

From our Club President...

A Successful Year For Mike & Key

by Dick Radford WA7NIW, President

It's been quite a year for the Mike and Key Club. At the beginning of the year it appeared that circumstances would have an adverse effect on our major endeavors. However, this wasn't the case.

The '08 Flea Market was a bigger success than some thought it would be. It looks like the high gas prices didn't scare very many people away. Thanks to all the members who made this event continue to be great.

The Field Day event, likewise, even though we didn't have the Wagon Wheel. We managed to adapt to a different way of housing all the participants and still have a great time of fun, food, and fellowship while turning in a great score despite the sunspot situation.

The Bylaws Review Committee is getting organized with a plan to finish the review the Club's By-Laws in time to be voted on by the members in the near future, so, 'stay tuned' for further developments.

The December meeting has a couple of agenda items that you won't want to miss. The club members will vote on the budget for 2009 (always an entertaining process), and the Year End Raffle Extravaganza will take place. See you there.

-- 73 Dick, WA7NIW

Why Should I Help at the Mike&Key FleaMarket?

by Gary Bryan KG7KU Relay Editor

If you have been considering working at the Mike&Key FleaMarket, and even if you've been considering *NOT* working the FleaMarket, or perhaps you are unsure just what to do, then read on...

What is the FleaMarket anyway? A bunch of work to satisfy the needs of Mike&Key? Nonsense. Have you gone so far as to write off one of the single-most important events of this hobby?

Amateur, or 'Ham,' Radio carries a great amount of Goodwill in all cities around the world, in the form of Community Service, Emergency Preparedness and Response, as well as the routine ragchew and first contacts to the farthest reaches of radio waves at a given instant.

Why is it that you became involved in Ham Radio? Stop and consider that for a moment. There was a particular fascination about how those radio waves carry information that you create, and so you communicate with others who share in this very similar, common interest and fascination. *[Cont'd on Page 4]*

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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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www.mikeandkey.org

Send dues to

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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

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

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

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

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

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

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

November Program Fun
by Daniel Stevens KL7WM Activity Manager

Amateur radio is fun. We have a great program for the December meeting. We have a local expert, Steve Hatch, WA7DAD. He will be speaking on D-Star from a user point of view. Steve was a speaker at the Alaska ARRL Convention this summer. He is an IT person and has helped many get up to speed on D-Star.

The year end raffle has a D-Star capable 2 Meter mobile as the first prize. The IC-2200 has three power levels up to 65 watts and transmits normal analog FM as well as D-Star mode. So come & hear Steve so you will know how to use it.

The Flea Market is just around the corner. The committee has been hard at work for months. There are lots of places to help. It is always fun. I think we put on the best Amateur Flea Market in the nation. Mike Dinkelman, N7WA, will present the Flea Market program for the February meeting.

The Award Banquet chair is Dawn Humphery, KC7YYB. She did a great job last year. That will be in March.

We are also talking about the Annual Club Picnic. We are looking for someone to help organize it. Some planning is already being done. When we all participate it is easy to organize. So don't be afraid to volunteer. You will have lots of help.

Now for the scoop on the year-end Raffle drawing

The Year End Raffle is here. We will have the drawing during the December club meeting on December 20th. Anyone who brought a ticket throughout the year is in this drawing. This year we have six prizes. There should be something for everyone's interest.

- 1ST is an IC-2200 65 Watt, 2 meter mobile.
 - 2nd is a 20 Amp switching power supply.
 - 3rd is a G5RV Multi-band HF dipole with coax.
 - 4th is an ARRL Handbook for 2008.
 - 5th is a 2M/440 Duo-band mobile mag-mount antenna.
 - 6th is large 6X9 desktop Repeater Directory.
- You don't have to be present to win, but it would sure be fun if you were at the meeting.

Salvation Army Bell Ringing-Thanks
by Michael Dinkelman N7WA

I want to thank Jim KD7BAT for organizing this years Bell Ringing event. This year we were able to support two kettles (WalMart and Fry's). Don't know how much money we raised but those kettles were full.

I also want to thank those who came to Fry's (where I was) and did their time. It isn't always easy looking people in the eye in an attempt to get money but it can be fun. A lot of people thanked us for just being there as they donated. Everyone who worked at Fry's said they enjoyed the experience... I know I did.

