

April 2008

(www.k7id.org)

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

REGULAR CLUB MEETINGS:

Monday, April 14

Search And Rescue Bldg
7:00 to 9:00 P.M.

Speaker: John Hollar, N7JU

Program: Philo T. Farnsworth

Refreshments: Margaret Telles

Monday, May 12

Search And Rescue Building
7:00 to 9:00 P.M.

Program: Social Mixer

Refreshments: Megan Barrett

IN THIS ISSUE

Our Guest Speaker.....	Page 2
VE Report	Page 3
New Meeting Site	Page 2
Helping the Boy Scouts	Page 4
Silent Key Radio Sale	Page 4
ARRL News	Page 4
KARS Application	Page 5

Dear Club Members and Friends,

Well, Spring is finally here so start taking your HT on your daily walks and soak up some sunshine and the corresponding vitamin "D". Remember that springtime in North Idaho means that you only need to wear your ice cleats for part of the walk and if you live above 2500 feet you may still have a snow shower or two.

Our 146.980 repeater needs its power cycled, but access through the snow on Mica Peak is an issue. Our last speaker, Steven May, has committed to cycle the power on his next trip up the mountain by just unplugging and then reinserting the power cord back into the outlet. Jim Monroe will install a "Repeater Reset Timer" box as a more permanent fix when he is able to make the trip. John Hollar and Chuck Green designed and built the "Repeater Reset Timer" which will cycle power each day at midnight and hopefully eliminate the down situations we have been experiencing.

During last month's meeting the first four planned activities had their dates confirmed and are posted on the WEB. All these activities require lots of support so please sign up on circulated "Sign Up Sheets" at the next meeting. The first activity is demonstrating Amateur Radio to the Boy Scouts at the County Fairgrounds on April 19th, which is only four weeks away or five days after our next April 14th meeting. The second event is the Highway Cleanup on May 17th, which requires some strenuous walking so get those legs and body in shape. If you want to be less active, but still perform important tasks then consider handing out trash bags, shuttling workers as needed, and setting up traffic signs.

REMEMBER that our April meeting will be held at the new SAR building. Jim Linden will move his ARES / RACES meeting to our former meeting location in the CAP building and again this structure will still serve the community.

The providers of our monthly refreshments and especially Randy and Jean who have been providing coffee forever need to hear your appreciation. Speak to Renee Stuckey about volunteering to bring additional refreshments or "Just Do It" since you can always take your goodies home if there are leftovers.

This month's speaker is our own bright and eloquent John Hollar who will dazzle and amaze us with facts about Philo T. Farnsworth, so don't miss his presentation.

(continued on page 2)

Set a goal, build an antenna or get your name / call sign in QST as Ed Stuckey did on page 83 of the April issue.

Keep your brain exercised and complete the “Monthly Problem Set” and your effort will be rewarded with a unique prize.

Ed Hannigan KE7FOW
Club President



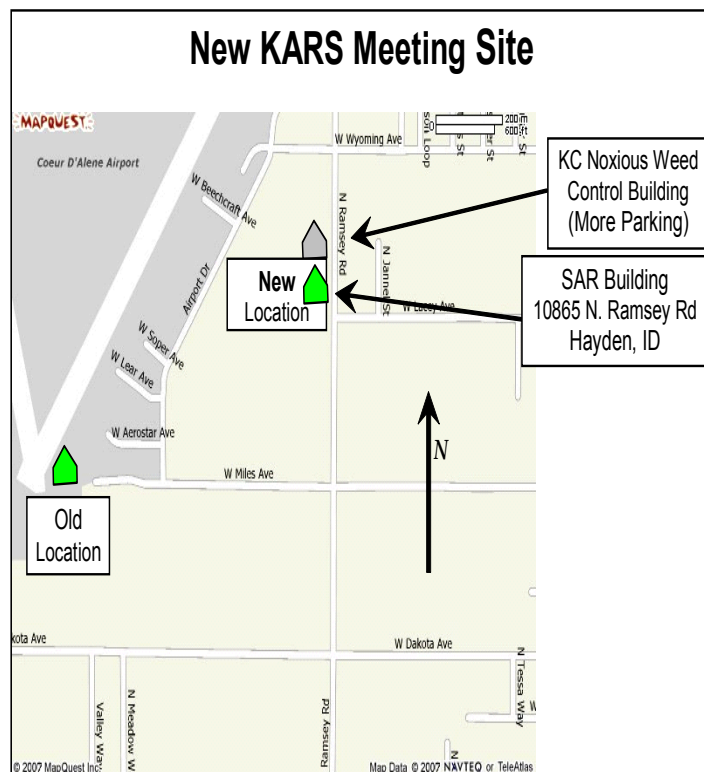
Who was **Philo T. Farnsworth**? If you live and breathe in the great state of Idaho, you need to know all about Philo T. Farnsworth. The **real inventor of television** and first to demonstrate electronic scanning, transmitting, and reception of moving electronic images that changed the way we live. David Sarnoff, celebrated founder of NBC and head of RCA (and who claims, as a boy, to have been the first to actually decode the Morse SOS message from the Titanic - *honk!*) spent twenty years trying to lay claim and credit for all of Farnsworth’s designs. He was determined to control television in the way he monopolized radio by owning all the royalty producing patents. N7JU will overview this story and give you insights to the man, his life and times along with the brutal process that has certainly changed the way creativity is exercised in today’s litigious society. **April 14th, 2008 KARS Meeting at the SAR Facility Kootenai County Search & Rescue, 10865 N. Ramsey, Hayden, ID 83835.**



