

July 2008

(www.k7id.org)

P.O. Box 5222 Coeur d'Alene, ID 83816

REGULAR CLUB MEETINGS:

Monday, July 14

Search And Rescue Building
Program: Bob Kesson, D-Star
Refreshments: Lani Hopkins

Monday, August 11

Search And Rescue Building
Program: Larry Telles and Randy
Carlson, LINUX
Refreshments: Jean Carlson

SOCIAL EVENTS:

Pancake Breakfast

Saturday, July 19 - 8 a.m.
Contact Randy Carlson for
directions. Donation of \$2.50
requested. Let Randy know if you
plan to attend at the meeting on
July 14.

Ice Cream Social

Saturday, August 23 - Time TBA
Contact Bob Kesson for further
information.

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Dear Club Members:

Summer is finally here and so is the heat, but I promised myself I would not complain about the heat after all the snow we had this last winter so I won't.

The Hamfest was a success. I bought a number of small items I did not need, met some new Hams who upgraded their license, enjoyed a hamburger and the event made a profit.

Ironman support activity occurred the next weekend and I enjoyed supporting Bike #4 station as their communication link to the Command Center along with a lot of other Hams. My HT worked fine at this location as did the 5/8 antenna I mounted on my ATV. ATV's with 2 meter rigs would be a fun summer activity in the Silver Valley.

I try to ride the Hiawatha Bike Trail at least once each summer and this year we could use HT's to keep in touch as long as we had line of sight. I like to go midweek to avoid the weekend crowds so let me know if you are interested.

I will ask Gary to just reprint the same Problem Set #6 that was in last month's Propagation. I have about three or four unique prizes that will be given away at the July meeting so please call or email me with your answers.

Check the upcoming activities on our web site so you don't miss Randy's pancakes and other events.

With our six grandkids living in Whitefish Montana, about 240 miles away, we try to visit a lot during the summer and we were there all last week so that is why this newsletter input is being generated on the 28th and not before the 25th deadline. Since we got home from Montana on Friday night I was too wiped out to participate in Field Day. I hope this was a success and am anxious to read about the contacts made. I got talked into driving my 'Big Truck' to Montana as the kids needed stuff hauled over and was pleasantly surprised that the 8,000 lb. vehicle got 20 MPG. Not to shabby.

Ed Hannigan KE7FOW
Club President

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The annual "Rathdrum Hamfest" has once again ended as a success at the Post Falls American Legion Hall. A good time was had by all.

Door Prizes were won by: S. Carlton, KD7VRK, ARRL Handbook; Jeff Wall, KB7TIC, G5RV Jr.; Dick Snell, W7BHP, Top Hat; Jim Monroe, N7ESU, Repeater Directory; Ken, W7KLL, dual band ant; Walt, K7ETJ, MFJ Dual clock; Linda C., N7UTK, Top Hat penknife; Matthew, KE7PXR, Mobile Antenna, Gabby, KE7ADN, ARRL Handbook, Jim Miller, N8BNI, mobile mount; Gabby, KE7ADN, Repeater Book; Jim Monroe, N7ESU, Antenna Book; Chris Monroe, N7ZUJ, Kill A Watt; Jerry, KA7RNX, Converter; and, Jim Monroe, N7ESU, Small ARRL Book.

Bob Kesson will be giving a presentation on D-Star at the July meeting. D-Star is Icom's latest offering of digital communications to the amateur community.

Problem Set #6:

#1. One hundred people attend a circus, and the admission receipts come to 100 dollars. Tickets are 5 dollars per man, 2 dollars per woman, and 10 cents per child. How many men, women, and children attended?

#2 What is the time constant of a circuit having two 100 microfarad capacitors and two 470 kilohm resistors in series?

