



From our Club President...

Happy New Year!

By Robert Grinnell KD7WNV, President

I hope you all had a joyous and restful holiday season. May 2014 bring us the blessings of peace, prosperity...and propagation!

Sign Up for Fleamarket

The next major event for us is our big Fleamarket in Puyallup on Saturday, March 8th (with setup on Friday). This is the largest source of funding for the Club's operations, and is what allows us to keep dues low. It is always a major undertaking, and it only comes off so well because we have such a large and dedicated corps of volunteers turning out to help. There are volunteer assignments available on both days, for all levels of physical ability/exertion—from stationary sitting to walking around to setup/takedown or operating palette trucks—so there's some task you can do to help.

For the second year, we are managing volunteer signups through an online system called VolunteerSpot. This system worked well last year, and helped relieve the workload on our Fleamarket coordinators. The sooner you sign up, the more choice you have of assignment type and time!

You need an invitation email (look for one from "Michael Dinkelman, Coordinator", likely in late October) with the necessary links in order to sign up on this system. If you have not already received one, contact Mike (N7WA @ arrl.net). For anyone who ultimately cannot use the online system, you can sign up at the January or February meetings.

Upheaval for Radio-Hobbyist Periodicals

There are major changes with the magazines that serve the broader radio-hobbyist market, as well as some smaller-distribution or specialty ham periodicals.

Many hams got their start with, and continue to enjoy, the radio monitoring hobbies of shortwave listening, VHF/UHF scanning, and/or medium wave DXing. The two major magazines that have served this broader world of radio hobbies (including ham radio) for many years are both ceasing publication as such, while a new electronic-distribution-only magazine is being born.

It begins with the retirement of Bob Grove, W9JHD. He has closed his radio dealership, Grove Enterprises, Inc., and ceased publication of *Monitoring Times* as of last December. (A DVD anthology for 1999-2013 is available for purchase - follow the link at the website, www.monitoringtimes.com.) However, "out of the ashes" is springing a new electronic magazine, *The Spectrum Monitor* (found at this link: www.thespectrummonitor.com), produced by former columnists, editors and writers of *Monitoring Times*. It has an impressive array of topical columns. The first issue has just been released.

That would have left the other magazine, *Popular Communications*, as the sole remaining major print publication for the market. Curiously, however, that is also ceasing, as such. CQ Communications, Inc. has decided to roll the content from *Popular Communications*, as well as sibling ham magazines *CQ VHF* and *WorldRadio Online*, into a digital supplement to its flagship ham magazine, *CQ Amateur Radio*.

The new digital supplement is called *CQ Plus*, and the changes are effective February. Current subscriptions to the three discontinued magazines will be converted to subscriptions to *CQ*, with the addition of *CQ Plus* at no charge, though there are some permutations for multiple subscriptions and print/digital combinations—see the appropriate website.

Lastly, the ARRL's contesting specialty magazine, *National Contest Journal*, now has its own website, <http://ncjweb.com>.

See you on the 18th!

M&K Fleamarket Volunteer Signups!

If you have not yet committed to helping with the Fleamarket, now is the time.

[See article—Page 3 of this Relay for information.]

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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
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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:

Gary Bryan, Relay Editor
34033 33rd Ave SW
Federal Way, WA 98023-7724
glbryan @ att.net

Reflector:

