



From our Club President...

Fleamarket & Club Elections Ahead

by Dick Radford WA7NIW, President

I want to wish a Happy New Year to one and all. There has been much discussion of the events of the past year so we'll look forward to the events of the new year that's ahead of us. We have a lot of business to take care of, including the ratification of the Club's proposed budget for 2010.

The next big event is our annual Flea Market. Remember, this is the main fund raiser for the club. Without a successful Flea Market every year our budget would look a lot different so make sure that you sign up to work at the event as soon as possible. I know that Mike N7WA likes to have badges available at the February meeting, so we need to be signed up by the January meeting if at all possible

Right on the heels of the Flea Market is our annual election of Club Officers. All too often we only have one candidate for an office, and that makes it look like very few are interested in participating in the running of the club. We have a couple of office holders who are running up against term limits, so please seriously consider running for office.

See you at the meeting on the 16th. --Dick, WA7NIW

VE Team Statistics for 2009

by Scott Robinson AG7T

The VE team had a great 2009! I want to thank each of the VEs that helped during the year: KE7LLC, KD7IQL, WU7J, N7RHE, W7GIL, NB2J, NU6A, N7LMT, W7BRS, KF7VG, AD7CT, AC7UR, KG7MX, KD7TTI, WA7IVY, W7DUV, K7ANE, and NT9M. You showed the best of amateur radio. We had 225 people taking 249 exam elements leading to 108 Technician, 64 General, and 26 Extra class licenses awarded. This is a slight increase over 2008.

2010 Fleamarket Primer

by Michael Dinkelman N7WA

We've added a lot of new faces in the Club during the past year. This document is an attempt to provide relief from the blank stares I get when I ask if someone wants to sign up and work the event. It describes what the Flea-market is, it's importance to the Club, the level of support required, and the job categories involved.

What is it?

The Mike & Key Flea-market is a one-day Hamfest held on a Saturday during the first part of March of each year. (For those who care about such things, it's the 10th full weekend of the year not counting weekends that includes New Year's Day.) This year, it's Saturday, March 6th. It's held at the Pavilion Exhibition Building on the Western Washington Fairgrounds in Puyallup.

The Pavilion Exhibition Building is a two-story building with 40,000 sq. feet of exhibition space. The event requires setting up over 300 tables and accommodating 600 sellers and their helpers. We typically draw 1700-2000 people through the door. Note that while this is a one-day event for the public, for the Club, it requires an additional day of set-up on Friday.

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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

Web Site:

www.mikeandkey.org

Send dues to:

Mike&Key ARC
P.O. Box 4234
Renton, WA 98057-4234

K7LED Repeaters:

146.82 output / 146.22 input
(PL 103.5)
Tiger Mountain
224.120 output / 222.520 input
(PL 103.5)
Tiger Mountain

Email:

info@mikeandkey.org

Send newsletter submissions to:

Gary Bryan, *Relay* Editor
34033 33rd Ave SW
Federal Way, WA 98023-7724
kg7ku@arrl.net

Reflector:

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

Club Contacts

President	Dick Radford	WA7NIW	wa7niw@arrl.net	425-828-9791
Vice President	Kathy Martin	KB7QMO	klsmartin1@gmail.com	253-631-5370
Secretary	Ivy Nelson-Groves	WA7IVY	wa7ivy@yahoo.com	425-269-3259
Treasurer	Carolyn Pasquier	WV7Q	carolynp@sprynet.com	253-862-1157
Activity Mgr	Jim Aigner	N7MU	jimaigner@comcast.net	253-630-2752
Radio Officer	Hal Goodell	N7NW	n7nw.hal@comcast.net	253-549-4178
Trustees --				
No. 1	Tim Kane	K7ANE	k7ane@arrl.net	206-251-7467
No. 2	Steven Cook	KD7IQL	kd7iql@arrl.net	206-781-2293
No. 3	Michael Dinkelman	N7WA	n7wa@arrl.net	253-631-3756
No. 4 (CoB)	Robert Grinnell	KD7WNV	r-grinnell@comcast.net	425-398-1466
No. 5	Dave Smith	KB7PSN	kb7psn@yahoo.com	425-235-5095
Logo Committee	Dan Humphrey & Dawn Humphrey	N7QHC	n7qhc@arrl.net	206-243-0163
Webmaster	Jim Etwiler	KC7YYB	kd7bat@arrl.net	206-633-1512
VE Testing	Scott Robinson	AG7T	sgr@nwlinc.com	425-788-0162

Mike & Key Online -- Several club resources are available online:

On the Web — The Club's site at 'www.mikeandkey.org' includes extensive information about Club activities and events, such as: VE testing, membership, past editions of the *Relay* and more.