Answers to last months Problem Set are as follows:

#1. Wavelength = c/f

$c = (\text{speed of light}) = 300,000,000 \text{ m/sec}$

$f = (\text{frequency}) = 7.125 \text{ mhz}$

therefore wavelength = 42 meters

#2 Total resistance = $1 / (1/R1 + 1/R2 + 1/R3)$

Since all the resistors are of equal value (100 ohms), then the Total resistance is the value of the resistor divided by three or 33.3 ohms

Submit your answers at the next meeting and win a unique prize.

Ed KE7FOW

KARS Sponsored VE TESTING SESSIONS

New Extra Class Examinations Start on July 1, 2008

14-Jul-2008 at the KARS Regular Member Meeting

Sponsor: KOOTENAI ARS

Time: 5:30PM (Walk-ins allowed)

Contact: [JOHN S HOLLAR, N7JU](mailto:JOHN.S.HOLLAR@N7JU)

208-765-5470

Email: VETESTING@K7ID.ORG

VEC: ARRL/VEC

Location: KOOTENAI COUNTY SEARCH & RESCUE

10865 N RAMSEY RD

WEST END OF MILES AVENUE

HAYDEN, ID 83835

11-Aug-2008 at the KARS Regular Member Meeting

Sponsor: KOOTENAI ARS

Time: 5:30PM (Walk-ins allowed)

Contact: [JOHN S HOLLAR, N7JU](mailto:JOHN.S.HOLLAR@N7JU)

208-765-5470

Email: VETESTING@K7ID.ORG

VEC: ARRL/VEC

Location: KOOTENAI COUNTY SEARCH & RESCUE

10865 N RAMSEY RD

WEST END OF MILES AVENUE

HAYDEN, ID 83835

North Idaho VE Testing Session Report for June 2008

The following Extra Class Licensees and certified VE's is presented with their total number of KARS testing sessions for the ARRL VEC.

Nice work es TNX [JOHN S HOLLAR, N7JU](mailto:JOHN.S.HOLLAR@N7JU)

KI7EP 145

KA7RNX 61
N7JU 32
K6SPP 27
KB7BYR 22
K7CGA 9
N7SZY 12
WO6LF 5
W7GSV 1 (new)
KE7IAT 1 (new)
N7JIL 1 (new)

Our congratulations to KARS member *Ron Kimberling*, KE7SKL Rathdrum, ID. for passing his Extra Class; and to *Melva Bradshaw*, KE7UAD, of Priest Lake, ID. for her new Technician call letters (with 0 questions wrong) ; all actions from the May 2008 KARS meeting VE Session.
[JOHN S HOLLAR, N7JU](#)

SPOKANE, WA - Register to test in Spokane in September by calling **Mary, AA7RT** at 509-991-2192 or e-mail aa7rt@arrl.net for dates, locations and times.

RADIO SAFETY: RADIO SHACK AND CPSC RECALL TWO MODELS OF POPULAR POWER SUPPLIES

The U.S. Consumer Product Safety Commission, in cooperation with Radio Shack Corporation issued a recall notice on July 2nd. This, concerning two models of power supplies that the CPSC says places owners at risk of electrocution while also presenting a fire hazard.

The units recalled are 13.8V DC Power Supplies identified as Radio Shack catalog items 22-507 and 22-508. They were sold at Radio Shack stores nationwide from October 2004 through January 2008 for between \$50 and \$85. The units affected carry date codes from 08A04 through 01A08. Both the catalog number and date code are located on the back of the power supply.

The CPSC release says that about 160,000 of these units are in the hands of the public. It advises that consumers should stop using recalled products immediately unless otherwise instructed. Consumers should unplug the recalled power supply immediately and take it to any Radio Shack store for a free repair. Registered owners of the recalled units will be mailed a notice.

The Consumer Product Safety Commission release also notes that power supplies with a green dot on the product and on the product's packaging have already been repaired. Therefore, they are not included in the recall.

For additional information, contact Radio Shack anytime at 800-843-7422. Or you can visit the firm's website at www.radioshack.com/recall (CPSC public release)

Attention: Kootenai County ARES/RACES

Members! Don't forget! New meeting location for monthly KC ARES/RACES meetings, Civil Air Patrol, Sheprock Building, Coeur d'Alene Airport. The start time remains 6:30 p.m.

