



From the Hot Seat...

EMERGENCY PREPAREDNESS

by Sam Sullivan N7RHE, President

With the recent record rainfall and the ensuing floods we must be prepared to assist the Red Cross and other agencies. Now we're shifting into mountain pass problems with the snow. I just returned from 11 days at a hunting camp and the rain became a concern on the other side of the mountain. The road we came home on had severe problems two days after we got back. I've asked before, are any club members active in RACES or ARES? I would appreciate if someone could write an article on these subjects, or even better put on a program. I'm in contact with the Kent Fire department emergency management coordinator about future use of ham radio to support their EOC operation. I expect more on this after the first of the year. Remember to have your "go" bag ready and keep those batteries charged.

The FCC recently released Report and Order on Docket 04-140 has not yet been printed in the Federal Register so the 30-day clock for the changes to take effect hasn't started.

Does anyone have a need for another work party? Do need help with a tower or antenna project? Restore an old rig? Remember that many hands make for light work.

For education ideas or to join the committee, contact Hal KE7BYN or Guy N7ZG. For the technical committee contact Steve KD7IQL. If you have any ideas for a program or would like to present a program contact Dawn KC7YYB. To assist the radio officer contact Paul N7DOH. For field day, contact Brendan, KD7IKV or Steve, KD7IQL.

Bell Ringers Wanted

by Michael Dinkelman N7WA

I'm still looking for Bell Ringers. The Salvation Army would love it if we would take a day in December and ring bells for them at a local store. A few years ago we did this at the Fred Meyer in Renton and had a great time.

I propose we offer our services to the Salvation Army on the second Saturday of December (the 9th). But first, we need some volunteers. I think we would need 12 as a minimum to do the job, and I'm not even close to that number. You have one more chance to sign up at the November Club meeting and if we get enough people, I'll have Jim KD7BAT take it to the Salvation Army and see what arrangements will work for them.

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

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

**Postal Address**

P.O.Box 4234
Renton, WA 98057-4234

Web Site

www.mikeandkey.org

Send dues to

Jack Grimmett, Treasurer
33 Peterson Road
Port Angeles, WA 98362-8102

K7LED Repeaters

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

Email

info@mikeandkey.org

Send newsletter submissions to

Gary Bryan, *Relay* Editor
34033 33rd Ave SW
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Reflector

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

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No. 3	Guy Molinari	N7ZG	guy_molinari@hotmail.com	253-630-2992
No. 4	Stephen Cook	KD7IQL	kd7iql@arrl.net	206-781-2293
No. 5	Frank Tate	NA7O		206-762-4732
Logo Committee	Dan & Dawn Humphrey	N7QHC / KC7YYB	n7qhcdan@juno.com	206-243-0163
Webmasters	Jim Etwiler / Dave Smith	KD7BAT / KB7PSN	kd7bat@arrl.net	206-633-1512

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 events:

VEC testing, membership, past edition of the *Relay* and more.

Reflector — The 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.

Flea Market 2007

[There was no meeting held in November.
The next meeting is scheduled for December 5.]

A. P. R. S. - - a 'Refresher'

by Dave Dobbins K7GPS

The Automatic Position Reporting System (APRS) was first developed in 1991 by Bob Bruninga, WB4APR, to track mobile assets and plot fixed assets on a computer screen. Early versions of APRS ran on a DOS application and used line vectored maps to represent roads, lake and water boundaries, and other simple items. A GPS-equipped vehicle would have its position automatically updated as it moved down the road.

Radio signals from the originating stations would be repeated through remoted mountain top digipeaters, allowing others running APRS to see distant activity. Over the years APRS has blossomed to include Windows, Macintosh, Unix, Linux and PDA versions and has integrated highly detailed street-level map programs including MapPoint, StreetAtlas, Precision Maps, and others. For SAR interest groups, a linking program called DMapper allows APRS stations to be plotted on MapTech topographic maps.