Reflector — The Club's public message board offers an easy and free way to converse with club members.

To sign up, surf to: <http://groups.yahoo.com/groups/mkarc> .

E-Relay — Want the newsletter in color and a day or two before the print edition arrives by regular mail?

You will also save the club some money in printing and postage costs. To sign up, send a message to the editor: kg7ku@arrl.net.

M&K January Meeting & Activities

by Jim Aigner N7MU, Activity Chair

December's meeting closed out a great year for us. We introduced our new Elmer Coordinators and awarded the three big annual door prizes to happy winners: Yaesu handheld to Eric Friele KE7UYC, the Samplex switching power supply to Jim Aigner N7MU, and the Yaesu 2M mobile rig to Laura Bendit KF7ELG.

The new year offers another chance to expand your ham interests and enjoy some new aspect of our hobby. Will you be active in some new phase of amateur radio this year?

Planning to travel to Vancouver Island? Your cell phone quite possibly won't work, but your VHF/UHF handheld will. Learn about the fabulous Island Trunk System at the January meeting. Dick Radford WA7NIW will give us the details of this network and share some of his experience using it during his retirement sail through the islands last summer.

This month's program has another part as well. The second part involves a demonstration of using the FCC's online Universal Licensing System (ULS) to renew a license or change an address. Mike Dinkleman N7WA will do the honors.

February's program will be dedicated to preparation for our annual Flea Market event in Puyallup. This would be a good time to finalize your commitment to help with that effort.



Photo: These door prizes await you at the Club's January General meeting.

Several nice door prizes tempt you again this month. They include a temperature-controlled solder station with digital display, a custom membership badge, 100 feet of #18 450 ohm ladder line, RG-58 crimp connectors, a digital multi-meter, and a hard hat suitable for use in tower work or for your Emergency / CERT Go Kit.

See you Saturday, January 16.

Wanted – Courier

If you are headed down to the Hamfest in Rickreall February 20th, I would be interested in sending down some Flea Market flyers with you. I can bring them to the January meeting. Mike Dinkleman, N7WA

Fleamarket -- It's Hat List Time

by Michael Dinkelman N7WA

Every year about this time, Hotpress down in Sumner asks me for list of Flea-market workers who need hats. These are nice hats that come embroidered with your Callsign. (Just another perk available to our workers thanks to the generosity of Hotpress.)

Here are the rules. 1) You must be a signed up worker. 2) You must not have received a free Hotpress hat in the last 3 years unless you've changed callsign. 3) If I get too many requests, I'll draw names to determine who goes on the list.

By the way, for the past couple of years, I always seem to get a couple of people who want a hat, sign up to work, then never show up. That's a waste of a good hat that someone else could have received. Let's not do that this year please.

In the meantime, if you need a good quality embroidered hat, t-shirt, or coat, then support our local business Hotpress. You can see samples of designs they offer, just click on, or type in the following link: <http://www.hotpresstshirts.com/> you can also call Hotpress directly: 1-800-862-1221.

Fleamarket Job Primer...[Continued from Page 1]

The event in 2010 will be the 29th Flea-market we have organized. After so many years, it's a tradition in the Pacific Northwest and arguably the largest Hamfest in the region... certainly in Washington State. We draw vendors from the entire West Coast and buyers from Canada, Washington, Oregon, and Idaho.

Why do it?

Well, it's a heck of a lot of fun but primarily, it's a fundraiser for the Club's activities. Because of this event, we can keep the dues at a ridiculously low rate of \$12. It's been calculated that if we lost the Flea-market and had to rely on dues alone that we would need to have dues in the \$60-\$70 range to maintain current levels.

More likely, we would just have to de-fund a number of activities or charge members extra to participate. We also use the funds to help produce our yearly *Special Events and Information Guide* Booklet given away freely at the event and at the yearly Communications Academy event.

Club Support

Because all of our members benefit directly, it's really a responsibility of our members to participate in making this event happen. It takes a minimum of 120 people to run this event smoothly.

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Fleamarket Job Primer...[Continued from Page 3]

We accept help from non-members too so if you can talk your spouse into it or have some reliable friends, we would be happy to include them in the worker community. All workers receive a badge that entitles them to be on the premises during setup hours just like the sellers.

That gives you a head start on finding the best deals (a very nice perk if you've ever fought the crowds). We have a number of different areas that require workers and they support all types of physical limitations.

No area is any more important than another though some may require some expertise or on-the-job training. Members may sign up to work at any Club meeting (we have a sign-up book), or by sending email to n7wa@arrl.net, or calling 253-631-3756.

