



View from the Bridge...



September - Preparedness Month

By Ivy Nelson-Groves WA7IVY, President

As a whole, the amateur radio community is more prepared than most for emergencies, but this is a great time to check your preparations. Check the perishable supplies in your emergency kits; get rid of expired medications; check that you have your out of area contacts updated – all the little things we forget to do on a regular basis.

If you haven't taken a CERT class, please do. They are great for framing an experience that can help you survive an emergency. Don't forget a First Aid/CPR class if your certification has lapsed. And it is a great time to consider upgrading your license, or getting more of your family members licensed.

Is it really Field Day Season already?

Yes, reservation time for the Wagon Wheel is quickly approaching, and I could use the help of a few folks to make sure we secure the Wagon Wheel on September 19th for Field Day 2012 on June 23-24, 2012. We want to get the Wagon Wheel area reserved on June 18-25. If you can help out, send me an email or talk to me at the General Meeting.

Tower Trailer

Since our last General meeting, the tower trailer has been sanded and primed (a couple of times), and the first coat of paint has been applied. A heartfelt thanks goes out to everyone who attended the work party! And a special thanks to **Alan Hughes KB7SVU** for helping me with the fixing the primer job, and the first coat of the final color. **No, it's not pink (although I thought about it for about 60 seconds).**



On the Sunday after the September General Meeting, a few of us (who will not be busy with Salmon Run) are planning to get together at Alan's house at 10am to put the final coat of paint on the tower trailer. If you can make it, your efforts will be appreciated!

See y'all on the 17th ...

Great Turnout for the Annual Mike & Key ARC Picnic!!

By Hal Goodell N7NW

The Mike and Key ARC picnic was held on August 20th at the Gene Coulon Memorial Park. This park is really exceptional.

This year's picnic topped last year in attendance. Thanks all for attending. We had an estimated 60 members and family members attend. The weather was really excellent, one of the better days of the summer so far.

We arrived at 8:30 to set up and found Toku AD7JA and a few others had all ready arrived. I wish to extend my thanks to all the early attendees for their help in unloading my vehicle and setting up for the picnic. Sure made Annie's and my job easier.

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

Club Contacts

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No. 1	Michael Dinkelman	N7WA	n7wa @ arrl.net	253-631-3756
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No. 3 (CoB)	Tim Kane	K7ANE	k7ane @ arrl.net	206-251-7467
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No. 5	Daniel Stevens	KL7WM	KL7WM @ arrl.net	206-228-9274
Logo Committee	Dan Humphrey & Dawn Humphrey	N7QHC KC7YYB	n7qhc @ arrl.net	206-243-0163
Webmaster	Jim Etwiler	KD7BAT	kd7bat @ arrl.net	425-788-7887
VE Testing	Scott Robinson	AG7T	ag7t @ arrl.net	425-788-0452

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, Email the *Relay* Editor: kg7ku @ arrl.net.

September 2011

M&K Activities & Door Prizes

By Kathy Martin KB7QMO, Activity Manager

I expect that those that attended the picnic enjoyed themselves. I'm sorry that I couldn't attend. I spent the weekend with my son and two of his friends camping on a lake. It was a fun weekend except for the extreme heat. I'm glad I did it. The young men were very kind to me and helped me when they could. It was an experience that I hope I can do again sometime.

We are currently working on the Program this month – details are not currently available. Come out and see!

The year-end prizes include the Signalink USB device and the recently acquired Wouxian Dual Band (2m/440) hand held radio (KG-UV3D-2/UHF).

Here's the line-up for September door prizes:

- o **Bencher CW paddle (used)**
- o **25-LED Ultra-bright headlamp**
- o **LDG RBA 1:1 200 watt balun**
- o **The Road Home by Andrew Baze AB8L (M&K Member) adventure story**
- o **18" flexible strip of 12 volt soft white LED lighting**
- o **MFJ-281 Cleartone Speaker**
- o **Package of 5 PL-259 connectors (silver)**
- o **CoaxWrap silicone non-adhesive tape (like Rescue tape)**
- o **Strike Master fire starter kit**
- o **Lido LM-1200 Mic/HT holder vent mount (used)**



The 2012 Flea Market Begins

By Michael Dinkelman N7WA

In October, the Fleamarket planning begins in earnest. We'll hold the first meeting on the second Tuesday of October - the 10th. The meeting starts at 7PM at the Dinkelman residence. It would be useful to know who is returning as a chair (and who is not) before-hand.

The Fleamarket planning meetings are not restricted to Chairs, all members are welcome. If you need an address, please check the roster or N7WA on QRZ.com. Mark your calendars – **the next Fleamarket is March 10, 2012.**

K7LED Relay

Washington State QSO Party

A.K.A. – 'Salmon Run'

By Michael Dinkelman N7WA

The Washington State QSO Party (aka Salmon Run) is this month – Sept 17-18. If you can get on, I urge you to do so. The rules are published at www.wwdxc.org (ignore the fact that they say 2009 Rules). This is your chance to be the DX as others across the country will be looking for Washington stations and the more rare Washington Counties. I know it coincides with the Club meeting but it runs all day and then part of Sunday.

Myself, I hope to be touching most of the counties east of the mountains as a mobile operator.

Look for me as I travel around (yes, I will be doing some phone as well as CW). Hope to hear you on.

Out of the 'Comfort' Zone

Email from Mike Mikuchonis W7XTZ

Mike & Key club members Lee Sherry KE7NBN, Roy Heimes N7AVN & Mike Mikuchonis W7XTZ along with non-member Richard Goodenough K7ZEM will do a county expedition to Orcas Island, San Juan County for the Washington QSO party better known as the "Salmon Run". We have a special event call sign of W7A. Look us up on QRZ for more info. www.qrz.com/db/w7a.

P.S. we're all pretty much rookies for this type of operation. 73, Mike Mikuchonis, w7xtz.

M&K Annual Picnic... [Continued from Page 1]

Members started arriving at about 9am for the usual pre meeting 'ragchew.' Thanks to Mike N7WA, for providing the Donuts and coffee. Ivy WA7IVY, conducted the meeting starting at 10 and got the necessary Club Business out of the way. Then we got down to the important part of a picnic, and that's the eating!!



Thanks to Gregg, W7HRC, and his wife, Linda, for doing the majority of the BBQ'ing again. Great burgers and dogs, I don't think anyone left hungry. There were bunches of side dishes and thanks to all for bringing them. [Continued on Page 4]

Radio Officer Report

By Hal Goodell N7NW

Nothing new to report on the repeater status. Both systems continue to operate fantastically well. The Two-Meter repeater is often heard and accessed in BC as well as Astoria, Oregon. This represents very good coverage for sure.