Refreshment Sign-Ups for the rest of the year:

04/14/08 - Megan Barrett
05/12/08 - Cheryl Richmond
06/13/08 - Pre-Hamfest Potluck
07/14/08 - Lani Hopkins
08/11/08 - Jean Carlson
09/08/08 - Leanne Carney
10/13/08 - Chris Monroe
11/10/08 - Gary Roth
12/08/08 - Christmas Potluck

Idaho ARRL News

Idaho Hams who are ARRL members will receive a ballot via US mail in July, to select a new "Idaho Section Manager". The Section Manager (SM) serves a two-year term that involves a lot of coordination between hams in Idaho and the ARRL organization. The SM duties list is a long one, which you may view at the following internet address: www.arrl.org/FandES/field/org/sm.html

The two candidates for Idaho SM are Chuck (KX7ID), from Nampa, and Ed (AI7H), from Post Falls. When you receive your ballot, please vote, and mail it back to ARRL headquarters in the envelope that is provided. Ballots are counted in August and the new SM will begin his duties as of 10/01.

I was gratified that so many local ARRL members signed my nominating petition, and would appreciate your vote for SM in July. It would be nice if the SM was from North Idaho, for a change.

Thanks and 73,
Ed Stuckey, AI7H

Computer Recycling

As you probably know, there are a lot of exotic metals in computers and monitors, and there is a lot of concern about keeping junk computers out of landfills. If you want to dispose of junk computer gear at an authorized recycling

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center, go to the "Computer Station", at 509 N. Sullivan in Spokane Valley. They charge \$2.50 per computer or desktop printer, and \$5.00 per monitor or laptop computer. This is not cheap, but it's legal!

EMERGING TECHNOLOGY: RFID TAGS VS. HOSPITAL ELECTRONICS

Medical monitoring equipment in hospitals could be interfered with by micro-power tracking devices called R-F Identification Tags. This, according to scientists in the Netherlands. Jim Damron, N8TMW, has the rest of the story:

Radio frequency identification devices better known as RFID tags are on the rise in healthcare. Among other things they are being used to help track patients and reveal the location of equipment.

But the latest research, conducted at Vrije University in Amsterdam, shows a problem. There scientists tested the effect of holding both passive and powered RFID tags close to 41 medical devices, including ventilators, syringe pumps, dialysis machines and pacemakers. A total of 123 tests, three on each machine, were carried out. Some 34 produced an incident in which the RFID appeared to have an effect on hospital gear. Of these, 24 were deemed either "significant" or "hazardous".

In some tests, RFID's either switched off or changed the settings on mechanical ventilators, completely stopped the working of syringe pumps, caused external pacemakers to malfunction, and halted dialysis machines.

The device did not have to be held right up to the machine to make this happen - some "hazardous" incidents happened when the RFID was more than 10 inches away.

For the Amateur Radio Newsline, I'm Jim Damron, N8TMW, reporting.

REQUEST TO USE THE K7ID CALL SIGN

1. Function / event
2. Date of event / hours of use
3. Control operator (should be Amateur Extra Class licensee)
4. Overview on event
5. Maintain Log (users / bands) and submit copy to KARS board members after event
6. Comments about your event

Not approved []

Approved []

By _____ call sign _____ Date _____

(A copy of this form shall be kept on site at the function / event.)

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COFFEE & DONUTS
EVERY WEDNESDAY MORNING
8:00 A.M. To 10:00 A.M.
Pleasant Land Books & Espresso,
8052 W. Main, Rathdrum, ID
(208) 687-3100



Bring a writing instrument. Pleasant Land Books has the napkins for our breakfast table engineering!

Missing Hams!

When the Club recently mailed postcards to local hams for the May "Meet and Greet" party, we were surprised at the number returned because of invalid addresses. If you know any of the hams listed below, please contact them and invite them to a future Club meeting. Additionally, our VE team can aid hams who need to execute a change-of-address transaction with the FCC.

