



From our Club President...

Elections And Field Day Ahead

by Dick Radford WA7NIW, President

What a Flea Market! Attendance might have been down a bit, but a lot of stuff changed hands. I'm sure that there will be more said on that subject elsewhere in this publication.

We have our annual election coming up so make sure that you attend the March meeting. There is still plenty of room for nominees for several offices, so think about whom you would like to see in those offices. To keep the club healthy we need to keep new ideas flowing through the Board. One way to make sure those good ideas are your ideas is to run for office. The President and Secretary are both term limited so won't be available for their offices again.

I can hardly believe that Field Day is only 3 months away. The Club has the Wagon Wheel for an entire week this year, so this is an opportunity to get out and do some camping with the family and share a good time with other Club members.

See you at the General Membership meeting, on March 20. --Dick, WA7NIW

Flea Market Registration Report

by Diane Dinkelman KB7DNE

Another Flea Market is behind us now, and Pre-Registrations are coming in already for next year. It was a beautiful weekend, which we do not get very often. But then, since we have gotten the 'relatively plush' Registration building that is roomy and heated (still no rest room), we have had more nice days than we ever had when we were out in the little booths with no heat and no windows.

We did have a few snares, as the Fairgrounds had construction in progress on the route our Sellers take. Having a new route is always confusing to our customers. In the midst of that, we had construction trucks using the route also. They were coming out as customers were coming in. Then at Load-out the new route took us deeper into '4X4 territory.' This was not a problem coming in but at load-out it can be bad. We managed to work it out and all were out in good time.

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M&K Awards Banquet 2010

by Michael Dinkelman N7WA

In just a couple weeks, we shall be holding the Mike & Key ARC Annual Awards Banquet. This is an opportunity to recognize the folks that make this Club run. This year, the banquet will be held March 27th at HD Hotspurs in Kent (315 Washington Ave S., 98032). We've had a number of great banquets in this location in the past and this year's should be no exception.

This year, your hosts will be Linda Jordan and I. Happy Hour begins at 5PM in the Hotspurs Lounge. Linda has arranged for a Jazz Duo to help get you in the mood and I expect the bar may have other inducements if you are so inclined.

About 6PM, we will be having a BBQ buffet dinner in the banquet room. The menu includes Carved Smoked Beef Brisket, Alder Smoked Chicken, BBQ St. Louis Ribs, Baby Red Potato Salad, Fresh Garden Salad, Freshly Steamed Vegetables, BBQ Baked Beans, Cornbread & Honey, and all the fixings! Dinner includes soft drink, coffee, or tea. (Note: while this is a buffet, it isn't considered all-you-can-eat). Following dinner, we'll have the program and the official awards announcement.

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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.



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Renton, WA 98057-4234

Web Site:

www.mikeandkey.org

Send dues to:

Mike & Key ARC
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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:

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kg7ku @ arrl.net

Reflector:

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

Club Contacts

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Secretary	Ivy Nelson-Groves	WA7IVY	wa7ivy @ live.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	ag7t @ arrl.net	425-788-0452

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 March Meeting & Activities

by Jim Aigner N7MU, Activity Chair

Earlier this month we mustered our forces to host the annual Flea Market in Puyallup. As in the past, it took a big effort and produced a very successful event. Based on what I hear from many who attended, our customers were very satisfied. A lot of preparation goes into this. Mike Dinkelman N7WA and Hal Goodell N7NW used our February meeting program to present a good overview of the Flea Market, recruited some additional volunteers, and answered last minute questions. Now we can relax a little and enjoy the substantial benefits we've earned from this.

At the March meeting, we'll conduct important club business, namely, the annual election of officers. The positions needing to be filled are: President, Vice-President, Secretary, Treasurer, Activity Manager, and two Trustees. Several of the current officers are term-limited and will need to be replaced by other willing candidates. Consider running for office yourself as a way of repaying the club for the enjoyment you've received with your membership.

Our annual Awards Banquet is on track for March 27th at HD Hotspurs in Kent (315 Washington Ave S., 98032). See co-chair Linda Jordan for tickets which are \$14 each for club members.

