



From our Club President...

Next Up... Field Day Preparations

By Ivy Nelson-Groves WA7IVY

Wow, it has been a busy month for the club, what with Elections and the Awards Banquet. First I want to congratulate our new Pop Brown Award winner, **Dick Radford WA7NIW**, and our new Ken Jackson Award winner, **Daniel Stevens KL7WM**, as well as our Flea Market MVP **Annie Rosello**, (and especially close to my heart) the Field Day MVP **Jim Etzwiler KD7BAT**.

Special awards went to **Mike Dinkelman N7WA** and **Hal Goodell N7NW** for all the behind the scenes work they do to make the club run smoothly. Thank you all for your service to the club. You all richly deserve recognition for the wonderful things you do!

Congratulations to our new/old Board members on their (re-)/election. **Kathy Martin KB7QMO** is our new Activities Manager, and I'm sure Kathy will do a great job, although Jim N7MU was a tough act to follow. Again, I am shocked that you actually elected me to the president's office. I thank you and hope that I do a good job.

I've enjoyed this past year, even with the challenges, and hope this upcoming year will be even better! I believe it is traditional for a president in their second term to seek out locations for their presidential library... I'm thinking a bookshelf in the corner of a Starbucks in east Renton might work for me.

Well, our next big Club activity is (drum-roll, please)... Field Day! Just over two months from now, we will descend upon Fort Flagler, towers-a-blazin', for this annual event. Most positions have been filled for the Band Chairs and Support Chairs for the event, with the exception of our Food Chair - arguably the most popular person at Field Day because they are in charge of the Friday night Pot Luck dinner.

If you are interested, please let either Richard or me know as soon as you can. Field Day planning is gearing up fast. We will have the Field Day program at our monthly meeting in June, so it's about time to dust off the camping gear and hard hats... if/when the rain stops, that is!

See you on the 16th.

M&K Annual Awards Banquet Recap

By Michael Dinkelman N7WA

It was a good night to be inside and about 53 of us gathered at HD Hotspurs in Kent on April 2nd to have some fun, remember a few folks no longer with us, and to hand out a few awards.

Tributes were made to the following **Silent Keys: Frank Vyborney KF7TX, Arnold Larson W7JMP, and Tressie Hughes KC7BAL**. While it's always a solemn part of the event, it's important to remember our fellow, silent, members.

Pete Hedberg K7WTG and **Chuck Stroehrer WA7EBH** did the **Club History**, expanding a bit into what radio was actually like back in the early 70's.

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The *K7LED Relay*, published monthly, is the official newsletter of the Mike & Key Amateur Radio Club. Mike & Key ARC is an ARRL-affiliated club dedicated to the growth and betterment of Amateur Radio.

The club meets at 10 A.M. the third Saturday of every month at Salvation Army Headquarters, 720 S. Tobin Street, in Renton (near the southeast corner of Renton Airport). Anyone interested in Amateur Radio is invited to participate in the Mike & Key ARC and its activities. Annual dues are \$12 for individuals and \$18 for families.



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

M&K April Meeting & Activities

By Jim Aigner N7MU

(for Kathy Martin KB7QMO, Activity Chair)

Kathy is out of town for Spring Break and asked me to submit an article this month. Now that new club officers have been elected, it's time to get on with other important seasonal business like operating, contesting, and Field Day.

Near Vertical Incident Skywave (NVIS) propagation is critical to close-in communication on the lower HF bands. Local ARES groups, for example, use NVIS antennas to establish reliable communications with Camp Murray on 75m and 40m during 5th Saturday training exercises. Stick around for this month's program on NVIS presented by Scott Robinson AG7T. Scott brings lots of radio experience to his presentations, bases them on the best research, and always has new wrinkles to share. I guarantee you will enjoy it.

To get us warmed up for Field Day operations, the May program will feature a panel discussion on contesting. Ivy Nelson-Groves WA7IVY is rounding up local experts to answer questions about amateur radio contests and to offer suggestions about how to be more competitive. Ivy recommends this session for new testers and for club members who have not participated in Field Day. There are other interesting program plans for the future including Digital Modes, Power Backup Systems for Home and Mobile Stations, and Antique Radios. Stay tuned.

Here's the line-up for this month's door prizes:

- Fleece vest with Mike and Key logo on front and back, large size
- TenTec 1056 Direct Conversion Any Band CW/SSB receiver kit with enclosure
- Benzomatic Micro Torch kit with butane fuel, a portable soldering tool with an assortment of tips handy for outdoor wire antenna work
- Genius scrolling LED badge, 6 message memories, programmable by PC
- Small RAM mobile device mounting accessory
- 200' of 3" barricade Caution tape for your Go kit or Field Day antenna installation
- and a pair of Yaesu caps and logbooks.



M&K Awards Banquet Recap... [Cont'd from Pg 1]

The program for the evening consisted of two video presentations. One was video shot during the Club's 25th Awards banquet and included many comments from Club members who are no longer with us as well as some others still sitting in the audience 15 years later (nice mullet Dean!). The second video was a produce by Ivy WA7IVY and was a tribute to our 2010 Field Day efforts. I expect we may see that one in June - if not before - at the Club meeting.

Up next were the special awards. Ivy presented certificates to her helpers at Field Day. Dave KB7PSN presented some unique bottles of root beer with the Club logo to those who helped him out with the Treasury during the Fleamarket. Then, of course, there were a few gag gifts.

Finally, the real awards were presented. The Service awards (including our first 40 year awards) were reported in another article. The **Field Day MVP** award went to **Jim KD7BAT**. The **Fleamarket MVP** Award went to **Annie Rosello**. A special **Award of Appreciation** went to **Toku AD7JA** for his work with the Club Library. Two awards for "**Continuous Exemplary Service**" were given to **Hal N7NW** and **Mike N7WA**. The **Ken Jackson Award** was presented to **Daniel KL7WM** for his exemplary mentoring efforts. Finally, the **Pop Brown Award** was presented to **Dick WA7NIW** (who actually showed up this year).

I think it was a successful banquet and fun was had by all.

M&K-FM'11: Registration Report

By Diane Dinkelman KB7DNE

The Fleamarket was sold out this year, although we always get a few no shows. I heard many favorable comments from our customers during load out this year. They always appreciate the effort of the Club in putting on a great show. Mostly, they say it is well run.

I'd like to give my Registration crew a lot of the credit for a job well done. They are a great crew and know just exactly what to do. Jim Christiansen K7ND at the pallet gate, Jim Etwiler KD7BAT, Rusty Etwiler, Sally Martin at Registration, Wayne Moddison K6DOW and Teresa AD7CT at the Gold Gate, Corrine Peele at the Orange Gate, Susan Fleming our Go-Cart runner, and of course Mike N7WA my trouble-shooter. Jess Vaughn was on sick leave from school and managed to help at Registration this year also.

