

March 2014

(www.k7id.org)

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

REGULAR

CLUB MEETINGS:

Monday, Mar. 10, 7:00 p.m.

Search & Rescue Bldg.,

10865 N. Ramsey Road

Hayden, Idaho

Topic: Designing and Building
ARDF Antennas

Presenter: Tom Macy, W7UAT

Refreshments: ???

Monday, Mar. 10, 5:30 p.m.

ARRL VE Test Session

Search & Rescue Bldg.,

10865 N. Ramsey Rd.

Hayden, Idaho

Monday, Apr. 14, 7:00 p.m.

Search & Rescue Bldg.,

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Topic: ???

Presenter: ???

Refreshments: ???

Monday, Apr. 14, 5:30 p.m.

ARRL VE Test Session

Search & Rescue Bldg.,

Hayden, Idaho

Upcoming Events

Idaho QSO Party

March 8-9, 2014

Mike And Key Hamfest

March 8, 2014

Puyallup, Washington

Letter from the President

Dave KF7YWR

March 2014

The arrival of March finds me deeply saddened with the tower accident endured by Bearpaw, KE7ADT, and his resulting injuries. Having been injured several times on jobs from various accidents, I grieve for Gabbee, KE7ADN and Bearpaw knowing what lies ahead with their healing and rehabilitation. This was a life-changing event that will take a great deal of effort and time to learn to live with. They will need our support and prayers to keep moving ahead in a positive way. The outpouring of concern from Ham contacts from around the world regarding this accident has been overwhelming. Gabbee reported numerous QSL cards are coming in with many recounting the time and date our Ham brethren have made contact with our friends. This ongoing support has been a comfort to them both. The Ham community is very unique among clubs and social organizations, as they truly care for each other. Your continued prayers are graciously requested.

A small work party made short work of removing the offending tower as the thought of it remaining was too painful. The guilty tower came down with a minimum amount of effort and the monstrous beam gently set aside awaiting a new perch. There will be a tower-raising event in the future when the weather is more agreeable, as it is going to be beyond Bearpaw's ability for the near future. I know this club will rise to the occasion to make this happen. Those willing to pitch in and help can contact me, as I will have a sign-up sheet available.

Safety Committee???

In light of the recent accident and injury sustained by Bearpaw, I question if a Safety / Safety training committee would be worthwhile. The license tests touch on safety, but once the license is in hand a lot of the information is replaced or forgotten. Having been a member of a Safety Committee in my past life, the first thing that came to mind when I heard the news of the event was an After Accident Report. These were routine in our labs any time an injury occurred. Once the injured individual was interviewed, a survey would be made of the accident site and a determination was made as to cause and possible preventative measures. After the report was completed, a copy was sent to all lab personnel. The group's main purpose though, was to review any changes in lab setup prior to changes being made, as we had lots of dangerous, potentially lethal stuff in our areas. Several sets of eyes would spot things the resident lab guys would overlook, as they were too close to the issues. This was a valuable asset in our labs and I believe it could be helpful here as well. With the introduction of so many new Hams looking to get on the air and many talking of tower installations, this could be

a worthwhile endeavor for us. A simple walk around and evaluation of the project could save someone lots of grief. Think about this prior to our meeting, as it will be addressed then.

March Topic — Where are you anyway?

Tom Macy, W7UAT, will give a program on the building and design of direction finding antennas. Tom is putting together a handbook of sorts that should allow us to put together the antenna we need. I am looking forward to this meeting. This is to follow up on the talk Randy, KB6YAV, and Larry, K6SPP, gave on Radio Direction Finding in January as we are working towards a Rabbit Hunt sometime in the warmer weather—that hopefully is coming. After we have our equipment built, Randy, KB6YAV, has volunteered to be the pesky “wabbit”. Date to be determined.

Officer Needed — Still!! — KARS Secretary

Here is your once in a lifetime opportunity to be part of a vibrant; growing civic minded organization where you can put your organizational skills to the ultimate test. Act quick before this offer expires. OK, so really all you have to do is take notes—try not to spill coffee on them; stay awake at the meeting; and make the occasional roster update of new members (that’s the growing part). If you are interested in serving this fine outstanding club, talk to me at the meeting or just stand too close, and you will be instantly added to the Board.

P.S. This will look great on a resume for those young enough to still need one. Besides there are only 6 more meetings before the next elections and the club will supply the paper and pen, if you are on a budget!