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

Club Contacts

President	Robert Grinnell	KD7WNV	r-grinnell @ comcast.net	425-398-1466
Vice President	Kathy Martin	KB7QMO	klsmartin1 @ gmail.com	253-631-5370
Secretary	Ivy Nelson-Groves	WA7IVY	ivy @ wa7ivy.com	425-269-3259
Treasurer	Dave Smith	KB7PSN	kb7psn @ yahoo.com	425-235-5095
Activity Mgr	George Thornton	AE7G	GTLAW @ seanet.com	206-920-7072
Radio Officer	Hal Goodell	N7NW	n7nw.hal @ comcast.net	253-549-4178
Trustees --				
No. 1 – Education & Training	Jim Monson	K7JGM	jgmonson @ earthlink.net	206-245-8485
No. 2 – Membership	Monica Cook	KF7QLX	mdcook67 @ gmail.com	253-245-6435
No. 3 – Public Service	Gary Anderson	KF7TBC	gary5440r @ msn.com	253-631-5376
No. 4 (CoB) – Technical	Gil Drynan	W7GIL	gild @ seanet.com	425-392-1668
No. 5 – Facilities	Daniel Stevens	KL7WM	kl7wm @ arrl.net	206-228-9274
VE Testing	Scott Robinson	AG7T	ag7t @ arrl.net	425-788-0452
Membership Committee	— mikeandkeymembers@gmail.com			
	Monica Cook	KF7QLX	mdcook67 @ gmail.com	253-245-6435
	Gary Bryan	KG7KU	glbryan @ att.net	253-279-3949
Logo Committee	Jim Aigner	N7MU	jimaigner @ comcast.net	253-630-2752
	Dan Humphrey	N7QHC	n7qhc @ arrl.net	206-243-0163
	Dawn Humphrey	KC7YYB		
Club Library	'Toku' Okumura	AD7JA	ad7ja @ msn.com	206-772-2450
Webmaster	Jim Etwiler	KD7BAT	kd7bat @ arrl.net	425-788-7887

Mike & Key Online – The following Club resources are available:

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

E-Relay – Help the Club save on printing and postage, send Email to the Relay Editor: glbryan @ att.net.

M&K Club - January Activities

By George Thornton AE7G, Activity Manager

YEAREND PRIZE GOES TO HAM NEW TO HF

The year-end prize was won by Michael Jacobs K7MCJ.

He accepted the prize at the December meeting. The year-end prize was the Elecraft KX3, a high performance ultraportable HF rig.

The timing could not have been better. Turns out Michael recently successfully upgraded his license to General, and he was just beginning to put an HF station together.

Congratulations Michael and welcome to the High Frequency world.

The program for this month is the delayed presentation on the Salmon Derby. Our own Michael Dinkelman will lead the discussion.

At an upcoming meeting we will be inviting a representative from NW Digital Radio to speak on the new UDRX-440. This is a new all mode open source purely software-defined UHF radio. The radio is expected to revolutionize the world of amateur digital radio. The UDRX-440 was the hot topic at the recent digital radio conference. A lot of smart technical people think it is going to be a major advance. **See everyone at the Meeting!**

January Door Prizes

By Jim Aigner N7MU

Among the door prizes this month are a used Astron RS-12B DC power supply and a Thunderbolt 1.5 Watt solar battery charger. Here's the complete prize line-up for this month:

- Kill A Watt Electricity Usage Monitor
- Astron RS-12B power supply (used)
- Pittsburgh Wire Stripper/Cutter
- Pittsburgh 6" Diagonal Pliers
- Thunderbolt 1.5 Watt Solar Battery Charger
- Gear Head 2.4GHz Wireless Optical Mouse
- Rabbit TV USB device - watch 5000+ free TV internet channels
- 8 AAA Alkaline Batteries
- 8 AA Alkaline Batteries



M&K Fleamarket Update for January

By Michael Dinkelman N7WA

We held the January meeting of the Fleamarket Committee on the 7th. Some of the issues discussed included:

- *The big flyer mailing will should have occurred by the time you get this.*
- *There was a fair amount of discussion about the new Gold gate configuration*
- *We will be giving credit card sales out at the ticket booths another try (this only affects Kathy, KB7QMO).*
- *The first floor is sold out except for a couple booths.*
- *We need someone to be a co-chair out at the tickets (more on this later).*

Probably the biggest concern right now are the worker signups.

This is no surprise as it's also the biggest area of concern at this time. Most of you have received an invitation to sign up at our on-line Volunteer website (VolunteerSpot). As mentioned before, you can only sign up by invitation. The areas with the most number of holes include Announcing, Ticket Sales, Registration, and Security. As it stands we have about 60 shift signups each for Friday and Saturday. Last year we had 110 for Friday and 120 for Saturday.