Again this month we have great door prizes. They include a 5 watt solar panel suitable for charging 12 volt batteries, a Ramsey HR30C 30 meter all mode receiver kit, an Anderson PowerPole crimping kit, an assortment of 15A and 30A Anderson PowerPole connectors, a digital multi-meter, a kit with terminals, wire ties, and heat shrink material, and a visor-mounted magnifier for hands-free work.



Photos: These door prizes await you at the Club's March 20th General meeting .

I'd like to try a few new wrinkles for our door prize drawings: used items and donations. Occasionally, I find used radio equipment in very good condition that would make good prizes. In addition, I will be accepting donations of new or like-new radio-related items as door prizes. A few rules apply. Items must be in very good condition and given to me at least one month prior to their being offered. If you have other stuff that doesn't meet these criteria, you can always put them on the "free" table at our meetings.

Flea Market: By The Numbers

by Michael Dinkelman N7WA

The big question I get asked at each Flea Market is... "What's the attendance?" To me, it always looks the same and I think the numbers bear that out. There isn't that great a fluctuation from year to year – at least that you could notice over 40,000 square feet. Here is the count from the past 7 events.

2010:

Gate: 1897 (includes 101 Jr) Vendors: 551 Total: 2448

2009:

Gate: 2002 (includes 169 Jr) Vendors: 502 Total: 2504

2008:

Gate: 1831 (includes 137 Jr) Vendors: 532 Total: 2363

2007:

Gate: 2024 (includes 163 Jr) Vendors: 490 Total: 2514

2006

Gate: 1749 (includes 85 Jr) Vendors: 528 Total: 2277

2005

Gate: 1740 (includes 76 Jr) Vendors: 510 Total: 2250

2004

Gate: 1841 (includes 120 Jr) Vendors: 489 Total: 2430

It was just a run of the mill year which is actually good news. We go against the nation trend of declining attendance. What does the future hold? Come help out in 2011 and see.

M&K Field Day: (Twenty-)TEN-HUT!

by Rita Danielson KD7CNU

Hi, Kids... Miss me? Sorry I haven't been in touch more. It's that time of year. Time to start getting ready for Field Day, 2010.

The Barracks are booked and ready. The menus are planned. The only thing missing is **your reservation**. Since the reservation/deposit system worked so well last year, we are going to continue that process from now on.

If you would like a bed for Field Day, let me know and have a check made out to the Club: Mike & Key ARC, for \$10.00 per person, per night. We have the Barracks Thursday, Friday and Saturday nights.

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M&K-FD:(Twenty-)TEN-HUT!...(Cont'd from Pg3)

You may mail your registration requests to me: Rita Danielson, 9311 11th Ave W, Everett, WA 98204, or give them to me at the meetings. I plan on being at all the meetings between now and Field Day.

We have room for 26 in the Barracks and would love to have a full house again this year. Last year was fantastic.

See most of you at the General meeting on Saturday.

Oh, yeah... **'AT EASE.'**

88's -Barracks Mom (Rita KD7CNU)

M&K Awards Banquet...(Continued from Page 1)

This is a great time for those "unofficial" awards too if you have any to impart. Ham and non-ham door prizes will cap the evening. If you are a vegetarian, Linda has found out that the restaurant does support that option. Contact her for those options.

Banquet tickets will be available up to and at the next Club meeting (see Linda) or by mail order. They are \$14 a person. This should be an event to remember and where else can you get dinner for two plus a show for less than \$30? Get your tickets now!

FM-Registration Report... (Continued from Pg 1)

Registration has four separate areas that we are responsible for. The Orange Gate where the Sellers drive in, Registration where the packets are handed out, the pallet Gate where vehicles are held back waiting for a spot to unload, and the Gold Gate where walk-ins pick up their packets. The crew gets spread pretty thin but still managed to do a great job.

I wish to thank my Registration crew for their good work again this year. Jim KD7BAT and Rusty Etwiler, my daughter and granddaughter Susan Fleming and Corrine Peele, Jim Christiansen K7ND, Sally Martin, Wayne Moddison K6DOW, Teresa AD7CT and her daughter Jess Vaughn, and all the way again this year from Japan- Atsushi Sasaki W7KN.