I had two new people this year that helped out and hopefully will come back next year. Kathleen Weiss KF7MUD helped Corrine for the first hour at the Orange Gate and then we broke her in at Registration. Vandy Eam N7EAM was a big help at the Gold Gate. Everyone can also cover all the other jobs as needed. Load out went smooth and we got everyone out in good time. We had a great Chinese Dinner afterward, thanks to Hal Goodell N7NW. [Continued on Page 4]

FM'11:Registration Report... [Cont'd from Pg 3]

It was another great year and I'm looking forward to the next (but not too soon).

Here are some written comments from our customers:

Dale Boggs KK7MJ – *“Well the ‘Puyallup’ is the high point for me Hamfest-wise. Look forward to it all year.”*

Peter DeNeef, AE7PD – *“What a great Show yesterday! Congratulations on the fine turnout and organization.”*

John Sehring WB0EQ/VE6 – *“It’s a two day drive for me I’ve attended many times, one of the best Hamfests on the West coast.”*

Roger Deane KD6CNX – *“Great as usual.”*

David Burgess N7IQQ – *“Well run as always.”*

Craig Davis KE7MPM – *“Great event, we really liked our location.”*

Bill Balzarini KL7BB – *“Great Show.”*

Vin Osterberg. No Call – *“Good Show!”*

Two Events In May

By Michael Dinkelman N7WA

But this is the April Relay? True, but both of these events will occur before the next Relay comes out.

The first event to remember is the 7th District QSO Party. For several years, I have opened up my station to Club members and we have entered K7LED into this test. The idea is to get the Club call sign on the air (besides Field Day) and to provide a chance for members to get on HF from a fairly potent station. Usually, the Club members do the SSB contacts and I do CW when nobody else is around (though others are welcome to give it a try). Of course, you are certainly encouraged to try the test out from your home station and call if you want.

You can find out for information about the test at <http://www.codxc.org>. For the K7LED operation, my station is available from 6AM to 6PM on May 7th. In this test, all stations in the FCC 7th District are the “DX” with the rest of world looking to work us.

This year, I will be taking **firm** reservations for operating in one hour blocks. (You can sign up by sending me email at n7wa@arri.net.) If you sign up for a block, it's your hour unless you give it up. Others are welcome to watch, listen in, and kibitz. If you do sign up for an hour, somebody else will have first dibs on the next hour. If it's open, you can keep on rolling if nobody else is waiting. If you want to just take a chance and drop by, that's ok too – usually there is free space during most of the day. However, if someone has reserved that hour, you play second fiddle. You can find my address on QRZ.com.

The past several years, we have won the Multi-Single Low Power category in this test. I am hoping we have another good year. By the way, a license is not required. You'll just operate under third party rules with me as the control operator if you have no license or you have one that doesn't have HF privileges.

Event number two is the Postal Food Drive. It occurs the second Saturday in May (14th) and is a national event. The Salvation Army participates in this event and needs workers to help “palletize” the food. This usually involves sorting and packing the food into plastic milk carriers; then stacking them onto pallets. There are a number of organizations that provide workers in this effort and it does take a fair number of people. Heavy lifting is not required. Last year, I think we worked from about 2PM to about 7PM but even an hour or two would be helpful. This event occurs at the Salvation Army's food bank near the Renton High School and by the Renton airport. As we get closer, I expect Jim KD7BAT will post more up-to-date info on the Club reflector so stay tuned.

M&K FD'11: Mom Says... B & B

By Rita Danielson KD7CNU

Well, it's that time of year again. Field Day is just around the corner. Time to start making and finalizing those plans. I've made a 'Mom' decision regarding the name of the Camp Wilson Barracks. For one week-end a year it will be known as **'The Mike & Key Bed & Breakfast.'**

I think that has a much more welcoming name than the barracks, don't you?

Do we have to get Board approval for this?

I'm hoping we'll have a great year this year. We'll be missing a couple of our 'family' members, though. Our beading trio is now the beading duo with the passing of Tressie. I'll certainly miss her this year. And the other is the Barracks Brat. Rachele decided since she's now a married woman, she'd better stay at the wagon wheel with her groom. Our loss, their gain. But I'm sure she'll pop in and say 'hi' just to keep the jokes between her and Larry going.

As in the last couple of years, we will again have the reservation/deposit system. It has worked very well and I've been able to return each deposit. So, the deposit will be ten dollars per person per night. We have the B&B Thursday afternoon thru Sunday morning. If you want to stay Thursday through Saturday it will be \$30.00 per person. It will be first paid, first in. You can notify me via email or at the meetings. I work during the day, so please do not call me during the day. If you want to email me then mail me your check that will be great. Please make your check payable to M&K ARC. Do not make it out to me unless you want to give me a tip.

As always, I will supply and cook breakfast for those in the barracks. This is NOT funded by the club. You will provide your own lunch and of course the evening meal will be the fantabulous potluck.

I'll have more in other newsletters as we get closer to the event. Just wanted to let you all know, I haven't fallen off the face of the earth. I will be at the April, May and June meetings to answer any questions you

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April 2011

K7LED Relay

FD'11: Mom Says B&B... [Cont'd from Page 4]

may have regarding Field Day and the newly named Bed & Breakfast. (I really like that) So until next weekend, 73's and 88's Rita KD7CNU-Chief cook & bottle washer, aka MOM.

Gamatoad24@comcast.net

425-359-3764

Rita Danielson

9311 11th Ave W

Everett, WA 98204

Mike & Key ARC – Service Awards

By Michael Dinkelman N7WA

These Club members have reached the following milestones in their service to the Club and were recognized at the Club Awards banquet. Certificates not picked up at one of the next couple Club meetings will be mailed.

Forty Years of Service:

Pete Hedberg	K7WTG	Oct-70
Charles Stroehrer	WA7EBH	Oct-70
John Rehnstrom	WA7HQG	Jan-71

Thirty-Five Years of Service:

Jimmy Sutton	K7NQ	Jul-75
Michelle Cross	WB7AYU	Aug-75

Thirty Years of Service:

Jack Burrell	N7ZS	Sep-80
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Twenty-Five Years of Service:

Michael Dinkelman	N7WA	May-85
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Twenty Years of Service:

Jean Swiney	KB7CLF	Apr-90
Michael Hansen	KG7MX	Jan-91
Mike Hansen	AC7UR	Jan-91
Sandra Dunkel	K7OZY	Feb-91
Dan Humphrey	N7QHC	Mar-91

Fifteen Years of Service:

David Lee	KC7FSR	Jul-95
Robert Schweitzer	WB7QNB	Sep-95
Fred Roberts	W6TKV	Nov-95
Adrian Roth	KB7BVL	Feb-96
Paul Roth	N7DOH	Feb-96

Ten Years of Service:

Steven Cook	KD7IQL	Aug-00
Scott Robinson	AG7T	Sep-00
Charles Sundberg	KD7KFY	Sep-00
Sylvia Burns	KD7BMD	Oct-00
David Mitchell	WA7DTM	Oct-00
Greg Pietrucha	W7HRC	Oct-00
Dick Radford	WA7NIW	Nov-00
Mark Whitaker	KD7KUN	Jan-01

Five Years of Service:

Wayne Means	K17XA	May-05
Jim Aigner	N7MU	Aug-05
Paul Gilmore	N7DIP	Aug-05
Kenneth Roger	AD7II	Aug-05

Celebrate our April Members!