And Again...
Salvation Army Bell Ringers
By Jim Etwiler – KD7BAT

Saturday, December 6, the day of volunteering to help the Salvation Army raise funds by bell ringing was a success! Both kettles were full by the end of the day and were quite

heavy!

First I must thank Mike Dinkelman, N7WA, for stepping up and being a focal at the Fry's location. This meant that I did not have to spend significant time going between the Fry's and the Wall-Mart locations.

Many thanks go to all the volunteers and their significant others that came along to ring the bells for the Salvation Army.

Participating at the Fry's location were Michael Dinkelman, N7WA, Frank Tate, NA7O, Carolyn Pasquier, WV7Q, and Loras Gassman, Dick Radford, WA7NIW, Meredith Radford, Michael Hansen, KG7MX, Eric Snyder, N7DLV, and Jim Aigner, N7MU.

Participating at the Wal-Mart location were Al Hopwood, KB7THX, Gill Drynan, W7GIL, Greg Pietrucha, W7HRC, Linda Pietrucha, Steve Rehnstrom, KE7KRT, Hal Mueller, N3YX, Ron Stein, W7GAX, Jim Etwiler, KD7BAT.

Every one seemed to have stories to tell about their shift: Watching people work to put a 52" TV in a small car; the lady that declared that day was her birthday; the lady that had just been told she was now cancer free; another that felt it indeed was Happy Holidays (her birth date was Jan. 1, 1946); the woman that donated because she and her family had been given help and shelter in St. Louis; watching all the parents give money to each of their children to put in the kettle; and the many people donating who thanked us for volunteering.

To the whole team: THANK YOU!!!



Linda and Greg, W7HRC, Pietrucha

2009 Mike & Key Club Challenge
by Michael Dinkelman N7WA

So far, I have two people (maybe three?) interested in the Mike & Key Clandestine Society of Contest Operators (MKAECSCO) Club contesting challenge (See September Relay for rules). This is an internal club event to see who can get to WAS and DXCC. There are gift cards up for grabs and no real 'contest types' are allowed to participate. The intent is to spur some HF activity within the club, although, if you think you can do it on UHF/VHF, then by all means go for it.

To be eligible, you must let me know by midnight Dec 31 (local time). The challenge starts at 0000 Jan 1 (again, local time).

Why Help at the FleaMarket...[Cont'd from Pg 1]

New Hams are being born every day. They have been captured by the excitement, the allure, of being in control of a microphone or key -- or should I say -- the Mike and Key? Indeed.

Did you ever think of this great hobby in the form of contesting or making contacts in the form of a competition? Then you are one of the ones that looks forward with great interest and in anticipation of the Field Day event held each year. Field Day is the ultimate contest held on such a grand scale that thousands prepare to perform at their finest for the event, with hopes to make a mark on the Ham Radio community with regard to their skill and accomplishments, one contact at a time. Cumulatively, the number of contacts made in this 24-hour event is immense.

I saw a poem once that that goes like this:

The Lover Of Maps

She folds and unfolds,
Directs me to an exact place on the Reservation
Where nothing is ever written down.

She tells me our maps are stories,
Told in a scale larger than can be held
By our clumsy hands.

--Norman Alexi

Now, I don't know about you, but I love maps. This poem hits dead-on-center of what makes for the love and beauty of maps. Maps are so very cool.

Do you think of Ham Radio in the same way? It may be that the other substance of what is called 'life' has dragged you down, and has effectively moved you away from Ham Radio and into other areas of focus, energy and use of resource. Don't let it. Don't let it steal the joy away from a hobby that you have come to appreciate and love so much.

Like maps, if your Ham Radio gear sits on the shelf untouched and unused, its very purpose is lost. You may begin to make other plans and want to satisfy self in other ways that no longer include the many friends that you have met, and even the ones you have yet to meet and 'talk' with over the airwaves.

Please don't get me wrong here. Your loved ones, your family, your ability to maintain a healthy composure with your career objectives and goals are prime. They top the list in keeping things in perspective and in the proper order of importance. And yet a hobby is something you do because it's something you like to do, right? Maintain a healthy balance, then, and include Ham Radio on your list of things to do.