I would also like to thank my husband Mike Dinkelman N7WA who successfully manages to put out any potential fires that may affect Registration; he is an asset to the team.

A big thanks to the pallet crew for their up and beyond help for certain customers that needed that extra help to load-out.

Hey how about that Chinese dinner wasn't it great? Thanks to Hal Goodell N7NW for setting that up again this year.

We can all pat ourselves on the back and take a little rest until next year.

--Diane KB7DNE, Chairman of Registration

Things you are liable to need to know:

WHAT KIND OF INSURANCE SHOULD A PUBLIC SERVICE HAM CARRY?

by George Thornton AE7G

I am a HAM. I often participate as a HAM in public service events where I drive my own vehicle. What do I need to know about auto insurance, and what kind of insurance should I buy?

This article attempts to explain some basic concepts of insurance and makes a key recommendation for your consideration. These are general points and this is not legal advice. If you have a specific question, contact an attorney for advice.

Our legal system is based on the idea of accountability. You are accountable if you are at fault and cause others injury. You are not accountable if the injury was no one's fault.

Fault can be debatable. IF someone claims you are at fault you will need to defend yourself. Legal proceedings are expensive and you will want to have insurance to cover your legal expenses.

As a general rule, you are responsible for your own conduct even if you are working as a volunteer. There are some exceptions, but that is beyond the limited scope of this article.

Most of us carry automobile insurance policies. Nearly all of these policies have liability coverage. Liability coverage provides protection to you in the event someone makes a claim against you. The insurance company must defend you and it is obligated to pay any verdict or settlement of the claim up to the policy limits stated in the policy.

How much liability insurance should you carry? That depends on your personal assets. If you are very wealthy, with lots of assets that could be reached, you should carry high limits of coverage. IF you have limited assets, a modest policy is sufficient.

The big problem with our legal system is that many people do not have sufficient assets to pay the damages they cause. In my practice I have seen many tragic situations in which someone sustained life altering injuries, and yet the person who caused the injury had little or no insurance coverage.

[Continued on Page 5]

What Kind of Insurance... (Continued from Pg 4)

WE BUY UNINSURED MOTORIST COVERAGE TO PROTECT US IF SOMEONE WITH LIMITED ASSETS HURTS US. Uninsured motorist coverage is direct protection for you. EVERYONE WHO IS A HAM SHOULD HAVE UNINSURED MOTORIST COVERAGE.

How much coverage is enough? Ask yourself how much money you would need if you were involved in a catastrophic accident. Remember that the cost of a hospital stay for major trauma could run \$10,000 a day. It would not be uncommon in a major case to incur medical expenses of hundreds of thousands of dollars.

What if you could not work? What money would you need to replace your income?

Add all that up and you will get a minimum figure. In most cases it is going to be \$1 million or more. **IT IS MY OPINION EVERYONE SHOULD CARRY UNINSURED MOTORIST COVERAGE WITH LIMITS OF AT LEAST \$1 MILLION.**

How do you buy such coverage? Most insurance companies have maximum limits for auto policies of approximately \$300,000. You get higher coverage by buying an UMBRELLA POLICY.

The umbrella policy sits on top of your auto and homeowner's or tenant's liability coverage and provides enhanced limits. To get an umbrella policy you must carry both homeowner's and auto insurance with the same company.

UMBRELLA INSURANCE IS SURPRISINGLY CHEAP. It normally costs in the range of \$100 a year for an umbrella policy with \$1 million limits. That is CHEAP for what you are buying in protection.

With an umbrella policy with limits of \$1-2 million you have the assurance that you and your family will not be left destitute if a drunk driver or other careless person gets you into a serious accident.

Ask your insurance broker about umbrella policies and get his or her recommendations.

Remember, this article is by necessity very basic. Any questions should be raised with your attorney.