Registration has been hit lately by a fair amount of attrition over the past few years and is in need of some new blood. It's been tough because 1) Registration primarily works outside and 2) because the volunteers tend to be few, the hours tend to be long. I would really like to see more people take up some shifts at Registration and then maybe I can convince Diane to shorten the shifts. Registration is one of those areas where Diane does her own scheduling because of the many different areas people are needed but if you drop Diane an email (dmdink@clearwire.net) I am sure she would be happy to chat with you about what she needs.

For the other jobs, check out the Fleamarket Primer on Page 5 of this Relay and sign up based upon your abilities. Don't make me beg, it's not pretty. I plan on having my computer at the January meeting to sign people up on the spot if needed.

Most of the chair persons have been on the job for multiple years. It's time for some new blood in the administrative areas. Even if the current chair isn't looking to bail out (most aren't), it would be useful for others to learn the ropes. This isn't a hard event to run and co-chairs makes it even easier. Please consider stepping up your involvement.

Tickets is well suited to having co-chairs. It's a one day job (we only sell tickets on Saturday) and we only need ticket people from 7:45AM until 2PM. Usually only one person is needed at any one time but there are times when a second person can be useful or give the first a break. We NEED a ticket co-chair.

Every year, the Club comes together and we eventually get the volunteers we need. Please make an effort to make your signups soon. If you lost your invitation, I can send you another.

Send your inquiry email to: n7wa@arrl.net.

January 2014

K7LED Relay

M&K-Membership Committee Report

By Rita Danielson KD7CNU

Happy New Year from your Membership Committee!

We did not have a meeting in December, however that does not mean we were idle.

We had our First Annual Holiday Luncheon following our December General Meeting. By the remarks I received, all those that attended enjoyed it.

We had a nice relaxing lunch of Subway sandwiches, six 3-foot party subs, vegetables, cookies, cranberry punch and egg nog punch. There was plenty of food to go around with some members taking sandwiches home with them. The winner of our ugly sweater/sweatshirt contest was David Lee, KC7FSR. I'm sure he put the \$25 Target gift card to good use.

The Membership Committee will once again have a table at the Flea Market, March 8th. Stop by and say 'Hi.'

Your committee is working on the Awards Banquet. Strong tentative date is, **Saturday, March 29 at the Tukwila - Old Spaghetti Factory.** This is the same restaurant where we had the banquet last year. We will have the menu finalized for the February meeting and you will be able to purchase your tickets at that time. The ticket price is looking to be the same as last year of \$10.00. Last year was my first banquet and I didn't know what to expect. It was a nice experience and I have some good ideas for this year's banquet.

We will be having our January meeting following the general meeting at La Hacienda, 811 S 3rd, in Renton.

Please feel free to join us.

73/88's - Rita KD7CNU

Let's Celebrate Our January Members!

By Dave Smith KB7PSN, Treasurer

As of January 2014, the following have been Mike & Key members for the number of years stated. Congratulations to all of you, and thanks for your participation & service.

Each of you makes us who we are:

John Rehnstrom	WA7HQG	43 Years*
Dick Lundstrom	WA7UEW	41 Years*
Joyce Stroehrer	N7JPW	27 Years*
Michael Hansen	KG7MX	23 Years
Mike Hansen	AC7UR	23 Years
Frank Henshaw	K7VMG	20 Years
Fred Lowell	N7PZ	17 Years
Mark Whitaker	KD7KUN	13 Years
Ronald B Stein	W7GAX	7 Years
Donald Cain	* No Call *	4 Years
Rich Hand	K7RFH	4 Years
Linda Jordan	* No Call *	4 Years
Carl Reynolds	N7CJR	4 Years
George Thornton	AE7G	4 Years
David Burgasser	KB7DAV	3 Years
Kathleen Weiss	KF7MUD	3 Years
Mike Canaan	KF7IUP	2 Years
Renee Canaan	KF7IUQ	2 Years
Forrest Jones	KF7ZNC	1 Year

* Life Member, having been with club for 25 years or more.

M&K - VE Team Statistics for 2013

By Scott Robinson AG7T

The VE team had another great year in 2013! I want to thank each of the VEs that helped during the year: W7GIL, N7RHE, KD7BAT, KE7LLC, KO7E, WA7NIW, KF7FK, WU7J, KD7IQL, W7ATL, WT0F, NU6A, KL7WM, KF7VG, AD7CT, AC7UR, and KG7MX.

