



March 2011

(www.k7id.org)

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

REGULAR CLUB MEETINGS:

Monday, March 14, 7:00 p.m.
Kootenai Search & Rescue
Bldg., Hayden, Idaho
Topic: SWR
Presenter: Jack Tiley, AD7FO,
EWA Tech. Coord.
Refreshments: Bob & Bonnie
Kesson

ARRL VE Testing Session 3/ 14/11

5:30 PM Walk-ins welcome
All exams administered.

Monday, April 11, 7:00 p.m.
Kootenai Search & Rescue
Bldg., Hayden, Idaho
Topic: Technology of the
National Weather Service
Presenter: Anthony Cavallucci,
NWS
Refreshments: Bonnie
Patterson, KG6QQM

Upcoming Social Events

03/12/2011
Mike & Key Hamfest
Western Washington Fair-
grounds
Puyallup, Washington
\$8 at the gate for entrance; no
charge for entrance to test.

From the President's Desk Mike:

Thank you everybody who showed up to the February meeting! I would like to thank Ed Stuckey, AI7H, for the outstanding presentation. I hope this gives everybody the opportunity to design, plan and build their perfect antenna. Especially with all the new hams that are testing, I hope that we could give them some of our insight on antenna building. And with Field Day around the corner, we can all plan our "portable" antenna.

This month for March we have Jack Tiley, AD7FO. Jack will be presenting SWR, the Standing Wave Ratio. This is a lot more in depth presentation covering SWR and radiation effectiveness.

The Idaho QSO Party is another great event; and with our club as the sponsor club we are looking for participants and volunteers to help with log checking. Currently the point of contact for IQSOP is Ed Stuckey, AI7H. Please watch the newsletters and meeting minutes for more information on Idaho QSO Party.

Hamfest is a great opportunity for the club to generate revenue to go into the club's repeater and other projects. Currently the '98 machine on Mica is turned off until we can get a work crew up there to see what is causing the receiver problems. Fortunately, we were able to purchase a second '98 machine and place it in the valley and turn it on when needed. So let us all go to hamfest. It is just before Field Day and maybe we could get the last little bit of equipment that we are missing that we could use for Field Day.

It is time to start thinking about the Field Day preparation. The club's Field Day point of contact is Ed Stuckey, AI7H, who will take care of some of the preparation. Field Day will need assistance with set-up. If you are interested in assisting or participating in Field Day, please contact Ed at ai7h@arrl.net.

Thomas Barrett, KD7JUS
KARS President

Membership Dues are due in March - To prevent being dropped from the rosters, please have your dues paid by the March meeting. Any members that do not turn in their dues and membership application by March 31st, will be dropped from the roster and will no longer receive their copy of this newsletter and meeting minutes.

From the Section Manager's CW Key:

Repeater Listing Web Site

Check out this web site: <http://www.repeaterbook.com/index.php> Scroll down to the middle of the page and select the state of interest. Then you can zoom in by county, city, or highway. This is an open web site and we encourage everyone to check it out. Make corrections directly, or send them to me and I will make sure they get in. Thanks and 73, Ed, AI7H

Idaho QSO Party

This event is to give hams outside of Idaho a chance to work us (after all, we have less than 1% of the US hams here in ID)! Check out the rules at: <http://idahoarrrl.info/qsoparty/index.html> The hours of operation are from 12 Noon on Saturday 03/12 thru 11 a.m. on Sunday 03/13 (because this is the weekend we change back to Daylight Savings Time). We hope everyone can get on for a while and give folks a chance to work the Rare DX (which is us!). Thanks and 73, Ed, AI7H

The ARRL Idaho State Convention

Most ARRL Sections have a convention, ours is even better because our Section is the entire State of Idaho. This is a combination Hamfest and educational event, which will be held on April 24-26, in Boise. The event has a website: <http://www.idahostateconvention.com/index.html> If you are interested in attending, make your reservation prior to 03/18 to get special "early bird" consideration.

NOTE: This affects all hams, directly and/or indirectly
- PLEASE READ.

ARRL Grass Roots Legislative Program Request

Dear ARRL Member:

As you may have read, Rep. Peter King has introduced the "Broadband for First Responders Act of 2011" and the bill has been assigned HR 607. The story about the Bill's introduction can be found at <http://www.arrrl.org/news/spectrum-management-bill-threatens-amateur-frequencies>.

The League supports spectrum for Public Safety need, but opposes HR 607 because of the **inclusion of the 420-440 MHz** spectrum as part of a spectrum swap.