[Not sure about you... but I find this information most interesting and helpful. BTW- Do you have any Ham-related topics of interest to share? Join the Ham-Info-Share team and submit your article for inclusion in the next Relay! -Gary KG7KU, Editor]

Celebrate our March Members!

by Carolyn Pasquier WV7Q, Treasurer

As of March 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:

Clinton Pozzi	N7HAM	21 Years
Dan Humphrey	N7QHC	19 Years
Robert Crooker	KB7PEC	17 Years
Kathy Martin	KB7QMO	16 Years
Jack McCall	W7TMW	12 Years
Jim Etwiler	KD7BAT	11 Years
Dorothy Lowell	KB7WSO	10 Years
Bruce Lane	KC7GR	6 Years
Gail Richardson	KI4JVM	5 Years
Laura Bendit	KE7ELG	1 Year
Nicholas Dundon	N7DCL	1 Year
David Fields	KD7TTI	1 Year

Another QRP Story

de Fred Roberts W6TKV

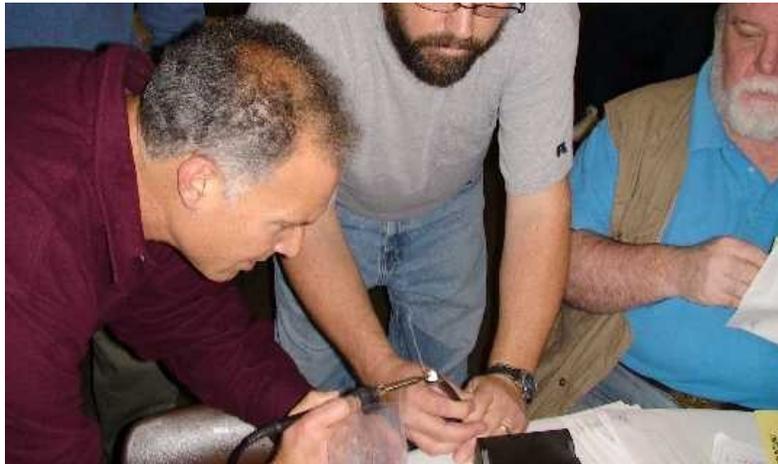
In reading the QRP article by Mitch-NA7US last month, it reminded me of my own accidental entrance into QRP. One evening, I turned the TS-940 on and heard a monstrous signal from a ham in Italy, and automatically reached to turn on the Henry 2K4 but my hand never got there.

I thought, "Why do I want to work this guy?" and "Wonder if I could work him with low power?" So, I reached out and turned the power to it's lowest setting, and not only worked this fellow, but actually beat some other hams who were also calling.

That evening, I worked about 8 Europeans and 4 countries. After that, I checked the power output and found it was just 4 watts. And then as it turned out, I found myself working QRP/SSB for quite a long time. I ended up with 135 countries - two QSO's were the most satisfying- 1) Working a fellow on xxxxx, xxxx miles away, 2) Working my 100th country. When I got to 99 countries, I realized I had never worked anyone in our country, and in tuning around I answered a fellow in Maryland. When I thanked him for being my 100th country, he was rather flustered and asked what I was talking about. What a hoot!

I entered both the CW and SSB Sweepstakes in the QRP class, and I can now verify that you definitely will find it easier to make a CW contact as compared to an SSB QSO. Those CW QSO's were virtually 100% of those called, whereas I really sweat for a number of SSB QSO's and missed one I really wanted in the Northwest Territories. The ARRL sent me a couple of nice certificates for first place QRP in the Orange Section.

Special Focus: Elmers' Corner... by Jim Aigner, N7MU



The Elmer Development Team has decided to use an online wiki to encourage information sharing within the club. A wiki, for those of you who haven't used one, like Wikipedia, is an online collaboration tool which encourages interaction and discussion.

The wiki we created allows our Elmers to create and edit pages for their topic areas. Visitors are encouraged to browse and make comments or suggestions. Please visit the K7LED Elmer Wiki at : <http://k7ledelmerwiki.wikispaces.com/> .

Each month we publish one or two of the items from the Elmers Wiki. This one is Jeff Wandling's W7BRS recommendation for lightning protection inside your shack.