APRS has been widely used for special event vehicle tracking, marathons, bike rallies, high altitude balloon events, and keeping track of the spouse's driving around town! In 1996 Dave Dobbins, K7GPS, formed the Northwest APRS group and began leading an effort to develop APRS in Washington, Oregon, Idaho, and Montana.

The Canadian provinces of British Columbia, Alberta, and Northwest Territories were added over time, to create the largest sub-group of APRS interest which has grown to a worldwide activity for many hams.

Within the NWAPRS are over 500 operators with APRS equipment in their homes, offices, vehicles, airplanes, boats, motorbikes and bicycles.

More information can be found on the group's website at nwapr.info, and a group mailing list is available to help newcomers and keep the group well-informed of current activities. One final note, the group holds two meetings a year. One is a regional one-day Winter Gathering in February, and a gala three day Summer Gathering in September in nearby North Bend, WA. In September 2007 the NWAPRS group will celebrate their 10th annual Summer Gathering, and all hams are invited to join in the fun.

HOLIDAY FUN IS COMING!

Who: Mike & Key members and family too!

When: **Saturday, December 9**

Where: Vince's Italian Restaurant
2815 NE Sunset Blvd
Renton, WA

Time: 6 pm to 10 pm

Bring: A generic gift of up to \$10 value

Food: Provided courtesy of the Mike & Key Club

Holiday trivia, prizes to win, white elephant gift exchange and good food. There's fun for adults and kids alike. So come join the fun. Let's all get together and start the holiday season off with lots of good cheer. Hope to see you and yours there!! Please RSVP.

Pam Bryan, glacialview@att.net or 253-661-7882.

Sights & Sounds by Sunrise

by Dawn Humphry KC7YYB, Activity Committee Chair

Boy, has Fall come in with all of its fury! I'm hoping by meeting time this deluge will be over, and we might see glimpses of the 'orb' of just a month ago. However, many of our snowbird friends have already headed south for the winter. Some, however, have said they'll wait until after Christmas, and then there's the rest of us, who either because of work, school, or lack of funds or even perhaps just the love of our region's climate, will be still here, when these birds return again to get away from the heat -HiHi.

Meanwhile, my thanks to Dave KB7PSN for stepping up last month while we were away. I also appreciate the way you folks have continued to add to the year-end coffers. We will be heading off to HRO sometime this month to gather "radio related" items with the funds left over from our monthly prize purchases.

This month's program was arranged by Ted Boessenroth N0YC who arranged it with Dave Dobbins K7GPS out of Spokane area. Let's all hope for good things for Dave as he traverses the pass during this unpredictable weather season. From his write-up (see 'A.P.R.S. - A Refresher' article on this page), this sounds like it will be a very interesting presentation, since many new vehicles are fitted with these units. Plus, perhaps you might want to know where the crooks have taken your stolen car -- and get it back before it goes to a "chop-shop" or is painted and re-sold by an unscrupulous person. Just a thought-HiHi.

We will also be very happy to see our VP, Carolyn WV7Q, back from her travels back to the midwest. Ask her about the scariest part of her trip home - the first pass closure of the season! Not fun! Hope to see you all on the 18th.

Labelers Wanted

by Michael Dinkelman N7WA

I expect to have Fleamarket flyers ready to be labeled by the November Club meeting weekend. I am looking for volunteers to do the labeling. This is a simple but fairly easy job (you can do it while watching the tube), and is essential to the success of the event. We send flyers to almost 12,000 hams in Western Washington. The labels come on large preprinted sheets sorted by zip code. I have a couple of special people (thanks Jean and Earl) who have taken large chunks of these over the years but the more people that help, the fewer each of us would have to do.

So let me know if you want a couple thousand flyers (or so) and I'll do what I can to accomodate you. contact me at mwdink@eskimo.com or 253-631-3756.