And just a reminder to all, that periodically the Two-Meter repeater is used for Nets and sometimes as support for Public Service events. These events are coordinated through me and are authorized.

Thanks to all for your continued courteous behavior on the repeater.



Special thanks to Toku, AD7JA, for his special vegetable skewers. He had a deep fryer going and barely could keep up with the hungry mob that snatched up the skewers as they came out of the fryer. Toku always provides a delicacy for all of our events.

Lots of folks stayed around after the lunch for more visiting and enjoying the sun. Actually the weather did cooperate for us and it was a very nice day.

Thanks again all for helping cleanup and carrying the supplies back to my truck. You all made our task easy!!

[Ed.Note- Photos courtesy Robert Grinnell KD7WNV.]

Celebrate our September Members!

By Dave Smith KB7PSN, Treasurer

As of September 2011, these 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:*

Jack Burrell	N7ZS	31 Years
John McGee	KI7OT	19 Years
Betty Westby	N7UII	19 Years
Mike Foster	KM7F	17 Years
Robert Schweitzer	WB7QNB	16 Years
Scott Robinson	AG7T	11 Years
Charles Sundberg	KD7KFY	11 Years
Rachelle Gill	KF7QCN	10 Years
Teresa Vaughn	AD7CT	8 Years
John Saunders	KD7UI	7 Years
Joel Lichtenstein	W8CQP	6 Years
John Marthens	NU6A	6 Years
John H. Keene	KE7OND	4 Years
Gary Greve	W7TRJ	1 Year

On the Radar: Seatte Marathon

By Gene & Fran Underwood, W7AKA & N7FWZ

This year's Seattle Marathon is the 41st running of this great Marathon. This year's Marathon runs on November 27. Amateur Radio has supported the Seattle Marathon for most of the events history. This is the 13th year that Gene and Fran Underwood have coordinated the Ham Radio support. With the help of many hams, the operation has gone from one net to five nets. Also the number of hams supporting the Marathon has increased from 65 to 120. This year we hope to recruit 150 hams.

Running a Marathon can be a dangerous thing to do. Two years ago, around the country, there were 7 marathoner fatalities in the two weeks before our run. We now have a separate medical net that receives all requests for pickup of any participant with any type of medical problem.

Another net controls the movement of the Support And Gear (SAG) vehicles. The 10 SAG's all have APRS equipment and that is monitored on a computer at the SAG Net Control Station (NCS). Since we seriously disrupt traffic patterns, the SAG NCS can direct the SAG unit that can get to the runner requesting pickup.

Please consider joining the Ham team in support of the Seattle Marathon this year.

Contact: Gene & Fran Underwood, W7AKA & N7FWZ, 425-226-4115, W7AKA@comcast.net.

'Local' Conversation—August 2011

By Michelle Baskett WA7PVE

One of the 'Locals' came up the hill to visit last week after the meeting. Between cans of cola the talk turned to the meeting.

'I don't know what they're thinking at the meeting, trying to get us all into a special event contest.'

Well I wasn't sure where he was going with this, but I just had to ask, 'Sounds like fun and a little educational to me. What could be wrong with a little contest among friends?'

[Continued on Page 5]

September 2011

'Local' Conversation... [Continued from Pg 4]

'Nothing,' he replied, 'but giving up our Saturdays to try to work special events I know nothing about...'

Well for one I kind of thought this was what Ham Radio was all about, but I let him continue.

'...and besides, only those people with expensive radios and big antennas seem to actually win contests. I only have a small rig and a dipole tied to the side of the house.'

After another sip of soda I asked 'Do you know about Geo-cacheing? Some of the members are really into it, and what about Pete giving up all those Saturday mornings to go out Bird Watching...?'

The Local was now really confused. 'Yeah, but...'

'...and Little John driving down to the Sound every night to go fishing,' I continued.

Shaking his head, the Local put down his can of soda. 'I just don't see what those things have to do with the M&K Marathon Contest.'

I knew at that moment that I just had to push a little harder.

'Well think about it. What do they do in Geo-cacheing...' I asked.

'Well as I understand it someone hides a little treasure and leaves clues for people to find it.'

'and Bird watching?' I asked.

'Well the guys go out in the field and spot different species of birds, just to write what they saw in a log.'

'This is true enough.' I added. 'bird watchers even have year long events called the year of the bird, where people log everything they see in a 365-day event!' I pushed just a bit more, 'So here we are, Mike is hiding little treasures for us to find and we are logging everything we work to share with club members. Sound familiar?'

Well I could tell the lights suddenly were popping on.

'Awww, I get it.. So the contest is like other hobbies. To be enjoyed and shared.'

Then I pushed just a little bit harder. 'And what about John and DX?' I asked.

'Well he always said he'd never get on the HF because DX-ing was just to easy.' the Local grumbled. Yet now he's having more fun now than ever before. Of course, he just put up all those big antennas.'

I now knew the Local was ready to be enlightened.

After a long sip of cola, I said 'The contest is like DX-ing, Geo-cacheing, Bird Watching. You know there is a treasure in the form of a rare "DX" special station. Mike has given you clues how to find them. After you find the special station you record your spot and share this with others. They are not hard to find, they just take a little thinkin' about it to work. Like checking the Local spotting networks or chatting on 2-Meters with friends.' I

K7LED Relay

continued. 'And as for caring about these events, last week I worked the real Laura Engle, Little House on the Prairie station. I thought you always liked that TV show...?'

I could tell the Local finally got it.

'And if I don't have the best set up, I can Analyze what it would take to improve my station. All this, in just a friendly little contest,' he stated as he finished his third soda and put on his coat.

As he headed for the door he turned, perplexed, and asked 'What about John and his secret fishing spot?'

I just smiled. Some things just cannot be shared.

ARRL Feature [<http://www.ARRL.org/News>]

Contributed by Bob Rutherford KE7UUU

Public Service: Hams from North Carolina to Maine Provide Communication Support Before, During and After Hurricane Irene

Hurricane Irene -- the first major hurricane of the 2011 hurricane season -- left extensive flood and wind damage along its path through the Caribbean, the East Coast of the United States and as far north as Atlantic Canada. Beginning on August 20 as then-Tropical Storm Irene headed toward Puerto Rico, radio amateurs were already on alert.



ARRL Emergency Preparedness Assistant Ken Bailey, K1FUG (left) and ARRL Field Organization Supervisor Steve Ewald, WV1X, monitor traffic nets at W1AW during Hurricane Irene.