Okay, so now I will cut to the chase. The Mike&Key FleaMarket provides an opportunity for new Hams and old Hams alike, to keep their dreams alive and well. The next step up in a purchase of Ham Radio gear to improve skill level, or else to improve the potential contacts, say, for Field Day.

I would even propose that the single-most premise of having Hamfests, where ever they may be held, is to improve on what you've already got. This in turn improves your skill level and effectiveness on the 'open waves.' Perhaps it is time to 'set sail' again and get geared up.

Better yet, sign up for the FleaMarket and get on board with the multitude of Hams who look forward to the offers made available to them at the Mike&Key FleaMarket.

You will be helping provide a service that goes well beyond Field Day. You will be contributing to the welfare of countless millions who count on Amateur Radio to help when times of Disaster strike.

Celebrate our December members!

As of December 2008, these folks have been Mike & Key members for the number of years stated. Congratulations to all of you, and thanks for your participation and service. Each of you makes us who we are--

John Becker	K7PFR	36 Years
Ken Rau	K7YR	36 Years
Raleigh Elkins	WB7WNF	29 Years
Norman Ahrens	N7KWZ	21 Years
Pete Kozlowski	N7UI F	17 Years
David Smith	KB7PSN	15 Years
Michael Ross	KB7YXB	15 Years
Marilyn Olson	KB7WSH	14 Years
Alan Hughes	KB7SVU	12 Years
Tressie Hughes	KB7BAL	12 Years
Ted Roubal	KC7ZEO	11 Years
Edward Maher	NL7VP	5 Years
Robert LeDoux	KE7JPI	1 Year
Doug Sutphen	KE7OQW	1 Year
Jessie Vaughn	No Call	1 Year

Fleamarket Meeting Minutes

Meeting held December 2, 2008 at Dinkelman residence.

In attendance: Hal N7NW, Carolyn WV7Q, Kathy KB7QMO, Diane KB7DNE, Mike N7WA, Jim N7MU, Gil, W7GIL

--Hal: not much new for facilities. Looking for Insurance Renewal notification

--Gil: would like a new fresh face to learn the ropes (setting up telephone system)

--Carolyn: Will pay insurance when renewal comes in. Would like to move the Treasury upstairs into a larger room. (Possible issue for phones)

--Kathy: General discussion of ticket booth signups. Need a new co-chair.

--Diane: About 75 tables paid for.

--Mike: Flyers being stuffed and labeled. Majority should be done by Club meeting, the rest before the New Year. Discussed a massive buy of envelopes next year (cheaper unit cost). Discussed worker signups.

--Jim: Few signups for Country Store at this time.

General discussion of the new arena being built in Kent -- would it be a viable site for future flea markets. No action item.

December 2008

K7LED Relay

Public Service Committee Minutes

Meeting Held November 15, 2008

Meeting called to order by Robert KD7WNV.

In attendance: Robert KD7WNV, Gary KG7KU, Dan N7QHC, Dawn KC7YYB, Ivy WA7IVY, and Dick WA7NIW.

Old Business:

We still need people to run the Public Service Net on Thursday evenings, 7pm on the Club repeater, 146.82. Please contact Robert. He would like to have at least 3 other people so that each person does the net once a month with a pool of people to take over when needed. This request is a continuation of the request from September as nobody has stepped forward to help out.

New Business:

Printing costs appear to be the same this year as last. Distribution was also discussed. We need to plan to have enough so that we can give them to new members throughout the year. This would be about 200 to cover the club meetings and VE sessions, and 200 for Top Hat to take to hamfests. We should also plan how to limit distribution to one per person, so for example, those who get one at the Flea Market wouldn't need to get another one at the Communications Academy, etc.

Dick suggested that perhaps some of the ARES/RACES groups would be interested in co-sponsoring an ad. Something like: "The Following ARES/RACES groups proudly sponsor this publication" followed by a list of local ARES groups who each would pay something like \$20 or \$25.

We started splitting up the tasks for the booklet.

Nets- Robert KD7WNV

Repeaters- Robert KD7WNV

Hamfests- Gary KG7KU

Exams- Steve KD7IQL

Events- Dick WA7NIW, Ivy WA7IVY, Robert KD7WNV.

Dick will do Seafair, Robert will do Bike rides, Ivy will do the rest.

Club Contacts- Brendan KD7IKV will take the top half.

Gary KD7KU will take the bottom half.