ARRL President Kay Craigie, N3KN, has asked that the Divisions activate the Grass Roots Program by having our Members contact their local member of the House of Representatives asking them to oppose HR 607.

A sample letter can be found at <http://www.arrrl.org/sample-letters>.

Your Representatives can be found at <http://www.arrrl.org/contacting-your-congressional-representatives>.

Because of delays in mail to Congress, you should send the letters, addressed to your representative, but mailed to the ARRL's Public Relations office, Chwat & Co. Chwat will sort the mail and distribute it directly to each Representative's office.

John Chwat
Chwat & Co.
625 Slaters Lane
Suite 103
Alexandria, VA 22314

Or by FAX 703-684-7594

It is imperative that the letters reach Congress as soon as possible. Please read about the bill and the threat of our losing more frequencies for amateur use.

73,
Jettie Hill, W6RFF
Pacific Division Legislative Chair
w6rff@surewest.net

FREE Amateur Radio General Class License Study Seminar starts 9 March in CDA. Email K3SHD@ARRL.NET or call 664-6993 for info/to enroll

Member Spotlight Information Sheet

Name: Gary Roth

Callsign: KE7IAT

When were you licensed? May 2006

Where were you originally licensed?: I was a walk-in to the testing session held by KARS following a training class conducted by Larry Telles at the Workforce Center in Post Falls.

What got you interested in Ham Radio?: I have enjoyed listening to radios of various types for about 50 years. Yes, I am showing my age. Broadcast Band, Short Wave Listening, Scanners, and Citizens Band have been fun through the years.

Are there any other family members of yours that have ham radio licenses?: No.

Are you an ARRL member? Yes; If so, Since When?: June 2006.

What band do you most enjoy?: I am partial to Glen Miller or Richard Wagner. Oh, you mean radio frequency bands! <Grin> I am normally on 2m FM during the evenings and on 75 for the half hour I have free in the mornings before I leave for work at 5 a.m.

What Mode do you most enjoy?: I do not have any favorites as of yet.

Any other hobbies that you are into?: Other than reading, no.

Other information about you?: No.

Upcoming GPS problem

NEWS FLASH: The FCC has unanimously APPROVED A CONDITIONAL WAVIER fast-tracking LightSquared to install 40,000 transmitters on cell towers for wireless communications in frequencies on either side of the GPS L1 band. The transmitters are authorized to operate at 15 kilowatts of power.

LightSquared's 4G LTE application proposes to fundamentally change the FCC's own rules of usage of the L1 Band spectrum (1525 MHz-1559 Mhz) from MSS (very low power, space to earth signals) to fixed, high power terrestrial broadband service.

GARMIN described in a recent TEST EVALUATION, the effects of proposed LightSquared broadcasts on two of its most popular receivers: a GNS 430W FAA-certified general aviation receiver and a nüvi 265W portable navigation device. Both lost GPS reception. "If this [FCC-LightSquared] modification is approved, widespread, severe GPS jamming will occur."

Source: www.qrz.com

RESCUE RADIO: HAMS ON ALERT FOLLOWING NEW ZEALAND QUAKE

Rescue workers in Christchurch, New Zealand, are in full callout. This, following a devastating, shallow level 6.3 Richter scale earthquake which struck the heavily populated business area of the city at 12.51 p.m. on Tuesday, February 22nd local New Zealand time. Jim Meachen, ZL2BHF, is in Auckland with the rest of the story:

The utter devastation caused by the quake has severely damaged many buildings in downtown Christchurch including the main cathedral in the central city. While 120 survivors were pulled from the wreckage during the first night more than 300 people remain unaccounted for. According to the latest news reports, as many as 75 are dead and scores injured. Others are believed to be trapped in the rubble as buildings simply collapsed burying anyone inside. Officials expect the death toll to rise as the post quake relief operations continue.

Jim Linton, VK3PC, is the Chairman of the IARU Region 3 Disaster Communications Committee. As this newscast is being prepared, VK3PC reports that communications and power have been cut in many areas, and water supplies disrupted. Under formal arrangements already in place, members of New Zealand's A. R. E. C. will find their services put to use as the post quake rescue operations proceed.

And this is what seems to be happening. In a bulletin the Wireless Institute of Australia's news service reports that a small team of amateur radio operators are keeping the lines of communication open in earthquake-hit areas of Christchurch. The head of the Amateur Radio Emergency Communications team, Richard Smart, ZL4FZ, says 10 amateurs are using their two emergency communications vans to keep rescue teams and Civil Defense staff in touch with one another.