Lightning Protection Helpful Hints

Keep the devices you use for lightning protection OUTSIDE the shack away from structures. Ground the lightning suppressors separately -- do NOT tie the ground screw of the lightning suppressor to the same RF ground (or any other ground that is wired to your shack ground). When a strike occurs, you want the suppressor to shunt the energy straight to the dedicated ground OUTSIDE your shack -- not routed through your shack's ground.

The small "RF speed bump" in increased SWR for having this setup is worth the margin of safety it provides.

Again, for those half-asleep: DO NOT CONNECT LIGHTNING SUPPRESSION GROUND TO RF GROUND IN THE SHACK. USE A DEDICATED GROUND ROD (8 FT LONG) FOR LIGHTNING SUPPRESSION GROUND AND AWAY FROM THE SHACK OR OTHER BUILDINGS.

Comment or discussion? Visit Jeff's pages on our Wiki- <http://k7ledelmerwiki.wikispaces.com/> .

-- The Matrix --

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 Dinkelman, N7WA	mwdink@clearwire.net	253-631-3756	Contest operations
CW	Mike Dinkelman, 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, TNC's
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 & Eq't
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

March 2010

Ham Radio Gear For Sale

contributed by Ed Maher NL7VP

I have the following equipment for sale:

1. *Yeasu FT-817 transceiver w. Collins SSB & CW filters, spare battery and pouch.*
2. *Yeasu VX7R handheld w. rapid charger, spare battery, double AA battery holder, and pouch.*
3. *Yeasu VR500 handheld receiver/scanner w. spare battery.*

For information contact Ed Maher, NL7VP at phone: 206-465-8816, or by email: hamradioed@msn.com.

M&K General Meeting Minutes

held February 20, 2010

Meeting was called to order at 1000 hours by the President, Dick WA7NIW.
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*? Sam/N7RHE made a motion to approve the minutes as amended; Steve/KD7IQL seconded the motion. Motion passed.

Officer Reports:

President – Dick WA7NIW: nothing to report.

Secretary – Ivy WA7IVY: mail was picked up and delivered to the treasurer.

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

Activity Manager – Jim N7MU: Today's program will be on the flea market.

Chairman of the Board – Robert KD7WNV: We will be having elections next month.

Radio Officer – Hal N7NW: Repeater continues to operate at Cougar Mountain. The Motorola controller is on the bench, and Hal is getting it interfaced with the new controller. He is hoping to have the new repeater up on Tiger Mountain after Flea Market. The change date for the PL tone is April 1st.

Relay Editor – Gary KG7KU: not present.

Webmaster – Jim KD7BAT: Jim thanked Dave KB7PSN for filling in for him while he was out. The Club's website is up to date with the exception of the membership roster.

Vice President – Kathy KB7QMO: Membership applications: John Swafford II, W7MEU; Roger Eck, KF7GDD; Randy Stagers, KF7EKB; David Baldwin, KF7FYE; All approved by the membership.

Standing Committee Reports:

Strategic Planning – Robert KD7WNV: Robert asked if any members have had any experience with city ordinances concerning towers; Robert is looking to collect some reference information for club members.

K7LED Relay

This might be a good topic for a program as well.

Facilities and Publicity – Dave KB7PSN: antenna analyzers have been turned in and are ready to be loaned out.

Education and Training – Tim K7ANE: no new classes. We have several new books for the library. If there are any DXpedition DVD's that someone wants, let Tim know and we can order it.

Public Service – Mike N7WA: Robert KD7WNV reported that the booklet is ready to print on Monday. No public service meeting today.

Technical and Special Interest – Steve KD7IQL: nothing new to report.

Other Committees (as appropriate)

VE Exams -- Scott AG7T: There were 12 people who attended the testing session in January: 11 Technician; and 1 General.

Flea Market: Hal N7NW/Mike N7WA: Hal reported that we have 14 tables left before a sell-out. Please sign up to help out; we need a few more people to work the event on both Friday and Saturday. After the event we all go out for a Chinese dinner in Puyallup. This is *the* club's fund raising event.

Awards Banquet: Mike N7WA/Linda Jordan: Linda sent out invitations. There will be a jazz duo playing during the cocktail hour. Linda is selling tickets for \$14.

