



*From the Hot Seat...*

**PLANNING FOR THE FUTURE**

by Sam Sullivan N7RHE, President

The August 26<sup>th</sup> work party was a great success. The tower trailer was re-decked and the electric brakes tested. Both the tower trailer and the equipment trailer bearings were inspected and repacked. Both trailers had new standard 7-pin light and brake connectors installed. Thanks to all those who participated.

For several months, the board has been discussing future enhancements for field day. We are pursuing replacement of the equipment trailer with one large enough to house the new generator as well as the items presently in the equipment trailer. This would reduce the number of trailers to move each year from three to two -- the new trailer and the tower trailer. Investigation so far has revealed very high market prices for used trailers of unknown condition.

We have located a source for a new 6 x 12 trailer with heavy-duty axle, and tires. It would come with electric brakes. We estimate that the project price for the trailer, tax, license, new gasoline tank, new electrical panel with GFI breakers complete and ready to roll would be \$4,000. We will put it into next year's budget. If the Board decides to proceed before the end of the year, the general membership would have to approve a revised budget. Please contact your Board members with any suggestions or other feedback.

The license class is in the final planning stage. Hal KE7BYN, has confirmed with Mark Sheppard a Seattle ACS to co-sponsor the 9/23-24 Technician class. We will have a room TBD at South Seattle Community College. More information will follow soon. If you would you like to help, contact Hal or Guy N7ZG.

Does anyone have a need for another work party? Do need help with a tower or antenna project? Restore an old rig? Remember - 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.

**Technician Class -- Room for More**

by Hal Mueller KE7BYN

We have a nice group already registered for our upcoming class, but there is still plenty of space for your spouse, parent, or child.

The Mike & Key Club, together with Seattle ACS (Auxiliary Communications Service), will present a Technician Class Licensing Course on Saturday and Sunday, September 23 and 24.

Course will be held at South Seattle Community College, in Olympic Hall Room 202. Course runs 8-4 on Saturday, and 8-3 on Sunday, with VE testing at 3. Cost is \$35.

Course registrar is Hal Mueller KE7BYN. If you, a member of your family, or a friend or co-worker is interested in starting in ham radio, contact Hal at ke7byn@arrl.net or (206) 297-9574.

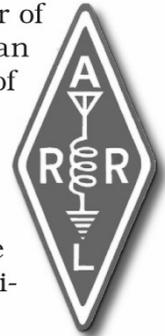
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The *K7LED Relay*, published monthly, is the official newsletter of the Mike & Key Amateur Radio Club. Mike & Key ARC is an ARRL-affiliated club dedicated to the growth and betterment of Amateur Radio.

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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**Web Site**

[www.mikeandkey.org](http://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](mailto:info@mikeandkey.org)

**Send newsletter submissions to**

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**Reflector**

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

**Club Contacts**

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<b>No. 5</b>	Frank Tate	NA7O		206-762-4732
<b>Logo Committee</b>	Dan & Dawn Humphrey	N7QHC / KC7YYB	<a href="mailto:n7qhcdan@juno.com">n7qhcdan@juno.com</a>	206-243-0163
<b>Webmasters</b>	Jim Etwiler / Dave Smith	KD7BAT / KB7PSN	<a href="mailto:kd7bat@arrl.net">kd7bat@arrl.net</a>	206-633-1512

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

**On the Web** — The club's site at '[www.mikeandkey.org](http://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](mailto:kg7ku@arrl.net).

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## Flea Market 2007 Kickoff

by Mike Dinkelman N7WA

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Summer is almost gone and that means it is time to start thinking about..... the **FleaMarket**. Yes, the 2007 event is only six (6) months away and while that isn't much to be concerned about for most of the Club, it is time to get organized.

The initial meeting will be held October 10<sup>th</sup> at the Dinkelman residence (east of Kent) at 7PM. This is a meeting primarily for Chairpersons but all those interested in FleaMarket business are welcome to attend. We'll discuss items related to this year's efforts and probably perform a post-mortem of last year's event.

The following have spoken up (or not) as returning Chairs:

Facilities – Hal, N7WA

Registration – Diane, KB7DNE

Pallet Crew – Gary, KG7KU

Tickets – Kathy, KB7QMO and Jim, N7MU

Publicity, Setup, & general flunky – Mike, N7WA

Treasurer – Jack, N7IHS

Country Store – not heard

Security – not heard

Announcing – not heard

VE Exams – not heard

Telephones – not heard

Hospitality – We have a definite vacancy in this position as Wayne has decided to step away from this duty. Is there an interested person?