By Dave Smith KB7PSN, Treasurer

As of April 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:*

Jan Hart	WA7HWX	39 Years
Tim Schneebeck	K7QMI	34 Years
Carolyn Pasquier	WV7Q	24 Years
Earl Swiney	WZ7H	23 Years
Jean Swiney	KB7CLF	21 Years
Ryan Martin	N7TNI	19 Years
Darla Harris	KC7SIT	15 Years
Gary Bryan	KG7KU	10 Years
Mitchell Gill	NA7US	10 Years
Tyler Gill	KD7MJO	10 Years
Stephen Luke	KB7FGV	8 Years
Joyce Baskett	KA7VXN	7 Years
Michelle Baskett	WA7PVE	7 Years
Douglas Johnson	KD7RIK	7 Years
Mark Sandler	K7MAS	5 Years
Philip Sheridan, III	KE7HAV	5 Years
David Greene	KE7RDD	3 Years
Frank Qualls	AB7HA	3 Years
Dick Bohannon	W7CTR	2 Years
Brett Humphrey	KBOHMP	2 Years
Tom Stevens	KE7ZMJ	2 Years
Ken Klettke	KE7RCY	1 Year
Gene Underwood	W7AKA	1 Year

Membership Statistics – April 2011

By David Smith, KB7PSN, Treasurer

The following membership statistics come out of the latest membership roster. We have 229 active members:

- 20 members have been with the club 25 years or more. These members we identify as Life Members.
- 81 members have Extra Class; 10 have Advanced Class; 67 General; 6 Technician Plus; 57 Technician. There are 8 members with no call.
- The average membership duration for the club members is 10.8 years.
- On the member's Anniversary month, at least 13 of us celebrate their Anniversary with the club.
- 61 members are Family members, related to each other.
- We have one member who hails in Japan, visiting us occasionally. The other members reside within one of seven US states with most of us here within the State of Washington.

Ken Jackson Award Spotlight

Contributed by Scott Robinson AG7T

[Forward: When I was awarded the "Ken Jackson" for the 2003 club year, I remember an article written by Carolyn WV7Q that made quite an impression on me. The award committee gave out the "Ken Jackson" this year to Daniel Stevens KL7WM. I thought that we could use a refresher on Ken from someone that knew him so here is that article. 73, Scott AG7T]

Ken: A Premier Elmer and Diplomat

Carolyn Pasquier / WV7Q

The Ken Jackson Award was first presented in 1999, shortly after Ken's (K7PZX) death. This award recognizes the club member who has excelled in ham radio educational and elmering activities. Ken was one of the founding members of this club. Each year at the Awards Banquet, we reminisce about how the young hams who were the first members discovered girls and cars, causing the club to fold for a few years. It was Ken who rescued and kept the original club records.

Ken was a technical guy who was always willing to patiently share. With Ken, there were no stupid questions. If you were interested in any aspect of ham radio, he would explain it in as many ways as necessary.

Ken was a great promoter of radio activity. Anything that benefited the hobby was worth his time. I first met Ken in the late 1980s at my first Mike & Key Field Day. I was on a team of two women and three kids trying to set up the novice station for 10 meters. At that time, only Novices, Techs and non-hams could assemble that station. Ken happened by and took pity on us. He instructed us on the fine art of antenna assembly and tower raising, but he couldn't touch anything. Whenever Ken introduced me to anyone, he always told the story of how we met at that Field Day. He was such a gentleman and the whole experience left quite an impression on him. Years later, he was still stunned at watching the five of us hoisting that tower and antenna, while all he could do was watch.

Each of the four times I ran for club president and lost, Ken encouraged me to try again. "A woman can be president of the Mike and Key," he'd say. "You just need to run until they know you're serious." When I finally became president (on my fifth try), it just happened to be the year of the club's 25th anniversary. Ken spent many hours telling me stories about our history and helping me locate our founding members. Just as Ken had kept the original club papers so we could reorganize in 1970, he had the 25-year-old rosters, and even the original ones so we could locate our founders for the celebration.

We laughed a lot. I learned wonderful terms like, "Gonset Goodie Box," "Peeker Tweeker," "Motorola Brick," "Modulated Water Closet," and "Holy Toledo, here comes Ken!"

Ken had a Unique Diplomatic Approach. He wanted everyone to get along. Whenever Ken detected a disagreement, he would find a way to become the most controversial part of the debate. By setting himself up as the common enemy, he would cause the disagreeing parties to become allies and usually friends. Somehow, he managed to become a better friend to both. Ken was always a major part of our Flea Market. Ken loved to meet new people. He always did the early morning talk-in.

Ken has left his mark on our activities. He was always there, and always will be, in one form or another.

K7PZX, 88, WV7Q.

'Twas The Day Before Fleamarket

By Freddie Footsore WA7FF

*'Twas the day before flea market
The hall near empty, yet echoed with bustling,
And one by one the workers came in,
looking for tasks and diving right in.*

*Mike was busy guiding and helping.
Hal was busy consulting his map.
The tape team was bustling and busy.
Sticking the tape, across the floor.*

*Many a table was strewn round the room.
Waiting for workers to put in their rows.
Then row by row they littered the floor.
Dawn was real busy as she put on the tags.*

*From around the room, rose a clatter of chairs,
Destined for tables, two by two.
Clatter and clank, they spread round the room,
As chaos faded and order appeared*

*Corner to corner the phones would go
The phone team got busy with wires entangled,
guiding and stringing, wall to wall.
Wires were strung from ceiling to floor.*

*Gil was so busy plugging and punching.
Phones were placed from the store to the door.
Here a phone there a phone, waiting for test.
Pretty darn soon little they would allow to talk.*

*Tables aligned, phones all plugged in.
The hall came alive, as vendors arrived.
The crew grew restive and was a bit hungry,
Waiting and waiting for lunch to arrive.*

*Yet heard from afar, vendors were waiting.
To clamor right in from the back gate.
Then it was time, let 'em on in.
One by one they unloaded their stuff.*

*With pallets all piled with gobs of gear.
The pallet crew got pretty busy,
Trudging the pallets, table by table.
And little by little, the tables were filled.*

*At the end of the day the folks were all weary.
Then little by little the folks left for their homes.
To return on the morrow and tend to the crowd.
Happy setup to all, and to all a good-night.*

[Ed.Note— Freddie Footsore WA7FF is a fictional character. Actual author David Mitchell WA7DTM.]