KARS Moves to New Home

The Club held our final meeting at the “Shep-Rock” or “CAP” Building in March, 2008.

Beginning with the April meeting, KARS will meet at the Kootenai County Search and Rescue Building (“SAR Building”), 10865 N. Ramsey Rd., Hayden. Our meetings will continue to be held on the second Monday of the month (04/14/08, for example). The new meeting site is very close to the old one. 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. Parking is somewhat limited, and it is OK to park next door at the KC Noxious Weed Control building for Club meetings. See the map adjacent to this text.



Update on Bailey and Verena

Greetings to each of you!

Some of you I know, most of you I do not. I am honored to be Bailey and Verena’s daughter, Catherine, and I wish to thank each of you for your continued love, prayers and support for my parents during this difficult time.

The reason for my note today, is to let you know that I will be leaving to visit my folks in Switzerland on Monday, April 7th, with a return date of April 24th.

For those of you that are here in the Coeur d’Alene area and would like to send along something small (and I do mean small, due to limited space in my suitcase), such as a card, note, etc ... I would be more than happy to hand

deliver these personal mementos to my parents. It would mean so much to them!

Sorry for the short notice, my travel plans were made just yesterday and I know everyone has a busy week ahead of them.

Please, if you can, be sure to have your mementos dropped off at my parent's home in Coeur d'Alene prior to Saturday, April 5th by 2 pm. Their front porch is covered and safe from the weather, please leave anything you wish for me to bring in the corner by the front door. I will try to get out there tomorrow to place a basket or box you may leave them in as well.

Their address is: 2859 N. Sugar Pines Dr., Coeur d'Alene, ID 83815

Again, thank you for all of your thoughts and prayers. I know we all anxiously await their coming home to Idaho.

Fondly,
Catherine Sanders
Daughter of Bailey and Verena

Note To KARS - Larry Telles has offered a 4G Jump Drive to be sent to Bailey and Verena.

Hamfest Donations

This is a reminder that the KARS Hamfest and Swap-meet is only two months away. Last year the Club treasury gained over \$200 from member donations that were resold during the Swap-meet. So, if you are doing spring cleaning, and have pre-loved items that are no longer needed at your Ham station, please consider donating them to KARS.

Your donation can be large or small, they are all appreciated. We will probably organize odds-and-ends into grab bags, and sell them for \$5 or so per bag. You may bring donations to Club meetings in April, May, and June, and contact any officer for disposition. Thanks in advance!
73, Ed AI7H

VE Testing

Congratulations go out to Tedd Roberts, KE7SKH (Technician), Ronald Kimberling, KE7SKL (General), Chantal McKinney, KE7SKK (Technician), Joshua Anderson, KE7FKM (Upgrade to General), and Kraig Brown, KE7SKJ (Technician). These fine people passed their respective tests at the VE Testing Session in March.