Irene first made landfall in the US as a Category 1 storm on the morning of Saturday, August 27 on North Carolina's Outer Banks. In preparation, ARRL Emergency Preparedness Manager Mike Corey, W5MPC, activated the ARRL HQ Emergency Response Team (HQERT). On Tuesday, August 23, this team of ARRL HQ staffers began monitoring various nets and providing support to the affected Field Organizations from W1AW, the Hiram Percy Maxim Memorial Station. Two days later, the HQERT went into active mode. Read more [here](#).

Bob Rutherford KE7UUU

Federal Way ARES/RACES - ECRT

Pacific County ARES/RACES Team

American Red Cross Communications Team

Reserve Corps and Disaster Support Team

C.E.R.T member, NWS Skywarn Member King-51

[Ed.Note- Article content is copyright www.ARRL.org]

September 2011

'Gator' Gone Missing

Contributed by Roger Eck KF7GDD

To: RogerEck@aol.com

Sent: 8/22/2011 1:47:26 P.M. PDT

Subject: 'Gator' 146.820 has been missing...

'Gator' 146.820 has been missing & out of circulation! Apparently he's been vacationing on the water.



[Ed. Note-Unknown Originator]

REWARD OFFERED

Contributed by Jim Aigner N7MU

On Email From: Richard Fritz WB6AWO

Subject: Escaped: A Hop-a-Long Capacity

Escaped: A Hop-a-Long Capacity

A reward of 500 Microfarads is being offered for information leading to the arrest of Hop-a-Long Capacity.

This un-rectified criminal escaped from a Weston Primary Cell, where he had been clamped in ions, awaiting the Gauss Chamber.

He is charged with the induction of an 18 turn coil, named Milli Henry, who was found choked and robbed of valuable joules. He is armed with a carbon rod, and is a potential killer. If encountered, he may offer, a series of resistance.

Capacity is also charged with driving a DC motor, over a Wheatstone Bridge, and refusing to let the band-pass.

He was last seen riding a kilocycle with his friend Eddy Current, and playing a Harmonic.

The electromotive force spent the night searching for him in a magnetic field, where he appeared to have gone to earth. They had no success and believe he has returned Ohm via a short circuit.

(Note: unknown author)

K7LED Relay

WANDERING - When My Call Was W200TKV

By Fred Roberts - W6TKV

Back in late 1987, our country started a celebration of the *Bicentennial of the U.S. Constitution*, and this celebration occurred in a most unusual way ... with Amateur Radio's participation. Can you imagine being a part of a celebration that lasted for 52 weeks? Well, just picture one Ham from every state - that's 52 Hams - all lined up, and each one gets the chance to operate a special station for one whole week.

The "special station" was achieved for example, by having selected stations in Seattle change the "7" in their call signs to "200". And so for one whole week W7ABC became W200ABC, and could then operate for all of Seattle's assigned week. The major activity of course took place on weekends.

There were so many Hams in California who wanted to operate as a special event station, the "powers that be" elected to have all operations to take place in Sacramento, the California State Capital which turned out to be a 445 mile trip both in going and in returning home (it certainly shows that Hams will do a great deal in order to get what they want.). My friend supplied the motor home, and I provided the station, power supplies, antennas, cables, and food - so we embarked on our journey. It is especially interesting to drive into a city that you have only driven past on prior occasions. It's one thing driving into a city and finding a motel, but it's an entirely different search when you also need a place to put up antennas. Since we drove up on a Friday, we had time to look around and find a good spot.

We first found a company that had a marvelous yard that would be perfect for us, so we went into their building and asked to speak to their Manager. He was a very nice guy, and I explained what we were up to - and asked if we could set up on a small part of their yard. The Manager said he wished he could grant our request, but was unable to do so due to insurance and liability problems. He was very cordial and noted if it was within his authority, he certainly would grant our request.

With a little more searching, we found a Motel which had an enormous back yard, and it worked out extremely well for us. Our room also faced this back yard, and so we used as our power source. Fortunately, our cables were more than long enough. We also managed to put up two antennas, but spent most of our time on 20M.

Being in the California State Capital along with a number of other stations also operating "200" stations, we had several Hams stop by and visit us.

[Continued on Page 7]

September 2011

K7LED Relay

Wandering- W200TKV... [Cont'd from Page 6]

We both enjoyed getting to meet some of the local Hams in Sacramento. We operated for a total of 50 hours, and ended up 685 QSOs in the log. These contacts came from 45 States, 12 Countries, and 5 other W200 stations.

During our operations on Saturday, we suddenly heard, "There they are!" - and as most Hams know that is always the precursor for someone who is going to say, "What are you doing?" so you have about 5 seconds to plan your answer.

My response was, "We are operating an Amateur Radio station this weekend as a part of the Bicentennial Celebration of the U.S. Constitution, and we are out here so we do not bother your other guests." The lady's response was on the order of, "Well, be sure to stay out here."

We had a great time being W200TKV, and I did manage to work all states during the ensuing year long event. During this period, my XYL and I had to

go to Long Island in NY, so the question became "How can I continue to work these stations?" The plan I evolved was: 1) Have two of our daughters drive our car to Long Island. 2) My wife and I will fly to NY. 3) I will be able to work the new 200's while I am in NY which turned out to be true. 4) My daughters will fly home. 5) My wife and I will drive home which we did.

During our stay, a "200" station from Montana was due to be on, so all I had to do was walk out, get in the car, turn on the radio, and exchange reports ... and that's how you get 'em all.

Also, during our return journey through the middle of the country, I heard a station from China ... so I pulled over and had a short chat with a Ham in China. And, Ann (my XYL) is still impressed with talking to China from the middle of the country - bear in mind that event occurred 24 years ago. Now, is Ham radio great or what?

Well, the end of the story is that I have confirmed all "200" states and here is a picture of them all ... and it only took a little over a year.

