

October 2009

(www.k7id.org)

P.O. Box 1765 Hayden, ID 83835-1765

REGULAR CLUB MEETINGS:

Monday, October 12

**Program: CQ-100, John Hollar,
N7JU**

**Refreshments: Gary Roth,
KE7IAT**

SOCIAL EVENTS:

Highway Clean-up TBA

IN THIS ISSUE

Membership Application 5

Dear Club Members:

Attendance at the general membership meeting was approximately 28, which represents about 35% of our paid membership. Those not attending missed a great presentation by Chuck Green who discussed his involvement with the AO-40 Launch Campaign. Chuck used power point slides and text covering the assembly and launch of numerous amateur radio satellites atop one launch vehicle. We learned that you launch near the equator to take advantage of earth's velocity and use foam covers over parabolic antennas to prevent the Sun from melting the detector. I also enjoyed comments about how you just walk in the fifth floor closet and jump through the hole in the floor to escape the building in case of emergency, what a great experience.

My first experience out of college was working on the Saturn II launch vehicle. Liquid oxygen and hydrogen were the propellants and one of my jobs was monitoring temperatures on the flame bucket during static firings. The engine cluster consisted of five engines with just one generating 1,500,000 lbs. of thrust. I am so glad I never had to push the button to terminate the test if the temperature went out of set boundaries. I am sure all of you have had interesting careers and are just dying to share details with the membership. Contact John Hollar with your material and he will help you in your presentation. John is filling in for Jeff Wall who has resigned due to health problems.

Read your Board and Membership meeting minutes for additional details.

Next month we need to select and vote on new club officers. The three member nominating committee has been selected and members at the September meeting are aware of who these individuals are. The board is reviewing a constitutional amendment to allow staggering of officer terms to provide better continuity between existing and newly elected officers.

John Hollar and a small number of other club members have been working on cleaning up the 2 meter repeater electronics and duplexer. The electronics will be located in a locked cabinet and the duplexer will be installed on a cart. This whole package will be installed at the Mica site in the next two weeks.

Highway Cleanup is scheduled for the latter part of October. The more participants the easier the job. In these tough economic times the club may choose to conserve funds and not buy you lunch, but think of all the fun you will have and you get to keep any interesting object you may find. The no lunch comment is not firm and will be discussed by the board.

Please volunteer to bring a snack for the next club meeting, particularly if you have never done this before. Doing this once a year requires about an hour of your time and seems to me to be a pretty minimal effort for your club. Better yet, if someone would volunteer to head up this task and keep a list of monthly volunteers for the year we would not have to discuss this every month.

See you on the radio

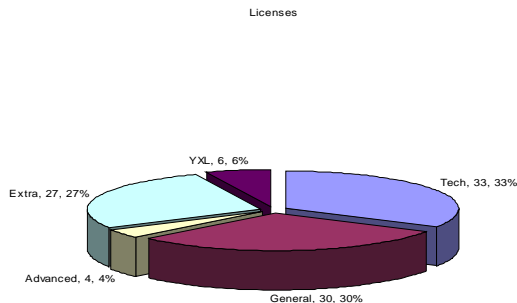
Ed Hannigan, KE7FOW
Club President

How well do you know your club?

Well as the year comes to an end, I just wanted to give some people an insight of what our club is made of.

To remain an ARRL affiliated club, we have to turn over some statistics to the ARRL. I thought some of you would like to know.

This is current on my roster, if you have a license upgrade, please let the secretary know.



The graph show what the license classes are, how many, and percentage that we have in the club. YXL are spouses and/or non-voting members.

We have 46 members that stated that they are ARRL Members. Please, if you have a change in your ARRL membership, please let the secretary know.

We currently have 100 Members as of 7 September 2009.

In December we will be asking you to fill out a new membership application even though you may be a life or multi-year member. We would like to maintain the best records we can.