MicroHams -- Taking A Proactive Training Posture

Email received from Scott Honaker N7SS

Microhams has posted a new class schedule for 2007. We may be sponsoring additional classes with cooperation from other groups. The locations for each class will be posted on the Microhams web site. This year we have added two General courses to the schedule. The FCC issued its Notice of Proposed Rule Making regarding the complete elimination of the morse code requirement more than a year ago. Now we're just waiting for a final ruling.

If the FCC NPRM passes, this will offer a quick upgrade path to General before the Question Pool Committee changes the test in June 2007. Please help us spread the word. Interested in Amateur Radio? Want to become a ham? Know someone who is interested? The Technician class license is the first of the FCC Amateur Radio licenses.

In 2007 Microhams will be sponsoring entry-level Technician courses February 9-11, April 13-15, September 21-23 and November 9-11. General upgrade courses will be March 6-18 and May 25-27. Classes run 7:00pm-10:00pm Friday, 9:00am-5:00pm Saturday and 9:00am-noon Sunday. The class is available to anyone but preregistration is requested because there is limited seating and materials. Testing will start at 1:00pm Sunday and is also open to the public by reservation. The classes cover the entire Element 2 (Technician) or Element 3 (General) question pools .

The courses run \$35 and includes a textbook, handouts and the testing fee. The W5YI Technician Class book by Gordon West will be provided including

a number of other handouts. If you already have the book (available locally from Fry's Electronics, ABC Communications, Barnes&Noble or Borders), the class fee is \$20. Testing is also open to anyone for any license class but those not enrolled in the class will need to pay the standard \$14 testing fee.

To register or for additional information contact Scott Honaker at n7ss@arrl.net or visit <http://www.microhams.com/softcontent.aspx?sclid=31>.

Thanks, Scott N7SS

Excerpt from the ARRL Newsletter...

The ARRL Letter
Vol. 25, No. 45
November 10, 2006

==>SUITSAT-2 TO HAVE AMATEUR RADIO TRANSPONDERS

Plans to launch a second "SuitSat" spacesuit-turned-satellite were the subject of discussions and presentations at the recent AMSAT Space Symposium and Amateur Radio on the International Space Station (ARISS) International Delegates' meeting near San Francisco. Despite a weaker-than-anticipated 2-meter signal, SuitSat-1 -- a surplus Russian Orlan spacesuit fitted with an Amateur Radio transmitter -- sparked the imagination of students and the general public and turned into a public relations bonanza for Amateur Radio. ARISS now hopes to capitalize on the concept by building an even better SuitSat that will include ham radio transponders.

"The whole science fiction aspect" of SuitSat-1 made it attractive, ARISS International Chairman Frank Bauer, KA3HDO, told the AMSAT Space Symposium in October. "From our perspective it was a tremendous success." Bauer said the experience gained through SuitSat-1 "will provide the stepping stone to get to the next level." The next-generation SuitSat also will re-use another surplus Orlan spacesuit.

The ISS Expedition 12 crew of Bill McArthur, KC5ACR -- who was the AMSAT Space Symposium's banquet speaker -- and Valery Tokarev released SuitSat-1 into orbit. SuitSat-1 transmitted its voice message -- "This is SuitSat-1 RS0RS!" -- in several languages plus telemetry and an SSTV image on an eight-minute cycle as it orbited Earth. The unusual spacecraft's radio signal was heard around the globe, although only the best-equipped Earth stations could copy it. Designated by AMSAT as AO-54, SuitSat-1 remained in operation for more than two weeks. It re-entered Earth's atmosphere September 7.

[Continued on Page 5]

ARRL Letter... [Continued from Page 4]

Lou McFadin, W5DID, who headed the SuitSat-1 hardware team, told the AMSAT Space Symposium that SuitSat-2 will incorporate some features his team didn't have the chance to accomplish the first time around. For starters, the second SuitSat will have an onboard Amateur Radio transponder using digital signal processing (DSP) techniques. McFadin says the team is looking at SuitSat-2 as a test bed for the hardware that AMSAT plans to launch on its Phase 3E "Eagle Project" satellite, which will employ software defined radio (SDR) technology.

