

December 2015

(www.k7id.org)

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

REGULAR CLUB MEETINGS:

Monday, Dec. 14, 6:30 p.m.
Shriner Event Center
1250 W Lancaster Rd.
Hayden, Idaho
Topic: Christmas Potluck
Presenter: Everyone
Refreshments: Everyone

VE Testing
Monday, Dec. 14, 5:30 p.m.
10865 N. Ramsey Rd.
Hayden, Idaho

Monday, Jan. 11, 7:00 p.m.
10865 N Ramsey Rd
Hayden, Idaho
Topic: ???
Presenter: ???
Refreshments: ???

VE Testing
5:30 p.m. to 6:30 p.m.
Monday, Dec. 14
10865 N. Ramsey Rd.

Upcoming Events

Christmas Potluck
December 14, 6:30 p.m.
1250 W Lancaster Rd
Hayden, Idaho

Letter from the President

Dave Boss, KF7YWR

208.290.8590

boss@infinityusers.com

Well here we are, at the end of yet another year and man has this one gone by super fast. The extreme heat we endured this summer has now been replaced by unseasonably cold weather, and both of these extremes have curtailed any outdoor work for the remainder of the year except for emergency repairs I hope the horrendous wind storm did not do much damage. I have only heard from just a few members and it seems there was minimal damage. Larry Telles, W6SPP, had some issues with his tower, some welds broken and the beams spun on the mast and it is listing just a little bit. I, too, had a beam spun as the set screws had worked loose and allowed the beam to weather vane. Although no damage, I just had to lay the tower down and replace the soft screws with some hardened cup point screws that should have been there to start with. However that would have required finding them in my grand collection of stuff when it went up the first time. To be honest I never anticipated 75 mile an hour winds besides it gets lowered every time the wind blows hard, but it should be good now, no doubt it will probably be years before we see another such storm. I hope, 'cause I lost another ten or so trees and had not finished with removing the last bunch. Bring a photo of any damage you may have at your QTH, so we can share at the Christmas Party. Speaking of which, it is just right around the corner.

Christmas Party

Monday, December 14, 2015, 6:30 p.m.

Annual KARS Christmas Party and Board elections at the Coeur d' Alene Shrine Club Event Center, 1250 W Lancaster Rd, Hayden, Idaho 83835

Gabbee is all excited and will need some help setting up at 5:30ish. Do not forget to pick a ten dollar gift for the gift exchange. I can't wait for the party either, it is one of the times as a club we can fellowship without time constraints and the food, ah the, what more can I say about the food other than bring lots, because I have seen how much we can go through. Should be a fun time for all.

Technician Class

Dale DuRee, KE7VMN, will be conducting another Technician License Course beginning January 6, 2016 and running through February 24th. The course will be held on Wednesday from 7pm to 9pm at Kootenai Health in Coeur d'Alene. There is no cost for attending; however we ask that you reserve a seat ahead of time so that we can reserve a large enough room. Interested individuals are asked to contact Adam, N7ISP, at secretary@k7id.org or via cell at 509-789-0703 to reserve a seat or with any questions. The Club does have several Technician Class Study Guide Books available for purchase which will be the text book used in the course. If you would like a book please contact Adam, the cost is \$27 which was the Amazon price the Club paid.

Elections

The Club elections will be held prior to the festivities at our Holiday Party. The gang of five is returning!

NWTN

Nightly at 18:30 local time on these:
146.98 MHz/-/127.3 Hz/3A
443.975 MHz/+ /136.5 Hz/4Z
(146.98 and 443.975 are normally linked together)

Thursday Morning Coffee and Donuts

8:00-10:0 a.m. At the Silverlake Mall Community Room (across from the Food Court to your right as you come in the Entrance). Coffee a donut and conversation for only a buck what more could you ask!

I hope all had a wonderful Thanksgiving and I look forward to seeing you at the Party.

Dave, KF7YWR

The 80 meter Santa Net meets every night on 3916 KHz at 7:30PM US Central time.

Kootenai Amateur Radio Society November 2015 Meeting Minutes

The meeting was called to order at 7:04pm by Club President, Dave Boss, KF7YWR. The Pledge of Allegiance was led by George Schwimmer, W7GWS. License testing was conducted prior to the club meeting, two individuals took and passed their Technician license: Tyler Messier, Alec Gruner, Jarron Kremir, Scott Fuller (KG7TCF), Michael Jehnicken (KD0RRL) both took and passed their General. Additionally, two others made firm attempts at their Technician license without success.