Thomas Barrett, KD7JUS
2009 KARS Secretary

ARRL Board Adopts Guidelines and Recommendations on the Appropriate Use of Amateur Radio

On Friday, September 25, the ARRL Board of Directors adopted [guidelines on the appropriate use of Amateur Radio](#) on behalf of commercial, non-profit and government entities, as well as recommendations for additional steps to be taken by the ARRL to educate radio amateurs and others on how to prepare and train for public service and emergency communications while complying with the current FCC Rules.

At its meeting in July 2009, the ARRL Board created an ad-hoc committee to study the issue and prepare suggested guidelines. The committee submitted its report to the ARRL Executive Committee, which reviewed and revised the document. After additional discussion among Board members by electronic mail and teleconference, the Executive Committee submitted the document to the Board for formal adoption.

Entitled *The Commercialization of Amateur Radio: The Rules, The Risks, The Issues*, the document offers guidelines to assist radio amateurs and anyone wishing to utilize the capabilities of Amateur Radio in understanding the FCC Rules that prohibit communications in which the amateur has a pecuniary interest, including communications on behalf of an employer. While the FCC Rules in this regard have not changed in many years, there has been increasing discussion of the issue as growing numbers of employers and non-amateur organizations recognize the value of Amateur Radio as an emergency communications resource and encourage their employees to obtain amateur licenses. Also included are guidelines for evaluating the appropriateness of Amateur Radio volunteers providing communications services to commercial enterprises and other entities for which other communications systems are available.

“The guidelines are not intended to be the last word on the subject, and surely will not be,” observed ARRL First Vice President Kay Craigie, N3KN, and chair of the ad-hoc committee. “The report includes several recommendations for additional steps that the ARRL needs to take to help amateurs and the organizations we serve to better understand the Rules and to ensure that what we do to prepare to be of service in emergencies is consistent with the current Rules.” (ARRL Website)

South African Amateur Radio Payload Reaches Orbit

(Sep 18, 2009) — After several delays, South Africa’s [SumbandilaSat](#) satellite finally blasted to orbit aboard a [Soyuz](#) rocket from the [Baikonur Cosmodrome](#) in Kazakhstan on September 17. The main payload is a multi-spectral imager, but the satellite also carries an Amateur Radio component consisting of a 2 meter/70 cm FM

repeater. After SumbandilaSat is fully commissioned, the repeater will be activated with an uplink at 145.880 MHz and a downlink at 435.350 MHz; there will also be a voice beacon at 435.300 MHz. The transponder mode will be controlled by a CTCSS tone on the uplink frequency. The CTCSS tone frequencies have yet to be announced. SumbandilaSat was sponsored by the Department of Science and Technology and was built at SunSpace in cooperation with the Stellenbosch University. In addition to the SA-AMSAT amateur module, the satellite carries Stellenbosch University's radiation experiment and software defined radio (SDR) project, an experiment from Nelson Mandela Metropolitan University and a VLF radio module from the University of KwaZulu-Natal.

Attention: Kootenai County ARES/RACES Members!

Don't forget! The meeting location for the monthly KC ARES/RACES meetings remains unchanged: Civil Air Patrol, Sheprock Building, Coeur d'Alene Airport. The start time remains 6:30 p.m., on the third Monday of the month.

SPOKANE, WA - Register for ham license tests in Spokane by calling **Mary, AA7RT** at 509-991-2192 or e-mail: AA7RT@arrl.net for dates, locations and times.

Want People to know you belong to KARS? Then buy an unofficial KARS Cap!



Only 15 were made. Have 7 left to sell. See Larry, K6SPP at the club meeting.

COFFEE & DONUTS EVERY THURSDAY MORNING

8:00 A.M. To 10:00 A.M.

The Golden Spike Community Center Rathdrum



TALK-IN: 146.98 100 PL

Bring a writing instrument. The Golden Spike has the napkins for our breakfast table engineering!

Deadline for submitting articles, stories, reports, etc., is the 25th of each month for the following month's newsletter.

Ham radio supports disasters

A severe tropical storm in The Phillipines and earthquakes in Indonesia have seen radio amateurs providing emergency communications and other relief and recovery assistance.

