



*From our Club President...*

### Consider Your Local ARES Group

by Dick Radford WA7NIW, President

The weekend of October 4th, with the annual SET exercise, brought us a reminder that we are entering the part of the year when we can expect to experience weather related incidents including storm damage, flooding and power outages. This is a good time to check your go kits, charge your batteries, and make sure that you have supplies for your family just in case. A weather alert radio is another thing that we should all consider owning for these situations. If you are not already affiliated with your local ARES group, you should seriously consider doing so. The days of the "emergent volunteer," who is not pre-registered with a group being able to help out even in a disaster, are over.

The budget for 2009 is being prepared so now is the time to contact any Board member if there is an item that you think needs to be added or revised.

Again this year we have been asked to donate a day of bell ringing for Salvation Army. We have participated in this activity in past years as a way of showing our appreciation for the use of their facility for our meetings, and this has actually benefited us directly in that it has reduced the amount we have to pay for the facility. So, if you want to benefit the club and also a fine humanitarian organization, think about spending a few hours ringing a bell. It can even be fun working for a good cause with fellow club members.

Finally, are you ready? From the ARRL Letter, "A familiar sight appeared this week, as a sunspot emerged for one day, then was gone. Based on its magnetic polarity and high position in our Sun's southern hemisphere, sunspot 1003 was a new Solar Cycle 24 sunspot; like all the other recent sunspots, it was short lived."

--Dick, WA7NIW

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*--Email received from ARRL WWA Section--*

### Garriott Gears For Space Journey

[Ed. Note-- Expedition 18, aboard the Soyuz TMA-13 spacecraft achieved a successful launch on Sunday, October 12. Go to [www.nasa.gov](http://www.nasa.gov) to keep track of progress of this mission and Garriott's venture.]

On Sunday, October 12, Richard Garriott, W5KWQ, is scheduled to begin his journey to the International Space Station (ISS) as he blasts off into space via a Russian Soyuz and docks with the ISS two days later; he is due to return to Earth on Thursday, October 23. Richard, the sixth private citizen to be accepted by the Russian Federal Space Agency (RKA) for a short-term mission on the ISS, is the son of Owen Garriott, W5LFL.

In 1983, Owen was the first ham to make QSOs from space. Richard said he plans to build on his father's legacy by also making QSOs from the ISS: He plans to perform several school contacts and downlink slow scan television images during his flight, as well as contact the general ham community in his free time and perform random scout contacts during Jamboree on the Air (JOTA) <<http://www.arrl.org/scouts/jota/>>.

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

**Web Site**

[www.mikeandkey.org](http://www.mikeandkey.org)

**Send dues to**

Mike&Key ARC  
P.O. Box 4234  
Renton, WA 98057-4234

**K7LED Repeaters**

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

**Email**

[info@mikeandkey.org](mailto:info@mikeandkey.org)

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**Reflector**

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

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VE Testing	Scott Robinson	AG7T	<a href="mailto:sgr@nwlink.com">sgr@nwlink.com</a>	425-788-0162

**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](mailto:kg7ku@arrl.net).

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## October Program

by Jack Grimmatt N7IHS

Jim Fenstermaker (K9JF) will provide the program at the October General meeting. Jim is the Director of the Northwestern Division for the ARRL.

Also during the October meeting, we will be looking for a chairman for the Christmas Party. It is getting too late and I have not had anyone contact me with any ideas. If we don't get a volunteer by the first of November the party will suffer the same fate as the Annual Picnic.

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### **ARRL: Garriott Gears For Space...**

*[Continued from Page 1]*

According to ARRL Amateur Radio on the International Space Station (ARISS) Program <<http://www.rac.ca/ariss/oindex.htm>> Manager Rosalie White, K1STO, excitement is building for this launch. "Richard and Owen have been working as a team to plan how to cram in all of the objectives Richard hopes to achieve in space, including scientific experiments.

Through White, Richard and Owen sent this message for all hams: "We are both very pleased and appreciative of the ARISS and ARRL support in making the voice and SSTV ham operations more fun, interesting to the public, and valuable for research on Richard's flight this October. One of the most exciting aspects of living and working in space is the chance to look back at the Earth. Owen had one of the first opportunities to do this 35 years ago on Skylab. He also had the first opportunity to talk with the ham community from space 25 years ago aboard [NASA shuttle mission] STS-9. Richard now has the opportunity to connect with the ham community almost exactly 25 years after his father's shuttle flight and 35 years after Skylab. One of Richard's primary objectives with his flight is to photograph the Earth 35 years after the first orbital laboratory and look for changes on the Earth in the intervening time."