Treasurer's Report.

September 2015 Report: Checking \$3,727.04, Savings \$1,725.61, Petty Cash \$96.78 for a total of \$5,549.43. Expenses consisted of: Mica Peak Site Rent: \$300.00, Coffee Cups-Costco: \$8.05, Gabbee & Bearpaw Lifetime Member Nametags: \$19.08, Total Expenses: \$327.05

Meeting Minutes.

The October Meeting Minutes were approved as posted, following a nomination by Alan Campbell, KE7DFT, second and member vote.

Gabbee's Reports.

NW Traffic Net. October check-ins was 645. Net is held nightly at 6:30pm (local).

Christmas Party will be December 14th at the Shriner's Club. Potluck at 6:30pm and \$10 gift exchange (if you wish to partake).

Club Shirts. Polo Shirts and T-Shirt options. Dark Blue color was chosen by popular vote. Gabbee and Bearpaw are looking into design options and will report back to the club.

Nomination Committee.

The Nomination Committee has made valid attempts to contact all members in an attempt to locate members willing to setup and run for Club Board. The Committee was unable to locate anyone wanting to setup.

Jim Banks, KF7TFJ, made a motion to set aside the Club By-Laws for Board Member term limits until December 2016. The motion was seconded and passed by member vote.

Board Member Candidates for the 2016 Term:

President: Dave Boss (KF7YWR)

Vice-President: Alan Campbell (KE7DFT)
Treasurer: Rod Anderson (K7ZBE)
Secretary: Adam Crippen (N7ISP)
Exec. Dir.: Lenny Gemar (N7MOT)

Rick VanLandingham (KI7I)

Kootenai ARES would like to thank the KARS for the use of their repeater during the resent SET (Simulated Emergency Test) last month.

Boy Scouts of America – Jamboree On The Air

Event was held in Rathdrum and operated VHF Digital and HF Voice, with 12 Boy Scouts and 8 or 9 Girl Scouts getting on the air.

Monthly Presentation: EchoLink
By: Frank TenThy (KG7CUI)

ANNOUNCEMENTS:

Testing in December will be held at 5:30pm at the Search and Rescue Building as normal prior to the Christmas Party.

October Raffle Drawings:

50/50 Raffle Winner: \$13.00 was won by Larry Telles (K6SPP).

Membership Raffle Winner: \$31.00 was won by Melanie Savage (KG7DOJ). Melanie was not present.

Note to ARRL Members: ARRL dues will increase in 2016 from \$39 to \$49. If you need to renew or join the ARRL, best to do it now.

Lenny Gemar (N7MOT) made the motion to adjourn the meeting. Motion was 2nd and passed by member vote. Meeting adjourned at 8:55pm.

It's a Wrap: WRC-15 Concludes in Geneva

World Radiocommunication Conference 2015 (WRC-15) concluded its deliberations on November 27 in Geneva, as heads of delegations sign the *Final Acts* that revise the *Radio Regulations* - the international treaty governing the use of radio frequency spectrum and satellite orbits. Some 3300 participants, representing 162 out of the International Telecommunication Union's (ITU) 193 member states, attended the 4 week conference. Another 500 or so participants, representing 130 other entities including industry, also attended as observers. Festus Daudu of Nigeria chaired WRC-15.

“A great deal has been achieved in the last 4 weeks, and the results will have a major impact on the future of the telecommunication sector in general and radiocommunications in particular,” ITU Radiocommunication Bureau (ITU-R) Director François Rancy said in a closing press release. “The outcomes of WRC-15 are aimed at maintaining a stable, predictable and universally applied regulatory environment that secures long-term investments for the multi-trillion dollar ICT industry.” WRC-15 addressed more than 40 topics related to frequency allocation and sharing.

The conference reached consensus on a new secondary allocation for Amateur Radio at 5351.5-5366.5 kHz with a power limit of 15 W effective isotropic radiated power (EIRP). Some Region 2 countries, but not the US, will be permitted up to 25 W EIRP. With this action - and despite conditions that are more restrictive than had been hoped at the start of the Conference - the Amateur Service has obtained its first new global HF allocation since 1979.