Philippines Amateur Radio Association (PARA)

President, **Dr Joey Panganiban DU1BP** reports that a tropical storm named "Ondoy" hit the Philippines five days ago creating a tragic calamity with hams swinging into action to help.

Joey DU1BP said, "We have mobilized our amateur radio clubs for the relief operations. The frequencies of 7.045 MHz have been used for general announcements while 2-metres FM is for our community operations."

The disaster has affected more than two million people and the death toll is headed for around 300.

Joey DU1BP said, "All amateur and civic radio clubs are now on operation in Metro Manila under the guidance of the National Telecommunications Commission and PARA."

He said the PARA Secretariat has been designated to receive donations and soliciting donations both in kind and cash for the victims.

Joe DU1BP said, "What the evacuees need is food that are ready to eat (those without much preparation) such as canned goods, noodles, rice, bread, coffee, milk, sugar, salt and water."

"They also need medical attention and medications needed for cough, colds, fever, diarrhea and vitamins. These items will be repacked and given direct to the recipients, using community officials as contact points."

Meantime a powerful earthquake rocked western Indonesia on Wednesday, trapping thousands under collapsed buildings and triggering landslides.

At least 75 people were killed on Sumatra island after the 7.6 on the Richter scale earthquake strike. A follow-up

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strong nearby inland earthquake caused even more damage.

In a brief message just hours after that disaster from the **Organisasi Amatir Radio Indonesia** (ORARI), received by IARU Region 3 Disaster Communications Committee Chairman, Jim Linton VK3PC, it has been confirmed that hams are involved there too.

Wisnu Widjaja W1SNU/YB0AZ reports “We are active on the field now to support the emergency Communications in West and South Sumatera, Indonesia. Now, we are using 2-meters and 40-meter band.”

More information can be expected in coming days. However no reports so far of amateur radio emergency communications in the Pacific as a tsunami hit Samoa leaving a trail of death and destruction.

Jim Linton, VK3PC (QRZ.com)

Canada Hams - 3 yrs till current mobile use outlawed

Mobile ham radios will be required to operate hands free in the Ontario Province of Canada, they have less than 3 years to comply.

“To help these businesses stay competitive, Ontario is granting a three-year phase-out period for the commercial use of two-way radios, including mobile and CB radios, to allow for hands-free technologies to be developed.”

“The use of hand-held radios by amateur radio operators (who provide assistance, especially in emergency situations such as severe storms and blackouts) will be phased out within three years, to allow hands-free technologies to be developed.”

<http://news.ontario.ca/mto/en/2009/0...t-devices.html>

CQ announces 75th anniversary Worked All Zones award

The November, 1934, issue of **R/9** magazine announced a new operating award for radio amateurs, designed to encourage the growing popularity of contacting stations across the globe, what we know today as DXing.

The award was called **Worked All Zones** and was to be granted for making confirmed contacts with hams in each of the 40 zones into which the world had been divided by R/9's editors.

Today, 75 years later, R/9 has been succeeded by **CQ** magazine and **WAZ** - Worked All Zones - sponsored by CQ since 1945, continues to be one of amateur radio's most prestigious operating awards.

In celebration of the WAZ's 75th anniversary, CQ magazine is announcing a limited-term “**Diamond Jubilee WAZ**” award.

A special certificate will be issued to amateurs who make contacts in all 40 CQ Zones of the World between November 1, 2009 and December 31, 2010. Certificates will

be numbered but there will be no endorsements.

Confirmations will not be required. However, it is expected that applicants will continue to uphold amateur radio's long-standing tradition of honesty and self-regulation. Standard WAZ application fees will apply.

Complete details on the Diamond Jubilee WAZ Award will be in the October 2009 issue of CQ, and are posted on the CQ website, www.cq-amateur-radio.com, with a link from the October issue highlights page.

WAZ is the second-oldest amateur radio operating award still offered today. The only current award that is older is the International Amateur Radio Union's Worked All Continents award. The ARRL's DX Century Club (DXCC) award was introduced in 1936. To date, more than 8,600 basic WAZ awards have been issued.