By Laws Review: Dave KB7PSN: Still getting input; meeting will be soon.

Field Day: Ivy WA7IVY: Ivy has many of the band chairs filled, but is still looking for a GOTA chair and Information chair. If we don't have a GOTA chair by the May board meeting, we will cancel the GOTA station.

Picnic: Hal N7NW and his wife volunteered to be the picnic chairs this week.

Logo: see Dave KB7PSN today for any badge orders.

Election Nominations: Robert KD7WNV: Nominations: President – Brendan KD7IKV, Robert KD7WNV; Vice President – Alan KB7SVU, Kathy KB7QMO, Steve KD7IQL; Treasurer – Dave KB7PSN, Kathy KB7QMO, Alan KB7SVU; Secretary, no nominations; Activity Manager: Jim N7MU; Trustees – Steve KD7IQL, Robert KD7WNV, George AE7G. Mike N7WA moved to tabling nominations until March, Gill W7GIL seconds, motion approved.

Alligator Award – Michelle WB7AYU still holds the award.

Old Business: no old business

New Business –

Michelle WA7PVE suggested that maybe the club could purchase a BBQ to be kept on the Equipment trailer for Field Day. Ivy WA7IVY will take this suggestion to the board.

Good of the Order –

The next Mike & Key Board meeting will be on the first Wednesday of the month, March 3rd at 7:00 pm, at the Salvation Army in Renton.

The next Mike & Key General Membership meeting is the third Saturday, March 20, 2010.

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March 2010

General Meeting Minutes... [Cont'd from Page 7]

Scott/AG7T made a motion to close the meeting. The motion was passed. Meeting adjourned 11:12.
21 guests; 62 members, 57 ARRL members
Attested: Ivy Nelson-Groves WA7IVY – Secretary

M&K Board Meeting Minutes

held March 3, 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)
__ Relay Editor – Gary Bryan (KG7KU)

Trustees present:

X No. 1 – Tim Kane (K7ANE)
X No. 2 – Steve Cook (KD7IQL)
X No. 3 – Mike Dinkelman (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 7:03 p.m.

Minutes: A motion to approve the minutes of the previous board meeting was made by Jim/N7MU and seconded by Dick/WA7NIW. Motion passed.

Officer Reports:

Chairman of the Board – Robert KD7WNV: Elections this month; flea market in a few days.
President – Dick WA7NIW: Reported the completion by the audit committee for 2009. Everything is fine.
Vice President – Kathy KB7QMO: Application for approval: Deante Kelly, KF7FJL; Ken Klettke, KE7RCY; Kenneth L. Nielsen, KE7QNP; James Brent Woodward, KE7IUQ; Brett Traicoff, no callsign; Gerard Hickey AD7ZE. All were recommended by the board.
Secretary – Ivy WA7IVY: Mail was picked up and delivered to the Treasurer.
Treasurer – Carolyn WV7Q: Carolyn sent the budget to the board. Laura Bendit KF7ELG presented a resume for the treasurer office in the future. Steve Cook KD7IQL also asked to be approved by the board for the office of treasurer. Ivy WA7IVY made a motion that we approve Laura for the treasurer office. Kathy KB7QMO seconded. Motion approved. Ivy WA7IVY made a motion that we approve Laura for the treasurer office, Tim K7ANE seconded. Motion approved.
Activity Manager – Jim N7MU: Elections are this month. Depending on the length of the elections, we might have something after that. Jim is still setting up the April program. The Awards banquet is coming along; and we have Picnic chairs. Jim mentioned that if members want to donate something for the door prizes, the club can accept them.
Radio Officer – Hal N7NW: Hal tested the repeater at Tiger Mountain; he had some problems interfacing with the controller, but resolved the issues. The service module has been working very well. After the flea market he will do more work on it.
Relay Editor – Gary KG7KU: not present.