"With DSP, we can do more than one thing at once," he said. Among them are an SSB Mode U/V transponder, an FM crossband transponder, a CW ID that offers a contest for listeners to copy as many of the call signs as possible, a digipeater and four slow-scan TV (SSTV) cameras. Other experiments are yet to be determined. Solar panels -- something SuitSat-1 did not have -- will energize the hardware and recharge SuitSat-2's batteries.

An ISS crew could launch SuitSat-2 during a spacewalk as early as next fall. It could have an operational lifetime of six months or longer.

"We're going to have so much fun with this," McFadin predicted, adding that one goal of SuitSat-2 will be to attract newcomers to Amateur Radio.

Public Service Committee Minutes

[The Public Service Committee did not meet in October.]

General Meeting Minutes- October 21, 2006:

Officers present:

- x_ President – Sam Sullivan (N7RHE)
_Vice President – Carolyn Pasquier (WV7Q)
x Secretary – Dick Radford (WA7NIW)
x Treasurer – Jack Grimmer (N7IHS)
_Activity Manager – Dawn Humphrey (KC7YYB)
x Radio Officer – Paul Roth (N7DOH)

Trustees present:

- _No. 1 – Brendan Burget (KD7IKV) Chairman of the Board
_No. 2 – Pam Bryan (N7PRS)
_No. 3 – Guy Molinari (N7ZG)
x No. 4 – Steve Cook (KD7IQL)
_No. 5 – Frank Tate (NA7O)

President Sullivan called the meeting to order at 10:00 AM. at the Salvation Army building in Renton, Wa. All members and guests recited the Pledge of Allegiance.

President Sullivan made several 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; smoking is allowed in the parking lot but not in front of the chapel. Members and guests introduced themselves. The question of the day was whether people participated in contests other than Field Day.

Quorum barely present.

Minutes: Motion to approve the minutes of the previous meeting as printed in the K7LED Relay made by Steve KD7IQL and seconded by Littlejohn WA7HQG. Motion passed.

Officer Reports:

President – Sam N7RHE: The next Mike & Key General Membership meeting is November 18,2006.

Vice President – Carolyn WV7Q: Not present. Two approved membership applications not voted on due to the applicants not being present.

Secretary – Dick WA7NIW: Correspondence from Mitch Gill K7TUT, and a request for ham help at a public service event that occurs in the past. Maybe we can do this event in the future.

Treasurer – Jack N7IHS: The Club's books are in good order. Gave Balance Sheet summary.

Radio Officer – Paul N7DOH: All of the equipment has been collected to put the repeater up on the hill.

Activity Manager – Dawn KC7YYB (No report). Dave reported that we have prizes available for the Raffle, and a Video for the program for today regarding Elmering. Next month there will be a presentation on APRS.

Chairman of the Board – Brendan KD7IKV (No report) [The Mike & Key Board meets October 25, 2006 at Galliano's Cucina in SeaTac].

Webmaster – Jim KD7BAT: not present

Standing Committee Reports:

Technical – Steve KD7IQL: Nothing new to report.

Education – Guy N7ZG (No report)

Facilities – Brendan KD7IKV: No report.

Public Service – Pam N7PRS:

Strategic Planning – Frank NA7O: No report.

Flea Market -- Mike N7WA: Planning is on schedule. Still need a Chair for Hospitality. If you have an RV or can get one and are willing to take this job it will be greatly appreciated by the Flea Market workers. Mike is also organizing an activity where we will do bell ringing for the Salvation Army on an upcoming Saturday.

VE Exams -- Scott AG7T: One examinee last month, passed.

Field Day -- No report.

Awards Banquet - Scott KC7UOC: Nothing to report.