Mike And Key — Puyallup, WA March 8th

Idaho QSO Party March 8th 1900z Saturday-1900z Sunday
<http://www.idahoarrl.info/qsoparty/>
Or Ed Stuckey, AI7H for details

Hamfest - June

Plans are moving ahead for the KARS Hamfest, some details still needed to be finalized (like most of them), but it would appear the location is set and our committee will be determining prizes and all the other Hamfest “Stuff” soon. Time to start saving up for that big purchase, that you have not been able to live without; or buying some perfectly good junk you really didn’t need, that will lay around your shack for years to come. Allan Campbell, KE7DFT, Jim Banks, KF7TFJ, and Jim Monroe, N7ESU, are the culprits responsible. Contact them if you wish to help, donate, or just harass.

73 for now,

Dave Boss, KF7YWR
boss@infinityusers.com

ATTENTION! ATTENTION!

KARS 2014 DUES Payable NOW

For all of you who have paid your dues, Thank You very much. For our other members, don’t be the last one to pay. See Treasurer Pat at the MARCH meeting with your check in hand.

2014 KARS dues will be **delinquent** on **April 1, 2014**.

Pay now and avoid the E-mail reminders.

Ham “Things To Do”

March 5-11, W1AW/7 will be located in Idaho, as part of the ARRL Centennial Celebration. W1AW/7 will be operating all bands and modes! See www.arrl.org/centennial-qso-party for details. (Also, W1AW/4 will be operating from Kentucky during this period).

March 8, the Western Washington ARRL Convention (aka “Puyallup Hamfest”), see www.mikeandkey.org/flea.htm for details

March 8-9, the Idaho QSO Party (IDQP), see <http://idahoarrrl.info/qsoparty/index.html> for details.

March 9 (2AM), (Not ham radio but important), Daylight Savings Time begins, set your clocks ahead one hour.

April 25-27, Idaho ARRL Convention, in Boise, ID. See idahostateconvention.com for details.

Spring Cleaning: Although details of the annual KARS Hamfest are undecided, the Club appreciates donations from members or other parties. So, if you will be cleaning up your shack over the next several months, and have pre-loved items no longer needed at your station, please consider donating such items to KARS for re-marketing at the Hamfest. (Donations have been a significant source of funds for the Club in past years!).

73,
Ed, AI7H

IDAHO COUNTY SENDING OUT CALL FOR HAM RADIO OPERATORS

Teton County in Idaho is encouraging more people to volunteer as emergency radio operators to maintain communications in major emergencies.

The Teton Valley News quotes County Emergency Management Coordinator Greg Adams, KE7SYB, as saying that in case of a disaster that knocks out cell phone, landline and internet communications, ham radio is the only way to be able to talk over any great distance.

But says the newspaper, right now John Kaelberer, KF7VXA, who lives south of Driggs, Idaho, is, so far, the county's only volunteer radio operator. Kaelberer is a retired telephone company worker and former reserve police officer who moved to the valley 14 years ago.

The bottom line appears to be that Teton County needs more hams so as to be ready for any emergency that might require volunteer two way radio communications. You can read the story at tinyurl.com/mv9ljbr (Teton Valley News)

APPS FOR HAMS AND SWLS AT SWLING POST

Hams looking for amateur radio related apps for their smart phones or tablets now have a place to go to learn what's available. The on-line SWLing Post has printed a rundown of some of the amateur radio apps that are currently available. Apps for Shortwave Listeners are there as well. To get there, simply go to tinyurl.com/ham-radio-apps. (SWLing Post, Southgate)

UK HAM LOCATES SIGNAL FROM CHINA'S LUNAR ROVER

China's Jade Rabbit Lunar Rover is not dead after all. This after its signal was heard and confirmed by a United Kingdom radio amateur. Bill Pasternak, WA6ITF, is in the newsroom with the latest:

The Jade Rabbit rover was launched as a part of China's Chang 3 mission to the Moon last December 1st. On December 14th the Chang 3 landed on the Moon with the first signals copied at UHF-Satcom around 17:18 UTC on that same day. The Jade Rabbit Lunar Rover was

then deployed with its transmitter activated and signals detected on 8462.080MHz running in a low rate BPSK mode.

The rover functioned well until the lunar nighttime set in. The missions Command Control center was expecting the rover to contact Earth on February 12th after it had it endured its second lunar night. Since it did not transmit any signals, the rover was officially declared permanently inoperative.

But on that same day a signal from the Jade Rabbit was heard by a ham radio operator in the United Kingdom. Paul Marsh, G7EYT, who also holds the call M0EYT reported detecting the missing rover on 8462.078 MHz. This has brought new hope to the China's Command Control personnel that the overall mission might be saved.