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 May

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 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.

In the continuing saga of the Mike & Key year log in-house contest, here are your special event stations for May 2011. With the uptick in 10M propagation, that might be a good band to try this month.

May	Station	Time	Pts	Mult
01-02	GM4TOE	0800-1600Z	20pts	Scotland – mult
	<i>Speyside Whiskey Festival – 3.660 7.065 14.290</i>			
01-14	W7B	0000Z-0000Z	5pts	MT – mult
	<i>World's Oldest Living Man Special Event – 28.405 21.350 14.245 7.230</i>			
05	KA1SKY	1400Z-2100Z	10pts	NH – mult
	<i>50th Anniversary of Alan Shepard's First Manned Space Flight – 28.400 21.300 14.250</i>			
07-10	W7G	1600Z-0000Z	5pts	UT – mult
	<i>1869 Transcontinental Rail Road Golden Spike Commemorative – 14.250 21.280 25.500 50.350</i>			
14-15	TM90LH	1400 – 2100Z	20pts	France – mult
	<i>90th Anniversary of the Radio Club Le Havre – 14.290 7.090 3.690 14.070(PSK)</i>			
18-22	W7AIA	2100Z-2300Z	15pts	WA – mult
	<i>Mt St Helen QSO Party – 14.245 7.240 3.840</i>			
21	W9DUP	1400Z-2000Z	25pts	IL – mult
	<i>Armed Forces Day – 28.400 14.290 7.250 3.885</i>			
28-30	W0FSB	1500Z-2200Z	50pts	IA – mult
	<i>Commemorating Memorial Day – 21.240 14.240 7.240</i>			

April 2011

M&K General Meeting Minutes

Meeting held March 19, 2011

Meeting was called to order at 1003 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: The flea market went well, and she is glad it is over.

Secretary – Robert KD7WNV: Nothing to report.

Treasurer – Dave KB7PSN: Be sure to turn in any expenses for the Flea Market promptly.

Activities Manager – Jim N7MU: Door prizes include noise cancelling Heil headset, and eight other prizes. Program next month is on NVIS by Scott AG7T. In some future month, we will have another presentation by Matt Kozma, AE7MK—this time on power backup for home and mobile stations.

Chairman of the Board – George AE7G: We will hold elections today. The next couple of Board meetings will be moved to the first Tuesday of the month. He will check on the location availability.

Radio Officer – Hal N7NW: We had a report of some noise in the signal last week, but it seems to have gone away. Sometime in April will make trip up and check out everything when weather permits. Sam N7RHE asked about battery backup for the 222 MHz repeater. Hal said there is no decision yet as to configuration—whether we'll need another battery.

Relay Editor – Gary KG7KU: Not present.

Webmaster – Jim KD7BAT: Nothing to report.

Vice President – Steve KD7IQL: Membership applications: Gregg Allyn, W7BXF and Marisa Allyn, KF7NER; Al Todd, KB7TBC; Pat Clifford, KF7NDH. All approved by the membership.

Quorum present.

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

Kathy KB7QMO noted that under Chairman of the Board, there is a word missing—should say elections will be held “next” month.

Sam N7RHE made a motion to approve the minutes as amended; Gil W7GIL seconded the motion. Motion passed.

Standing Committee Reports:

Strategic Planning – Daniel KL7WM: Nothing to report.

Facilities – Mike N7WA: Deferred to Jim KD7BAT. Jim was complimented on the article about himself in the *March Relay*. He encouraged others to write similar articles about themselves and their experiences to aid Club memory.

Education – Tim K7ANE: There is an Extra class starting. Daniel KL7WM said they have room for about 20, and have about 15 signed up now. It will run Wednesday evenings at the Red Cross, 6:30 to 9:00 or 9:30 PM, for nine weeks—eight weeks of lessons, plus the exam. Tim mentioned that we will soon be ordering more books for the Library. If there are any requests you have, please let him know. Tim also

K7LED Relay

reminded members that books are checked out for only one month at a time. Robert KD7WNV announced a Technician class in the north end (Brier), running Monday evenings April 11 to June 6. Details were sent out on the Reflector and will be posted to the Education web page.

Public Service – Robert KD7WNV: We have more booklets left over after the Flea Market than expected or needed for the remainder of the year, so members who also belong to other clubs or EmComm groups are encouraged to take a bundle to distribute. Also, we are entering the public service season. Liz N7ZXH mentioned that while you can use the schedule in the booklet, please check for updated Seafair parade information on the seafairparademarsals.org website. There is a change for the West Seattle Hi-Yu, and they have added Des Moines. Also, if you call the phone number listed in the booklet—do not be startled—you will get a male voice. It is Alan Kush, the Chief Marshal. He will convey the information to Liz.

Technical – Alan KB7SVU: Nothing to report.

Other Committees (as appropriate)

VE Exams – Scott AG7T: We had 16 persons take exams in March; awarded 9 Tech, 3 General and 2 Extras. At the Flea Market, 44 people took exams. We awarded 8 Tech, 16 General, and 9 Extras.

Flea Market – Hal N7NW/Mike N7WA: Thanked everyone who came down and helped. It was a tiring day for most of us. Attendance was down slightly. Some vendors cancelled just because of gas prices, so that may have also affected general attendance. We had 54 people at a great post-event Chinese dinner. George AE7G applauded the leadership of Hal & Mike. They, in turn, recognized the various section chairs.

Field Day – Ivy WA7IVY: Gave a reminder to newer people that we have another big event, Field Day, held at Fort Flagler State Park on Marrowstone Island, the fourth full weekend in June. Robert KD7WNV is preparing a group order to the ARRL for Field Day shirts and pins, etc. Orders will be accepted up through the April General meeting. The group order will be placed shortly thereafter, and the merchandise should be available at the May General meeting. Hal N7NW suggested that members may also want to get the Club logo put on their shirt, and possibly call sign as well. See Jim N7MU about doing so. John WA7HQG announced that we now have three new heavy duty power cables for Field Day—two 100-footers and a 90-footer.

By Laws Review – Dave KB7PSN: Nothing to report.

Logo – Jim N7MU: Has seen more people wearing the logo lately! The logo is digitized, and we have a vendor in Kent, see Jim for the catalog.

Awards Committee – Steve KD7IQL: The committee has decided on awards. Members should attend the banquet to see who is receiving awards this year.