But first, please read the following worker descriptions. Members are encouraged to work in several areas throughout the event.

Security - probably the simplest of worker assignments, it's important none-the-less. Your job depends on where you are assigned however, it usually involves walking the aisles watching for people lifting covers off of tables and making sure everyone has a badge. From 8-9AM on Saturday, we need a large contingent of security at the entrance doors prior to letting the crowd in. We do hire two professional guards to provide security out at the ticket booths and to handle issues that might require their level of help. Security is active during setup hours (2PM-7:30PM Friday, 5:30-AM-8:30AM Saturday). Physically, you should be able to stand and/or walk for extended periods of time.

Tickets - working the ticket booths does require some expertise at handling money (making change) and the ability to work under pressure. There will usually be two of you in a booth. We sell tickets from 8AM - 2PM Saturday. This is an important job and because you are handling Club funds, it's limited to Club members and their spouses. There are two other ticket related jobs - taking tickets and hand stamping. Those jobs are outdoors so be prepared for the weather of the day.

Announcing - a willingness to interface with the public is good here. You'll be answering questions and providing limited announcements. Announcing is also where the talk-in station is located and the door prizes are drawn. No physical requirements here, you can sit indoors the entire time. Announcing is active from 2PM-7PM Friday and 5:30AM-3PM on Saturday.

Country Store - this is our consignment area. People bring in items here when they don't have enough to fill their own table. (Workers can place items in the Country Store too and sell them commission

free.) A working knowledge of equipment is helpful in this area and you will be dealing with the public. The Country Store runs from 2PM-7PM Friday and 5:30AM-3PM on Saturday. No physical limitations.

Loading Dock - this area requires the most number of people. You need to be able to work in a team environment. There is some physical labor required here. We don't load people's equipment but we do move empty pallets by hand and full pallets using "jacks". You are working mostly under cover outdoors. This job takes a bit of on-the-job training to learn the system but it's not difficult. You will be interfacing with our vendors and a good attitude is important as they can be cranky at times. The loading dock is active from 2PM-7:30PM Friday, 5:30-AM-8:30AM Saturday, and 3PM-6PM Saturday.

Registration/Traffic Control - if you are interested in registration, please contact Diane at dmdink@yahoo.com or 253 631 3756. Registration hands out vendor packets and sells tables but job requirements are very specific and it's best you talk to Diane before committing. Her greatest needs are in the area of traffic control. Traffic Control mans the incoming and outgoing gates plus the choke point at the loading dock. This involves being outdoors in the weather and standing for extended periods of time. (These are usually very special people but highly appreciated.) This area is active from 2PM-7:30PM Friday, 5:30-AM-8:30AM Saturday, and 3PM-6PM Saturday.

Setup - On Friday, from 9AM to 2PM, a large number of workers are needed to help setup the Pavilion. This mostly involves setting up 300+ tables and 400+ chairs. It's physical work but important. We work in pairs (mostly) to reduce the burden. Also, at this time, Announcing, Registration, and Country Store will be getting ready to open at 2PM. We do provide lunch at noon on Friday for our setup workers.

Teardown - often forgotten, we need just as many people to help teardown the tables starting at 3PM on Saturday as we did setting up on Friday. If you aren't involved in performing loading dock duties or traffic control, we need you to stay on and help teardown and cleanup. Yes, we are all tired but it needs to be done.

Administration, VE Examiners, and Hospitality - these areas have specific requirements and are not generally open to public signups. If you have an interest in giving VE Exams, contact Scott Robinson via email at: ag7t@arrl.net. For Admin or Hospitality assignments, see an event Chairperson.

Okay, so... got it? Sign up and we'll see you there!

Special Focus: Elmers' Corner...