Advertising- Dick will talk to Seafair about their ad when getting information.

Gary will contact Radio Club of Tacoma (¼ page),

Robert will take VETCO and ESCA RACES,

Ivy will contact City of Renton,

Still need someone to contact Seattle ACS, HRO, Shoreline ACS, MST, Red Cross, WWDXC, Cedar River SmokeHouse (?), Frys, SteppIR, ICOM, etc.

For those who are contacting emergency communications groups, be sure to offer the option of going in on the above proposed group ad.

Confirmed: Top Hat ½ page, Hot Press ½ page comp.

Advertising rates are \$250 for a full page, \$150 for a half page. Additional charge for prime locations on the cover, \$300 for inside front and back covers, \$350 for outside back cover.

Meeting adjourned at 13:32.

Mike&Key General Meeting Minutes

Meeting held 11-15-2008

Meeting was called to order at 1000 hours

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; If you wish to go outside during the break, the Salvation Army requests that we do so on the West side of the building. This is a small room, and if you have conversations that must be carried out, please carry them out to the other room.

Members and guest introductions.

Quorum present.

Is there a motion to approve the minutes of the previous meeting as printed in the *K7LED Relay*? One mistake in the minutes was corrected by the secretary Sam makes the motion that the corrected minutes be accepted by the membership and Tom K9TXJ seconds. Motion passes.

Officer Reports:

President – Dick WA7NIW: No report at this time

Vice President – Tim K7ANE: Tim passed on membership certificates for those who were present at the meeting.

Secretary – Ivy WA7IVY: The mail was picked up and delivered to the Treasurer

Treasurer – Carolyn WV7Q: The club's books are in good order. The proposed budget for 2009 is in progress; if you have any input for the budget, please contact a board member before the next Board Meeting for inclusion.

Activity Manager – Carolyn WV7Q: The big raffle will be at next month's meeting. Program today is a video on vacuum tubes.

Chairman of the Board – Hal N3YX: We have had a resignation to the board of our Activity Manager; we need someone to fill this unexpired term until March and our elections. Hal invites all members to attend the board meeting if they wish.

Radio Officer – Paul N7DOH: not present, but indicated to the president that the repeater is being shipped back to us now.

Relay Editor – Gary KG7KU: Gary talked to the membership a bit about the relay and how he enjoys working on this document, and encouraged the membership to become more involved.

Webmaster – Jim KD7BAT: The web is up to date. The swap page isn't working as well as he would hope, so please contact Jim if you wish to put in an ad.

Standing Committee Reports:

Strategic Planning – Robert KD7WNV: nothing new to report.

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December 2008

M&K General Mtg Minutes... [Cont'd from Pg 5]

Facilities and Publicity : Jeff KE7FRJ: nothing new to report.

Education and Training –: Hal N3YX: nothing new to report.

Public Service – Robert KD7WNV. The committee is in the middle of preparing the next year's booklet, and is requesting assistance from the membership. There is a meeting at the Cedar River Smokehouse today at the conclusion of our meeting. Seattle Marathon is coming up and Robert encouraged the membership to participate if they can. We do sell advertising in the program; prices are \$250 for a full page; \$150 for a half page.

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

Other Committees (as appropriate)

VE Exams -- Scott AG7T: There were 12 people who attended the testing session; 4 Technician class, 5 General class, 1 Extra class license were granted. Rate goes up to \$15 in January.

Field Day -- Steve KD7IQL / Brendan KD7IKV: We came in 16th nationwide, 2nd in 6A, and 1st in WWA. Have got all the band chairs for this upcoming field day, but they could use assistance.

Special Election: for the open position of Activity Manager. Nominations: Daniel KL7WM. Motion by Michael KG7MX to close the nomination, motion seconded and motion passed. The candidate told the membership a bit about himself. A motion was made to vote in Daniel by acclimation made by Dan N7QHC, Tom K9TXJ seconds. Motion passed.

Old Business: There was no old business.

Alligator Award – Jeff KE7FRJ still holds the award and is looking for someone other than the usual suspects.

New Business –

Sam N7RHE mentioned that World Radio magazine is going to cease publication according to an article on ARRL.

Flea Market: Mike N7WA has the signup book and encouraged the membership to help out. 1st Tuesday in December at Mike's house will be the meeting. Mike needs help with the labeling.