N4LWP, David Gilmore, CDA; KD5EBC, Bennett Sanderson, CDA; KD6GM, James Prichard, Post Falls; KE6KGG, Chilton Fickel, Post Falls; KE6KMB, David Noyer, CDA; N6JTR, James King, Hayden; K7PCU, Vernon Nelson, CDA; KA7OWC, Viviana Finney, CDA; KA7QKL, Frederick Moore, Post Falls; KA7RAE, Jack Carver, Post Falls; KA7ZEK, Robert Cameron, CDA; KB7TEN, Frank Spuler, Hauser; KB7UAP, Terry Anderson, CDA; KC7YZK, Raymond Tucker, Hayden; KD7CNL, Douglas Hooker, Post Falls; KD7DEP, Brad Hogeweide, CDA; KD7DZX, Dan Rutler, Rathdrum; KD7QHW, Doug Duncan, CDA; KD7JOM, Malloreay Anderson, Hayden; KD7JSE, Nicholas Marchant, Post Falls; KE7DKK, Duane Wolff, Hayden; KJ7AQ, Tovia Mykkanen, CDA; N7AHL, Philip Munts, Hayden; N7AWA, Donald Johnson, Post Falls; N7IRF, Beverly McGaughey, Rathdrum; N7WNP, Ellis Hanna, Hayden; WA7FQK, Oliver Holo, Post Falls; and KG0HD, Kurt Andersen, Hayden.

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

Kootenai Amateur Radio Society (KARS) YEAR 2008 MEMBERSHIP APPLICATION

{ } New Member: \$12.00 { } Renewal: \$12.00 { } Family Membership: \$18.00

{ } Information Update Only

New! Two year membership Rates:

{ } New Member: \$22.00 { } Renewal: \$22.00 { } Family Membership: \$33.00

ARE YOU AN ARRL MEMBER? YES NO (Please Circle One)

CALLSIGN: _____ CLASS: _____ EXPIRATION: _____

FIRST NAME: _____ M.I. _____ LAST NAME: _____

ADDRESS1: _____

ADDRESS2: _____

CITY: _____ STATE: _____ ZIP: _____ - _____

PHONE NUMBER: (____) _____ OK TO PUBLISH? YES/NO (CIRCLE ONE)

EMAIL ADDRESS: _____ @ _____

OK TO PUBLISH EMAIL ADDRESS? YES NO (CIRCLE ONE, PLEASE)

**NOTE: IF THIS IS A FAMILY MEMBERSHIP, (All members with the same address),
PLEASE COMPLETE THE FOLLOWING SECTION FOR YOUR FAMILY.**

NAME: _____ CALL: _____ CLASS: _____

NAME: _____ CALL: _____ CLASS: _____

NAME: _____ CALL: _____ CLASS: _____

NAME: _____ CALL: _____ CLASS: _____

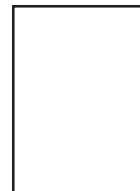
NAME: _____ CALL: _____ CLASS: _____

*RETURN THIS FORM WITH YOUR DUES, (CASH OR CHECK), TO THE KARS TREASURER OR, MAIL TO:
KARS TREASURER, P.O. BOX 5222, Coeur D'Alene, ID. 83816.*

(Office use only.) CK: __ CSH: __ Mbr Spreadsheet: __

PASS THIS ON TO A FRIEND!!!

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.

2008 CLUB OFFICERS

President: Ed Hannigan, KE7FOW
208 818-7235 naginnah@jrcda.com

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208 640-7455 KB7TIC@gmail.com

Executive Director: Gary Roth, KE7IAT
509 993-8468 KE7IAT@comcast.net

Secretary: Thomas Barrett, KD7JUS
208 818-2039 KD7JUS@arrl.net

Treasurer: Tom Richmond, NI7W
208 772-0907 NI7W@arrl.net

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208 687-2251 n7esu@arrl.net

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208 762-2548 ltelles@icehouse.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.