Technician Licensing Class

Contributed by Michael McCoy N7VWD

Course Information

Seattle Red Cross, 1900 25th Avenue South, Seattle, WA 98144
Phone: (206) 720-5296 Fax: (206) 720-5395 www.seattlredcross.org

Amateur Radio Technician Licensing Course

- 1. The course starts September 16, 2011 at 7:00 PM and runs through September 18, 2011.**
- 2. The course is at the Seattle Red Cross, 1900 25th Ave. South, Seattle, WA 98144, room 130 – lower level**
- 3. The course is built to give you confidence in passing the licensing test and knowledge and competency in functioning as a radio amateur. The front end of the course is lecture and self-study and the backend of the course is facilitated self-study ending with the licensing test. The textbook contains all the possible questions that can be on the 35 question test and their answers.**
- 4. Prior to the first class you will need to obtain the textbook. Textbooks are available from places like www.arrl.org or www.amazon.com. We will not have any available for purchase at the class. The textbook for the Technician level is: *The ARRL Ham Radio License Manual 2nd Edition***
- 5. The class is free; however, should you want to take the licensing exam during the last class session you will need \$15 for the licensing test.**
- 6. Attendance is not required for every section of the class; however, if you wish to take the license examination with the class you must attend the last session at 6:00 PM on the 18th.**
- 7. You are not obligated to test with your class, should you not be able to make the test you may take it at another time or place. Check the arrl.org website for locations.**
- 8. What about commercially available flash cards, test software, and other textbooks? You can use whatever materials you wish, but only the textbooks listed above are required for the course.**
- 9. Class starts on Friday the 16th at 7:00 PM and runs to 9:30 PM. The Saturday session starts at 8:30 AM and runs until 4:00 PM. The Sunday session runs from 9:00 AM to 4:00 PM and then the testing begins at 6:00 PM.**
- 10. To register contact Kevin Kopp at 206 720-5296.**

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

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
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	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	Dave Smith, KB7PSN	kb7psn@yahoo.com	425-235-5095	6 meters and up; radios, antennas, modes

M&K-K7LED In-House Contest for October

By Michael Dinkelman N7WA

K7LED In-House Contest Rules:

- Only special event stations listed in the Relay will be worth points.
- Each QSO with a special event station is worth one, at least, point.
- Some of the special event stations each month will be worth bonus points.
- You can work a special event station with Voice, CW, and/or RTTY.
- QSO's with multiple modes is allowed and additional points can be earned for each mode.
- QSO's on multiple bands (same mode) will not count for additional points.
- A multiplier effect will be generated by working states. (Points earned by working special event stations multiplied by the total number of states worked in the contest will equal the total points.) A maximum of 50 multipliers (each unique State worked) is possible.
- Participants are encouraged to report their progress to me (N7WA) each month so I can include them in the Relay.

At the picnic I had a couple (new) members express surprise at the in-house contest we've been conducting and thought it was a novel idea. Maybe they'll join this month? Here are your special event stations for October 2011.

October	Station	Time	Pts	Mult
01-09	W5B	1000-2300Z	10	New Mexico (I think that's a new one)
	Albuquerque International Balloon Fest – 21.300, 14.260, 7.225			
01	WD4WDW	1400-2359Z	10	FL
	Walt Disney World 40 th Anniversary – 28.360, 14.260, 7.260 (I bet this one has a neat QSL card)			
08	W0UK	1400-1800Z	25	KS
	Transmitting from Nowhere on 20M (that's why the extra points – you gotta FIND 'em)			
14-16	K8B	1400-1500Z	10	OH
	Jamboree on the Air – 14.250 (might be a crowd here) If you find any other Jamboree's on the air (W6H, WB8BSA, W2S, etc) – 10 more points each plus the state as a multiplier if you don't already have it.			
22	Many	Varies	10	Many
	72 nd Anniversary of the Coast Guard Auxiliary (across the bands) Like the Jamboree, 10 points for any of the special event stations celebrating this event (i.e. W2K, N1A, K2G, K3G, N5O, etc)			
29	NC4AR	1400-1800Z	10	NC
	23 rd NASCAR Days Festival – 14.275, 7.210			

September 2011 M&K General Meeting Minutes

By Robert Grinnell KD7WNV, Secretary

Meeting held August 20, 2011 (at Gene Coulon Park, prior to Picnic)

Meeting was called to order at 1008 hours by the President, Ivy WA7IVY.

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.

Introductions

Officer Reports:

President – Ivy WA7IVY: Nothing to report beyond what was in her *Relay* article.

Secretary – Robert KD7WNV: Mail was picked up by the Treasurer. It was all for him.

Treasurer – Dave KB7PSN: As usual, see him if you have receipts for reimbursement, or need to pay your dues.

Activities Manager – Kathy KB7QMO: Not present.

Chairman of the Board – Tim K7ANE: Nothing to report.

Radio Officer – Hal N7NW: The repeater is working fine.

Quorum present.

Is there a motion to approve the minutes of the previous meeting as printed in the *K7LED Relay*?

Dave KB7PSN made a motion to approve the minutes; seconded by Scott AG7T. Motion passed.

Vice President – Steve KD7IQL: Membership applications: No applicants present.

Relay Editor – Gary KG7KU: Not present.

Webmaster – Jim KD7BAT: Not present.

Standing Committee Reports:

Strategic Planning – Mike N7WA: Nothing to report.

Facilities – Daniel KL7WM: Not present.

Education – Tim K7ANE: Snohomish is going to have a Tech class in the middle of September. Also, beginning in September, the Red Cross is conducting both Tech and General classes that will run several weeks. Details are in the *Relay*. This is International Lighthouse Weekend, and the West Seattle club is activating the Alki Lighthouse. They have extended an invitation to us, so if you would like to go down there and work some lighthouses around the world, you are welcome. Robert KD7WNV announced that ESCA RACES will be conducting simultaneous but separate Tech and General classes, Monday nights 7:00 – 9:00 PM for eight weeks beginning September 26th at Brier City Hall. Contact Dan Good at 425-776-3722 or dan@esca1.com to register.

Public Service – Robert KD7WNV: Nothing to report. Fran N7FWZ said we could use 3 more people for (Seattle's Fair) Anniversary 10K Run.

Technical – Steve KD7IQL: Alan: Nothing to report.

Other Committees (as appropriate)

VE Exams – Scott AG7T: We had 6 people take exams last month. Awarded 2 Technician, 3 General, and 1 Extra.

By Laws Review – Dave KB7PSN: Nothing to report.

Picnic – Hal N7NW: We're here, and there is plenty of food. We have the shelter until 1:30 PM; cleanup begins at 1:00.

K7LED Relay

Field Day – Ivy WA7IVY: Has submitted our report to ARRL and had published our point total in the *Relay*. Expressed thanks and awarded certificates of appreciation to persons integral to the Field Day effort: Scott AG7T (80m/10m/Digital Chair, and Safety Officer); Robert KD7WNV (20m Chair); Carolyn WV7Q (15m Chair), Steve KE7KRT (VHF/UHF Chair), Mike N7WA (CW Beach); George AE7G (GOTA Chair); Dick WA7NIW (Wagon Wheel Master); Alan KB7SVU (Tower Master); Rita KD7CNU(B&B Mom); and Andy KE7ZGR (Bonus Points Chair). In turn, Mike N7WA presented certificates of appreciation to Ivy and her Field Day co-chair, Richard N7MER. Ivy announced that there will be a work party tomorrow at 10:00 AM at the home of Alan KB7SVU, to sand & repaint the tower trailer.