Phone sweepstakes is this weekend. Dean N7NKO won the club competition for Salmon Run.

Jim KD7BAT mentioned that we need more people to help out with bell ringing at Fry's on December 6th. We also have a food bucket for donations to the Salvation Army.

Good of the Order –

The Mike & Key Board next meets on the first Wednesday of the month, December 3rd at 7:00 pm, at El Charro in SeaTac.

The next Mike & Key General Membership meeting is the third Saturday of the month, December 20th.

Sam N7RHE made a motion for the meeting to adjourn. The motion was passed. Meeting adjourned 10:35.

8 guests; 53 members

Attested: Ivy Nelson-Groves WA7IVY – Secretary

K7LED Relay

Mike&Key Board Meeting Minutes

Held 12-03-2008

Officers present:

X_President - Dick Radford (WA7NIW)
X_Vice President - Tim Kane (K7ANE)
X_Secretary - Ivy Nelson-Groves (WA7IVY)
X_Treasurer - Carolyn Pasquier (WV7Q)
X_Activity Manager - Daniel Stevens (KL7WM)
_Radio Officer - Paul Roth (N7DOH)

Trustees present:

_No. 1 - Frank Tate (NA7O) Excused
X_No. 2 - Steve Cook (KD7IQL)
X_No. 3 - Jeff Stevens (KE7FRJ)
X_No. 4 - Robert Grinnell (KD7WNV)
X_No. 5 - Hal Mueller (N3YX)

Visitors in attendance: Meredith Radford; Loras Gassman; David Smith (KB7PSN), Jim Etwiler (KD7BAT)

Chairman Hal (N3YX) called the meeting to order at 19:02 p.m.

Minutes: A motion to approve the minutes of the previous board meeting was made by Ivy (WA7IVY) and seconded by Steve (KD7IQL). Motion passed.

Officer Reports:

Chairman of the Board - Hal (N3YX): Brief discussion/recap of last board meeting.

President - Dick (WA7NIW): Nothing to report

Vice President - Tim (K7ANE): New member applications: Ted Playle KE7WRH; Jerry Valentine W7OZX; Gregory Orr KE7YFT; all approved by the board. Carolyn will add the newly approved people to the Relay email; the board had no objection.

Suggestion was made to have an introduction to the new members in the Relay with their pictures.

Secretary - Ivy (WA7IVY): Nothing to report.

Treasurer - Carolyn Pasquier (WV7Q): Nothing to report.

Activity Manager - Daniel (KL7WM): Program for December is set (D-Star WA7DAD) and is starting to line up programs for the first three meeting of next year. Chair for Awards banquet is Dawn Humphreys. Daniel discussed the raffle drawing for December.

Radio Officer - Paul (N7DOH): Not present.

Editor Reports:

Relay Editor - Gary (KG7KU): Not present.

Webmaster - Jim (KD7BAT): The website is in good shape. The domain name has been renewed and the hosting fees have been paid for the next year. The library page will be up as soon as the information is received.

Standing Committee Reports:

Strategic Planning - Robert (KD7WNV): Nothing new to report.

Facilities and Publicity - Jeff (KE7FRJ): Nothing new to report. Jeff won't be at the General meeting in Dec.
Education and Training - Hal (N3YX): Nothing new to report.
Public Service - Frank (NA7O): Robert (KD7WNV): We met last month, and had better turnout. All content sections have been assigned, but we still need some help with the advertisement space.

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M&K General Mtg Minutes... [Cont'd from Pg 6]

Technical and Special Interest - Steve (KD7IQL): Nothing new to report.

Special Committee and Project Reports:

Field Day -- Steve (KD7IQL)/ Brendan (KD7IKV): Nothing new to report.

Flea Market - : Daniel reported to the committee that HRO might be interested in coming up if we had a two day event. The board suggested that perhaps they could come up Friday afternoon to set up and sell to the vendors. Mike Dinkleman and Hal Goddell are the contacts for this.

Bell Ringers - Jim (KD7BAT): We had enough people sign up so we will be Fry's and Wal-Mart on Sat. Dec 6.

Old Business -

Bylaws discussion: Chairman for this committee has resigned from the board. There are some ambiguities in the bylaws and these needs to be addressed. It doesn't need to be a full re-write, but just a clarification. Jeff offered to be the chair; Steve and Carolyn volunteered for the committee.