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Needless to say that is quite an accomplishment for ham radio. Especially after those in command of the project seemed to think that all might be lost. The complete story of how the Jade Rabbit was found along with spectral pictures of the Chang mission is at www.uhf-satcom.com/amateurdsn/chang-e-3/ (Southgate)

SUN UNLEASHES AN X CLASS FLARE TOWARD EARTH

If you are wondering about the strange band conditions the past few days, the sun may be the culprit. According to Spaceweather sunspot AR1967 returned to the Earthward looking side of the of our home star on February 25th and promptly erupted. This sent an X4.9-class solar flare headed our way. So far this is the strongest flare of the year and one of the strongest of the current solar cycle. We suggest that you keep an eye on <http://spaceweather.com> for updates about solar activity and its affect on radio propagation. (Spaceweather.com)

“Amateur Radio: Your Gateway to Wireless Communication” is World Amateur Radio Day 2014 Theme

The International Amateur Radio Union (IARU) Administrative Council has designated “Amateur Radio:

Your Gateway to Wireless Communication” as the theme for World Amateur Radio Day 2014. World Amateur Radio Day is celebrated each year on April 18 to recognize the anniversary of the founding of the IARU in Paris in 1925. ARRL Co-Founder Hiram Percy Maxim, 1AW, was its first president. The primary purpose of World Amateur Radio Day is to focus a public spotlight on Amateur Radio and its benefits to countries and communities. This year the IARU and its more than 150 member-societies will celebrate the organization’s 89th anniversary.

Each year the IARU Administrative Council selects a World Amateur Radio Day theme that is consistent with the role and purpose of Amateur Radio and that represents a commendable activity that would cast IARU and Amateur Radio in a favorable light. When the Administrative Council met last September in Mexico, attendees discussed various possible topics and themes, before adopting “Amateur Radio: Your Gateway to Wireless Communication.”

As the IARU’s history recounts, in the early 1920s it was generally assumed that the lower the frequency and the longer the wavelength, the better, and “very large antennas and very high power were the rule.” Amateur Radio experimenters were the first to discover that the short wave spectrum, far from being a wasteland, could support worldwide propagation. As the rush to shorter wavelengths ensued, however, Amateur Radio, which had proved the value of this spectrum in the first place, “were in grave danger of being pushed aside,” the IARU’s history notes.

Adopting the philosophy of strength in numbers, Amateur Radio pioneers met in Paris in 1925 and created the International Amateur Radio Union to support Amateur Radio worldwide. Just 2 years later, at the International Radiotelegraph Conference, Amateur Radio gained the allocations still recognized today - 160, 80, 40, 20, and 10 meters. From fewer than 30,000 licensees in 1927, Amateur Radio’s numbers have grown to 3 million. From the 25 countries that formed the IARU in 1925, the IARU has grown to include 150 member-societies.

Today IARU is organized into three regions. IARU Region 1 includes Europe, Africa, the Middle East, and

Northern Asia. Region 2 covers the Americas, and Region 3 is comprised of Australia, New Zealand, the Pacific island nations, and most of Asia. The International Telecommunication Union (ITU) has recognized the IARU as representing the interests of Amateur Radio.

Several IARU member-societies and associated clubs are expected to field special event stations to mark the occasion. This year, April 18 is a Friday. When the anniversary falls on a weekday, public relations activities and operating events marking World Amateur Radio Day take place during the weekend following April 18. -

Thanks to Geoff Atkinson, VK3TL, IARU R3 Director (ARRL)

COFFEE & DONUTS
EVERY THURSDAY MORNING

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

The Golden Spike
Community Center
Rathdrum



TALK-IN: 146.980, PL127.3
443.975, PL136.5

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.

Kootenai Amateur Radio Society



PO Box 1765, Hayden, Idaho 83835-1765

Please complete the entire form and return with your payment

Single Year membership

New member \$15.00 Renewing \$15.00 Family \$23.00 Info Update Only

Two Year Membership

New member \$28.00 Renewing \$28.00 Family \$42.00

Call Sign _____ Class _____ Expires _____

First Name & Initial _____ Last Name _____

If renewing, only fill in information below that has changed since last application, otherwise complete.

Address _____

City _____ State _____ Zip Code _____

Phone Number _____ E-Mail Address _____

ARRL Member _____ May we publish Limited information _____ (Y/N)

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

Signature _____

K7ID.org Request Form

First and Last Name _____ Call Sign _____

Would you like your (call sign)@k7id.org email 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 Webmail access POP Access
(Please complete the bottom & Sign) I wish to opt-out of K7ID.org

Please select a user name _____@K7ID.org

Please select a Password _____

For forward request only

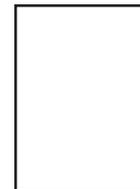
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| Cash | <input type="checkbox"/> | Check | _____ | Money Order | <input type="checkbox"/> |
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KOOTENAI AMATEUR RADIO SOCIETY
P.O. Box 1765
Hayden, ID 83835-1765



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.

2014 CLUB OFFICERS

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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 repeaters on 146.980 and 443.975, and a packet repeater on 145.510 Mhz.

Anyone interested in Amateur Radio is welcome to join. Dues are \$15.00 (individual) and \$20.00 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.