Logo: Nothing to report.

In-house Contest: Nothing to report.

Old Business: None.

New Business: None.

Alligator Award – Dale AC7NP still holds the award.

Good of the Order:

Dick W7CTR announced that Highline ARC is holding their swap meet next weekend in Kent.

Robert KD7WNV offered a new, still-in-wrapper ARRL 2011 Handbook for sale at \$30.

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

The next Mike & Key General Membership meeting is the third Saturday, Sept 17, 2011.

Steve KD7IQL made a motion to close the meeting, seconded by Richard N7MER. The motion was passed. Meeting adjourned at 1027 hours.

5 guests; 41 members, 31 ARRL members

Attested: Robert Grinnell KD7WNV, Secretary

M&K Board Meeting Minutes

By Robert Grinnell, Secretary

Meeting held September 6, 2011

Officers present

President – Ivy Nelson-Groves (WA7IVY)

Vice President – Steve Cook (KD7IQL)

Secretary – Robert Grinnell (KD7WNV)

Treasurer – Dave Smith (KB7PSN)

Activities Manager – Kathy Martin (KB7QMO)

Radio Officer – Hal Goodell (N7NW)

Trustees present

No. 1 – Mike Dinkelman (N7WA)

No. 2 – George Thornton (AE7G)

No. 3 – Tim Kane (K7ANE) (CoB)

No. 4 – Alan Hughes (KB7SVU)

No. 5 – Daniel Stevens (KL7WM)

Other officers (non-voting)

Relay Editor – Gary Bryan (KG7KU)

Webmaster – Jim Etzwiler (KD7BAT)

Visitors

Michael Hansen, KG7MX

Chairman of the Board Tim K7ANE called the meeting to order at 1905 hours. **[Continued on Page 10]**

M&K Board Mtg Mins... [Continued from Page 9]

Minutes: A motion to approve the minutes of the previous board meeting was made by Ivy WA7IVY, seconded by Dave KB7PSN. Motion passed.

Officer Reports

- Chairman of the Board** – Tim K7ANE: Nothing to report.
- President** – Ivy WA7IVY: Nothing to report.
- Vice President** – Steve KD7IQL: Not present.
- Secretary** – Robert KD7WNV: The Treasurer picked up the mail; it was all financial in nature.
- Treasurer** – Dave KB7PSN: Distributed the budget status by email prior to the meeting. Noted a correction needed of a small error on an interest amount. It was a pretty regular month in terms of expenses. We did have a library expense, and the usual *Relay* expenses. Has received notice that one of our CDs rolled over. Indicated that Bank of America is changing their fee structure for business checking. They will let us keep the existing fee structure for twelve months, through October 12, 2012. New minimum balance would be \$3,000. He will research our options and bring back a report.
- Activities Manager** – Kathy KB7QMO: No commitment yet for a program for September. Jim N7MU has one possibility, but not sure yet. Jim has requested that we discuss possible alternatives, maybe a less formal time, to give members more chance to socialize. Scott Currie NS7C will present in October on computer and network security for the home and ham shack. Phil Bondurant WA7CWD will present in November on VLF antenna/guy wire inspection, and Mike N7WA will present in December on CW for Salmon Run.

If Scott is out of town, the others may be moved up. Two other persons have been asked to present this fall; neither has responded. Ivy WA7IVY, Mike N7WA and Tim K7ANE mentioned other possible speakers. Kathy requested that they forward their suggestions to Jim N7MU. There were no door prizes in August due to the picnic. Door prizes for September include some used bench paddles, an LED headlamp; LDG 1:1 balun; 18" 12v DC LED strip lighting, MFJ-281 speaker, Andrew Baze's *The Road Home*, and a homebrew J-pole modeled after the Arrow design. A Signalink USB & Wouxun dual band radio already purchased for year-end drawing. Kathy solicited other ideas. Tim suggested an Alinco DM-330MVT switching power supply.

- Radio Officer** – Hal N7NW: Not present.
- Relay Editor** – Gary KG7KU: Not present. Daniel KL7WM noted that he sent out an email that *Relay* submissions are due by this coming Friday.
- Webmaster** – Jim KD7BAT: Not present.

Standing Committee Reports

- Strategic Planning** – Mike N7WA: Nothing to report.
- Facilities** – Daniel KL7WM: Nothing to report.

Education – Tim K7ANE: Ivy: Renton is conducting a weekend Tech class September 24-25; contact the Renton Emergency Management Office, Mindy Mattson, K7MAM.

Public Service – George AE7G: Not present. Robert KD7WNV commented that things are winding down for the summer, though we do have the Bike MS this coming weekend, which is a pretty big affair now. However, it is already staffed by ESCA RACES, in conjunction with Gene Underwood, and some members of Radio Amateurs of Skagit County.

Technical – Alan KB7SVU: Not present.

Other Committee Reports

- By-Laws** – Dave KB7PSN: Nothing to report.
- Logo** – Jim N7MU: Not present.
- Picnic** – Hal N7NW: Dave: We had a quorum (just barely) at the Picnic. Signup for the location for next year opens January 3rd.
- Field Day** – Ivy WA7IVY: The day after the Picnic, we had a work party to sand and paint the antenna trailer. We sanded and primed the deck, upright metal work, and fenders. We need to put on a final coat. Ivy will consider possible scheduling of another work party. The bottom of the trailer needs to be sandblasted and recoated. That will have to be done by a commercial service. We don't have budget for it this year; maybe next year. We also need to reserve the State Park group camp at the first opportunity, on Monday, September 19.
- Flea Market** – Mike N7WA / Hal N7NW: There will be a meeting 2nd Tuesday in October, the 11th, to be confirmed.

Old Business

Mike N7WA will not be present for the September General meeting. We will need someone to open up and prep coffee and donuts. We also need to resupply coffee and napkins. Dave KB7PSN and Daniel KL7WM will coordinate to handle it. Tim K7ANE mentioned that he will also be absent from that meeting.

New Business

The Salvation Army sent a letter to the Club, requesting various assurances regarding the Club's insurance in relation to use of the facility. Dave KB7PSN will obtain such a document from the insurance company. Daniel KL7WM moved to have Jim K7BAT contact the Salvation Army to clarify the language regarding donation/rental rates, and liberalize the language about specific usage to include social meetings. Seconded by Ivy WA7IVY. Motion passed.