You again showed the best of amateur radio. We had 167 people taking 192 exam elements leading to 74 Technician, 51 General, and 24 Extra class licenses awarded. The average session size was 12 people per session in 2013. This is one less than the 13 averaged in 2012. The remaining numbers were similar to 2012.

Does keep the VEs very busy!

M&K Radio Officer Report

By Hal Goodell N7NW, Radio Officer

WOW some really windy and rainy weather conditions this weekend. However, power has remained on at our repeater site. Though we now have a little snow on the ground. See picture. Both repeaters continue to perform well this winter.



You ever wonder about what other repeater systems are located at our repeater site? As you can see there are a lot of antennas on our building. Our site is owned by the Puget Sound RTTY Repeater Group, which was formed in November, 1976. More information about the PSRRG can be found at www.wa7hjr.org.



Besides the K7LED 146.82 and 224.12 repeaters, there are a 223.98 (tone 100 hz) N7NW repeater, 444.65 (tone 131.8) WA7HJR repeater, 444.6375 WA7HJR DStar repeater and a 1292.2 (tone 103.5) KB7CNN repeater.

These repeaters are all open systems. The WA7HJR 444.65 UHF repeater also has an Echolink interface and more information about that can be found at their website listed above.

-Hal N7NW- Radio Officer.

A 'M&K Flea-market 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, its 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 March 8th. It's held at the Pavilion Exhibition Building on the Washington State Fairgrounds in Puyallup. This 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. The event this year will be our 33rd. 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. 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. We used to have a signup book but now we ask workers to sign up and schedule themselves using an on-line tool. You can get your personal link to the tool (you can't use somebody else's) by sending email to n7wa@arri.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. We also like to have someone watching the loading dock to make 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@clearire.net or 253 631 3756. Registration hands out vendor packets and sells tables but job requirements are very specific and it is 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 is 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 – these areas have specific requirements and are not generally open to public signups. If you have an interest in giving VE Exams, contact Scott aq7t@arri.net. For Admin or Hospitality, see an event Chairperson.

Hospitality – provides the welcome snacks and beverages that get us through the busy day.

Mike & Key ARC – Elmer Contacts – By Jim Aigner N7MU

Area	Elmer Coordinator	Email	Phone	Description
Stations, Equipment	John Robson, AC7LK	robson.j@comcast.net	253-984-6709	Station setup, eq't selection, antennas, digital
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	Curt Black, WR5J	wr5j@westseattlearc.org	206-755-4541	Digital modes, software, TNC's
D-STAR	Curt Black, WR5J	wr5j@westseattlearc.org	206-755-4541	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	Eq't, Antennas, best HF operating practices
New Members	Dick Radford, WA7NIW	wa7niw@arrl.net	425-828-9791	Getting started, Eq't selection and operation
QRP	Frank Qualls, AB7HA	franklin_qualls@hotmail.com	425-802-1837	Low power operation, design & construction
VHF / UHF Operation	Hal Goodell, N7NW	n7nw.hal@comcast.net	253-549-4178	6 meters and up; moon bounce, meteor scatter

Public Service: Seattle Marathon 2013 –Thank You!

By Fran Underwood N7FWZ

Dear Marathon Family,

I want to thank you for coming out for the 2013 marathon family of events. Over 12,000 runners participated in the events this year. We were so fortunate to have such a good day for this event that I can still hardly believe it. The temperatures in my car started at 55 and went down to 54 by 7:30 pm. No rain as predicted. And no Seahawks game. Yet for most of you this was the earliest time the formal finish line closed down. After my fate was determined I went forward to the arboretum to thank the hams and dismiss them, Matt went forward to excuse the remainder of the hams along the course.