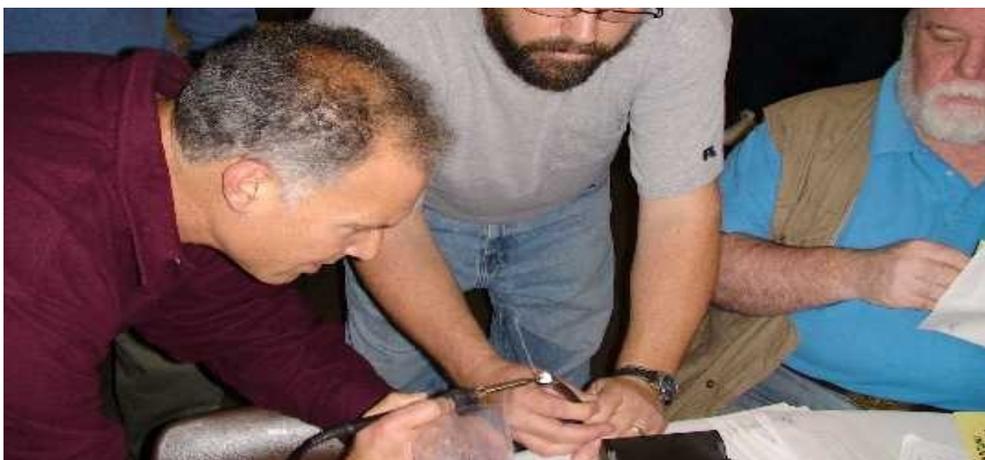


Photo: Elmers 'n' do-ers alike get down to it at the November Club Meeting

Elmer's Corner

by Jim Aigner, N7MU

This column will appear monthly to highlight your coaching activities. Please feel free to contribute news, notes, and ideas. If you have questions that don't fall into one of our existing elmer categories, raise the question at the membership meeting or drop me an email so I can assign a coordinator.

Andy Langenfelder KE7ZGR has stepped up to the coordinator's role for the Digital Modes area, which includes packet radio, PSK, and related software and hardware. Andy can be reached at 425 430-1804 or via email at ke7zgr@arrl.net.

Jeff Wandling W7BRS passes along the following invitation: "W7BRS open-shack for new hams 10am - 2pm January 23rd, 2010 (4th Saturday). Fall City, WA. Target: new hams who want to work HF. Cover simple dipoles, loops, and HF gear. **RSVP required**; space limited. 206-605-2278 dew7brs@gmail.com."

Area	Elmer Coordinator	Email	Phone	Also...
Homebrew, DX, antennas	Jeff Wandling, W7BRS	dew7brs@gmail.com	206-605-2278	New hams, satellite work
Beams and Towers	Alan Hughes, KB7SVU	kb7svu@juno.com	253-840-4947	Beam antennas and towers, safety
Contesting	Mike Dinkleman, N7WA	mwdink@clearwire.net	253-631-3756	Contest operations
CW	Mike Dinkleman, N7WA	mwdink@clearwire.net	253-631-3756	Learn CW, operating proficiency
Digital Modes	Andy Lengenfelder, KE7ZGR	ke7zgr@arrl.net	425-430-1804	All digital modes, software, TNCs
D-STAR	Steve Hatch, WA7DAD	stephen@hatch.net	206-851-8842	D-STAR technology and operation
Emergency Comm	Tim Kane, K7ANE	k7ane@arrl.net	206-251-7467	CERT, ARES, organizations and equipment
HF Operation	Dale Tongue, AC7NP	dale.tongue@gmail.com	425-432-4254	Equipment, Antennas, and best HF operating practices
New Members	Dick Radford, WA7NIW	wa7niw@arrl.net	425-828-9791	Getting started, equipment selection and operation
QRP	Frank Qualls, AB7HA	franklin_qualls@hotmail.com	425-802-1837	Low power operation, design and construction
VHF/UHF Operation	Dave Smith, KB7PSN	kb7psn@yahoo.com	425-235-5095	6 meters and up; radios, antennas, modes

Celebrate our January Members!

by Carolyn Pasquier WV7Q, Treasurer

As of January 2010, these folks have been Mike & Key members for the number of years stated. Congratulations to all of you, and thanks for your participation and service.

Each of you makes us who we are:

John Rehnstrom	WA7HQG	39 Years
Dick Lundstrom	WA7UEW	37 Years
Joyce Stroehrer	N7JPW	23 Years
John Black	W7HIL	20 Years
Michael Hansen	KG7MX	19 Years
Mike Hansen	AC7UR	19 Years
Frank Henshaw	K7VMG	16 Years
Fred Lowell	N7PZ	13 Years
Mark Whitaker	KD7KUN	9 Years
Stephen Kangas	W9SK	5 Years
Jeff Stevens	KE7FRJ	4 Years
Terry Barham	WA7PML	3 Years
Bill Morton	KE7RGC	3 Years
Ron Stein	W7GAX	3 Years
Bryan Cardoza	NB2J	1 Year
Jerry Valentine	W7OZX	1 Year

M&K General Meeting Minutes

held December 19, 2009

Meeting was called to order at 1000 hours by the Vice-President, Kathy KB7QMO.

Pledge of Allegiance.

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.

Quorum present.

Is there a motion to approve the minutes of the previous meeting as printed in the *K7LED Relay*? Steve/KD7IQL made a motion to approve the minutes as amended; Scott/AG7T seconded the motion. Motion passed.

Officer Reports:

President – Dick/WA7NIW: Kathy/KB7QMO is filling in for the absent president. The Audit committee will meet prior to the January meeting.