Awards Banquet – Mike N7WA: Banquet is at HD Hotspurs in Kent on April 2. Happy Hour at 5:00 PM, dinner at 6:00. Same menu as last year; cost is \$15. See Mike to sign up. The limit is 65, we currently have about 40.

Contest – Mike N7WA: The targets are in for this month. Will probably have a bonus in May. Mike will be setting up the K7LED superstation for the 7th District QSO Party, but if you are going to be home operating,

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April 2011

K7LED Relay

M&K-General Mtg Minutes... [Cont'd from Pg 8]

we'll arrange for some bonus point contacts. Also in May (unrelated to the contest), on the second weekend the Salvation Army will be looking for help in handling food collections.

Old Business: None.

New Business: Elections

President: Previously nominated: Ivy WA7IVY. No further nominations were made. Gil W7GIL moved to close nominations and cast a unanimous ballot for Ivy WA7IVY; seconded by Kathy KB7QMO. Motion passed: Ivy Nelson-Groves, WA7IVY, is elected President.

Vice President: Previously nominated: Steve KD7IQL. No further nominations were made. Gil W7GIL moved to close nominations and cast a unanimous ballot for Steve KD7IQL by acclamation; seconded by Richard N7MER. Motion passed: Steve Cook, KD7IQL, is elected Vice President.

Secretary: Previously nominated: Robert KD7WNV. No further nominations were made. Gil W7GIL moved to close nominations and cast a unanimous ballot for Robert KD7WNV; seconded by Liz N7ZXH. Motion passed: Robert Grinnell, KD7WNV, is elected Secretary.

Treasurer: Previously nominated: Dave KB7PSN. No further nominations were made. Gil W7GIL moved to close nominations and cast a unanimous ballot for Dave KB7PSN; seconded by Richard N7MER. Motion passed: Dave Smith, KB7PSN, is elected Treasurer.

Activities Manager: Previously nominated: Stephen KB7FGV. Michelle WA7PVE nominated Richard N7MER. Liz N7ZXH nominated Kathy KB7QMO. Steve KD7IQL moved that nominations be closed; seconded by Mike N7WA. Motion passed. Kathy Martin, KB7QMO, is elected Activities Manager.

Trustee #1: Previously nominated for Trustee: David KC7FSR, Tim K7ANE, Michelle WA7PVE, Rich K7RFH, Mike N7WA. Richard K7RFH is not present, so is not eligible. Carolyn WV7Q nominated Daniel KL7WM. John WA7HQQ moved that nominations be closed; seconded by Liz N7ZXH. Motion passed. First ballot resulted in runoff between Tim K7ANE and Mike N7WA. Mike Dinkelman N7WA is elected Trustee #1.

Trustee #3: Nominations of David KC7FSR, Tim K7ANE, Michelle WA7PVE, and Daniel KL7WM carry over. No further nominations were made. Tim Kane, K7ANE, is elected Trustee #3.

Trustee #5: Nominations of David KC7FSR, Michelle WA7PVE, and Daniel KL7WM carry over. No further nominations were made. First ballot resulted in runoff between Michelle WA7PVE and Daniel KL7WM. Daniel Stevens, KL7WM, is elected Trustee #5.

Good of the Order:

Applications on smart phones: Gene W7AKA offered that there are several ham radio applications for the iPhone. The ARRL produces study apps for both General and Extra; HamIM is a good source of general ham radio info; and there is a version of OpenAPRS. George AE7G described how it lets you do APRS from your iPhone (requires Internet connection). Ivy WA7IVY listed some applications for the Windows 7 phone, including a dipole calculation, Morse code, and satellite programs. Many are free.

The next Mike & Key Board meeting will be on the first Tuesday of the month, April 4th at 7:00 pm, at the Salvation Army in Renton.

The next Mike & Key General Membership meeting is the third Saturday, April 16, 2011.

Scott AG7T made a motion to close the meeting; seconded by Liz N7ZXH. The motion was passed. Meeting adjourned at 1207 hours.

Attested: Robert Grinnell KD7WNV, Secretary

M&K Board Meeting Minutes

(Meeting Held April 5, 2011)

Officers present

X President – Ivy Nelson-Groves (WA7IVY)

X Vice President – Steve Cook (KD7IQL)

X Secretary – Robert Grinnell (KD7WNV)

X Treasurer – Dave Smith (KB7PSN)

Activities Manager – Kathy Martin (KB7QMO)

Radio Officer – Hal Goodell (N7NW)

Trustees present

X No. 1 – Mike Dinkelman (N7WA)

X No. 2 – George Thornton (AE7G)

X No. 3 – Tim Kane (K7ANE) [-CoB -]

X No. 4 – Alan Hughes (KB7SVU)

No. 5 – Daniel Stevens (KL7WM)

Other officers (non-voting)

Relay Editor – Gary Bryan (KG7KU)

Webmaster – Jim Etwiler (KD7BAT)

Visitors

Michael Hansen, KG7MX; Gene Underwood, W7AKA; Fran Underwood, N7FWZ.

President Ivy WA7IVY called the meeting to order at 2036 hours.

(Note – Abbreviated order of business for first meeting of incoming 2011-2012 Board)

Election of Executive Board Chair: Nominations: George AE7G, Tim K7ANE. Tim Kane K7ANE is elected Chairman.

Designation of Trustee Liaisons to Standing Committees:

Strategic Planning: Mike N7WA

Facilities: Daniel KL7WM

Education: Tim K7ANE

Public Service: George AE7G

Technical: Alan KB7SVU

New Business

Dave KB7PSN asked if we should do anything about the Elmer program. Jim N7MU suggested getting rid of the Wiki, and the footprint in the *Relay* could be reduced. Steve KD7IQL suggested pulling info from the Wiki onto a page on our website.

Tim K7ANE is also having Gary KG7KU take the Library page out of *Relay*; will leave a smaller item.

The Board will meet on the first Tuesday again next month, and discuss a regular day and location at that time.

There being no further business, Tim K7ANE adjourned the meeting at 2051 hours.

Attested: Robert Grinnell KD7WNV, Secretary

M&K – Annual Awards Banquet – Photo Potpourri

By Gary Bryan KG7KU



Dick Radford WA7NIW, recipient of the coveted M&K 'Pop' Brown Award, with wife Meredith.



Daniel Stevens KL7WM, recipient of the M&K Ken Jackson Award



Believe it or not, this is Ivy Nelson-Groves WA7IVY in her previous life. Perhaps explains why she is so 'huggy.'



Members and Guests alike enjoy the relaxed atmosphere of the evening and reminisce about the Club's successes.



At the HD Hotspurs Restaurant in Kent, when the cornbread arrives at table, it comes with 'Mile-High Honey' delivered from atop a step ladder.



Michael Dinkelman N7WA, the EmCee for the evening, afterward chats with others regarding a treasure-trove of Club photo's from yesteryear.