Meeting place for the board meeting: The Salvation army has a youth group meeting, but we could use another room. Robert mentioned that we could have it at his workplace in Bellevue. Jim will contact the Salvation Army and see if we can meet there next month.

Budget discussion: (Notes in addition to the footnotes on the budget printed by Carolyn)

Add a separate line under Education for the Library fund for \$100.

It was discussed in previous Public Service committee meetings to better manage the distribution of the Public Service booklets.

Lowered awards by \$200.

Motion to accept the budget and approve. Daniel moves, and Ivy seconds. Motion carried unanimously.

Dick mentioned that we should put service monitor for the 2010 budget under Capital expenses: new equipment/repair.

New Business - No new business.

Good of the Order - Nothing for the good of the order.

There being no further business, Dick (WA7NIW) moved for adjournment. Motion Passed and Chairman Hal (N3YX) closed the meeting at 21:02 pm.

Next meeting Jan 7th either here or at the Salvation Army.

Attested: Ivy Nelson-Groves (WA7IVY) - Secretary

Report: CQWW CW 2008

by Michael Dinkelman N7WA

This was an interesting contest from a number of different perspectives. For a month, I've been trying to decide whether to go Single Band/20 or Single Band/40. In the end, I went for 20 and had the most fun doing CQWW CW in 3 years. More about that later.

Note that even as I was running SB/20, I still need to rotate my 40M beam because the boom resonates on 20Meters (a problem I'm still working) and if I don't keep the two booms of my two yagis fairly aligned, the SWR and pattern go to heck on 20. After the 20M band died Friday night and I finished dinner, I decided to play on 40M and that's when the control head for the TicRing rotor (points the 40M beam) went nuts. Ouch!, that's gonna hurt the 20M operation. After about an hour (glad this was down time), I found that I

could fake out the control head with a substitute pot, measure the actual pot on the tower with a meter, and manually stop the TicRing when the appropriate resistance was measured. I went on to play Friday night and had a decent time on 40M.



Mike N7WA at the helm, with special observer.

Saturday morning, I continued on with 20M until I made a fateful mistake - I got distracted in the heat of a pileup and forgot to stop the TicRing on time. TicRings have no mechanical stops. Double Ouch! With the binoculars, it looked like the coax parted at the balun. (Climbing the tower Monday - I verified I had wrapped the coax twice around the tower.) Fortunately, it didn't affect my ability to aim the beam but there would be no 40M on Saturday night < sigh >.

So, what about 20M? I had few expectations. The propagation forecasts indicated that from the start. Still, there were some fun runs into Japan. I also linked up with the real time online scoreboard again. Nobody else was in my class (low Power SB/20) until W9ILY popped up Saturday afternoon. Suddenly, I had competition and he was rapidly catching up with me. I had a larger number of Q's and he had a much larger country total (I expect he did better into Europe from the mid-West). He may not know it but he definitely kept me in the chair as he continued gaining on me (within a couple thousand points) until dark hit the mid-West. Then, I padded my Q total and widened the lead for a couple hours with 3 point JA's until we also went dark.

Sunday morning, W9ILY was again on my heels having a couple hours of daylight before me and obvious success with multipliers (now about 20 more than me). As Europe was just peeking here, he passed me up. I worked hard for every multiplier and Q I could get. We changed the lead several times but my advantage in Q totals held in the end and I managed to stay within 18 mults when it was done. W9ILY must have taken Sunday afternoon off (football?) because there were no submissions by him for several hours. I

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Report: CQWW CW 2008... [Cont'd from Pg 7]

used that time to pad my Q total and held the lead from that point on. When night came to the mid-West, his fate was sealed.

Sound corny? Maybe, but this is the second contest I have participated in using lives scores. It's fun to have some live competition and both times, it's kept me in the chair in the face of some slow periods. Check out www.getscores.org for info (there isn't much going on outside of contest hours though). [If you are interested, most loggers support this Web site now and you don't even have to participate to watch the scores being put up.](#)

More on 20.... Yup, Europe stunk big time. However, the JA's totals weren't too bad. Fun surprises included an E51 (North Cooks) calling in while I was CQing to Europe and VP8 (Falklands) calling in while CQing to Japan (along with Svalbard and my only Finland). It was also fun having hearing fellow club member Hal, N7NW doing some contesting with his new antennas down on Fox Island. I also made one Q on 160M when club member Guy, N7ZG dropped by while I was on 40M (he was doing All Band). I used the 40M beam and didn't even bother with the tuner, working him from a couple miles away with the rig completely folded back.