K7LED Relay

Webmaster – Jim KD7BAT: The Club's website is mostly current-a few minor changes need to be made.
Standing Committee Assignments:
Strategic Planning: Robert KD7WNV: Robert restated his idea of creating a database or info sheet about local regulations concerning amateur radio towers. There is quite a difference between various governmental jurisdictions. It received pretty good support at the last meeting. This might fall under the Elmer committee.
Facilities: Dave KB7PSN: The two antenna analyzers will be available for checkout through the library, starting next general meeting. Robert mentioned again about getting rechargeable batteries for the analyzers.
Education: Tim K7ANE: Tim was up at the library today, and many members have donated books to the club library. Tim is updating the list of books available in the library. Tim would like to thank Toku for all the assistance he has provided for the library, and for the many titles he personally has donated. Robert mentioned that a technician class is being put on by ESCA RACES starting on March 16 for 8 weeks on Tuesdays. The only cost is the book and exam fee. Robert will post this to the club reflector.
Public Service: Mike N7WA: Robert KD7WNV reported that the Public Service booklet will be picked up tomorrow by Dick.
Technical: Steve KD7IQL: The tower regulations mentioned previously may be a good topic for the technical committee.
Field Day: Ivy WA7IVY: Ivy still needs a GOTA chair and an Info Chair. If I don't have a GOTA chair by the board meeting in May, we will most likely not have a GOTA station this year. The Sani-Cans have been ordered; they will be the same price as last year.
By-Laws: Dave KB7PSN: Dave will announce the committee meeting at the next general meeting.
Flea Market: Mike N7WA/Hal N7NW: A few table cancellations have been filled, so it appears we have a sellout. The final details are being ironed out and if everyone shows up, we'll have a flea market this year. Hospitality will be at the first aid station this year.
Elmers: Jim N7MU: Jim has set up a Wiki site for the Elmer chairs and people can post questions to this site. Only a few areas have content at the current time, K7ledelmerwiki.wikispaces.com. We are using the free site now & may wish to pay for content at a later date.
Logo: Jim N7MU: At the last board meeting a committee was formed to suggest items of logo apparel which may be available to the membership. There is the possibility of registering our logo as well.
Old Business- No old business.
New Business-
Robert KD7WNV reviewed the survey results to find out what members indicated interest in board positions.
Good of the Order- Nothing for the Good of the Order.
There being no further business, Robert KD7WNV adjourned the meeting at 9:00 pm.
Attested: Ivy Nelson-Groves WA7IVY, Secretary

New Arrivals at the Club Library

Tim Kane – K7ANE



Members have several newly acquired books to check out and enjoy from the Mike & Key library.

As part of our annual efforts to expand and improve our club library we've just obtained five great new books, suggested by various members:

- **ARRL's Low Power Communications - the Art and Science of QRP**, by Rich Arland K7SZ (2009)
- **The ARRL Handbook for Radio Communications 2010** (including the entire volume on CD-ROM)
- **ARRL's HF Digital Handbook**, by Steve Ford WB8IMY, 4th Edition (2007)
- **ARRL's VHF Digital Handbook**, by Steve Ford, 1st Edition (2008)
- **The ARRL's General Q&A**, 3rd Edition, good through June 30, 2011 (2007)

The Low Power Communications book includes sections on equipment and station accessories, antennas, operating strategies, emergency communications, and surplus military equipment. The complete assembly manual for the MFJ Cub QRP transceiver kit is also included.

This new QRP volume was donated by a member. Donations by members are always welcome, and gratefully appreciated.

The new 2010 Handbook, now over 1,250 pages, has great new sections on digital communications technology, solid state RF power supplies, switch mode power supplies, as well as projects for antennas, solid state amplifiers, and more.

The HF Digital Handbook covers assembling your digital station, RTTY, PACTOR, PSK 31, Winlink 2000, and other topics. The VHF edition includes packet radio fundamentals, APRS, D-Star, and much more.

The General Q&A will give you the entire Element 3 question pool, to aid in your license upgrade preparation and review.