"While Richard is at the ISS window, he will be operating the amateur SSTV equipment and sending its images down to hams around the world. These downlinks can then be sent to an ARISS central repository for delayed and wider use. We further expect to be able to compare many of the images with near simultaneous, handheld, high resolution digital photo images. "We are very excited to share this experience with the Amateur Radio community, and thank our fellow hams for their support of this project."

According to AMSAT Vice President of Operations Drew Glasbrenner, KO4MA, AO-51 will be operated in a special mode this weekend in preparation for

## **K7LED Relay**

Richard's Slow Scan Television (SSTV) operations. "Since Richard wants to experiment with the SSTV equipment on the ISS, a test will take place with AO-51 configured with dual repeaters. This will be during October 11 and 12," he said.

"The primary repeater on AO-51 will be configured with an uplink on 1268.700 FM and downlink of 435.300 FM, and will be designated for this period as an SSTV repeater," Glasbrenner reported. "Users are encouraged to exchange SSTV images in ROBOT 36 mode, as an opportunity for others to practice receiving SSTV images from space before the ARISS activity."

The ARISS Team requests that the images hams transmit be related to space and to the ROBOT 36 mode. As always, Glasbrenner said, "good Amateur Radio practice -- including cooperation in sharing the uplink -- is crucial to the success of this test mode." Glasbrenner said that there will be a QRP voice repeater running concurrently on 145.880 FM uplink and 435.150 FM downlink. Users are asked to use 10 W or less, and omnidirectional or handheld antennas only.

As Richard gets ready for his voyage, he only had kind words to say about the amateur community: "I am very impressed with the ham community and ARISS and how well it puts together such complicated activities! I am very excited about my ham radio part -- I hope to perform well."

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## **Salvation Army: Bell Ringing**

by Jim Etwiler KD7BAT

The Renton Salvation Army has asked Mike and Key to participate in raising funds as bell ringers again this season. The Mike and Key Board has approved our participation again this year. Now we need volunteers to man the location for eight hours. That's only one hour each for eight volunteers (or more, it's more fun in pairs)

We have asked for assignment at Fry's again this year for Saturday, December 6, as our first choice and Saturday, December 13, as a second choice.

This activity last year raised hundreds of dollars in donations for the Salvation Army and saved the club about \$300 in meeting room expenses. You can help the Mike and Key Club and help the Salvation Army help others!

There will be a sign up sheet at the October membership meeting. Please sign up, or contact, Jim Etwiler, KD7BAT, 206-633-1512, or email me:

[KD7BAT@ARRL.NET](mailto:KD7BAT@ARRL.NET)

# Mike&Key General Meeting Minutes

Meeting held 09-20-2008

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 was present.

There were a few corrections made to the minutes, and Brendon KD7IQL made the motion to accept the corrected Minutes and Sam N7RHE seconds. Motion passed.

### Officer Reports:

**President** – Dick WA7NIW: Nothing new to report.

**Vice President** – Tim K7ANE: Application for membership: Jeff McDonald KA6TXM. His application for membership was approved at the last board meeting and his membership application was approved by the general membership.

**Secretary** – Ivy WA7IVY: Nothing to report.

**Treasurer** – Carolyn WV7Q: Jack N7IHS is filling in for Carolyn this month and will be collecting dues and paying bills. The club's books are in order.

**Activity Manager** – Jack N7IHS: no activity after this month's meeting, but we will have a raffle after the general meeting.

**Chairman of the Board** –Hal N3YX: He would like to thank the radio officer Paul and all of the people who have been helping with the new repeater installation

**Radio Officer** – Paul N7DOH: Not present.

**Relay Editor** – Gary KG7KU: Please submit your articles a week prior to the meeting. He also wanted to thank the Webmaster, Jim KD7BAT, for all his help.