Old Business:

Alligator Award- Nothing new

New Business –

The Board needs budget input for the planning process, which is happening the next couple of meetings. [Continued on Page 6]

November 2006

General Mtg Minutes... [Continued from Page 5]

Fort Flagler wants a list of things that we would like to have done to the barracks to make it more fit our needs as users. There will be a work party at the Fort to improve the facilities there on Super Bowl weekend with arrangements made to watch the game after the work party.

Regarding the possible move to another location, we still don't have enough members who have signed up to work at the Renton EOC, so if we want to move there we will have to pay for meeting space, Parking at the present location is improving as construction winds down.

Discussion of Relay delivery methods, we have pretty much optimized the process. We need more people receiving the relay by email to reduce the costs, but the present way of mailing gives the best quality of delivery of any method we have tried.

Discussion of JOTA regarding participation by Mike and Key.

Good of the Order –

Littlejohn is having an antenna/tower raising party on November 4th at 10:00 AM.

Sign up now for Flea Market.

Alan has towers and antennas to get rid of.

There being no further business, Steve KD7IQL moved to adjourn.

Motion passed, and President Sullivan closed the meeting at 10:29 AM

FLASH ANNOUNCEMENT!!! We have the Wagon Wheel for Field Day next year.

Attested: Dick Radford WA7NIW, Secretary

Board Meeting Minutes- October 25, 2006:

Officers present:

President – Sam Sullivan (N7RHE)

Vice President – Carolyn Pasquier (WV7Q)

Secretary – Dick Radford (WA7NIW)

Treasurer – Jack Grimmert (N7IHS)

Activity Manager – Dawn Humphrey (KC7YYB)

Radio Officer – Paul Roth (N7DOH)

Trustees present:

No. 1 – Brendan Burget (KD7IKV) Chairman of the Board

No. 2 – Pam Bryan (N7PRS)

No. 3 – Guy Molinari (N7ZG)

No. 4 – Steve Cook (KD7IQL)

No. 5 – Frank Tate (NA7O)

Visitors in attendance:

Chairman Brendan called the meeting to order at 7:00p.m. at Galliano's Cucina in SeaTac, Wash.

Minutes: A motion to approve the minutes of the previous board meeting, was made by Sam and seconded by Steve. Motion passed.

Officer Reports

Chairman of the Board – Brendan KD7IKV: Nothing to report.

President – Sam N7RHE: Noticed that attendance sheets are in short supply in the VP's case.

K7LED Relay

Vice President – Carolyn WV7Q absent, Sam filled in. New applicants: Timothy Kane KE7JVV, and Tokuzo Okumura AD7JA. Both were approved by the Board, to be recommended to the Club at the next General Membership meeting.

Secretary – Dick WA7NIW: Nothing new to report at this time.

Treasurer – Jack N7IHS: Reported on expenses. Has received requests for funds without proper receipts. Discussion of policy regarding reimbursement for expenditures. Current policy is that all expenditures must be approved by the event chair and that they must be submitted no later than the second board meeting following the event.

Activity Manager – Dawn KC7YYB: Not present.

Radio Officer – Paul N7DOH: All parts are here with the exception of a link radio receiver that is awaiting the closing of an E-Bay auction. We have contacted all of the adjacent repeater owners that share our frequency pair and are awaiting coverage data for our new coordination application.

Committee Liaison Reports

Facilities – Brendan KD7IKV: Nothing to report.

Needs to reorganize the closet at Salvation Army.

Strategic Planning – Frank NA7O: Not present, no report.

Technical – Steve KD7IQL: Nothing new to report at this time.

Public Service – Pam N7PRS: Nothing new to report at this time. Data collection is starting for the new booklet.

Education – Guy N7ZG: Not present.

Field Day – Brendan KD7IKV / Steve KD7IQL:

Reservations for the Wagon Wheel, and Barracks are in. Negotiations are in progress for getting the Hostel as well.

Christmas Party: Pam N7PRS: Scheduled for the second Saturday in December.

Old Business-

Dick WA7NIW- No news on the MOU as of this time.