More information on the WAZ award program is available on the CQ website at www.cq-amateur-radio.com/awards.html

US GENERALS GIVEN CEPT NOVICE PRIVILEGES IN SOME NATIONS

Radio amateurs with United States General Class licenses to get reciprocal licenses in some CEPT countries, but with limited privileges.

On Thursday, September 10, the Federal Communications Commission released a new Public Notice implementing changes in the European Conference of Postal and Telecommunications Administrations or CEPT reciprocal operating arrangements for US citizens who hold a United States General, Advanced or Amateur Extra class Amateur Radio licenses. While nothing has been altered in regard to Advanced or Extra class licensees, there is good news for those holding the General. US citizens holding a General class license who had lost all CEPT reciprocal privileges in 2008 have now been granted CEPT Novice Radio Amateur License.

But according to the ARRL's Dan Henderson, this is not an across the board permit. Henderson says that it is important to note two things about the agreement. First is that not all European countries have implemented this recommendation. Therefore, a US General class operator does not have reciprocal privileges in many countries, including popular US travel destinations like Italy, the UK or France.

Second, as with any reciprocal operation, the band frequencies and privileges are those allowed by the host country and not the frequencies and privileges extended by your FCC license while in the United States or its possessions. Therefore, travelers need to make sure they are familiar with the authorized privileges for the CEPT Novice Radio Amateur License in the nation in which they plan to operate. (ARRL, Southgate, others)

Kootenai Amateur Radio Society

PO Box 17□5, Hayden, Idaho 83835-17□5



Please complete the entire form and return with your payment.

Single Year Membership

New Member \$12.00 Renewing \$12.00 Family Membership \$18.00 Information Update Only

Two Year Membership

New Member \$22.00 Renewing \$22.00 Family Membership \$33.00

Callsign _____ Class _____ Expiration _____

First Name & Middle Initial _____ Last Name _____

Address _____

City _____ State _____ Zip Code _____

Phone Number _____ E-Mail Address _____

ARRL Member _____ May we publish limited Information _____

Internal Use Only

Cash	<input type="checkbox"/>	Check	<input type="checkbox"/>	Money order	<input type="checkbox"/>
Roster	<input type="checkbox"/>	Membership Card	<input type="checkbox"/>		

For Family Membership, Please complete an application and staple together.

Signature _____

K7ID.org Request Form

First and Last Name _____ Callsign _____

Would you like your (callsign)@k7id.org email to be forwarded to an existing email account or would you like to access it through a web or post office protocol (POP) system?

Please Forward to My existing Email (Please Complete the Bottom and Sign.) Webmail Access POP Access
 I wish to opt-out of K7ID.org

Please Select a username _____ @K7ID.ORG

Please Select a Password _____

For Forward Request Only

Email Address _____

Signature _____

KOOTENAI AMATEUR RADIO SOCIETY
P.O. Box 5222
Coeur d'Alene, ID 83816



DIRECTIONS TO KARS MEETING:

Take U.S. Highway 95 to Miles Avenue (Miles is about 1 mile North of Hayden Avenue). Instead of proceeding west from the corner of Miles and Ramsey, go north about ¼ mile, to the first building on the left (West) side of the road.

2009 CLUB OFFICERS

President: Ed Hannigan, KE7FOW
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Notice

Propagation is published monthly by the Kootenai Amateur Radio Society (KARS). The club is located in Coeur d'Alene, Idaho and serves the North Idaho and the Spokane, Washington areas.

All opinions expressed in this newsletter are those of the individual contributors and not the radio club as a whole.

KARS operates a voice repeater on 146.98 and a packet repeater on 145.510 Mhz.

Anyone interested in Amateur Radio is welcome to join. Dues are \$12.00 (individual) and \$18.00 for a family membership. Contact the Treasurer if you wish to join.

If you know of anyone interested in joining KARS, you can notify the newsletter editor as to that parties email address. A copy of this newsletter will be sent with no obligation to join.

Material can be submitted for publication in Propagation. The deadline for articles, etc., is the 25th of each month for the following month's issue.