacity.

New Business

Gary KG7KU asked if any particular activity of the club will ensure readiness, given the heightened Homeland Security statements. Discussion concluded that everyone should be sure their batteries are charged up.

Good of the Order

Ferry schedules change on Field Day, for summer. The Web site will be noted in the next *Relay*.

There being no further business, Dave KB7PSN moved and Jack N7IHS seconded a motion to adjourn. Approved and Chairman Cook closed the meeting at 8:08 P.M.

Attested: Gary Bryan – Secretary, KG7KU

BPL comments sought

The FCC has extended the deadline to file replies (comments on comments) concerning BPL to June 22. The National Telecommunications and Information Administration is expected to submit key findings of its Phase 2 BPL report soon.

— *The ARRL Letter*

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Old Business

Sam N7RHE will be mailing the remaining Longevity Awards to the recipients.

New Business

Next general membership meeting is June 19.

Good of the Order

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Greg W7HRC – Requested nine members interested in the QRZ ham call CD to contact him. This will remove shipping costs generally associated with shipping single CDs.

Dave KB7PSN – If there is club interest in KCTS Pledge Drive, let leadership know or contact Dave.

Ronnie KC7UFS – Anyone interested

in supporting ACS Relay for Life, contact Ronnie.

Mike N7WA – The Pacific NW Convention is July 16-18 at the South Everett Quality Inn. Contact Denny W7SNH at 425-745-6149.

There being no further business, Jim N7NKO moved and Mike K7OV seconded a motion to adjourn. Approved and President Dinkelman closed the meeting at 11:16 A.M.

Attested: Gary Bryan – Secretary, KG7KU





Ham Nets & Events June / July 2004

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
13 2000 — King Co. ARES (weekly) 2000 — Amateur TV net: 147.08 (weekly)	14 0545 — Weather net: 145.33 (M - F) 1645 — Weather net (M-F)	15 2000 — Snoho. Co. RACES: 146.92 (weekly)	16 2000 — General Info & Tech net: 145.33 (weekly)	17 1900 — Pub. Service net (weekly)	18 2000 — Youth net: 145.33 (weekly)	19 0900 — Club net 1000 — Club mtg. 1300 — Ham exams Strawberry Festival Parade — Marysville
20 2030 — Snoho. Co. ARES: 146.92 (weekly)	21	22	23	24	25 Field Day setup	26 Field Day Tour de Pierce Puyallup Redmond to Monroe Bike Ride
27 2200 — Northwest Astronomy net: 145.33 (weekly)	28 1800 — WARTS: 3.970 (daily) 1845 — WSN I: 3.658 (daily)	29	30 1915 — Board mtg.	1	2	3 0900 — WA Emerg. HF: 3.985 (weekly) Original QRP contest (Sat. - Sun.)
4 Kids Parade Issaquah	5 1900 — Elmer's net: 145.33 (weekly) 2000 — YL net: 145.33 (weekly)	6 2000 — Maple Valley ARC/ARES: 146.54 (weekly)	7 2030 — WARFA swapnet: 3.908 (weekly) 2100 — NWSOAR net (weekly)	8 2000 — Computer & Packet net: 145.33 (weekly) 2000 — Amateur TV net: 147.08 (weekly)	9 Relay deadline	10 Mercer Island Parade Redmond Parade Snohomish Parade Vashon Is. Foot Race
11 IARU HF World Champ. (Sat. - Sun.) Kent Parade	12 1730 — Puget Sound Traffic Sys. (daily) 1830 — WA Emerg. HF: 3.985 (weekly)	13	14	15	16 Pacific Northwest DX Convention Everett (Fri. - Sun.)	17 0900 — Club net 1000 — Club mtg. 1300 — Ham exams Olympia Parade