At the very least, the rest of you need to block out some time in March: Friday March 9<sup>th</sup> and Saturday March 10<sup>th</sup> to be exact. Consider that part of your dues (plus some of the best fun you can have in the local Ham Radio scene). I'll also be looking for some flyer labelers (labels and flyers to be available at the November meeting).

The Dinkelman address is 22222 148<sup>th</sup> Ave SE, Kent, 98042 – this is east of Kent and north of Covington. I recommend printing out a map from MapQuest if you haven't been to my place before. (It gets really dark out here too.)

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## Report from the Webmaster

by Jim Etwiler KD7BAT

Here are a couple of things that came to the M&K Club via the club website...

-- Alex Smith (K4RNT), Murfreesboro/Nashville, TN, invites all contesters, especially those that are casual contesters to try the "Tennessee QSO Party 2006", September 10. Details are on the web at [http://www.k4ro.net/tcg/tqp/tqp06\\_rules.html](http://www.k4ro.net/tcg/tqp/tqp06_rules.html). Since most of you will not receive the newsletter until after this date, mark it down for next year. Alex used to live in the greater Seattle area and would like to hear from you.

-- A group called USREPEATERS.Com <<http://www.usrepeaters.com/>> has asked for a link on our web site. Jim Glass reports "USREPEATERS.Com answers a loud cry for a dedicated repeater directory that is simple and easy to use. I have 18,000 repeaters on the site now and am adding them daily. We are working on adding a Map system that will let members search for repeaters from any location to a specified radius for any band. This site is a free resource to HAM Radio Operators"

-- And from another email: "Our Association distributes the Russian Callbook (English Version) containing detailed and updated information on all Russian HAM radio operators. "It also contains: "1. Detailed information about the DX Expeditions which will take place in the nearest future. "2. Information about the diplomas. "3. List with names and addresses of Russian collectors of HAM equipment. "Should you be interested in ordering this directory, please write us to [zakaz@post.e.ru](mailto:zakaz@post.e.ru) The price is 52 US dollars, including the shipping to your country.

-- For the month of August, besides these emails there were 16 others with questions about the club, license classes, and other subjects that I answered. I also deleted 5149 additional emails that were spam!

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**Sights & Sounds by Sunrise**

by Dawn Humphry KC7YYB, Activity Chair

Now that summer is winding down and things are beginning to take on an air of "normalcy," it is a time to start thinking of what the coming seasons hold for us for the rest of the year.

In the Program department, I have been told that our President, Sam N7RHE and one of his former co-workers have been working on a presentation that should be about ready for this month's meeting. In the event that doesn't come about, the time after the meeting and prize drawings will be for the "rag-chewing" that many members seem to enjoy, (sometimes even while the meeting is in progress).

Thank you for your continued support for the raffles, our Christmas Kitty is getting rounder as the months progress. I've already talked with Ham Radio Outlet (HRO) to be putting aside some goodies for us to pick up, so keep buying those tickets, because the fatter the kitty the better the items that will be there for the year-end drawing.

73, Dawn KC7YYB

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**Excerpt from the ARRL Newsletter...**

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**The ARRL Letter**  
**Vol. 25, No. 36**  
**September 8, 2006**  
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==>SUITSAT-1 (AO-54), RE-ENTERS EARTH'S ATMOSPHERE

SuitSat-1 (AO-54) is history. The surplus Russian Orlan spacesuit turned satellite, which became one of the greatest public relations vehicles for Amateur Radio in years, re-entered and burned up in Earth's atmosphere Thursday, September 7, at 1600 UTC some 1400 km south-southwest of Western Australia. The announcement came September 8 from Amateur Radio on the International Space Station (ARISS) International Chairman Frank Bauer,

KA3HDO. Bauer expressed thanks to "all who made SuitSat-1 the phenomenal event that it was." Launched February 3 during a spacewalk from the ISS, SuitSat-1's 2-meter signal was heard around the world, although at a much weaker signal strength than anticipated.