The 15 kHz band at 60 meters “will maintain stable communications over various distances, especially for use when providing communications in disaster situations and for relief operations,” an ITU news release said. The new band will not become available for use until the FCC addresses the WRC-15 *Final Acts* in a rule making proceeding and establishes operating parameters.

The International Amateur Radio Union (IARU) team at WRC-15 also focused its efforts on tweaking the agenda for WRC-19. Agenda Item 1.1 will consider 50-54 MHz harmonization in Region 1. A proposed agenda item to align the 160 meter allocation in Region 1 with the rest of the world did not make the cut.

Agenda Item 1.12, addressing the Earth Exploration Satellite Service (10 GHz EESS), was approved at plenary with footnotes relevant to certain Middle East countries and with the Amateur Service allocations untouched.

Threats by the mobile telephone/broadband industry in the vicinity of 10 GHz and 24 GHz have been averted for the time being, but are expected to be raised again at WRC-19 and/or at WRC-23. The band 420-450 MHz was dropped from proposed WRC-19 studies regarding space operations frequencies for short-duration (3 years) small satellites.

Leading up to WRC-19, ITU-R will address an ambitious schedule of studies covering a wide range of services from Amateur Radio to broadcasting, mobile

broadband, mobile satellite, fixed satellite, Earth stations on mobile platforms, and space exploration services.

ITU-R has been invited to study existing allocations to the space operation service below 1 GHz and, if no suitable frequencies can be identified, then possible new allocations, or an upgrade of the existing allocations, to the space operation service within the frequency ranges 150.05-174 MHz and 400.15-420 MHz should be considered.

ARRL Chief Technology Officer Brennan Price, N4QX, and Technical Relations Specialist Jon Siverling, WB3ERA, served on the US delegation to WRC-15.

“I think it’s a miracle,” Nancy said at a closing press conference. “I’m always amazed that in 4 weeks we can produce 500 pages of very thick, very detailed, very complex regulations... without a single vote.” - *Thanks to ITU and RSGB*

Technician class - 9 January 2016 at the Guard center in Geiger. Contact Jack AD7FO at ad7fo@arrl.net

General class (2 day) March 26 and April 2nd in the Spokane Valley Contact Jack AD7FO at ad7fo@arrl.net

Jack Tiley AD7FO
ARRL TC, TS, VE, Instructor

MARS-Amateur Radio Exercise an Overall Success

A 2 day Military Auxiliary Radio System (MARS) communications exercise in early November was an overall success, especially in terms of MARS-ARES cooperation. The November 8-10 exercise was built around the scenario of a simulated massive coronal mass ejection (CME) that disrupts conventional communication systems across the US. Following the simulated CME, MARS stations returned to the air and received requests for information from the supported Department of Defense (DoD) organizations and asking that MARS stations establish contact with Amateur Radio operators in as many of the 3142 US counties as possible. MARS operators were limited to using mainly HF NVIS bands as well as VHF and UHF repeaters. Communication between MARS and Amateur Radio operators were to be made directly, without relying on Internet-linking capabilities or store-and-forward messaging systems.

“Data analysis following the exercise shows that MARS members successfully contacted 816 counties across the US (26 percent),” US Army MARS Program Manager Paul English, WD8DBY, told ARRL. “Amateur Radio participants in this exercise included individuals,

Amateur Radio Emergency Service (ARES)-affiliated clubs, and the Salvation Army Team Emergency Radio Network (SATERN) as well as a few state, county, and city emergency operations centers.”

English credited advance publicity given to the exercise by ARRL and others for MARS exercise planners having received 181 e-mail inquiries from individual, clubs, and emergency management personnel wanting to receive more information about the exercise and how they could participate. English said MARS received inquiries from 41 states and included more than 50 ARES groups.

“The purpose of these exercises is to reach beyond interoperability and focus on our ability to exchange usable and relevant information from the local level to the national level following a crisis event,” English explained. “Only through the cooperation among MARS and the larger Amateur Radio community (individuals, ARES, RACES, SATERN, etc) can we hope to achieve that synergy.”

English conveyed the appreciation of DoD MARS leadership to all who supported this exercise and said that MARS is looking forward to conducting these types of exercises more frequently with the Amateur Radio community.