Good of the Order - None

There being no further business, Tim K7ANE adjourned the meeting at 2011 hours.

Attested: Robert Grinnell KD7WNV, Secretary

Wear the Mike & Key Club Logo

By Jim Aigner N7MU

Over the last few months you may have noticed the Mike and Key logo prominently displayed on fleece jackets and an assortment of shirts. Our logo was digitized in two sizes, a small version for the chest suitable for embroidery on the front of shirts, vests, and jackets and a large version for use on the back of sweatshirts, vests, and jackets.

You can buy new clothing with the club logo or have your own items embroidered by a vendor or do it yourself. There are a few vendors who have our logo and can do the work for you. You can find just about everything - shirts, vests, sweatshirts, and jackets in the online catalog: <http://www.sanmar.com>. Prices with the logo are about 10% less than catalog list prices.

If you have questions, see a Logo Committee member: Jim Aigner N7MU, Dawn Humphrey KC7YYB, or Dan Humphrey N7QHC. Let's continue to wear the Mike and Key logo proudly at club meetings, the summer picnic, and Field Day.

Pacific Northwest Hamfairs & Events

Source: PNW Hamfair webpage at <http://www.n7cfo.com/amradio/hf/hf.htm>.

(Used with Permission)

September 24, 2011. The First Annual Clark County Amateur Radio Club Hamfair. Vancouver, WA. <http://www.w7aia.org/>

September 24, 2011. Spokane Hamfest. University High School, 12420 E 32nd Ave, Spokane Valley WA 99216. This is an ARRL sanctioned event. For information contact Bob, AC7GP ac7gp@hotmail.com. Flyer, page 1 (84K) Flyer, Page 2 (54K)

September 24, 2011. Gallatin County Hamfest. Bozeman, Montana. This is an ARRL sanctioned event. Info,

mail@gallatinhamradio.com. <http://www.gallatinhamradio.com/>

October 1, 2011. SARA Fall Fleamarket. Southern Alberta Repeater Association. Calgary, AB

http://rac.eton.ca/events/detail.php?event_ID=1494

October 2, 2011. ComFest 2011. Delta Amateur Radio Society, South Delta Recreational Center, Delta BC.

comfest@deltaamateurradio.com <http://www.deltaamateurradio.com/main.html>

October 7-9, 2011. Pacific Northwest VHF Society Conference. Bend, Oregon. This is an ARRL sanctioned event.

<http://www.pnwvhfs.org/>

October 22, 2011. Swap-Tober-Fest. Mid-Valley ARES. Polk County Fairgrounds, Rickreall, OR. Contact: Don Brusch,

k7un@swaptoberfest.net. Flyer in PDF. (171K) <http://www.swaptoberfest.net>

November 6, 2011. Maple Ridge Swap Meet, Pitt Meadows, BC. http://rac.eton.ca/events/detail.php?event_ID=1491

Please email any comments, corrections, questions, etc. to [n7cfo \[at\] n7cfo.com](mailto:n7cfo[at]n7cfo.com)

[Statement as posted on the Website] N7CFO-Disclaimer: I do my best to keep up with scheduling changes on these events, but there is always the chance that one will be canceled or re-scheduled and I will not find out about it. I suggest that you verify all dates and locations with the sponsor.

HamRadioBooks.com - News Flash!!



The Road Home is now available at the Mike & Key library (as well as HRO, Universal Radio, and Amazon.com), and you can experience "the rest of the story", which includes the adventures of a few more characters, and additional radio and emergency preparedness details (non-fiction).

And whether you're only reading the shortened serial (latest installment following) or the longer book, I hope you love the story! And if you know any young adults or older who might be interested in learning more about amateur radio, emergency communications, and emergency preparedness, please feel free to recommend this book. Thanks! **73, Andrew Baze AB8L.**

On The Way Out!

Robbie walked into the clearing, where his father was waiting, just over the edge of the cliff on the other side. Even though the route from the truck was uphill, Robbie covered the distance faster this time than the first time, earlier in the day. He kept telling himself "Dad needs you — don't let him down! No whining. Push it all the way up the hill!" And he did. The lighter pack helped, but his injured, trapped father really depending on him. That gave him all the energy he needed.

"Dad! I'm back!" he called, as he walked toward the cliff and tried to catch his breath.

"Great. Nothing new down here," Jeff called from the ledge. "I'm ready to come up now! Can you see anywhere to tie the rope?"

"I'm looking around now."

[Continued on Page 12]

HamRadioBooks.com: On The Way Out!... [Continued from Page 11]

Robbie looked around and saw a large rock nearby. He could tell that it had fallen from the mountain above, during the earthquake because the ground around it was freshly disturbed. But would it hold his father's weight? He walked up to it, pushed on it from different sides, and it didn't budge. It looked like it would work. And either way, this would have to work. There was no other place to attach the rope.

"I've got a big rock up here that I can tie to, Dad. That looks like the only good option."

"OK, do it."

Robbie tied off the rope, using a figure eight knot, which his father taught him to tie last summer when they went rock climbing. He usually wasn't that good with knots, but this one stuck in his head because he had used it several times since then. He usually wasn't the perfect knot for this job, but he was certain it wouldn't slip, and right now that was most important. Robbie remembered one rock climber they had met who described the knot as "bomb-proof." That may have been a slight exaggeration, but it was a good description. "Earthquake-proof" would be good enough for now, Robbie thought to himself. Either way, it would work.

Robbie made the figure eight in the rope, walked the free end around the base of the large rock, and then fed that free end back through the figure eight. He tightened it up and made sure it looked right. It was a solid knot. Then he added two half-hitches with the remaining two feet of rope that he already fed through, just as if he was tying the rope into a climbing harness. This was a knot he would bet his life on. Double-bomb-proof, he told himself.

"Dad, I tied a figure eight on the rock up here, and I'm going to lower the rope." Robbie grabbed the rest of the coil of rope and scooted up to the edge of the cliff. He looked over and saw his father looking up.

"I'm ready — hand it down." Robbie dropped the rope over the edge into his father's open hands. "Oh wait — let's get this stuff up there now." Jeff packaged up the sleeping bag and mat. Robbie dropped down the end of the cord he'd used earlier, and a minute later he hauled the gear back up over the edge and placed it to one side.

"Now throw me the end of the cord again," Jeff said. "I need to tie a different knot."

Robbie dropped the cord down again. "What are you going to do with it?"