Mike N7WA, overcoming all obstacles and challenges

There was one more obstacle on Sunday afternoon that wasn't entirely unpleasant. (See pictures.) It was totally out of character but I wasn't going to push her away either even though it made typing quite difficult. [*Purrrrrfect place to sleep.*]
--Mike N7WA

Check It Out: *Relay* Newsletters

By Jim Etwiler KD7BAT Webmaster

The web page <http://www.mikeandkey.org/relay.htm> that lists links to the back copies of the *Relay* is getting larger! Mike Dinkelman (in his spare time) has obtained most of the back issues of the *Relay* and scanned them in. That's over 3800 pages of scanning and formatting into PDF files.

As of this writing, I have posted all the issues from 1990 to the present that we have. As soon as I can get the rest of the copies posted, we will have copies of the *Relay* back to 1973!

We are missing a few issues. If you have a copy saved in a notebook, please contact Jim Etwiler, KD7BAT, so I can arrange to scan the copy and return it to you. Then we will have a complete set posted on the web. We are looking for the following issues: October 1997, January 2001, and March 2001.



Playing a little catch-up...

BTW...Did U Pay Dues @Oct. Mtg?

Jack Grimmert, N7IHS

I sat in for Carolyn at the October meeting to collect the dues and pay the bills and collect dues.

During that meeting two members paid their 2009 dues in cash. I had forgotten the receipt book so I had them right their name on the back of the roster I had with me. Unfortunately I can't find that roster. If you are one of the two members, please contact me 360-417-2680, 206-437-2841 or email me at jagrimmett@wavecable.com.

If you are one of those members, then Carolyn WV7Q needs this information to update the roster and make sure you get credit for your dues payment. Thank you.

Lake Chelan Radio Club

by Ken Rau K7YR

To the Mike and Key Amateur Radio Club --
Greetings from Lake Chelan

Just a short note to announce that the lake Chelan Radio Club has installed a second two meter repeater on Slide Ridge just above Manson. The repeater is a Motorola MSR 2000 and is located at 4,900 feet AMSL or about 3,800 feet above Lake Chelan. Primary coverage is the Lake Chelan Basin up lake to Stehekin. This is a welcome addition, as there has not been any Amateur Radio repeater coverage on the upper end of the lake.

The Repeater also covers the I-90 corridor from George through Moses Lake and on to Ritzville. State Highway 2 coverage From Highway 97 through to Davenport is expected. This repeater complements the Moscow Mountain and the Goldendale '82 machines.

We have chosen the frequency of 146.82 with tone access of 103.5 Hz. Our choice of frequency and tone was made to accommodate the many of the "West Side" visitors we have visiting. No reprogram-

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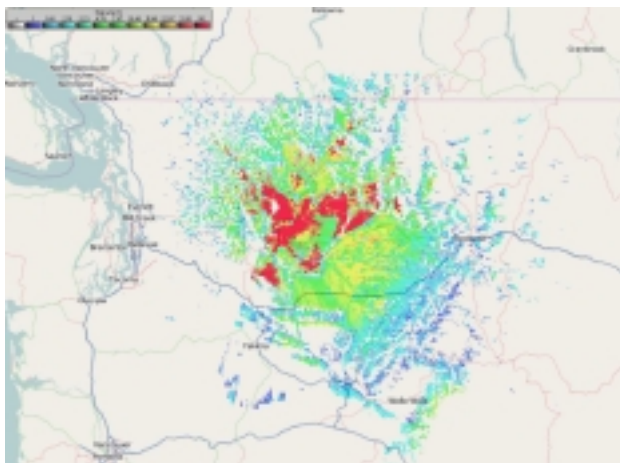
Lake Chelan Radio Club...[Continued from Pg8]



A view from the Lake Chelan Club repeater site.

ming necessary. We also transmit the same tone for your tone-operated receivers.