**Webmaster** – Jim KD7BAT: Some emails came into the website and they were resent to the reflector.

### Standing Committee Reports:

**Strategic Planning** – Robert KD7WNV: nothing to report.

**Facilities and Publicity** –: Jeff KE7FRJ: not present.

**Education and Training** –: Hal N3YX: not present.

**Public Service** – Frank NA7O: Robert KD7WNV: Meeting of the public service committee after the meeting today at the Cedar River Smokehouse.

**Technical and Special Interest** – Steve KD7IQL: The repeater suffered a problem and has been returned for warrantee repair. The old Vertex is back in service.

### Other Committees (as appropriate)

**VE Exams** -- Scott AG7T: 14 people tested, 8 passed the technician exam, 5 passed the general exam, 1 passed the extra exam. Exams today at 12:30.

**Field Day** -- Steve KD7IQL / Brendan KD7IKV: Monday is the day to reserve our wagon wheel spot for next year's Wagon Wheel reservations. It will be reserved from Monday night through Sunday night. K7OV will be unable to do GOTA next year. The Hood Canal Bridge will also be closed for at least six weeks starting in May, so it may be closed when we have Field Day.

### Old Business:

**Little John** stated that someone brought in a stack of QSTs. One of the old issues has the Silent Key listing for Pop Brown, and that copy will be donated to our archives.

**Alligator Award** – Dean N7NKO. No new awardee this month.

**New Business** – no new business.

Mike N7WA: Reminder about the Salmon Run. Michael Jurasek (KD7LAX) has a Tower for sale (in Burien). Please contact him for more details.

### Good of the Order –

Reminder that the flea market will be March7th. Please save this date on your calendar.

There is a group forming for emergency communications in the SeaTac area, contact Earl N7EP for more information

The Mike & Key Board next meets on the October 1<sup>st</sup>, at El Charro in SeaTac.

The next Mike & Key General Membership meeting is October 18<sup>th</sup>.

Brendan KD7IKV made a motion for the meeting to adjourn. The motion was passed. Meeting adjourned 10:40.

5 guests; 45 members present at the meeting.

Attested: Ivy Nelson-Groves WA7IVY – Secretary

October 2008

## Mike&Key Board Meeting Minutes

Held 10-01-2008

### Officers present:

- President – Dick Radford (WA7NIW)
- Vice President – Tim Kane (K7ANE)
- Secretary – Ivy Nelson-Groves (WA7IVY)
- Treasurer – Carolyn Pasquier (WV7Q)
- Activity Manager – Jack Grimmert (N7IHS)
- Radio Officer – Paul Roth (N7DOH)

### Trustees present:

- No. 1 – Frank Tate (NA7O)
- No. 2 – Steve Cook (KD7IQL)
- No. 3 – Jeff Stevens (KE7FRJ)
- No. 4 – Robert Grinnell (KD7WNV)
- No. 5 – Hal Mueller (N3YX) -Chairman of the Board

### Visitors in attendance:

NU6A John

Chairman Hal 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): Need to schedule a budget committee meeting: 5 trustees plus the treasurer will draft the budget and present to the membership in December.

**President** – Dick (WA7NIW): nothing to report.

**Vice President** – Tim (K7ANE): not present. There was one membership application for consideration: Erik Freile KE7UYC. He was approved by the board.

**Secretary** – Ivy (WA7IVY): We received flyer from North Kitsap Amateur Radio Club about their hamfest on October 11<sup>th</sup>. Financially related mail was delivered to the Treasurer (backup- Jack (N7IHS)).

**Treasurer** – Jack Grimmert (N7IHS): The Club's books are in good order. Jack passed out updated budget numbers and submitted a first draft budget proposal.

**Activity Manager** – Jack (N7IHS): It was suggested that we invite K7RA, Tad Cook, who does the ARRL propagation newsletter for a future meeting. This month we will have the ARRL Division director tentatively slated to speak; awaiting confirmation. Another suggestion was also made to get a "rabid" contester to speak as well. We need to get a chair for the Christmas party by October's general meeting or not hold a party this year. Jack will put an article in the Relay.

**Radio Officer** – Paul (N7DOH): There were some issues with the new repeater, and it was sent back to the dealer. They received it on Sept 19<sup>th</sup>. It was then sent to Motorola. We should have a status on the repair tomorrow. Our equipment is off of Squawk Mountain at the present time. It's up to the Board to decide if we will return. We may be able to put our backup repeater on Cougar Mountain.