Secretary – Ivy/WA7IVY: Mail was delivered to the Treasurer.

Treasurer – Carolyn/WV7Q: The club's books are in good order.

Activity Manager – Jim/N7MU: Two drawings today: the monthly drawing and the yearly drawing. Today's program is a kick off for our new Elmer program.

Chairman of the Board – Robert/KD7WNV: We have had some positive development in our efforts to get possession of our repeater and he wishes to thank Hal/N7NW, Michael/KG7MX and George/AE7G for their continuing efforts.

Radio Officer – Hal/N7NW: Hal will be going up to the Tiger Mountain in the next few weeks to set up the backup repeater and try to resolve some interference issues. We will be utilizing the Cougar Mountain site for our primary repeater until next spring. Please use the 220 repeater which is on Tiger Mountain now; it is working great.

Relay Editor – Gary/KG7KU: not present.

Jim/KD7BAT stated Gary appreciates everyone who has sent him an article for the relay

Webmaster – Jim/KD7BAT: new interactive Line A map on our website; a few additions to silent keys. If anyone would like to add an article to the SK pages, please contact Jim.

Vice President – Kathy/KB7QMO: Member since 1998, Paul G. Bullard/KD7MVB became a silent key. Membership applications: Timothy Farnan/KC7LEM; Allen Evenson/KF7EST; Vanndy Eam/N7EAM; all were approved by the membership.

Standing Committee Reports:

Strategic Planning – Robert/KD7WNV: nothing to report.

Facilities and Publicity –: Dave/KB7PSN: One antenna analyzer available for check out

Education and Training –: Tim/K7ANE: We will be sending in an order to ARRL for the library; if you wish to suggest a title, please contact Tim so he can send an order in before the end of the year. A suggestion was made to put a list of the library items on the website.

Public Service – Mike/N7WA: Robert/K7WNV stated that all the assignments for content and advertisements. We will probably have to work a little harder to get advertisements this year. If anyone else would like to help, please

Technical and Special Interest – Steve/KD7IQL: Steve is looking for members for the technical committee.

Christmas Party – Mike/N7WA: We had a good turnout and most everyone had a great time

Other Committees (as appropriate)

VE Exams – Scott/AG7T: There were 21 people who attended the testing session in November: 10 Technician; 6 General and 3 Extra.

Flea Market: Hal/N7NW & Mike/N7WA: Fliers have been labeled; please sign up for worker shifts; it takes a lot of people to run the flea market.

By-Laws Review: Dave/KB7PSN: If you are interested in helping out, please contact Dave.

Awards Banquet: we need someone to volunteer for Awards banquet chair.

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January 2010

K7LED Relay

General Mtg Minutes... [Continued from Page 6]

Field Day --: We need a volunteer for Field Day Chair. Steve/KD7IQL and Brendan/KD7IKV will be happy to mentor, but will not be Field Day chairs this year.

Old Business: no old business

New Business –

2010 Budget. Carolyn/WV7Q presented the budget as proposed by the Board. Motion to approve the Budget as written made by Gil/W7GIL, seconded by Steve/KD7IQL. Discussion about including money for the library at a later time. Budget passed. Motion to add a line item for \$150 for library in an appropriate made by Jim KD7BAT/ Tim K7ANE. Motion passed.

Alligator Award – Dean/N7NKO still holds the award. Michele/WB7AYU is the new award winner and will have the award presented the next time she is in attendance.

Good of the Order –

Jim/KD7BAT announced that on December 5th we rang the bell for the Salvation Army, per kettle/hour we raised more than we did last year.

The next Mike & Key Board meeting will be on the first Wednesday of the month, January 6, 2010 at 7:00 pm, at the Salvation Army in Renton.

The next Mike & Key General Membership meeting is the third Saturday, January 16, 2010. Audit committee meets at 9:15 am.

Flea Market meeting is moving to the 2nd Tuesday, January 12, 2010.

Brendan/KD7IKV made a motion to close the meeting. The motion was passed. Meeting adjourned 1059 am.

11 guests; 44 members

Attested: Ivy Nelson-Groves WA7IVY – Secretary

M&K Board Meeting Minutes

held January 6, 2010

Officers present:

- X President – Dick Radford (WA7NIW)
- X Vice President – Kathy Martin (KB7QMO)
- X Secretary – Ivy Nelson-Groves (WA7IVY)
- X Treasurer – Carolyn Pasquier (WV7Q)
- X Activity Manager – Jim Aigner (N7MU)
- X Radio Officer – Hal Goodell (N7NW)
- X Relay Editor – Gary Bryan (KG7KU)

Trustees present:

- X No. 1 – Tim Kane (K7ANE)
- X No. 2 – Steve Cook (KD7IQL)
- X No. 3 – Mike Dinkleman (N7WA)
- X No. 4 – Robert Grinnell (KD7WNV)
- X No. 5 – Dave Smith (KB7PSN)

Chairman of the Board Robert KD7WNV called the meeting to order at 7:00 p.m.

