

July 2014

(www.k7id.org)

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

**REGULAR
CLUB MEETINGS:**

Monday, July 14, 7:00 p.m.
Search & Rescue Bldg.,
10865 N. Ramsey Road
Hayden, Idaho
Topic: ???
Presenter: ???
Refreshments: ???

Monday, July 14, 5:30 p.m.
ARRL VE Test Session
Search & Rescue Bldg.

Monday, August 11, 7:00 p.m.
Search & Rescue Bldg.,
10865 N. Ramsey Road
Hayden, Idaho
Topic: ???
Presenter: ???
Refreshments: ???

Upcoming Events

Letter from the President

July 2014

Dave Boss KF7YWR

boss@infinityusers.com

We are now half way through the year and I cannot believe how fast time has gone. Our Hamfest is behind us. Those of us that participated in field Day are nearly rested up and back to normal (a relative term of course), although my equipment is still in a pile that will be sorted at a convenient time in the future.

Hamfest went well, having only a minor glitch or two that were easily resolved. I have yet to hear a head count but it seemed to me we had better attendance than the previous year. The number of new hams reporting over the air about new purchases was encouraging; I love the raw enthusiasm of the new inductees into our Brotherhood of Hams. This year my purchases were limited to lunch and just a couple of items, so as to not compete for any of the goodies. A great big "thanks" to all that helped out with the Hamfest this year, and to all that showed up to make it a success. We should have a report to see just how we did with the balance sheet. A special thanks to Randy and Allen for cooking, and Jim and Jim for their hard work in organizing the event.

Field Day went well as well, with over 500 contacts with the three stations that were operating. Contacts were made with Puerto Rico, Russia, Alaska and Hawaii to name a few. Reporters from the Coeur d'Alene Press and the weekly Rathdrum paper were amongst our visitors. Several individuals expressed an interested in learning our craft, while a few Hams which had not been on the air for years were intrigued with the Fldigi Demo we had going and sounded serious about rejoining our ranks and trying the digital format. I guess they had become mic-shy. Our Secretary's nine year old son hung in 'til midnight or so and logged 22 GOTA calls, and I think his young daughter contacted Hawaii. Way to go Adam, for getting them started early. I do believe grand fun was had by all that attended. Thank you Ed, Jim, Rod, Quint and everyone else for the effort to pull this off, we couldn't have done it without you.

Loaner Equipment

We have loaner radios. The club had two Baofeng dual band Handi-Talkies donated for use by new hams, and to my knowledge they have not been used. They are programmed for the local repeaters and may be checked out by merely signing your life away on the dotted line or your

parent's life if you happen to be under the age of majority. It's really easy, trust me! This makes it easy to get on the air.

Overdues

It has been brought to my attention that there are still some that need to pay current dues. Please pay up to our kindly old treasurer (that would be Pat) or you will become a Charter Member of our new newsletter feature, "THE WALL OF SHAME". This feature will list all members who refuse to be timely with paying up on their dues. Sooooo, before the next meeting, run out to the backyard, dig up just one small jar full of cash, and then hand it over.

P.S. We have several members with metal detectors should you require assistance in locating your cache, so not being able to find your stash will not an acceptable excuse.

Canfield Cleanup

Our agreement with the County for having our repeater on the Canfield site requires the Club to keep the weeds and brush cleared at the site. Last year it was done on Field Day, which puts us in the right time frame for the task this year; a half a dozen folks should be able to clear it completely in no time at all. So, be ready to step up and volunteer when a date is finalized. I will chase you down via e-mail or phone or over the air. Besides, the view from up there is breathtaking.

BAOFENG CHANGES NAME TO POFUNG

Radio supplier Baofeng has changed its product distribution name to Pofung for all sales outside China. In an announcement on its website the company says that it feels it's time to adapt its brand to the global stage. It notes that the current name Baofeng is a literal translation of its Chinese character name, and as such it may be difficult for a hobbyist elsewhere in the world to pronounce. The company says that its new product name of Pofung is easier to pronounce and more friendly to its customers, while maintaining the phonetic symbolism of its brand. The company's official web domain www.baofengradio.com will remain unchanged. (Baofeng)

MARS Teams Remember D-Day With a Present-Day Purpose

For the second year in a row, hams in the Military Auxiliary Radio System (MARS) have reached overseas to demonstrate interoperability in cross-border emergencies. The June 6-7 exercise also had a historical aspect — to commemorate the role of HF radio in the D-Day landings

of 1944. Joining MARS stations in the US and Europe in the drill were the Canadian Forces Affiliate Radio System (CFARS) and units of the British Defence Ministry's Combined Cadet Force. Replicating beachhead communications on D-Day, the operation called for using minimal power and simple wire antennas in a friendly competition to make the most contacts. Army MARS Headquarters Operations Officer David McGinnis, K7UXO, who created the drill scenario, dubbed it "Operation QRPX" — the "X" for "exercise."