### Editor Reports:

**Relay Editor** – Gary (KG7KU): not present.

**Webmaster** – Jim (KD7BAT): Nothing new to report.

### Standing Committee Reports:

## K7LED Relay

**Strategic Planning** – Robert (KD7WNV): Drafting a document for later review by the General membership.

**Facilities and Publicity** – Jeff (KE7FRJ): Jim reports that the equipment from Frank Vyborny's (KF7TX) donation to the club has been picked up and is currently at Jim's residence. Steve will work with Jim to evaluate the equipment and present his suggestion for its distribution at a future board meeting.

**Education and Training** – Hal (N3YX): Nothing new to report.

**Public Service** – Frank (NA7O): Robert (KD7WNV): The committee met after the last meeting and made assignments for content and advertising for next Pamphlet. We are still looking for more members of the committee. Any requests for advertisement should be directed to Robert.

**Technical and Special Interest** – Steve (KD7IQL): He has been working with Paul with the repeater.

### Special Committee and Project Reports:

**Field Day** -- Steve (KD7IQL)/ Brendan (KD7IKV): **We have the Wagon Wheel!!** We do need band chairs and someone for GOTA.

**Bylaws Review** – Jack (N7IHS): Nothing new to report.

**Old Business** - no old business

### New Business –

Jim reported that we received an email from the Salvation Army and wanting to know if we want to participate in their bell ringing this year. Our participation in the past for this has reduced the rent of the facility. Not sure if this will be the case this year. Motion to proceed with the bell ringing this year was made by Steve, seconded by Jack. Motion carried. The Salvation Army also made a request that Captain Terry make a short presentation at our October meeting. The activity manager agreed that this would be acceptable.

John (NU6A) suggested that we have more outside speakers to speak about topics of specialized/technical interest to the club and offered some suggestions to the Activity Manager. Perhaps some of the clubs in the area could come up with a "Speakers Bank" of people who would be willing to speak at clubs in the area.

Sometimes the speaker is not confirmed at the time the Relay is published, so the speaker is not always announced in the Relay. A suggestion was that we could spend a small amount to help compensate the speaker for the gas.

Discussion concerning the proposed 2009 budget.

**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 20:56 pm.

**Attested:** Ivy Nelson-Groves (WA7IVY) – Secretary

# Ham Nets & Events for 2008 -- OCTOBER / NOVEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>12</b> 2000 -- King Co. ARES 147.08 (Weekly) 2200 -- NW Astronomy Net 145.33 (Weekly)	<b>13</b> 0545 & 1645 -- Weather Net 145.33 (M-F) 1730 -- Puget Sound Traffic Sys. 146.82 (Daily) 1900 -- Seattle ACS 146.90 (Weekly)	<b>14</b> 2000 -- Snohomish Co. RACES 146.92 (Weekly)	<b>15</b> 2000 -- General Tech Info 145.33 (Weekly) 2100 -- NWSOAR Net 146.82 (Weekly)	<b>16</b> 1900 -- M&K Public Service Net 146.82 (Weekly) 2000 -- Computer & Packet Net 145.33 (Weekly)	<b>17</b> 2000 -- Youth Net 145.33 (Weekly)	<b>18</b> 1000 -- M&K Club Meeting, Renton 1300 -- Ham Radio Exams, Renton 2000 -- Amateur TV Net 147.08 (Weekly)
<b>19</b> 1915 -- Kids Net Net 145.49 (Weekly) 2030 -- Snohomish Co. ARES 146.92 (Weekly)	<b>20</b> 1800 -- WA Emerg. HF 3.985 (Weekly) 1830 -- WA ARES 3.985 (Weekly) 1930 -- PSRG 146.96 (Weekly)	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b> 0900 -- WA ARES HF Net 3.985 (Weekly)
<b>26</b>	<b>27</b> 2000 -- YL Net 145.33 (Weekly)	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>	<b>01</b> <b>NOVEMBER</b>
<b>02</b>	<b>03</b>	<b>04</b> Flea Market Meeting	<b>05</b> M&K Board Mtg	<b>06</b>	<b>07</b> Relay Articles Due	<b>08</b> Public Service-- -Veteran's Day Parade, Auburn