Minutes: A motion to approve the minutes of the previous board meeting was made by Steve/KD7IQL and seconded by Dave/KB7PSN. Motion passed.

Officer Reports:

Chairman of the Board – Robert KD7WNV: The situation has been resolved with George. Elections are coming up in March. Trustees 2 & 4 are up for election; the current President and Secretary are term-limited.

President – Dick WA7NIW: nothing to report.

Vice President – Kathy KB7QMO: Application for approval: George Thornton AE7G; Scott Gilbert KF7GGN; Richard Hand KF7GOS; Glyn Gardner KF7FZL and Michelle Hammers N7CWV; Timothy Mauery NT9M. All were approved by the board.

Secretary – Ivy WA7IVY: Nothing to report.

Treasurer – Carolyn WV7Q: Carolyn ordered new checks for both accounts. Tim K7ANE moved that we add \$150 to the 2010 budget for library as was voted by the membership at the last general meeting, Kathy KB7QMO seconded. Motion passed. Frank NA7O has a request of the board for tires for the tower trailer. New tires would cost about \$350 for 4 tires. Dick WA7NIW made a motion to authorize Frank to purchase the tires and Ivy WA7IVY seconded. Motion passed. Carolyn paid for the liability insurance early so Hal N7NW could get the insurance certificate for the Puyallup Fairgrounds. She is investigating changing the policy dates so they don't hit in February every year.

Activity Manager – Jim N7MU: Jim announced the programs for this month's meeting, and upcoming activities. Dave reports reservation has been made at the Gene Coulon Park for August 21st. If we don't have a chairman for the picnic before Field Day we can cancel the picnic, but will lose half the deposit.

Radio Officer – Hal N7NW: The repeater issues has been resolved amicably. Hal wanted to thank Michael KG7MX and George AE7G for their assistance. Hal and Steve KD7IQL weather proofed the antennas and did some work on the ICOM repeater. We are still having some intermodulation problems. The Motorola is on Hal's bench. We have an MOU concerning the Cougar Mountain site signed by George Bisso.

Relay Editor – Gary KG7KU: Gary is always looking for new articles. He also appreciated the suggestions for the Relay that came from the survey. The Relay Masthead will be reworked a bit, and he brought a sample to share with the board.

Webmaster – Jim KD7BAT: not present.

Standing Committee Assignments:

Strategic Planning: Robert KD7WNV: Jim N7MU wanted to know if we wanted to publish the full results of the survey on the website. Last month's program was on the Elmering, and Jim wanted to add an Elmering portion to the monthly general meeting.

Facilities: Dave KB7PSN: The antenna analyzer is being tested with updated batteries.

Education: Tim K7ANE: Tim has a list of books that he will be ordering for the library and the order will be going out soon. Tim is also accepting any donations of books from our membership.

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January 2010

K7LED Relay

Board Mtg Minutes... [Continued from Page 7]

Public Service: Mike N7WA: Robert KD7WNV said that the assignments have been made for the Public Service booklet; no ad revenue from SeaFair this year. Gary KG7KU said that he wrote to a couple of our advertisers to see if they wish to be included in this year's booklet. Hoping to have this wrapped up by the end of January.

Technical: Steve KD7IQL: Hal covered most of the on-going issues earlier in the meeting. According to ARRL, there were over 30,000 new amateur operators this past year, up 7.5% from 2008.

Field Day: Steve KD7IQL: Wagon Wheel and Barracks are taken care of. We just need a chair.

By-Laws: Dave KB7PSN: He is trying to organize a meeting in the near future of his committee.

Old Business-

There is no old business for this board.

New Business-

Kathy KB7QMO went to Paul KD7MVB's funeral and spoke to his widow, Ilona KD7MVA. She would like to get more involved with ham radio and would like the help of an Elmer.

Flea market meeting is next Tuesday evening at Mike N7WA's house.

There was some discussion about the new member application, and how to improve the form. Also discussed were ways to get new members more involved in activities, especially Public Service.

Good of the Order-

Nothing for the Good of the Order.

There being no further business, Hal N7NW adjourned the meeting at 8:42 pm.

Attested: Ivy Nelson-Groves WA7IVY, Secretary

Received in the mail...