During the exercise, the Commanding General of the Army’s Network Enterprise Technology Command, Major General Morrison, visited the Fort Huachuca HF Gateway station to receive a briefing on the exercise and presented a plaque celebrating MARS 90th Anniversary which occurred on 1 Nov 2015. (ARRL News)

WINTER FIELD DAY: GETTING IT DOWN COLD

The snow is expected to be somewhat gentler and less of a problem in other parts of the world for participants in Winter Field Day, which is just weeks away. The Winter Field Day Association has announced the annual event will be held the weekend of Jan. 30 and Jan. 31, 2016.

The event’s website says it all, declaring: “We believe, as do those entities of ARRL Organizations like ARES and RACES that maintaining your operational skills should not be limited to fair weather scenarios.”

As with the annual summer Field Day, the outreach on the air will be a worldwide effort. The goal is to encourage emergency preparedness under winter conditions. All modes may be used and all bands, except for 12, 17, 30 and 60. For additional details on how to prepare for the event, visit the website, www.winterfieldday.com And dress warmly.

SOME KIND OF SUMMIT

Ham radio operators are no strangers to rescue operations in the face of storms, floods or fires, but in Victoria, Australia, one ham enroute to a Summits On the Air activation found himself engaged an unlikely rescue: the SOTA activation itself. Peter Freeman, VK3PF, was driving to his destination peak when something went seriously wrong with his Subaru. He writes in his blog on Wordpress, "I heard something 'pop' and the engine started sounding rough. As I was slowing down, I saw some smoke from under the bonnet, so I slowed and pulled over just after the engine died."

When he got out of the car to inspect further, he could see flames erupting. He quickly got on 2 meters and notified another ham enroute, Tony VK3CAT, to get help. Then he jumped back into the car, hoping to toss his ham gear to safety just as the flames combined with billowing black smoke. Peter continues, in his blog, "The flames got bigger and that was it - stand back and watch!"

By the time firefighters arrived, all that was left of the car was memory. Peter lost the vehicle, along with a dual band radio and 40 meter whip antenna. The hams were about to pack up and head home in Tony's car when they realized they were, after all, right there at the foot of the unactivated mountain. So, with Tony's ham gear in tow, they decided to take care of their unfinished business. How could they resist, especially when that particular summit was conveniently named Mount Useful? (SOUTHGATE AMATEUR RADIO NEWS)

YOU THINK YOU HAD A BAD DAY?

As radio amateurs, many of us all understand all too well the challenges of putting up and maintaining a tower. But some listeners to a professional radio station in Oklahoma got a rude reception on Sept. 23 when the tower of radio station KGUY, 91.3 FM, took a tumble.

Not on its own, thankfully – but at the hands of a tower crew from American Tower Corporation, which took the broadcaster's tower down without first notifying the station it had arrived to do the work.

Dale Bolton, the public radio station's director of programming and operations, said a crew had been hired because the 418-foot tower had been standing at an odd angle and was in need of repairs for safety reasons. But, Bolton adds, the timing came as a total surprise. He said "it would have been nice if we were able to give our listeners notice."

Instead, the tower came down, crashing into the satellite dish and brushing the station building before landing in an open field — right in the middle of a classical music program. It knocked the station off the air, sending anxious listeners to the phones.

Perhaps, though, the listeners should not have been so shocked. According to an online account from Wireless Estimator, music fans might have been tipped off by the playlist, saying the tower's dismantling was "perhaps timed perfectly by the tower techs for it to pancake upon the earth at the end of Siegfried's funeral march blasting from their crew cab." (WIRELESS ESTIMATOR)

WX4NHC Will Be On the Air for SKYWARN Recognition Day on Saturday, December 5

WX4NHC, the Amateur Radio station at the National Hurricane Center in Miami, will be taking part in SKYWARN Recognition Day (SRD) on Saturday, December 5. The annual on-the-air event gets under way at 0000 UTC (Friday, December 4 in US time zones) and concludes at 2400 UTC. WX4NHC will be active from 1400 UTC until 2300 UTC. The Hurricane Center ham station has participated in every SKYWARN Recognition Day since its inauguration 16 years ago. WX4NHC will take advantage of the event for operator training.

"We will try to stay on the recognized Hurricane Watch Net frequency of 14.325 MHz most of the time and announce when we QSY," said Assistant WX4NHC Coordinator Julio Ripoll, WD4R, at the NHC. WX4NHC will also be active on a wide variety of bands and modes, from HF through UHF.