Susan Fleming and Diane Dinkelman KB7DNE provided Reception services for Members & Guests as they arrived for the Evening's festivities.

[Ed.Note-All photo's and captions provided by the author, except 'Honeydripper' photo & caption provided by Dave KB7PSN.]



'Toku' – AD7JA

M&K-K7LED Club Library

Time for New Library Materials

By Tim Kane – K7ANE



In just three years, with club purchases and generous donations and loans from many of you, and especially from Toku AD7JA, our club library has grown from nothing to nearly a hundred amateur radio books and scores of ham magazines and journals.

Our General Operating category is the largest. We have thirty-three *Radio Amateur Handbooks*, from the 1st edition in 1926 through the most current editions from 2007 through 2011, plus the 1991 and 2007 *ARRL Operating Manuals* and another eleven books on amateur operations.

The other categories include Basic Introduction (4 books), DXing (5), Digital Communications (5), Power Supplies (1), VHF/UHF Operations (3), Emergency Communications (1), Low Power (QRP) Communications (2), License Study (6), Antennas & Transmission Lines (8), People & History (3), Electronics (2), Callbooks 1939, '60, '66, '91 and '95 (6), and others.

Need to find a magazine or journal article from an old issue of QST or CQ to build that quad antenna you've always wanted? Or, want to settle an on-the-air discussion with your DX ragchew buddy in VK-land with info from QEX, the QCWA (Quarter Century Wireless Association) Journal, or Popular Communications? The library olds hundreds of monthly issues of these magazines in either hard paper or CD electronic copies.

Each spring we review the holdings in the club's library, with an eye toward seeing what new publications we might want to acquire to meet the members' interests and desires. Last year we got the new 2010 ARRL Handbook, the ARRL General class Q&A manual, a QRP reference, as well as the ARRL HF and VHF Digital Handbooks. Universal Radio also donated some older references from the mid-1980s through the early 2000s, ranging from SWL to DXing to RTTY.

At the upcoming April general meeting we'll pass around some "Interest Ballots," listing some new or recent ham-related books that we might wish to consider for the library. All present will be asked to indicate the books they think might make good additions to the club library. If you have other suggestions, there'll also be space for your ideas on the ballot. Once we get everybody's input, we'll put together a list of possible new acquisitions. Among the books suggested so far are:

- *ARRL Ham Radio (Technician) License Manual, 2010*
- *ARRL Guide to Antenna Tuners, 1st Edition, 2010*
- *Stealth Antennas, 1st Edition, 2010*
- *ARRL Technician Q&A Manual, 5th Edition, 2010*
- *VoIP: Internet Linking for Radio Amateurs, 2nd Edition, 2009*
- *Storm Spotting and Amateur Radio, 2010*
- *FCC Rules & Regulations for Amateur Radio Service, 2nd Ed., 2008*
- *GPS and Amateur Radio, 2007*
- *Emergency Power for Radio Communications, 2005*
- *Amateur Radio on the Move (on mobile installations and operation), 1st Edition, 2005*
- *The Complete DX-er, 2003*
- *QRP Basics, 2003*

One good suggestion that was just received is that we get the 3-volume ARRL "Basic" series, which covers electronics, radio, and antennas. It's an excellent resources for beginners, and more experienced hams who want to brush up on the fundamentals.

While it would be nice to get everything, our budget is limited, so we want to ensure we get the materials of greatest interest.

We'd also ask you to review your own ham libraries for duplicates or other books and publications which you'd like to share with club members. While we have a few old Callbooks, it would be a nice resource if we had one or two from each decade, so people could look up their old callsigns or those of distant or silent friends. The library is happy to accept your donations, and there'll be a form for you to use. We're also pleased and greatly appreciative to accept donations from estates from the publication collections of Silent Keys.

I'd like to take this opportunity to sincerely thank Toku, AD7JA, our volunteer library manager, who was honored at the just-held awards dinner, for providing space in his business for our library, as well as his hard work in checking out the books, and transporting the entire library to and from each general meeting. Many of the library books, perhaps a third overall, are loans or donations from his personal collection, which he makes available to M&K members. He's done a terrific job, and the library would not likely be possible without his efforts. His help is greatly appreciated.

If you'd like to donate to the library or you have any other ideas or suggestions, please contact Tim, k7ane@arrl.net.



SEATTLE, WASHINGTON

Wear the Mike and Key Logo

By Jim Aigner N7MU

Over the last several months, the Mike and Key Logo Committee has been working to make clothing with the club logo available to members at reasonable prices. We now have our logo digitized for the chest and suitable for embroidery on shirts, vests, and jackets. We also have a large scale version of the logo for use on the back of sweatshirts, vests, and jackets.

You can find your own supplier for putting the logo on your clothing or do it yourself. Or you can use one of the suppliers that we have contacted for this service.

In addition to the vendor whose samples are shown below, we expect to have another supplier set up a "virtual store" on the web so you can view your choices and order them online.

Here are some things I ordered from a neighborhood shop in Kent (*Embroidery Plus*, 253 630-2616, email embroideryplus@questoffice.net). I'll bring these to the February meeting so you can see the finished products. You can find just about everything - shirts, vests, sweatshirts, and jackets in the online catalog: <http://www.sanmar.com>.



Port Authority R-TEK Fleece Vest JP79 in grey heather

\$28 including tax and embroidery, larger sizes may cost a little more



JERZEES Spotshield Jersey knit sport shirt 437M in ash

\$15 including tax and embroidery, larger sizes may cost a little more



Gildan Ultra Cotton Ringer T-shirt 2600 in grey/black

\$10 including tax and embroidery, larger sizes may cost a little more

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

New Feature... Ham Radio Books 'dot' Com

By Andrew Baze AB8L

News Flash! *The book is complete and in editing, and the cover art is in progress. What's that mean? Soon, you'll see a copy of The Road Home (new title) in the Mike and Key library! You may even see a copy or two as a door prize. What else has been going on in previous chapters? You'll be able to read about it in the book: the bad guy is getting into trouble, and Robbie & Jeff's womenfolk are at home in the city, trying to get by in a bad, bad situation. -Andrew, AB8L.*

Back to our Hero and his Father...

"Dad! Where are you?" Robbie yelled, feeling the fear well up in his chest. His father was gone. He spun around frantically as he looked. There was no sign of his father. He spun around again. He must have missed him. He could be lying down near that log, or over by that rock. He looked again. Nothing.

"Dad!" he called again. There was no reply. In fact, there was no sound whatsoever. No birds were chirping, and the breeze that had cooled them earlier in the day was now gone. After all the noise of the earthquake, the silence almost seemed unreal. Adding to the unreal feeling, which was starting to feel downright nightmarish, his father had apparently disappeared off the face of the earth.