"Your hard work and dedication paid off," Bauer continued. "In just three weeks the SuitSat team developed and delivered a safe satellite system that has gained the confidence of the international space agencies." Bauer also noted the "unprecedented press coverage" that included more than 9 million hits on the SuitSat-1 Web site <<http://www.suitsat.org>> during February alone as well as several prominent mentions in the general news media.

"Students around the world had the opportunity to participate in a seven-month 'school spacewalk' with the artwork, pictures, signatures and voices onboard," Bauer pointed out. "And the 'super-sleuth' ham radio operator extraordinaires were able to pull a significant amount of data from the satellite, despite its low signal strength."

After SuitSat-1's VHF ham radio payload stopped transmitting earlier this year, AMSAT initiated a "Chicken Little Contest," for participants to guess when SuitSat-1 would deorbit. Winners and more information are on the AMSAT Web site <http://www.amsat.org/amsat-new/ariss/suitsatContest.php>.

Bauer said plans for a potential SuitSat-2 will be a discussion topic at the AMSAT/ARISS joint meeting in October <http://www.amsat.org/amsat-new/symposium/>.

Commented ARRL ARISS Liaison Rosalie White, K1STO: "This unique satellite lasted longer than anyone ever expected, making the ARISS team proud."

**Bell Ringers Wanted**

by Michael Dinkelman N7WA

I'm going to try this again for 2006 except with more time for signups. 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 9<sup>th</sup>). But first, we need some volunteers. I think we would need 12-20 volunteers to do the job. I'll pass around signup sheets at the next several Club meetings and if we get enough people, I'll have Jim KD7BAT submit it to the Salvation Army.

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**Public Service Committee Minutes**

No meeting was held in August.

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**General Meeting Minutes-  
August 19, 2006:**

**Officers present:**

- President – Sam Sullivan (N7RHE)
- Vice President – Carolyn Pasquier (WV7Q)
- Secretary – Dick Radford (WA7NIW)
- Treasurer – Jack Grimmatt (N7IHS)
- Activity Manager – Dawn Humphrey (KC7YYB)
- Radio Officer – Paul Roth (N7DOH)

**Trustees present:**

- \_No. 1 – Brendan Burget (KD7IKV) Chairman
- \_No. 2 – Pam Bryan (N7PRS)
- \_No. 3 – Guy Molinari (N7ZG)
- 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. Quorum present.

**Minutes:** Motion to approve the minutes of the previous meeting as printed in the *K7LED Relay* made by Steve KD7IQL and seconded by Dick K7NEX. Motion passed.

**Officer Reports:**

**President** – Sam N7RHE: The next Mike & Key General Membership meeting is September 16.

**Vice President** – Carolyn WV7Q: Proposed new members James McGough KD7OWS and Michael Pastore WA7SCH were approved by the membership.

**Secretary** – Dick WA7NIW: North Kitsap Amateur Radio Club hamfest is on Oct. 14 at 9:00 AM.

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

**Radio Officer** – Paul N7DOH: Work party to repair trailers and equipment at Alan's house August 26<sup>th</sup>.

Jack Burrell moved that we redeck the tower trailer with 3/4 inch marine plywood. John Rehnstrom seconded, Motion carried.

**Activity Manager** – Dawn KC7YYB Announced raffle prizes, hot glue set, thermal mug, road reflectors, etc. Program will be the Field Day Critique.

**Chairman of the Board** – Brendan KD7IKV Sam reported that there will be a report of Board activities in the Relay to supplement the minutes that are already published. [The Mike & Key Board meets August 30, at Galliano's Cucina in SeaTac].

**Webmaster** – Jim KD7BAT: Reported that Tom and Dawn Baker have donated a RigBlaster to the club. Secretary to write a note of thanks to the Bakers.

**Standing Committee Reports:**

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

**Education** – Guy N7ZG Hal Mueller reported that we will be presenting a Technician class in association with Seattle ACS in September. They are still looking for instructors to add to the list. FEMA training is available online.

**Facilities** – Brendan KD7IKV: No report.

**Public Service** – Pam N7PRS:

**Strategic Planning** – Frank NA7O: No report.

**Flea Market** -- Mike N7WA:

**VE Exams** -- Scott AG7T: Reported that last month there were 7 or 8 applicants, everyone either got licensed or upgraded.