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

Problem Set #4:

1. John, a very bright and eloquent individual, enjoys trying out his gambling skills in Las Vegas. Unfortunately, as most other gamblers, he loses more than he wins. During his last visit he selected three casinos which had an unusual rule. This rule required that you pay one dollar to enter and one dollar to exit. John entered the first casino, paid his dollar, promptly lost half of his money then paid his exit dollar and left. At the second casino he repeated the same process. At the third casino he also repeated the same process, but this time after paying his exit dollar he was flat broke (zero dollars left). The question is: How much money did John start with. All numbers are whole numbers. (Hint: Try working this problem backwards and also remember that John started out with three crayons in his pockets and dropped one off at each casino.)
2. What is the resonant frequency of a series RLC circuit if R is 47 ohms, L is 50 microhenrys and C is 40 picofarads?

RULES:

- a) Show all your work on a sheet of notebook paper or on this problem set sheet.
- b) An unusual prize will be given if both answers are correct and you are selected from the many correct answers.
- c) All answer sheets must be received no later than the next KARS meeting.
- d) Name and call sign required on your input.

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

Attention Boy Scouts and former Boy Scouts:

The 2008 KARS Board is considering offering to Merit Badge Counselors for the Radio Badge. We are also looking at the possibility of being advisors for the Electronics and Electricity Badges.

The local Scout Council is planning a Jamboree for April 19th at the Fairgrounds. I would like to offer a taste of what is available in Amateur Radio for prospective licencees. I plan on setting up a mini-Field Day for the boys with HF/VHF/UHF and digital modes. Is there anyone willing to set up an Amateur TV station?

Anybody interested please contact Gary Roth at: KE7IAT@comcast.net or 509-993-8468.

USED AMATEUR RADIO EQUIPMENT FOR SALE by widow of/SK

OWNER:

- Lucia Laizure
 - 6571 W. Timberline St.
 - Rathdrum, Id. 83858
 - Home phone 687-7074
 - Email kw7rf@verizon.net
- 1) Three or four section triangular telescoping antenna mast, hand crank up with Tri-Band antenna and rotor, approximately 30 feet tall, mounted in back yard.
 - 2) Ground Antenna System, Denton Radio Co., MT-3000A
 - 3) CDE – Transmit / Receive directional control (Ground Antenna System)
 - 4) Time Wave (DSP-599ZX) (Slow Scan TV box ?)
 - 5) ICOM IC-718 , HF Transceiver
 - 6) RF Wattmeter , 1.8 – 60 MHZ, VCI Vectronics VEC-730, 3000W (peak) – 300W (avg)
 - 7) 12V Battery CSB (Sealed Lead Battery)
 - 8) 3A Power Supply , Radio Shack 13.8 VDC, Cat No. 22-504
 - 9) 2 meter Antenna (small)
 - 10) MFJ – Regulated DC Power Supply, MFJ – 4035MV, metered, 10 amp output
 - 11) Dummy Load, Gal. Can with oil, MFJ-250 Versaload

COFFEE & DONUTS EVERY WEDNESDAY MORNING



8:00 A.M.
TIL
10:00 A.M.

RATHDRUM
SUPER ONE

All problems solved at the table on a maximum of two napkins.

April 1st peak of Solar Cycle 24

The website Spaceweather.com reports that April 1st is the peak of the sunspot cycle.

The website says:

“NASA researchers have rescheduled solar maximum. The peak was due in 2012, but now it’s going to happen this month.

“We’ve launched millions of dollars worth of spacecraft to study solar activity, and what are we getting? Puny little A-flares and feeble old sunspots,” complained a high-ranking source at NASA headquarters. “We need some real explosions! Rescheduling Solar Max should solve the problem.”

News of the shift was announced on [April 1st](#).

One Way to Control Your Radio Remotely:

A detailed article on www.arrl.org shows how to connect your HF radio to the internet and access it from anywhere else in the world. For details see:

<http://www.arrl.org/news/features/2008/03/28/10033/>

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

You can pay your 2008 dues at our next meeting!!!

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: _____

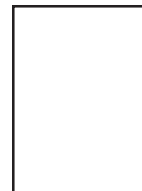
NAME: _____ CALL: _____ CLASS: _____

*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). Go West on Miles to airport gate. Gate requires access code (call Ed, KARS President at area code 208 772-5767). Once past gate, bear left to the Shep Rock Building.

2008 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 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.