Robbie sat on the ground, dumbfounded, confused and scared. He had to stop and think for a minute. He could hardly believe what had happened. It was a freaking *earthquake*. This was crazy, like being in a disaster movie. This stuff never happened in real life, and he'd never come close to experiencing anything like it. He'd done a book report about earthquakes in school, but he never thought he'd actually be in one. He thought back to what he had read about... Earthquakes usually caused much more damage in cities, where there are taller buildings, more bridges, lots of glass that can break and bricks that can fall, power lines that can fall down, and... oh no — his mother and sister. They were back in Bellevue, all alone! Were they OK? It seemed like the situation was getting worse and worse. And where was his father?

While he was still collecting his wits and slowing down his racing mind, he heard a voice. It was faint, as if far away.

"Robbie..."

It was his Dad! It sounded like he was far away, but that would be impossible. He was just here a few second ago. Where was it coming from? He stood up and looked around again. He was still alone, and he couldn't tell what direction the voice was coming from.

"Robbie..."

"Dad! I'm here!" he called back, trying to keep the fear out of his voice, "Where are you?"

"Robbie — I'm down here."

Robbie looked around again and remembered where his father had been standing just before the earthquake hit. He was over by the edge of the cliff. The *tall* cliff.

"Dad?" Robbie called back, as he walked slowly toward the edge.

"I'm down here — be careful" Jeff called back. "Don't fall over."

Now Robbie could tell where the sound was coming from. Robbie got on all fours and crawled toward the edge, then peered over. And there was his father, about 12 feet down, on a ledge that was about six feet wide and eight feet long. It was just long enough for an adult to lie down. Below the ledge there was nothing but sheer cliff that descended another 90 feet. And on both sides of the ledge, the cliff wall was smooth. Jeff was trapped.

"Dad! Are you OK?" Robbie said as he looked over the edge. He could feel tears welling in his eyes, but he wanted to stay strong — his father needed him. But as much as he tried to hold it back, a tear escaped and ran down his face as he looked down anxiously. He was afraid.

"I'm OK, mostly," Jeff said. "I slipped over while the ground was shaking. And I'm lucky that I landed here, or I'd probably be..." He didn't need to finish the sentence. The sharp rocks at the base of the cliff finished it for him.

"I think I may have broken my ankle, and my arm is bleeding." He winced when he spoke, as a spike of pain shot through his foot.

He cautiously tried to get up, and gasped as he put a small amount of weight on his right foot. He collapsed and closed his eyes tightly, breathing hard between his clenched teeth.

"Yeah, my ankle really hurts, and I don't know how I'm going to get up over the ledge. I'm stuck."

This was bad. Robbie had never heard his dad talk like this. He heard the worry, the pain and fear in Jeff's voice, and it scared him. "Is there any way you can climb up?" Robbie asked.

"The side of the cliff here only has a couple of spots that look like they could hold my weight. And even if I thought I could climb up, one false move with this bad ankle, and I'd probably fall all the way down this time. I'm not sure I'd try it even if my ankle wasn't hurt. I don't want to tempt fate and risk falling again.

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— I was lucky enough this time.” Jeff was almost talking to himself now, obviously thinking about what to do next “So what do we do?” Robbie asked, trying to keep the tears contained.

“Let’s just think about it for a minute. And while I think about it, is everything safe up there? Is there any danger of a rockslide, or are there any trees that may be ready to fall now? Go check right away — I don’t want something happening to you.” He grimaced as the pain hit him again.

Robbie collected his wits and scanned the hillside behind him, trying to be methodical about it so he didn’t miss anything. He looked up the slope from where the rocks had slid down. Nothing was moving, and the dust had settled. It didn’t seem like any trees were leaning unusually.

“I think it’s safe up here, Dad. But what about you?”

“Can you see our packs up there?”

Robbie looked back at the center of the clearing. He saw his backpack, yellow and blue, lying flat now, next to where he had propped it up. But his dad’s pack wasn’t where he’d left it. He looked closer, and walked up to the tree that his pack had been leaning against. A small section of earth had torn away from the cliff face, and apparently taken his dad’s backpack with it.

“Bad news, Dad. Your pack is gone.”

“Are you sure? Look again. Maybe it tipped over behind a rock or something.”

Robbie knew it was gone, but walked back and looked again anyway.

“It’s still gone, Dad.”

Jeff sighed. “OK, then we’ll make the best of this. Get me your first aid kit. I have to stop this bleeding.”

Robbie looked at his father’s arm more closely. There was a lot of blood on the lower left arm, where he must have gouged it on a rock as he fell.

Robbie stepped back and walked over to his pack. It looked undamaged. He quickly opened it and pulled out the first aid kit, which was packed near the top. It was a smaller-sized kit, made by Adventure Medical, and it was full of useful supplies. To make it even more useful, Jeff had added some supplies of his own. Since he had volunteered at a local fire department as an emergency medical technician earlier in his life, he was familiar with some medical supplies that weren’t in every first aid kit, and made sure to include them on his own.

Robbie crawled back to the edge and called down, “I have it Dad, but how do I get it down to you? Do you want me to drop it down?”

“No — I don’t want to risk dropping it and losing it. Get some 550 cord from your pack, tie it on, and lower it to me.”

Robbie went back to his pack and fished around until he found the coil of cord. 550 cord could easily hold Jeff’s weight; the “550” indicated that it could hold 550 pounds of weight. However, it was too thin to hold onto without slipping. Robbie quickly tied one end to a loop in the side of the kit and lowered it down to his dad.

“Thanks Robbie,” Jeff said, as he opened up the kit. He pulled out a small packet, about twice the size of a tea bag, and set it aside. Then he pulled out another plastic package, about the size of a rolled-up sock. He tore the end off of it, pulled out a tightly-rolled bandage, opened it up partially, and set it on his lap with the sterile white pad side facing up. Then he pulled back the torn part of the arm of his shirt, exposing the wound on his lower arm. The bleeding had slowed, but dark-colored blood was still leaking continuously. That was good news, if you could call it good. Since the blood was dark red, indicating that it didn’t contain much oxygen, he had injured a vein, not an artery, which would have probably been spurting bright-red, oxygen-rich blood. This bleeding should be easier to stop. Jeff pulled out a piece of gauze, wiped away some of the blood that was still flowing, and set the gauze to the side.

Jeff picked up the small foil packet and tore the top off. Then he poured the contents, which looked like sea salt, directly into the bloody wound.

“What’s that stuff, Dad?” Robbie asked.

“These are Celox granules,” Jeff said. “This stuff causes clotting super-quickly. I need to get this bleeding stopped now. I need to keep as much blood inside me as possible.” He didn’t need to say the last part, but he felt better talking about what he was doing. It helped him focus.