I first encountered our last couple on the outward bound I-90 express way. It took us 1 hour to get to the turn around and of course one hour to come back. I spoke to her and she was determined to finish the marathon. It took us ever so long to reach Seward Park, and when we crossed the half-marathon mark, I tried again to convince her that she would still get a metal (silver not gold) if she would quit then, but no. Rick OFT was there and I gave him the job of shadowing them for a while and I went forward to let you go home. Louise asked if she had a way home and they did. So, on they marched. We were approaching Leschi and the port-a-potties were picked up. On they marched. Going through Interlaken, I provided head lights and Rick provided the tail lights. It was a long day. I marked the turns as we returned to the finish line. She had been promised to be able to cross a finish line no matter how long it took her. John Kokes (the chairman of the marathon board) stayed to present the metals. Tom Golden, his daughter and myself rang cow bells, and Rick used his onboard siren to welcome them to the end of their journey. Hugs and thank yous were given. They were from Los Angeles and they appreciated our efforts to help them.

From listening to the networks, it sounded like everyone tried to keep their posts stocked with supplies and give updates to net control. Of course the usual problems were there, stuck mikes, not observing the silence for the race starts. One or two long response times for medical sags, but we try and get that resolved by next year, also the timers issues.

A couple of reminders, (1) if you borrowed equipment from us, please return it as soon as possible, (2) the signs if they are laminated, I would appreciate them to be returned. They can be mailed to 7065 121st Place SE Newcastle, WA or if you want to drop them at my home before the 17th I will be glad to see you. If I am not here, I have a milk box next to the front door for the signs.

Most of all I want to wish you a happy holiday season and the very best of new years. Watch your email around the end of September the beginning of October for next year's marathon from Matt Kozma. Laura and Matt will be doing the recruiting, but the meetings will still be at my home as usual. We hope to correct assignment sheets and get times easier to manage. If you do not hear from us call me (425 226-4115). If you change your email address please let us know.

Again I say a heartfelt **Thank you** and a **Happy Holiday Season**. Hope to see you again for the 2014 marathon.

-Fran Underwood, N7FWZ

M&K Photos From Our December General Meeting

By Ric Danielson K7RIC



...More Photos From Our December General Meeting

By Ric Danielson K7RIC

The M&K Club's Annual Holiday Party





M&K General Meeting Minutes

By Ivy Nelson-Groves WA7IVY, Secretary

General Meeting Agenda – 21 December 2013

Meeting was called to order at 10:00 AM by the President, Robert KD7WNV.

Pledge of Allegiance. Introduction of members and guests.

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.

Introductions

Officer Reports:

President – Robert KD7WNV: Nothing to report.

Secretary – Ivy WA7IVY: Nothing to report.

Treasurer – Dave KB7PSN: The books are in order. We will be voting on the 2014 Budget today.

Activities Manager – George AE7G: Today is the “End of the Year” Drawing. Today’s activity will be the Christmas party. The Salmon Run review should be in January.

Chairman of the Board – Gil W7GIL: Nothing to report.

Radio Officer – Hal N7NW: The repeater is working well. Hal reported by email. Reminder, the repeater site may have a power outage and if so we will go to battery power and it drops to 25 watts. An announcement will be broadcast over the repeater when this happens, so that users may limit usage to prolong repeater power.

Quorum present. Sam N7RHE made a motion to approve the minutes as amended. Gary KG7UEW seconded the motion. Motion passed.

Vice President – Kathy KB7QMO: No prospective members were present. Kathy will miss the January meeting and needs someone to substitute for her. If you want a better idea of what she does, this would be a great time to learn, what with upcoming elections.

Relay Editor – Gary KG7KU: Gary thanked everyone for their contributions to the Relay throughout the year and invited others to submit articles.

Webmaster – Jim KD7BAT: Website should be up to date. If something needs to be updated, please let Jim know. There are some changes to the upcoming classes listing page.

Standing Committee Reports:

Membership – Monica KF7QLX: Rita KD7CNU described the party spread for the day, so our Holiday party will be during the activities session. Gary KG7KU told the membership that we are always looking for new participants.

Facilities & Publicity – Daniel KL7WM: We got in the door today, and we will be doing an inventory of club equipment in the near future.

Education – Jim K7JGM: Daniel KL7WM listed several upcoming classes and training opportunities. Daniel also mentioned that several folks in his classes have participated in public service events right after getting their license after finding information concerning them in our public service booklet.

Public Service: Robert KD7WNV: We have divided up the assignments for the public service booklet, but would love to have more people participate. Next major public service event is the Chilly Hilly bike ride.