HARC - CW Net Begins

From: Highline Amateur Radio Club

[mailto:highlinearc@hotmail.com]

Sent: Thursday, January 07, 2010 6:45 PM

Subject: HARC CW Net!!!

Hi everyone,

Passing along some info I received today regarding CW! Here's for all you CW lovers the chance to hop in and get involved locally and help out your club!

Will Hansen WA7OET and Tap Holland K7RYO are going to start a casual CW net. This net will be to help club members learn and improve their CW communication skills. They would like to pick at least 2 times a week for starters at 7:00 PM local time.

This net will meet on a frequency available to all license classes. Below is a list of these frequencies: Novice and Technician classes:

3.525-3.600 MHz: CW

7.025-7.125 MHz: CW

21.025-21.200 MHz: CW

28.000-28.500 MHz: CW, --Max. power 200 watts PEP

Tap is looking for someone to help with his CW skills and Will seems to be QRV.

I think 28.055 on Wednesday and Saturday at 7:00 PM might be a good place to start.

Please if anyone on the list has any comments or would like to attend, get a hold of Will Hansen and/or Tap Holland. Their emails are below.

Will - ac_electric_service@yahoo.com

Tap - tapcindy@msn.com

Sent to you by John Elliott, KE7UCW on behalf of the Highline Amateur Radio Club.

Your request, question, or comment is important to us and will return an answer to you as soon as possible.

73's from the officers at HARC!

<http://highlinearc.webs.com/>

Mike & Key ARC

Invites you to visit the NEW Club Reference & Lending Library

Volumes include the most recent Editions of:

ARRL Handbook

ARRL Antenna Book

Tech Class Manual

General Class Manual

Extra Class Manual

ARRL DXCC Handbook

ON4UN Low-Band DXing

Em-Comm Handbook

VHF Digital Handbook

ARRL Operating Manual

Due to the gracious hosting of Tokuzo AD7JA, the library is located at his business, Skyway Radio & TV Service, 11818 Renton Avenue So., Seattle, WA 98178, in the Skyway neighborhood, across from Skyway Park Bowling. (Has 5-element Yagi & tower)

Club members can check-out books for a four week period, or duplicate individual articles as needed, any time between 12 noon and 4 pm, Mon thru Fri, Saturday, 12 noon to 3 pm, except on Club meeting Saturdays.

Donations: Select ham-related books, equipment operating and service manuals, etc., in good condition, and cash for library fund are gratefully accepted.

Driving Directions:

From the North or West: I-5 exit 158 (MLK), go east across MLK up hill on S. Ryan Way to end, turn R on 51st Ave S, turn L on So. Bangor St. (0.2 mi) then R on Renton Ave So. to shop (0.7 mi), on left.

From the South or East: I-405 exit 2A (167), north on Rainier Ave S, L on Renton Ave Ext. (Airport Way on right), continue up hill to shop, on right.

Please park at the South fence, between the shop & storage company.

January 2010

In Memory of Paul G. Bullard KD7MVB, SK, December 12, 2009.

by Ryan Martin N7TN1



I met Paul while I was at college in the '70s. He was a skilled mechanic, he could also do auto body repair, and he was a painter who did both auto and artistic work. He loved to tinker with things and customize them to his liking.

Paul loved the automobile. He was fond of his '66 Mustang, and a huge Pontiac Bonneville convertible he had restored. He always had some kind of auto project in the works himself, but always willing to take the time to help others out when needed. Paul was a talented woodworker too, I remember visiting his home and being impressed at the quality and quantity of the wooden (usually beautiful oak) furniture he had built.

Paul was a gracious host, and made me feel very comfortable as his guest in his home. He appreciated dining out, and introduced me to many fine restaurants in the Seattle area many years ago. He seemed to know someone wherever he went. I remember an incredible breakfast shared with Paul and friends at El Gaucho in downtown Seattle, probably one of the finest meals I ever experienced.

A lot of years went by after college when I had no contact with Paul, but one day maybe 10 or more years ago, I got a phone call from him. He had remembered my interest in electronics and thought maybe I could use some parts he had obtained. Edmonds Community College was closing down their electronics tech program and he was able to rescue some things before they were put into a dumpster. I showed up at his home to haul them away, but I had no concept of what he had. I ended up hauling several carloads of goodies, more than one person could use in a lifetime. I would bring these to the monthly club meetings so people could take what they needed. One of our former members made earrings from the colorful precision ¼ and ½ watt resistors, and many of the parts ended up with the Mike and Key and Federal Way Amateur

K7LED Relay

Radio clubs, incorporated into electronic construction projects instead of a landfill. Paul was contributing to Ham Radio even before he realized it.