Smart notes that one unit is at a major welfare center. It's providing portable communication so personnel can talk to Civil Defense officials. The other vehicle is en route to assist search and rescue teams in an area where communication is poor. Smart says that amateur radio operators from around New Zealand are volunteering to help out and others are sending updates on the disaster to the families of people in Christchurch who are overseas.

Meantime, Arnie Coro, CO2KK, the International Amateur Radio Union Region II Area C Emergency Coordinator, has issued a notice to hams in the America's. Coro advises users of the 40 and 20 meter bands to be aware of possible earthquake emergency communications traffic taking place in and around the affected areas of New Zealand's South Island, where Christchurch is located.

Coro continues that the propagation on 40 meters more likely to cause problems to the New Zealanders from unintentional QRM coming from the Americas in the window that starts about two or three hours before sunrise and lasts until sunrise on this side of the path. A similar pattern, with a slight time shift shows up on 20 meters as well. More on this story in future reports.

From Auckland, New Zealand, on the North island, I'm Jim Meachen, ZL2BHF, reporting for the Amateur Radio Newsline.

TELECOMMUNICATIONS LAW: DO NOT TRACK ME ON THE INTERNET LAW INTRODUCED INTO CONGRESS

An Internet version of the popular "Do Not Call" telephone legislation took a step toward reality on Friday, February 11th. This when a House of Representative legislator from California introduced a measure in Congress designed to let consumers block unwanted tracking of their information online.

Written by Representative Jackie Speier, the "Do Not Track Me Online" bill authorizes the Federal Trade Commission to enact and enforce regulations that give consumers the right to bar organizations from tracking their activities as they use the Internet.

Speier's measure already has one major backer. Consumer Watchdog, a non-profit and non-partisan

advocacy group, has already applauded the proposed law. In a press release Consumer Watchdog said that consumers should have the right to choose if their private information from being collected, analyzed, and profiled by companies tracking activities online. It says that "Do Not Track Me Online" is the simple way for consumers to say no to being monitored while they surf the Web. (Webnews)

RADIO BALLOONING: HAM RADIO "MAKERS" TO LAUNCH TRANS-ATLANTIC BALLOON ON 7.102 MHZ USB

A ham radio equipped balloon called Speedball-1 will soon attempt to become the first amateur radio balloon to cross the Atlantic. Amateur Radio Newsline's Michael Grebert, KJ4ZZV, has more:

Speedball-1 was originally scheduled to launch the weekend of February 26th from Space Port Indiana located in Columbus, Indiana. According to the projects website, that date has now been pushed back to when both the Jet Stream as well as ground launch conditions are more favorable for such a flight.

While no exact launch date for Speewdball-1 has been announced, once aloft it will be transmitting RTTY and DominoEX on a Upper Sideband with dial frequency of 7 point 102 MHz. The actual signal will be on 7 dot 1035 MHz and the transmitter will alternate between 110bps RTTY and the DominoEX digital mode. Free dl-fldigi decoder software to follow the balloons progress is at tinyurl.com/4lplegv

Speedball-1 is a project of the new LVL1 Makerspace in Louisville, Kentucky. They vdescribe themselves as a team of makers, hackers, and amateur scientists, loving the incredible number of challenges this has project presented.

For the Amateur Radio Newsline, I'm Michael Grebert, KJ4ZZV, near Nashville, Tennessee.

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

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!

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 _____

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City _____ State _____ Zip Code _____

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ARRL Member _____ May we publish limited information _____

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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 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.

2011 CLUB OFFICERS

President: Thomas Barrett, KD7JUS
208X773X3135 president@k7id.org

Vice-President: Allan Campbell KE7DFT
vicepresident@k7id.org

Exec. Director: Bonnie Patterson, KG6QQM
excdirector@k7id.org

Secretary: Megan Barrett, KE7RCD
208 773-3135 secretary@k7id.org

Treasurer: Tom Richmond, NI7W
208 772-0907 treasurer@k7id.org

Newsletter Editor: Gary Roth, KE7IAT
509 993-8468 ke7iat@comcast.net

Repeater Trustee: Jerry Hooper, KA7RNX
ka7rnx@arrl.net

Repeater Tech: Jim Monroe, N7ESU
208 687-2251 n7esu@arrl.net

Webmaster: Larry Telles, K6SPP
208 762-2548 ltelles@icehouse.net

Past President: John Hollar, N7JU
877 877-0040 n7ju@jarrl.net

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.