Budget: The board went over the proposed budget, which was based on previous discussion. We will need to purchase another Presidents' Plaque soon due to only one spot being left on the old one. There was spirited discussion of various items.

New Business-

Sam reported that the Kent Fire Department has expressed an interest in having a Technician class for their personnel. There was discussion of locations for storing the trailers. Pam moved that we investigate at a storage facility as to what it would cost to store our trailers. Steve seconded. Motion passed. Dick Vance will handle the item.

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

There being no further business, Sam moved for adjournment. Motion Passed and Chairman Brendan closed the meeting at 8:25pm.

Attested: Dick Radford WA7NIW -- Secretary

-- REFERENCE USE ONLY --



**EMERGENCY NEWS
FROM THE STATE OF WASHINGTON**

State Emergency Operations Center, Camp Murray, Washington
Emergency Management Division, Washington Military Department

For immediate release
News release no. 12--with corrections
November 10, 2006 • 2 p.m.
Contact: Rob Harper
Phone: 800-688-8955 (media only)
Web address: www.wadisasternews.com

CORRECTION: This release originally had an incorrect number for Snohomish County. The correct number is 425-388-5060.

Where to report damages

For people who have been affected by this week's floods, there are two places to report damages: their insurance company (if they have one) and the emergency management agency in the county where they live. Counties already are collecting damage information from homeowners and small business owners. They have established phone numbers and web sites, below, for that purpose. Unless indicated otherwise, callers will be able to talk to a person or leave a message.

Jurisdiction where you live	Phone number to call	Notes	Internet, if available
Chelan County	509-667-6863 (Sheriff's Office)	You can also report damages at the county's website.	www.chelandem.org
Clallam County	360-417-2525	-	-
Clark County	360-992-9229	8 a.m. - 5 p.m. After hours, leave message at 360-737-1911, ext. 3948.	-
Cowlitz County	360-577-3130	-	-
Grays Harbor County	Report on web site, only.	-	http://www.co.grays-harbor.wa.us/info/DEM/EMD140.htm
Island County*	See Note for specific location	North Whidbey, 360-679-7370 South Whidbey, 360-321-5113, ext. 7370 Carnano Island, 360-629-4523, ext. 7370	www.islandcounty.net/gsa/des/StormDamage.htm
Jefferson County	360-385-9368	-	-
King County	800-523-5044	8 a.m. to 5 p.m.	-
City of Seattle	206-386-1800	-	-
Kitsap County	360-307-5870	-	-
Kittitas County*	509-967-7525	-	-
Klickitat County*	509-493-6029	-	-
Lewis County	360-740-1152	-	-
Mason County	360-427-7535	-	-
Okanogan County	509-422-7206	8 a.m. to 5 p.m.	-
Pacific County	360-875-9340	-	-
Pierce County	1-866-798-6363	8 a.m. to 5 p.m., Mon-Sun	-
San Juan County*	360-378-9932	-	-
Skagit County	360-428-3260	8 a.m. to 4 p.m., Thur-Sat this week and Mon-Fri next week.	-
Wahkiakum County	360-795-3242	-	-
Whatcom County	360-676-6681	-	-
Yakima County*	509-574-1900	-	-

*COUNTIES ADDED TO PROCLAMATION, NOV. 9

Information that individuals should report includes the following:

- Name and address of affected property.
- A description of damage, even if it is insured.
- A personal estimate of **uninsured** losses.
- Estimates of the fair market value of the damaged home or business.

This preliminary information will be forwarded to the State Emergency Management Division, which will perform a formal damage assessment in partnership with FEMA in the coming days. Findings from this formal assessment will be used by the Governor to request a disaster declaration and federal disaster assistance from the President. This process could take up to couple of weeks or more. Federal disaster assistance, if and when it becomes available, only covers **uninsured** losses.

Among the immediate steps that individuals and families impacted by the floods should take, include:

- Notifying the American Red Cross chapter in your community if you need housing, food, etc.
- Calling your insurance agent to check on your coverage.
- Keeping detailed records of all clean-up and repair costs, including photographs.