**Field Day** -- Steve KD7IQL & Brendan KD7IKV: No report.

**[Continued on Page 6]**

## September 2006

### General Meeting Minutes...[Continued from Pg 5]

**Awards Banquet** - Scott KC7UOC:

#### Old Business:

*Alligator Award*- No transfer of ownership. Dean still has it.

**New Business** – Darby announced that tomorrow is the annual antique radio flea market beginning at 9:00 one block west of 175<sup>th</sup> and Aurora Ave. North in Seattle.

Michelle is donating paint for the tower trailer project.

Calvin suggested that we form a group to help each other get our antique radios working again.

Carolyn asked if anyone could help her get set up to operate WinLink.

Little John has 2 sections of like new Rohn 45, one top section re-galvanized for sale, \$250.

**Good of the Order** – Nothing for the Good of the Order

There being no further business, Steve KD7IQL moved to adjourn. Motion passed, and President Sullivan closed the meeting at 10:59 AM

Attested: Dick Radford WA7NIW, Secretary

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## Board Meeting Minutes- August 30, 2006:

#### Officers present:

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

#### Trustees present:

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

**Visitors in attendance:** Jim Etwiler, Dick Vance, Loras Gassman, Dave Smith

## K7LED Relay

Chairman Brendan called the meeting to order 7:00 p.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 –

**President** – Sam N7RHE: No report.

**Vice President** – Carolyn WV7Q: No new applicants. Need more pins, a quote for 300 pins submitted. Will get a bid from the people who did our patches. Motion by Sam Sullivan - to purchase 300 pins not to exceed \$500 plus tax. Second – Frank Tate. Motion passed.

**Secretary** – Dick WA7NIW: on vacation.

**Treasurer** – Jack N7IHS: Nothing new to report.

**Activity Manager** – Dawn KC7YYB: Next month's activity will be handled by Sam Sullivan..

**Radio Officer** – Paul N7DOH: The new repeater may be going up to the Tiger site for testing in 2 weeks. Weather permitting.

#### Committee Liaison Reports

**Facilities** – Brendan KD7IKV: The equipment cabinet will be cleaned out and reorganized at the next meeting.

**Strategic Planning** – Frank NA7O: Not present.

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

**Public Service** – Pam N7PRS: Nothing new to report at this time.

**Education** – Guy N7ZG: Not present.

Technician class will be held September 23rd-24<sup>th</sup> at South Seattle Community College. Port Townsend prospective ham Julian Ray after being unable to get testing from local club, came to our July testing session. He is now KE8IMI. He sends his thanks to our VE team for their excellent service.

**Field Day** – Brendan KD7IKV / Steve KD7IQL: Great work party! We re-decked the tower trailer, checked brakes, checked and re-packed bearings on both trailers, and re-wired lights as needed.

**Awards Banquet** – Scott KC7UOC: Deposit made plans moving forward.

#### Old Business-

**Generator trailer-** After much discussion the board decided the only fair way to award the generator trailer is to draw a name from the list of interested parties at the next general meeting.

**[Continued on Page 7]**

**Board Meeting Minutes...** [Continued from Pg 6]

**New Business-**

Steve Cook – Motion to put a 2-month limit from the date of the event to turn receipts for reimbursement. Second Frank Tate. Passed unanimously.

Jack Grimmett – Motion for policy that club money to be spent on an event or project must be approved by the chairperson or committee lead. Second – Steve Cook. Motion passed unanimously.

New trailer discussion: Frank Tate stopped by Canopies Plus Trailers and priced a 6x12 trailer \$3095 plus tax and license. This trailer would replace our current equipment trailer and house the new generator. Proposed budget of \$4000 should cover tax, title, license, new electrical panel, fuel tank, and generator installation costs.

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

There being no further business, Steve KD7IQL moved for adjournment and Frank Tate seconded. Motion Passed and Chairman Brendan closed the meeting at 8:01pm.

Attested: Brendan Burget - COB

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**MicroHams to Offer No-Code Technician Class**

by Scott N7SS

MicroHams will be sponsoring one more no-code Technician class course this year on October 6-8. Classes run 7:00pm-10:00pm Friday, 9:00am-5:00pm Saturday and 9:00am-noon Sunday. The class is available to anyone but we ask you register in advance because we have limited seating and materials. Testing will start at 1:00pm Sunday and is also open to the public by reservation. The class will cover the entire new Element 2 (Technician) question pool. The new question pool is significantly smaller and has much more relevant questions.