The drill reflected earlier barrier-breaking during the Normandy invasion 70 years ago. Supreme Headquarters Allied Expeditionary Force deployed three "Joint Assault Signal Companies" (JASCOS) that pooled front-line ground, sea, and air communicators to support the three US landings.

"In the spirit of the JASCOS, this is a global, low-power exercise, using field equipment and antennas, open to military stations of each US military department, Allied military stations, and their respective military communications auxiliaries," said the exercise order issued by Army MARS Headquarters in Arizona.

Army MARS Headquarters invited Allied military stations to join in two categories. One consisted of 20 W operation within North America and Europe; the other of stations running up to 100 W across the Atlantic. Participants were scored according to the number of contacts plus a bonus for making automatic link establishment (ALE) contacts.

A preliminary tabulation of 82 entries gave first place to Army MARS member David Bly, K7DTB, of Sierra Vista, Arizona, with 43.05 points. He was followed by T/Sgt Nathan Belanger of the Air National Guard's 148th Air Support Operations Squadron, Fort Indiantown Gap, Pennsylvania, with 35.7 points.

"I train our operations troops on HF comms, so I saw it as a great way to reinforce my knowledge and see what we could accomplish," Belanger explained. "The exercise also served as great radio operations and communications etiquette training for the airman assisting me. Exercises like this really give practical training and understanding of how far HF can go."

Although Army MARS Region 2 Director Dick Corp, W2WC, placed third with 33 points, one of his hits was a home run — a contact with military contractor Tim McFadden, KB2RLB/T6TM, in Kabul, Afghanistan. Corp was running 50 W and had used a bow and arrow to launch an inverted V into an 80 foot tree near Albany, New York. McFadden, in turn, bagged the American Embassy in Kuwait and one cadet station in the UK

Dan Wolff, KA7AGN/DL4VCW, operating with 50 W on emergency power near Spangdahlem Air Base in northwest Germany, logged a few contacts with stations operated by high school-aged British cadets, drawn from

separate Army, Navy and RAF auxiliaries. “They were enthusiastic, professional, and demonstrated a high degree of radio discipline and skill,” said Wolff, who had briefly coached them on MARS procedures. “We look forward to future opportunities to interoperate with them.”

A year ago in the auxiliary’s first outreach operation, Army MARS provided the HF link between the US Pacific Command in Hawaii and indigenous amateurs in remote Nepal. That exercise, which involved a simulated earthquake disaster requiring relief assistance from American military forces, was conducted by the US-sponsored Multinational Interoperability Communications Program (MCIP). Some two dozen Asia-Pacific military establishments pool resources in the MCIP, sharing a humanitarian mission. A second MCIP drill in the Asia-Pacific region is expected to follow in August. The organization was established after the 2004 tsunami that killed upward of 230,000 people in countries bordering the Indian Ocean. Tangled communications were a problem during relief efforts, and the MCIP has met annually to coordinate frequencies and procedures to address future calamities.

In 2012 the MCIP checked the feasibility for Amateur Radio to interoperate with military circuits. Based on the successful outcome, Army MARS was invited conduct a communications exercise last year with one of the most isolated countries, Nepal, which has a history of disastrous earthquakes. Two amateurs in Kathmandu, Sanjeeb Panday, 9N1SP, and Satish Krishna Kharel, 9N1AA, transmitted simulated distress traffic that was copied by McFadden in Kabul, who relayed it to Wolff in Germany for posting on the Pacific Command’s online network for civil emergency operations.

Changes to Amateur Service Part 97 Rules Go Into Effect on July 21

The FCC’s recently announced revisions to the Part 97 Amateur Radio rules governing exam credit to former licensees, test administration, and emission types will go into effect on Monday, July 21. The new rules were published in *The Federal Register* on June 20.

In a wide-ranging *Report and Order (R&O)* released June 9, the Commission announced that it would grant examination credit for written elements 3 (General) and 4 (Amateur Extra) to holders of “expired licenses that required passage of those elements.” The FCC will require former licensees falling outside the 2-year grace period to pass Element 2 (Technician) in order to be relicensed. The Commission declined to give exam credit to holders of expired *Certificates of Successful Completion of Examination (CSCEs)* or to extend lifetime validity to *CSCEs*.