A detailed list of steps that affected individuals should take to clean up their home or business and document damage is available from the state's disaster news web site, <http://www.wadisasternews.com/go/doctype/1105/13013/>, or by contacting local emergency management offices or health departments.

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-- REFERENCE USE ONLY --

Washington Emergency News

-- On the Web --

by Gary Bryan KG7KU

Prompted by the article by Sam N7RHE, President of the Mike & Key ARC, on Page 1 of this edition of the *Relay*, I did some searching for Emergency information pertinent to the November Flood event, and then decided to write this article.

ARES, which is the acronym for Amateur Radio Emergency Services, is very active during emergency events. ARES members form quickly in response to the unique needs of each situation. You can find information about the activities of ARES on the web at the County and State levels, using the following links:

King County - www.aresofkingcounty.org
Washington State - www.wastateares.org

On these websites you can find useful links to other agencies of related interest and value. As an example, the presentation in the left-hand column of this page shows the Emergency News from the State of Washington. To get to this report, I selected the 'wastateares' website which provided a screen which shows the many different types of activities related to the operations and workings of the ARES organization. I clicked on the 'links' tab, and a page was displayed which contained another link to the: [Washington Military Department Emergency Management Division](http://www.washingtonmilitarydepartment.com/emergency-management-division/), so I clicked on this link and looked at the Directory on the left-hand side of the web page, and clicked on the 'News & Information' link, which then presented me with the document which you see on the left.

The EMD site is very informative, with links to NOAA and other related Government agencies. Be sure to visit the ARES site often and become familiar with the useful links it provides. Also, to become more aware of the local activities and relative complexity of the operations of the King County ARES team, tune in to their weekly Net, held every Sunday evening at 2000 hours on the Mike & Key Club's 146.82 repeater. Check in as a visitor, and you will likely hear me check in to the Net, too. See you there!

[Be advised -- the information presented in the left-hand column of this page is for 'REFERENCE USE ONLY,' since the information can be revised at any time. Be sure to visit the website for the most accurate and current information.]

Ham Nets & Events for 2006 -- NOVEMBER / DECEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
12 2000 -- King Co. ARES 146.82 (Weekly) 2200 -- NW Astronomy Net 145.33 (Weekly)	13 0545 & 1645 -- Weather Net 145.33 (M-F) 1730 -- Puget Sound Traffic Sys. 146.82 (Daily)	14 2000 -- Snohomish Co. RACES 146.92 (Weekly)	15 2000 -- General /Tech Info 145.33 (Weekly) 2100 -- NWSOAR Net 146.82 (Weekly)	16 1900 -- M&K Public Service Net 146.82 (Weekly) 2000 -- Computer & Packet Net 145.33 (Weekly)	17 2000 -- Youth Net 145.33 (Weekly)	18 1000 -- M&K Club Meeting 1300 -- Ham Radio exams
19 2030 -- Snohomish Co. ARES 146.92 (Weekly)	20 1800 -- WA Emerg. HF 3.985 (Weekly) 1830 -- WA ARES 3.985 (Weekly) 1930 -- Puget Sound Repeater Group 146.96 (Weekly)	21	22	23 2000 -- Amateur TV Net 147.08 (Weekly)	24	25 0900 -- WA ARES HF Net 3.985 (Weekly)
26 <i>Public Service:</i> Seattle Marathon	27 2000 -- YL Net 145.33 (Weekly)	28	29 1900 - M&K ARC Board Meeting	30	01 December	02 0900 -- NW Swap Net 145.33 (Weekly)
03 <i>Public Service:</i> Special People's Cruise, Seattle	04	05	06	07	08 <i>Relay deadline</i>	09 Bell Ringing, Salvation Army 1800 -- M&K ARC Holiday Party - Vince's in Renton
10	11	12	13	14	15	16 1000 -- M&K Club Meeting 1300 -- Ham Radio exams