Technical & Special Interest: Gil W7GIL: We need a chairperson for the sub- committee that reviews equipment for the surviving family of Silent Keys. If you are interested, contact Gil.

Other Committees (as appropriate):

VE Exams: Scott AG7T: There were 14 people attend testing last month. Awarded 7 Technician, 4 General and 2 Extra licenses. Exams will be held today at 12:30 pm at the Salvation Army Building.

Logo: Jim N7MU: If you want the club logo on apparel, please see him. If you want one of the Ham Radio Hats from Hot Press, contact Mike N7WA. If you want a club badge, today see Dave KB7PSN.

Flea Market: Mike N7WA and Hal N7NW: **7-8 March 2014.** The 13000 flyers are nearly ready to out after the beginning of the year. Mike sent out info on how to volunteer online.

Awards committee: Gary KG7KU, Dick WA7NIW, & Jim KD7BAT are the members of this committee.

Field Day: Ivy WA7IVY: **27-29 June 2014.** Alan KB7SVU reviewed much of the work that we need to do to prepare for Field Day 2014. We will be scheduling some work parties – look to the reflector for dates of work parties. If someone has an enclosed space where we can work on the tower trailer it would be greatly appreciated. Michelle WA7PVE has a dvd available to the membership about Field Day last year; contact her if you are interested in a copy.

Picnic: Hal: Dave KB7PSN will be making the reservation for the date of the August meeting.

Bell Ringing: Jim KD7BAT: Thanked everyone for helping with the bell ringing this year. We raised over \$1000 this year. The Walmart kettle weighed more, but the Fry’s kettle had more money.

Audit committee: Sam N7RHE: They will meet before the next general meeting to audit the 2013 books.

Old Business:

ByLaws Revision: Sam N7RHE made a motion to accept the bylaws revisions and George AE7G seconded. Motion passed.

New Business:

Budget: Dave KB7PSN reviewed the budget line items with the membership. Gil W7GIL made a motion to accept the budget, seconded by Daniel KL7WM. The motion passed.

Alligator Award –Dean N7XS still holds the award.

Good of the Order:

Michelle WA7PVE mentioned that this club doesn’t have an official mascot for the club. If anyone has a thought about this, please bring this to the attention of any board member.

Tim K7ANE is thinking about going to Dayton this year, and would like anyone’s insight about what to do and what to see there.

Michael KG7MX has several years’ worth of QST magazines that he is looking to share.

The next Mike & Key Board meeting will be on the first Wednesday of the month, January 1st at 7:30 pm, at the Salvation Army in Renton.

The next Mike & Key General Membership meeting is the third Saturday of the month, January 18th at 10:00 am at the Salvation Army in Renton.

Gary KF7TBC made a motion to close the meeting; Scott AG7Tseconded. The motion was passed. Meeting adjourned at 10:57hours.

10 guests; 58 members, 50 ARRL members

Attested: Ivy Nelson-Groves WA7IVY, Secretary

End of the Year Drawing Grand Prize winner: K7MCJ

Attested: Ivy Nelson-Groves WA7IVY, Secretary



M&K Board Meeting Minutes

*By Ivy Nelson-Groves WA7IVY, Secretary
Held 1-January 2014*

Officers present			
X	President	Robert Grinnell	KD7WNV
X	Vice President	Kathy Martin	KB7QMO
X	Secretary	Ivy Nelson-Groves	WA7IVY
X	Treasurer	Dave Smith	KB7PSN
	Activities Manager	George Thornton	AE7G
X	Radio Officer	Hal Goodell	N7NW
Trustees present			
	No. 1	Jim Monson	K7JGM
X	No. 2	Monica Cook	KF7QLX
	No. 3	Gary Anderson	KF7TBC
X	No. 4	Gil Drynan	W7GIL
	No. 5	Daniel Stevens	KL7WM
Other officers (non-voting)			
X	Relay Editor	Gary Bryan	KG7KU
	Webmaster	Jim Etwiler	KD7BAT
Visitors			
	James Wraalstrad		WQ7H
	Michael Hanson		KG7MX

The Chairman of the Board called the meeting to order at 7:38 p.m.