"Remember the Prusik knot?" Jeff asked? He quickly measured a piece of cord, cut it, and tied the short piece to the rope, fashioning a loop that angled out sideways, away from the rope. This was a unique knot. The loop would tighten and grip the rope firmly when weight was placed in it, but when the weight was removed, the loop would loosen its grip and could slide farther up or down the rope. This knot would allow Jeff to stand on the rope with one foot, sliding that foot up as he progressed. It was an effective, movable foot-hold.

Robbie remembered tying the knot a couple times last summer, but knew he wouldn't have been able to tie it now without some help. He was glad his dad remembered. He'd have to practice that knot again when they got home. *If* they got home, he thought grimly.

"OK, I'm going to tie the end of the rope to this small rock, to help keep the rest of the rope from coming along as I pull the Prusik knot up. We'll still be able to pull the rope up later." Jeff tied the rope to a small, foot-long chunk of rock resting on the ledge nearby. Then he said "OK, here I come. Give me some space when I get to the top."

Jeff put his foot in the Prusik loop, then stood up on the loop, pulling himself up with his arms at the same time. He let his right foot hang behind him; he didn't want to injure it further. He stood with his weight on his left foot in the loop, and reached higher with his hands. He held on tightly, shook his left foot gently until the loop loosened its hold on the rope, and slowly pulled the loop upward along the rope by lifting his left foot. The rock tied to the end of the rope served its purpose, keeping some tension on the rope, which allowed Jeff to pull the loop up without pulling the rest of the rope up, too.

Having moved up about two feet, Jeff was once again able to put his weight on his left foot, as the loop gripped the rope. Jeff repeated these movements until he was up to the edge of the cliff.

"Just a little farther Dad!"

Jeff pulled himself up to the lip of the cliff, then pulled himself over. He winced in pain as he pulled his right leg over and bumped his foot on a protruding rock. Then he lay on the ground, panting.

"Welcome back, Dad," Robbie said. Seeing his father in front of him was an incredible relief.

Jeff sat up, still breathing hard, and smiled. "I'm glad to be back."

Very carefully, Jeff stood up, gingerly balancing on his left foot. Robbie couldn't resist. He stepped forward and hugged him, squeezing hard. He could feel tears in his eyes, and he did his best to hold them back.

"I was worried, Dad."

"I was too, son."

"I'm still worried about Mom and Lisa."

"I am too. Let's figure out how I'm going to walk, and then let's get out of here. We're going to have a busy afternoon."

"Maybe you should sit and rest for a minute."

Jeff looked surprised. "You're right. I should." He paused for a moment. "I'm not used to you giving me orders," he said, grinning.

"Well, maybe I'm in charge now," Robbie said, grinning back.

[Continued on Page 13]

HamRadioBooks.com: On The Way Out!... [Continued from Page 12]

Robbie quickly pulled up the rest of the rope and untied the rock. He untied the loop his father had used as a foothold, put it to the side, and started coiling up the rope.

"We need to find a crutch," Jeff said. "Otherwise, I don't think I'll be able to walk down. And I know I can't hop all the way down."

"Let me look," Robbie said. He finished coiling up the rope and set it next to his pack. Then he scoured the area until he found a six-foot-long branch that had a smaller branch forking off near one end. He dragged it back to Jeff. "How about this?"

"That'll work," Jeff said. Jeff stood up and balanced as he measured the level of his armpit and compared it to the height of the fork in the stick. It was about two feet too long. He took his Leatherman tool out of its belt sheath and opened the small, sharp saw blade. In less than a minute, he had sawed through the end of the stick at an angle, so it would have a sharp end and would be less likely to slip going down the trail. Then he sawed off most of the protruding side branch, creating a "Y" at the top.

"Grab me that piece of 550 cord I used earlier," Jeff said. Robbie retrieved it. Jeff used the knife blade on his Leatherman tool to cut the cord into two sections. Then he took Robbie's fleece jacket, rolled it up, and tied it into the top of the "Y" with the two lengths of cord. He slowly stood up and rested his weight on the improvised pad, testing his new crutch.

"This will work. Let's go," Jeff said.

Robbie finished packing the remaining gear into his backpack. "OK Dad, ready."

They started down the trail.

Five minutes later, as they slowly worked their way down the mountain, both of them were surprised as their radios simultaneously squawked.

"This is the emergency broadcast system. This is not a test. Washington's Governor, Arthur Masterson, has declared a state of emergency, and has requested immediate assistance from the National Guard as well as FEMA, the Federal Emergency Management Administration, to help with emergency rescue operations in the region. Widespread power outages and roadways blocked by gridlocked traffic or debris have hampered rescue efforts. Residents are advised to turn off their natural gas at the meter, and to stay in their homes, as long as their homes are undamaged and no gas is leaking. Red Cross rescue shelters are being set up. There are scattered reports of looting in some areas of Seattle. If you see any looters, leave the area immediately. More information will follow shortly."

They continued walking. "Wow. They're looting already," Jeff said. "That was pretty quick. You should turn off your radio to save the battery. We only need one turned on at a time now."

Robbie turned off his radio and stopped for a moment to put it back in his pack. He didn't say anything. He was getting tired, but even more than being tired, he was worried about his mother and sister. He wondered if there were any looters in his neighborhood, and if the house was even still standing.

Jeff looked at Robbie as they continued walking. He could tell that Robbie was worried. "Don't worry, Robbie. Mom and Lisa can take care of themselves. Your mother is tough and smart, and our house is sturdy. They'll be OK."

Robbie worried anyway. As they continued to walk, Robbie took a moment to pray silently, "God, please take care of my mother and sister." He didn't know what else to say, and left it at that. He could feel tears welling up in his eyes again, and this time he just let them leak out as he walked. It didn't last too long, and he felt a little bit better. He wiped his face and looked to the side. His father's eyes appeared to be damp. Jeff glanced over at Robbie, and it was clear that he had tears in his eyes too. Neither of them said a word. There was no need to. They continued walking.

A couple minutes later, Jeff handed his radio to Robbie. "I can't use this thing and use my crutch at the same time. Can you scan the AM and FM stations to see what else we can hear?"

Robbie switched the radio to the AM band, and started scanning. Occasional static came out of the small speaker, but nothing else. He switched to FM and continued scanning. Eventually the radio locked onto a radio station out of Eastern Washington.

"There are reports of a major earthquake in the Seattle area, at least 7.6 on the Richter scale. The governor has declared a state of emergency. Many of the roadways into and out of the city are blocked, the power is out for millions of residents, and emergency services are overwhelmed..."