The Lake Chelan Radio club also supports its 147.100 (no tone required, but transmits 94.8 Hz) and 444.525 (94.8 Hz) repeaters. The 147.100 repeater covers Blewett Pass, the east side of Stevens Pass, Wenatchee, Upper North Central Washington and areas to the east.



A view of the RF coverage of the Lake Chelan repeater.

We look forward to hearing some old-time familiar voices and calls when you are in the area. --73... Ken K7YR... ken@rmtw.com

Club Member Reminder...

New Club Library Established

by Tim Kane K7ANE, Vice President

At their June meeting, upon the proposal of VP Tim Kane K7ANE, the M&K Board approved the creation of a new club reference and lending library. The Education Committee was tasked with recommending books to be added. All members are

K7LED Relay

encouraged to suggest volumes to the Committee which they think would be valuable or helpful references for the membership. The books in the library include the newest editions of:

- Technician Class License Manual
- General Class License Manual
- Extra Class License Manual (w/July '08 questions)
- ARRL Operating Manual, 9th edition
- 2008 ARRL Handbook
- ARRL Emergency Communication Handbook
- ARRL DXCC Handbook, 2007 edition
- ON4UN's Low Band DXing
- ARRL's VHF Digital Handbook
- ARRL Antenna Book, 21st edition.

While the Board was considering the current club budget for possible funding of these purchases in this fiscal year, a spontaneous and generous donation by an anonymous club member privately covered the costs of these seed volumes.

After the initial library proposal at a previous general meeting, another member stepped up to help make the library readily accessible to club members. Tokuzo, AD7JA, has an electronics repair shop in the Skyway neighborhood, quite centrally located, about 2.5 miles west of our Renton meeting site.

Club members are able to check-out books or make copies of particular articles of interest at Tokuzo's shop, during his normal business hours, Monday through Saturday. The procedures will be published as soon as the books arrive and details are worked out.

It was also pointed out that other members might have other titles or editions of books of amateur interest that they might wish to donate to the library. Alternatively, they might want to donate cash to support our library fund. The Board encourages all members to help in any way they can. Contact VP Tim K7ANE if you wish to donate books, or Treasurer, Carolyne WV7Q, for cash.

This is a great opportunity to provide a valuable educational and reference resource for all our club members, newcomers and old-timers alike. We hope you'll all contribute to the effort, and equally importantly, that you'll use the library regularly.

Season's Greetings

-- From The --

**Mike&Key Amateur Radio Club
Happy Holidays to all the Ham
Radio Operators out there.**

Ham Nets & Events -- DECEMBER 2008 / JANUARY 2009

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
14 2000 -- King Co. ARES 147.08 (Weekly) 2200 -- NW Astronomy Net 145.33 (Weekly)	15 0545 & 1645 -- Weather Net 145.33 (M-F) 1730 -- Puget Sound Traffic Sys. 146.82 (Daily) 1900 -- Seattle ACS 146.90 (Weekly)	16 2000 -- Snohomish Co. RACES 146.92 (Weekly)	17 2000 -- General Tech Info 145.33 (Weekly) 2100 -- NWSOAR Net 146.82 (Weekly)	18 1900 -- M&K Public Service Net 146.82 (Weekly) 2000 -- Computer & Packet Net 145.33 (Weekly)	19 2000 -- Youth Net 145.33 (Weekly) <u>Public Service--</u> -Santa Talks, Seattle- contact Tim K7QMI for actual date & time	20 1000 -- M&K Club Meeting, Renton 1300 -- Ham Radio Exams, Renton 2000 -- Amateur TV Net 147.08 (Weekly)
21 1915 -- Kids Net Net 145.49 (Weekly) 2030 -- Snohomish Co. ARES 146.92 (Weekly)	22 1800 -- WA Emerg. HF 3.985 (Weekly) 1830 -- WA ARES 3.985 (Weekly) 1930 -- PSRG 146.96 (Weekly)	23	24	25 <i>Christmas Day</i>	26	27 0900 -- WA ARES HF Net 3.985 (Weekly)
28	29 2000 -- YL Net 145.33 (Weekly)	30	31	01 JANUARY - 2009 - <i>Happy New Year!!</i>	02	03
04	05	06	07 <i>M&K Board Mtg</i>	08	09 <i>Relay Articles Due</i>	10