Minutes: A motion was made to approve the minutes as published was made by Dave KB7PSN and seconded by Monica KF7QLX. Motion passed.

OFFICER REPORTS:

Chairman of the Board – Gil W7GIL: no report.

President – Robert KD7WNV: no report.

Vice President – Kathy KB7QMO: New applications: Tom Petrakis K4ULL; Kirk Butler K6GNW; Doug North KG7GVW. They were approved by the board.

Secretary – Ivy WA7IVY: no report

Treasurer – Dave KB7PSN: The Club’s books are in order. Dave reviewed end of year expenses with the board.

Activity Manager – George AE7G: not present.

Radio Officer – HAL N7NW: The repeater is in working well. The weather has been mild on Tiger so far this year.

Relay Editor – Gary KG7KU: Gary thanked everyone who contributed to the newsletter and solicited articles for this upcoming month. Gary mentioned that postage will be going up this month.

Webmaster – Jim KD7BAT: not present.

STANDING COMMITTEES:

Membership – Monica KF7QLX: Gary KG7KU reported that the Awards banquet is being worked on by the committee currently. The membership committee will be revising the membership application. The committee is concerned about members who have stopped coming to meetings and will investigate ways to get them back.

Facilities – Daniel KL7WM: not present.

Education & Training – Jim K7JGM: not present.

Public Service – Gary KF7TBC: Robert KD7WNV mentioned that we are working on finalizing the Public Service Booklet. The next Public Service Booklet run will be larger this coming year.

Technical – Gil W7GIL: No report.

Field Day – Ivy WA7IVY: We have some work to do now that the holidays are over. We will review work to be done and schedule work parties in the future.

Flea Market – HAL N7NW: The flyers will be going out next week. Mike N7WA will be printing up some additional flyers to hand out. Meeting will be on the 14th at Mike’s house.

OLD BUSINESS:

Insurance document: Michael KG7MX is will review our lease obligation and what our insurance covers to make sure they are aligned. Dave KB7PSN gave a copy of the policy to Michael for his review.

NEW BUSINESS:

Discussion of postage expense for the club: the board decided that no action was necessary.

GOOD OF THE ORDER:

No items for the good of the order.

Next Board meeting will be on February 5, 2014 at 7:30 pm at the Salvation Army Building in Renton.

There being no further business, the Chairman of the Board adjourned the meeting at 8:27 pm.

Attested: Ivy Nelson-Groves WA7IVY, Secretary



What's In the Club Library?

By Tim Kane, K7ANE
and Toku Okumura, AD7JA

We've been really glad to see that many of you have been taking advantage of the Mike and Key library. But we'd like to encourage the rest of our members to take the time to browse the many great amateur radio oriented offerings on the shelves at the library, or on the table at the general meetings. One of the benefits of M&K membership is that you can check any of them out for a month at a time, so you can peruse them at you leisure.

Some of the many titles we have include:

- *Radio Amateur Handbook, 1938: 1940-45, 1950/55, 1966-76, 1983/85, 1990-92/95, 2000, 2005-13*
- *Radio Amateur Callbook: US 1939, 1947, 1960/66, 1995, and International 1995*
- *"For Dummies" series: Ham Radio, Two-way Radio and Scanners, Circuit-building*
- *License Manuals: Tech, General (6th ed.), Extra (9th ed.)*

We'd like to know if there are any publications you'd like us to have in the club library. Based on member requests, some of our many recently acquired books include:

- *ARRL Antenna Book (21st edition)*
- *Basic Antennas: Understanding Practical Antennas...*
- *Vertical Antenna Classics*
- *Stealth Antennas*
- *Antenna Zoning*
- *ARRL's Small Antennas for Small Spaces*
- *ARRL Guide to Antenna Tuners*
- *ARRL Field Day Handbook*
- *ARRL Satellite Handbook*
- *ARRL Emergency Communications Handbook*
- *Emergency Power for Radio Communications*
- *Personal Emergency Communications – Staying in Touch*
- *Disaster Preparedness Handbook: a Guide for Families*
- *ARRL HF Digital Handbook, VHF Digital Handbook*
- *Amateur Radio on the Move – from your Car, Boat, Airplane*
- *ARRL's ABCs of SDR (Software Defined Radio)*
- *ARRL's Low Power Communications (QRP)*
- *ARRL DXCC Handbook*
- *And many more...*

The library is maintained and serviced by M&K librarian Toku Okumura, AD7JA, at his television service company, Skyway TV, at 11818 Renton Ave. S, Seattle 98178. Tel: 206-772-2450. For more information, opening times and a map, go to his website: <http://www.skywaytv.net/> Please come by and browse!