More information is available on the MicroHams site: <http://www.microhams.com/softcontent.aspx?sclid=31>.

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*From deep within the archives...*

**ODE TO THE KING**

by Lorraine Stewart W7SFR

Man's home is his castle and in ours I am  
A lowly Lord's vassal. The King is a Ham!

His Highnesses' chambers in nothing do lack;  
For half of the room is his Lordship's Ham shack.  
I toss and I turn in my nightmarish slumber,  
My ears are assailed by dit-dahs without number.

The kitchen, my domain, or so you would think,  
Is cluttered with Ham gear from cupboard to sink.  
The parlor decor, I would hazard a guess,  
Is early edition of CQ - no less.

Just one little corner I ask for myself,  
Sans radio magazines stacked on the shelf.  
A table for sewing I want, free and clear,  
And one not piled high with his radio gear.

No social engagements do I dare accept,  
The King has his schedules; they must be kept!  
All ready to dine out, I must sit tight.  
"I cannot go now, Dear. The band's not tonight."

Our daughter was happy to play with her toys.  
Her father insisted she go out with the boys.  
He assisted, abetted - at sixteen she Wed.  
"Now I'll use her room for a Ham shack," he said.

So ruffly white curtains so quicly came down.  
The dainty pink paper, he painted light brown.  
All traces have vanished of childhood's young  
dream.

He used her allowance to buy him a beam!

There are compensations, for now I can sleep,  
Without that receivers' eternal beep-beep.  
It could be much worse and with that I concur,  
To him no blonde siren has any allure.

He does not spend cash on wine, women, or  
song.

And that is one reason that we get along.  
He's tender and loving, in fact quite a man!

I'll continue to serve him as long as I can.  
'Cause marital bliss is not just one thing.  
So all that I wish for is "Long Live the King!"

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September 2006

K7LED Relay

# Ham Nets & Events for 2006 -- SEPTEMBER / OCTOBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>10</b> 2000 -- King Co. ARES 146.82 (Weekly) <b>2200</b> -- NW Astronomy Net 145.33 (Weekly)	<b>11</b> 0545 & 1645 -- Weather Net 145.33 (M-F) <b>1730</b> -- Puget Sound Traffic Sys. 146.82 (Daily)	<b>12</b> 2000 -- Snohomish Co. RACES 146.92 (Weekly)	<b>13</b> 2000 -- General /Tech Info 145.33 (Weekly) <b>2100</b> -- NWSOAR Net 146.82 (Weekly)	<b>14</b> 1900 -- M&K Public Service Net 146.82 (Weekly) <b>2000</b> -- Computer & Packet Net 145.33 (Weekly)	<b>15</b> 2000 -- Youth Net 145.33 (Weekly)	<b>16</b> 1000 -- M&K Club Meeting <b>1300</b> -- Ham Radio exams
<b>17</b> 2030 -- Snohomish Co. ARES 146.92 (Weekly)	<b>18</b> 1800 -- WA Emerg. HF 3.985 (Weekly) <b>1830</b> -- WA ARES 3.985 (Weekly) <b>1930</b> -- Puget Sound Repeater Group 146.96 (Weekly)	<b>19</b>	<b>20</b>	<b>21</b> 2000 -- Amateur TV Net 147.08 (Weekly)	<b>22</b>	<b>23</b> 0800 -- Technician Class Licensing Course -- day 1 <b>0900</b> -- WA ARES HF Net 3.985 (Weekly) <u>Public Service:</u> Leavenworth-Autumn Leaf Festival Parade
<b>24</b> 0800 -- Technician Class Licensing Course -- day 2	<b>25</b> 2000 -- YL Net 145.33 (Weekly)	<b>26</b>	<b>27</b> 1900 - M&K ARC Board Mtg	<b>28</b>	<b>29</b>	<b>30</b> 0900 -- NW Swap Net 145.33 (Weekly)
<b>01 October</b>	<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>	<b>06</b>	<b>07</b> <u>Public Service:</u> Issaquah Salmon Days Parade
<b>08</b> <u>Public Service:</u> Kingston/Poulsbo-Kitsap Color Classic Ride	<b>09</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b> Relay deadline	<b>14</b>