Jeff and Robbie listened as they walked. There was no new news, only what they'd heard already. It was really bad, and they needed to get back home as soon as possible. Robbie tried finding another station, but reception was poor. The most powerful radio stations in the area probably didn't function any more due to the earthquake. Eventually, Robbie stopped trying to find any other stations and left the radio on the frequency they'd heard earlier.

The trip back to the truck was slow because Jeff needed to use the crutch carefully. He eventually got into a good rhythm, and about an hour and a half later, they reached the end of the trail. They came out into the open area and saw the parking lot. Their truck sat there, untouched since Robbie had been there only a little while ago. Jeff opened the doors and Robbie loaded up their bags and the rope. They started to get into the truck to leave, when Jeff stopped and looked at Robbie with a thoughtful expression on his face.

"Robbie, we have a small problem. I should have thought of this earlier. I don't think I'll be able to drive..."



Hamming and Scouting

By Tim Kane K7ANE

Where'd you first learn Morse Code? Chances are it was either in the Military or in your Boy Scout troop. I'm guessing, but I'll bet more of us learned in the Scouts than in the Army or Navy.

Did you earn your Radio merit badge while climbing the ladder towards Eagle Scout? Been an adult Scout leader or merit badge counselor? Have kids or grandkids in Girl Scouts or Boy Scouts?

The ARRL has partnered with the Boy Scouts of America (BSA) to continue and expand their cooperation to promote amateur radio within the scouting program. They are also working on a similar agreement with the Girl Scouts, in this, their 100th anniversary year.

ARRL hopes that by planting and nurturing the seeds of amateur radio with Scouts it will lead to a new and continuing crop of new

active hams for years to come. They'll join the hobby the same way many of us did.

And, ham radio fits closely into the foundation tenets of scouting – service and preparedness. Scout-hams can become integral participants in public service events, in situations and emergencies requiring ham communications support.



A Scout and leader at the ham station at the Boy Scout Jamboree in Virginia.

Working with ham clubs the ARRL is encouraging hams to initiate, expand and revitalize relationships and programs with scout councils and troops in their area.

The largest scheduled international Scouting event each year, by far, is the "Jamboree on the Air" (JOTA), participated in by Boy Scouts, Girl Scouts, Girl Guides and Cub Scouts from around the world.

JOTA is an on-the-air contest where Scouts try to contact as many other Scout stations as possible. It is held each year in October. Last year over 700,000 Scouts participated from over 6,000 ham stations around the world.

This year the 54th JOTA will be on 15 and 16 October.

Some Mike and Key members already participate in JOTA, others are Scout leaders or merit badge counselors. We had a Scout troop join us at Fort Flagler for Field Day this year. ***While there one Scout completed the requirements for his Radio merit badge.***



Philippine Girl Scouts on the air

Are there any members who'd like to set up a JOTA station for Scouts in our area? How else could Mike & Key and our members contribute to this ARRL-Scout initiative? What else could we do?

This could be a great on-going public service project for the club. What are your thoughts, ideas?





'Toku' – AD7JA

M&K-K7LED Club Library

New Library Materials

By Tim Kane – K7ANE



If you drop by the club library at Toku's (AD7JA) TV repair shop in Skyway in the coming weeks or stop by the library table at the September general meeting you'll find five new books. (We'll have them in August, but they won't be at the club picnic.) The books were selected based on the preference survey we held at the general meeting a couple months back, plus input from the board and others.

The nice weather and the impulse to get outdoors seems to have influenced the results. Antennas are clearly the number one interest of club members at present, as reflected in the fact that three of the five new acquisitions relate to this key outdoor element of our stations. The other two publications focus on mobile amateur operations, by car, boat, and even airplane.

Based on what you told us the new books include:

- ***Stealth Antennas, 1st Edition, 2010***
- ***Amateur Radio on the Move, 1st Edition, 2005***
- ***GPS and Amateur Radio, 2007***
- ***ARRL Guide to Antenna Tuners, 1st Edition, 2010***
- ***Small Antennas for Small Spaces, 1st Edition, 2011***

If you don't see a book on your primary interest, don't worry. We'll put in another order or two later in the year, working from the survey, and member input. Let me know if there's something you'd like to see the club acquire, that's not already on the list.

In the meantime, take a look at the new books at the library at Skyway TV & Radio Service, 11818 Renton Avenue South, Seattle. Enjoy some of the benefits of your membership, expand your knowledge, or just have a nice summertime read.

2011 -- Ham Nets & Events -- SEPTEMBER / OCTOBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
11 1700 – NWWA-LDS Net 147.34 (Weekly) 2000 – King Co. ARES Net 147.08 (Weekly) 2015 – Kids Net 145.49 (Weekly) 2200 – NW Astronomy Net 145.33 (Weekly)	12 0545 & 1645 – Weather Net 145.33 (M-F) 1700 – Evergreen State Traffic System Net 145.19 (Daily) 1830 – WA Emerg. HF Net-ARES 3.985 (Weekly)	13 2000 – Seattle Red Cross Comm Team Net (incl. 'Elmer's Corner') 147.080 (Weekly) 2000 – Snohomish Co. ACS/RACES Net 146.92 (Weekly)	14 2000 – Evergreen Interie Gen/Tech Info Net – 145.33 (Weekly) 2000 – Educational Radio Net – PSRG 146.96 (Weekly) 2100 – NWSOAR Net 146.82 (Weekly)	15 1900 – M&K Public Service Net 146.82 (Weekly) 2000 – Computer & Packet Net 145.33 (Weekly)	16	17 1000–M&K Club Meeting, Renton 1230– M&K Ham Radio Exams, Renton. Scott- ag7i@carrl.net
18	19 1900 – Seattle ACS Net 146.90 (Weekly) 1930 – PSRG Net 146.96 (Weekly) 2000 –YL Net 145.33 (Wkly)	20	21	22	23	24 0900 – WA State Emerg. Net (WSEN) ARES HF Net 3.985 (Weekly) Parade- Autumn Leaf Festival, Leavenworth hamstgnrup@seafairparade marshals.com
25	26	27	28	29	30	01 – OCTOBER – Parade- Salmon Days Festival, Issaquah hamstgnrup@seafairparade marshals.com
02	03	04 M&K Board Mtg Salvation Army Bldg Renton, 7pm	05	06	07 Relay Articles Due – 23:59:59	08
09	10	11 M&K Flea Mkt Meeting Dinkelman Residence, 7pm	12	13	14	15 1000–M&K Club Meeting, Renton 1230– M&K Ham Radio Exams, Renton. Scott- ag7i@carrl.net