The FCC also embraced the use of remote testing methods, allowing volunteer examiners and volunteer examiner coordinators “the option of administering examinations at locations remote from the VEs.” The National Conference of Volunteer Examiner Coordinators (NCVEC) in 2002 endorsed experimental use of videoconferencing technology to conduct Amateur Radio testing in remote areas of Alaska. The Commission dropped its earlier proposal to permit two VEs to administer exams; the requirement remains at three VEs. The Commission did not spell out the “mechanics” of remote testing, however, which it said would “vary from location to location and session to session.” VEs administering examinations remotely must grade such examinations “at the earliest practical opportunity,” rather than “immediately,” as the current rule for conventional exam sessions requires.

The FCC also adopted an ARRL proposal to authorize certain Time Division Multiple Access (TDMA) emissions in the Amateur Service. The Wireless Telecommunications Bureau in 2013 granted an ARRL request for a temporary blanket waiver to permit radio amateurs to transmit emissions with designators FXD, FXE, and F7E, pending resolution of the rulemaking petition. That waiver becomes permanent on July 21.

The Commission also made “certain minor, non-substantive amendments” and corrections to the Amateur Service rules.

House Bill Would Require FCC to Extend PRB-1 Coverage to Restrictive Covenants

A bill with bipartisan support has been introduced in the US House of Representatives that calls on the FCC to apply the “reasonable accommodation” three-part test of the **PRB-1** federal pre-emption policy to private land-use restrictions. **HR.4969**, the “Amateur Radio Parity Act of 2014” was introduced on June 25 at the request of the ARRL, which worked with House staffers to draft the proposed legislation. The bill’s sponsor is Rep **Adam Kinzinger** (R-IL). It has initial co-sponsorship from Rep **Joe Courtney** (D-CT). If the measure passes the 113th Congress, it would require the FCC, within 120 days of the Bill’s passage, to amend the Part 97 Amateur Service rules to apply PRB-1 coverage to include homeowners’ association regulations and deed restrictions, often referred to as “covenants, conditions, and restrictions” (CC&Rs). Presently, PRB-1 only applies to state and local zoning laws and ordinances.

“There is a strong federal interest in the effective performance of Amateur Radio stations established at the residences of licensees,” the bill states. “Such stations have been shown to be frequently and increasingly precluded by

unreasonable private land-use restrictions, including restrictive covenants.”

The 11-page PRB-1 FCC *Memorandum Opinion and Order* is codified at § 97.15(b) in the FCC Amateur Service rules, giving the regulation the same effect as a federal statute. In short, PRB-1 states that local governments cannot preclude Amateur Radio communications; they must “reasonably accommodate” amateur operations, and the state and local regulations must be the minimum practicable regulation to accomplish a legitimate governmental interest. Subject to those guidelines, municipalities may still establish regulations with respect to height, safety, and aesthetic concerns.

For 28 years, FCC regulations have “prohibited the application to Amateur Radio stations of state and local regulations that preclude or fail to reasonably accommodate Amateur Service communications,” the bill points out, “or that do not constitute the minimum practicable regulation to accomplish a legitimate state or local purpose.” Since PRB-1 was enacted, the FCC has said several times that it would prefer to have some guidance from Congress before extending the policy to private land-use regulations.

HR.4969 has been referred to the House Energy and Commerce Committee. Rep Greg Walden, W7EQI (R-OR), chairs that panel’s Communications and Technology Subcommittee, which will consider the measure.

ARRL Hudson Division Director Mike Lisenco, N2YBB, is a principal advocate for the current legislative initiative to gain PRB-1 recognition for CC&Rs. Lisenco said the most urgent task now is to get additional co-sponsors to sign onto HR.4969.

CEA APPROVES SMART POWER STANDARD

The Consumer Electronics Association has approved a new standard to help consumer devices manage their power consumption. CEA-2047 recognizes that a manufacturer knows how much energy a device will use during operation based on its design. This information can be programmed into the device and used to calculate its energy usage over time, without adding complex metering circuitry. An energy management system or a smart energy app can then gather the information over a network and present it to consumers on their TVs, personal computers or mobile devices. The specification can apply to monitoring the power demands of radio receivers as well. More about CEA-2047 is at tinyurl.com/cea-smart-power (RW, businesswire.com)

27 MHZ SSB CB LEGAL IN THE UK AS OF JUNE 27

United Kingdom telecommunications regulator Ofcom has announced amendments to that nation’s Wireless Telegraphy license regulations that will enable 27 MHz SSB Citizens Band operation with 12 watt Peak Envelope Power.

Specifically, the revised United Kingdom C-B rules will allow two different Amplitude Modulation modes of operation. These are designated separately as AM double side band and single side band. This will be on a license exempt basis with an effective date of June 27th.

Until now, 11 meter Citizens Radio in the United Kingdom has been an FM-only service.
(Southgate)

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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

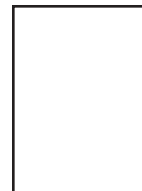
Email address _____

Signature _____

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"/>		

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.

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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.