Pacific Northwest Hamfairs & Events

Source: PNW Hamfair webpage at <http://www.n7cfo.com/amradio/hf/hf.htm>. (Used with Permission)

Link: [The Pacific Northwest Hamfair and Events Calendar](#)

Also: [Western Washington Amateur Radio Licensing Classes, Training Classes and Examination Sessions](#)

February 15, 2014. Salem Hamfair & Computer/Electronics Swapmeet. Rickreall, Oregon at the Polk County Fairgrounds. This is an ARRL sanctioned event. <http://www.w7sra.com> .

March 8, 2014. Mike & Key Swap Meet. Puyallup fairgrounds exhibition hall, Puyallup, WA. This is an ARRL sanctioned event. For information, contact dmdink@clearwire.net or n7wa@arrl.net . <http://www.mikeandkey.org/flea.htm> [Flyer in PDF](#). (194K)

March 22-23, 2014. Communications Academy. Seattle, WA. This is an ARRL sanctioned event. <http://www.commacademy.org>

March 29, 2014. MicroHAMS Digital Conference. Redmond, WA. This is an ARRL sanctioned event. <http://www.microhams.com>

April 2014 Yakima Hamfest. Yakima, Washington. Selah Civic Center, 216 South 1st Street, Selah, WA. For information, contact Lindsay Kooser (509)965-6612 n7rhw@arrl.net .

April 25-27, 2014. Idaho State Convention. Boise, ID, Voice of Idaho ARC. This is an ARRL sanctioned event. Info, Don Lynn , ND7L, (208)899-5801, don_lynn@pacbell.net . <http://www.idahostateconvention.com/>

January 2014

K7LED Relay

Ham Nets & Events – 2014 – January / February / March [Fleamarket]

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
12 1900 – NWWA-LDS Net 147.34 (Weekly) 2000 – King Co. ARES Net 147.08 (Weekly) 2200 – NW Astronomy Net 145.33 (Weekly)	13 0545 & 1645 – Weather Net 145.33 (M-F) 1830 – WA Emerg. HF Net-ARES 3.985 (Weekly) 1900 – Seattle ACS Net 146.90 (Weekly) 1930 – PSRG Net 146.96(Wkly)	14 2000– American Red Cross /SeattleTeam Net 147.080 (Weekly) 2000 – Snohomish Co. ACS/RACES Net 146.92 (Weekly)	15	16 1900 – M&K Public Service Net 146.82 (Weekly)	17	18 1000–M&K Club Meeting 1100– Club Holiday Party 1230– M&K Ham Radio Exams At Salvation Army, Renton. Contact: Scott— aq7t@arrl.net 0900 – WA State Emerg. Net (WSEN) ARES HF Net 3.985 (Weekly)
19	20	21	22	23	24	25
26	27	28	29	30	31	01 – FEBRUARY –
02	03	04	05 M&K Board Mtg Salvation Army Bldg Renton, 7:30 pm	06	07 Relay Articles Due 23:59:59	08
09	10	11 M&K Fleamarket Meeting Mike Dinkelman's 7pm	12	13	14	15 1000–M&K Club Mtg, Renton 1230– M&K Ham Radio Exams, At Salvation Army, Renton. Contact: Scott— aq7t@arrl.net
16	17	18	19	20	21	22
23 Public Service: Chilly Hilly Bike Ride, Bainbridge Island. Contact: Craig AC7BV CraigH@Blarg.net	24	25	26	27	28	01 – MARCH –
02	03	04	05	06	07 M&K Fleamarket [Setup]	08 M&K Fleamarket Puyallup Fairgrounds [9am – 3pm]