Some additional volumes, mostly older, were donated by Universal Radio. Included are:

- **Listening to Longwave – the World below 500 KHz**, by Kevin Carey, 1st Edition (2007)
- **Discover DXing!**, John Zondio, 3rd Edition (2006)
- **Joe Carr's Loop Antenna Handbook**, 1st Edition, (1999)
- **RTTY Today**, by Dave Ingram K4TWJ (1983)
- **The RTTY Listener, Issues 1-25**, Editor Fred Osterman, 2nd Edition (1991)
- **Buying a Used Shortwave Receiver**, by Fred Osterman, 4th Edition (1998)

Thanks to the tireless efforts of Toku (AD7JA), who brings the library holdings to each meeting, any of these books can be checked out at any regular club meeting. Members can retain a book for up to a month at a time.

Or you can check them out any workday at the M&K club library in Toku's television service shop in the Skyway neighborhood of Seattle, not far from the club's Renton meeting site.

The library is located in Skyway Radio & TV Service, 11818 Renton Avenue South, Seattle. It's just across from the Skyway Park Bowling center. You can't miss Toku's tower and multi-band HF Yagi!

It was also suggested that the library obtain some video DVD's or tapes of DXpeditions and other ham events. Research found that most of these videos are available for free short term loan to clubs, for only the two-way postage.

We'll coordinate with the program chairman, and schedule some for upcoming meetings. Let us know if any DXpedition has especially caught your imagination, and we'll see what we can do.

If you want the club to obtain other particular books or have some volumes you'd like to donate to the library, contact Tim K7ANE.

2010 -- Ham Nets & Events -- MARCH / APRIL

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>14 2000 -- King Co. ARES 147.08 (Weekly) 2200 -- NW Astronomy Net 145.33 (Weekly)</p>	<p>15 0545 & 1645 -- Weather Net 145.33 (M-F) 1730 -- Puget Sound Traffic Sys. 146.82 (Daily) 1900 -- Seattle ACS 146.90 (Weekly)</p>	<p>16 2000 -- Seattle Red Cross Communications Team (includes 'Elmers Corner') 146.82 (Weekly)</p>	<p>17 2000 --General/Tech Info 145.33 (Weekly) 2000 -- Educational Radio Net -- PSRG 146.96 (Weekly) 2000 -- HARC CW Net 28.055 (Weekly)</p>	<p>18 1900 -- M&K Public Service Net 146.82 (Weekly) 2000 -- Computer & Packet Net 145.33 (Weekly)</p>	<p>19 2000 -- Youth Net 145.33 (Weekly)</p>	<p>20 1000 -- M&K Club Meeting, Renton 1230 -- M&K Ham Radio Exams, Renton 2000 -- Amateur TV Net 147.08 (Weekly) 2000 -- HARC CW Net 28.055 (Weekly)</p>
<p>21 1915 -- Kids Net Net 145.49 (Weekly) 2030 -- Snohomish Co. ARES 146.92 (Weekly)</p>	<p>22 1800 -- WA Emerg. HF 3.985 (Weekly) 1830 -- WA ARES 3.985 (Weekly) 1930 -- PSRG 146.96 (Weekly) 2000 -- YL Net 145.33 (Weekly)</p>	<p>23 2000 -- Snohomish Co. RACES 146.92 (Weekly)</p>	<p>24 2100 -- NWSOAR Net 146.82 (Weekly)</p>	<p>25</p>	<p>26</p>	<p>27 0900 -- WA ARES HF Net 3.985 (Weekly) Public Service: Woodinville Parade M&K Annual Awards Banquet -Dinner- 6pm HD Hotspurs- Kent: 315 Washington Ave S., 98032</p>
<p>28</p>	<p>29</p>	<p>30</p>	<p>31</p>	<p>01 - APRIL -</p>	<p>02</p>	<p>03 Public Service: Daffodil Parades -- Tacoma-Puyallup-Summer-Orting</p>
<p>04</p>	<p>05</p>	<p>06</p>	<p>07 M&K Board Mtg 7pm- Salvation Army, Renton</p>	<p>08</p>	<p>09 Relay Articles Due 23:59:59</p>	<p>10 Public Service: Communications Academy [10-11] Public Service: MS-Walk- Snohomish County [Public Service: Sunday, April 11- MS-Walk- Husky Stadium]</p>