Seconds later, Jeff’s bleeding had already slowed, as the granules reacted with the blood to form a stable, solid blood clot, preventing any further loss of blood from the wound. Then Jeff picked up the bandage that had been sitting in his lap and placed the sterile, white side down on the wound. He wrapped the long, green end around his arm once, then slipped it through small plastic clip, and then back around the other way. Then he wrapped and wrapped until he reached the end, which he secured with a separate plastic clip.

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HamRadioBooks'dot'Com... [Continued from Page 14]

"That should do it," Jeff said, as he very gently moved his arm around, making sure it was relatively comfortable. "These trauma bandages are pretty easy to use. I'm glad I added one to your kit." Then he pulled something else from the kit. It looked like a flattened, orange snake, coiled into a cylinder. It was a rolled up SAM splint, made out of thick, moldable aluminum foil, and covered by thin, dense foam. He set it in his lap and gingerly removed his right shoe, exposing the ankle. He took off the sock and looked at the ankle. It was swollen to almost twice its normal size, especially around the upper ankle area. He gently touched around the top, the sides, and the bottom of his foot.

"This may be good news," Jeff said, as he gently pushed and squeezed different locations on and above his foot, wincing when he touched the more tender spots.

"Are you serious, Dad? That looks painful, and you just fell over a cliff! How could this be good news?"

"My ankle probably isn't broken. I sprained it before, when I was young, and it was pretty much like it is now. I bet that I sprained it again. It's hard to tell, but I'm going to think positively. Yes, it's just sprained, I think."

"OK, now what?" Robbie asked.

"I'm going to splint my ankle so that I don't damage it more by moving any injured parts around.

"I wish I could help, Dad."

"You'll be able to help in a minute. Let me finish this and clear my head."

Jeff put his sock back on, then took the splint, unrolled it, and folded it into a "U" shape, with his heel in the bottom, and the sides coming up around both sides of his ankle and extending up to his calf. This would help keep his ankle stable. He took out two small pieces of cloth (called "cravats") from the bag, and used them to tie the splint at the top to his leg, and at the bottom, around the top and bottom of his foot, but not over the swollen area of his ankle. When this was done, he reached down and pinched his big toe, looking at the color of the toenail. The color under the nail turned white as he pressed, and then turned pink again as he released the pressure, indicating that it was getting enough circulation. Then he unlaced his hiking boot all the way down, opened it up, and slowly, gently slipped it over his foot. It fit, but just barely. He pulled the slack out of the laces and tied the boot at the top.

"Keeping my boot on may help keep some of the swelling down. And if I don't put it back on now, I may not be able to fit it on later. I'll check on my foot regularly to make sure it's still getting enough circulation." He fished around further in the first aid kit, found a small packet of ibuprofen, opened it, and popped the pills into his mouth.

"This should help a little with the swelling." Jeff took a deep breath and exhaled slowly. Then he took another, and exhaled again. He was calming down. "OK, what's next? Let's see if our radios are OK. Is yours still working?"

Robbie scooted back from where he had been laying near the cliff edge, opened up his pack, took out the handheld radio, and pressed the power button. It turned on as he expected. He went back to the edge.

"Mine still works. But where is yours? Wasn't it in your pack?"

"I clipped it to my belt after we talked to your Mom. And thank God it didn't fall off. It's dirty and scratched, but the antenna isn't broken and I just checked it — it powers up OK. Turn back to our primary frequency and call me."

Robbie changed frequencies and transmitted. Jeff could hear it fine. Then he called Robbie back, to verify he was also transmitting fine. No problems.

"OK, I have a plan," Jeff said. "Here's the quick version. I'm going to wait here, because there's nothing else I can do. And you're going to get me out of this."

"Uh... OK."

"OK, I want you to lower some stuff to me. I'm getting cold. The last thing I need is to get hypothermia, and this ledge is pretty exposed, so I'll need your sleeping bag, sleeping pad, and emergency survival blanket — that will keep me from getting too cold. Pull up the cord and tie it to the bag. Make sure the survival blanket is inside the bag. Please be very careful, and try to keep back from the edge. The ground might be unstable because of the quake."

Robbie pulled out his sleeping bag, loosened the drawstring on the bag that contained it, and slipped in the Mylar survival blanket. He tied the cord to the sleeping bag, wrapped it around the sleeping pad and tied another knot, then carefully lowered the bag and pad over the edge.

2011 -- Ham Nets & Events -- APRIL / MAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
10 1700 – NWWA-LDS (Weekly) 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)	11 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) 1900 – Seattle ACS Net 146.90 (Weekly)	12 2000 – Seattle Red Cross Comm Team Net (incl. Elmer's Corner) 147.080 (Weekly) 2000 – Snohomish Co. ACS/RACES Net 146.92 (Weekly)	13 2000 – Evergreen Intertie Gen/Tech Info Net 145.33 (Weekly) 2000 – Educational Radio Net – PSRG 146.96 (Weekly) 2100 – NWSOAR Net 146.82 (Weekly)	14 1900 – M&K Public Service Net 146.82 (Weekly) 2000 – Computer & Packet Net 145.33 (Weekly)	15	16 1000 – M&K Club Meeting, Renton 1230 – M&K Ham Radio Exams, Renton. Scott- ag7t@arrl.net
17	18 1930 – PSRG Net 146.96 (Weekly) 2000 – YL Net 145.33 (Wkly)	19	20	21	22	23 0900 – WA State Emerg. Net (WSEN) ARES HF Net 3.985 (Weekly)
24	25	26	27	28	29 Olympus Road Rally – April 30- thru-May 1 – SW WA – Lee k7ss@arrl.net	30 Parade – Holland Happening – Oak Harbor – Liz NTZXH hamsignup@seafairparademarshals.org March of Dimes – March for Babies – Pt Defiance Park, Tacoma – Judy NTNII k7kxo@hotmail.com
01 – MAY – Maple Ridge Swap Meet – Maple Ridge, BC – Nick ve7iy@telus.net www.mtrac.ca	02	03	04 M&K Board Mtg Salvation Army Bldg Renton, 7pm	05	06	07 Husky Crew Races – UW/ Montlake Cut – Dick ve7nrv@arrl.net Tour Des Engineers – Whidbey Island – Gene w7taka@comcast.net YMCA 8K – Olympia – Lee k7ss@arrl.net
08	09	10	11	12	13 Relay Articles Due – 23:59:59	14 Stanwood-Camano ARC Hamfest – Stanwood- Middle- School – Vic nveccop@qrz.net www.scarcwa.org
15 Capitol City Marathon – Olympia – Contact Vaughn KD7UJH vaumn@gmail.com	16	17 Parade – Sytende Mai – Ballard – Liz NTZXH hamsignup@seafairparademars-hals.org	18	19	20	21 1000 – M&K Club Meeting, Renton 1230 – M&K Ham Radio Exams, Renton. Scott- ag7t@arrl.net