Paul and his wife Ilona were interested in getting their amateur radio licenses, so they started to attend Mike and Key meetings in order to become more familiar with the hobby. They both worked very hard studying and were proud when they passed their Technician exams in early 2001.

Paul loved being in the outdoors; as far back as I can remember he always had a piece of property somewhere where he could go camping. Participating in Field Days fit right into Paul's love of being out in nature, and he and Ilona also attended the annual summer picnics, and club meetings when they could make the trip down from Lynwood. They supported the club and maintained their memberships even as he was experienced several years of poor health since early 2007.

Paul was a wonderful friend with an outgoing personality, who always seemed to have something interesting to say, and insights to share. He was the kind of person who could make you feel good just because he was there.

I will miss him greatly. For his service to his country in both the US Army and Air Force, Paul was given a memorial service with military honors on December 22nd, and is interred at the Tahoma National Cemetery.

ARRL Letter -- Excerpt -- + Spotlight on Amateur Radio: 2009 Sees Surge of New Amateur Radio Licensees

NEW FCC LICENSES ISSUED 2005 THROUGH 2009					
Year	2005	2006	2007	2008	2009
Jan	876	1,274	1,647	1,755	1,960
Feb	1,357	1,605	2,435	2,998	2,263
Mar	1,705	2,531	3,478	2,816	3,463
Apr	1,486	1,728	2,673	3,090	3,430
May	1,651	2,283	2,607	2,562	2,717
Jun	1,493	1,967	2,281	2,402	3,011
Jul	906	1,401	1,786	2,077	2,220
Aug	1,500	1,623	2,183	2,084	2,102
Sep	1,139	1,357	1,462	1,763	2,116
Oct	1,385	1,781	2,109	2,303	2,404
Nov	1,540	1,993	2,132	2,197	2,344
Dec	1,330	1,569	1,935	2,019	2,114
Totals	16,368	21,112	26,728	28,066	30,144

This past year was a banner year for new Amateur Radio licensees. The FCC issued more than 30,000 new ham radio licenses. "In 2009, the demand for Amateur Radio exam sessions remained elevated and is still running at a higher rate than before the FCC's restructuring of the license requirements in 2007," Somma said. "This high level of exam session activity has produced an elevated influx of new applications, far outpacing recent years." A total of 30,144 new licenses were granted in 2009 -- an increase of almost 7.5 percent from 2008. In 2005, 16,368 new hams joined Amateur Radio's ranks; just five years later, that number had increased by almost 14,000 -- a whopping 84 percent! Read more at <http://www.arrl.org:80/news/stories/2010/01/06/11278/?nc=1>

2010 -- Ham Nets & Events -- JANUARY / FEBRUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
10 2000 -- King Co. ARES 147.08 (Weekly) 2200 -- NW Astronomy Net 145.33 (Weekly)	11 0545 & 1645 -- Weather Net 145.33 (M-F) 1730 -- Puget Sound Traffic Sys. 146.82 (Daily) 1900 -- Seattle ACS 146.90 (Weekly)	12 1900 FleMarket Committee 2000 -- Seattle Red Cross Communications Team (includes 'Elmers Corner') 146.82 (Weekly)	13 2000 --General/Tech Info 145.33 (Weekly) 2000 -- Educational Radio Net -- PSRG 146.96 (Weekly) 2000 -- HARC CW Net 28.055 (Weekly)	14 1900 -- M&K Public Service Net 146.82 (Weekly) 2000 -- Computer & Packet Net 145.33 (Weekly)	15 2000 -- Youth Net 145.33 (Weekly)	16 1000 -- M&K Club Meeting, Renton 1300 -- Ham Radio Exams, Renton 2000 -- Amateur TV Net 147.08 (Weekly) 2000 -- HARC CW Net 28.055 (Weekly)
17 1915 -- Kids Net Net 145.49 (Weekly) 2030 -- Snohomish Co. ARES 146.92 (Weekly)	18 1800 -- WA Emerg. HF 3.985 (Weekly) 1830 -- WA ARES 3.985 (Weekly) 1930 -- PSRG 146.96 (Weekly)	19 2000 -- Snohomish Co. RACES 146.92 (Weekly)	20 2100 -- NWSOAR Net 146.82 (Weekly)	21	22	23 0900 -- WA ARES HF Net 3.985 (Weekly)
24	25 2000 -- YL Net 145.33 (Weekly)	26	27	28	29	30
31	01 - FEBRUARY -	02	03 M&K Board Mtg 7pm- Salvation Army, Renton	04	05	06
07	08	09	10	11	12 Relay Articles Due 23:59:59	13