Cosponsored by ARRL and the National Weather Service, SKYWARN Recognition Day pays tribute to Amateur Radio operators for the vital public service they perform. Registration is open for stations planning to participate from a National Weather Service (NW) Forecast Office; a list of NWS participating offices is on the NWS SKYWARN Recognition Day web page. During the 24 hour event, Amateur Radio operators set up at NWS offices contact other hams across the country. This event is also aimed at strengthening the bond between Amateur Radio operators and local NWS offices.

During SKYWARN Recognition Day amateur stations exchange contact information with as many National Weather Service-based stations as possible on SSB, FM, CW, RTTY, and AM on 80, 40, 20, 15, 10, 6, and 2 meter bands plus 70 centimeters. Repeater contacts are permitted.

Stations exchange call signs, signal reports, location, and a one or two-word description of the weather (e.g.,

sunny, partly cloudy, windy, rainy). Procedures are detailed on the NOAA SRD web page.

The volunteer SKYWARN program comprises nearly 290,000 trained severe weather spotters -many of them radio amateurs -who identify severe storms and provide NWS forecasters with reports of local weather conditions during severe weather events.

To learn more, visit the SKYWARN Recognition Day website (www.wrh.noaa.gov/mtr/hamradio/). (ARRL News)

Dutch Hams Face Hefty Cleaning Cost for Return of QSLs Shipped on Downed Flight

The Netherlands IARU member society VERON has reported that hams there have an opportunity to reclaim their QSL cards salvaged from the wreckage of Malaysian Airlines Flight MH17, which was shot down over Ukraine in 2014 - provided they're willing to cover the cost of having them cleaned. VERON spotted the recovered cards in a YouTube video last year, and the Dutch QSL Bureau confirmed that a shipment of QSL cards had been headed for Indonesia, the flight's planned destination. The 465 recovered cards now are at Schipol Airport near Amsterdam in the custody of Malaysian Airlines.

VERON has since learned that a hefty "cleaning" charge stands in the way of any hams who might want to reclaim their cards. According to VERON, a Malaysian Airlines attorney has indicated that a safety specialist must first clean the 465 cards before they may be returned to their senders. The quoted cost for the job is more than \$27,000 US, exclusive of any taxes.

According to VERON, the cards belong to the radio amateurs who sent them, and neither it nor the Dutch QSL Bureau can make a decision on whether or not the cards should be cleaned. "Given the high cost, it is unlikely that the rightful owners want their cards back," VERON said. "Nevertheless, the [VERON] central administration offers amateurs the chance to regain their QSL cards." Any amateurs interested in reclaiming the salvaged cards should contact VERON.

MH17 was flying from Amsterdam to Kuala Lumpur when it went down after being struck by a missile, killing all 283 passengers and 15 crew members. - *Thanks to Southgate ARC via VERON/Jean-Paul Suijs, PA9X*

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**COFFEE & DONUTS
EVERY THURSDAY MORNING**

**0:00 A.M.
To
10:00 A.M.**



**Community Mtg Rm
Silver Lake Mall
Coeur d'Alene**

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

**Bring a Writing Instrument Community Mtg Rm
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 (KARS) MEMBERSHIP APPLICATION

One year membership Rates:

New Member: \$15.00 Renewal: \$15.00 Family Membership: \$23.00

Two year membership Rates:

New Member: \$28.00 Renewal: \$28.00 Family Membership: \$42.00

Lifetime membership:

Member: \$150.00

Information Update Only

Are You An ARRL Member? Yes / No (Please Circle One)

Callsign: _____ Class: _____ Expiration: _____

First Name: _____ M.I. _____ Last Name: _____

Nickname: _____

Address1: _____

Address2: _____

City: _____ State: _____ ZIP: _____ - _____

PHONE NUMBER: (____) _____

OK to publish phone number? Yes / No (Please Circle One)

EMAIL ADDRESS: _____

OK to publish Email address? Yes / No (Please Circle One)

Do you want to receive the emailed Newsletter? Yes / No (Please Circle One)

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: _____

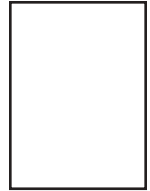
**RETURN THIS FORM WITH YOUR DUES, (CASH OR CHECK), TO THE KARS TREASURER,
OR, MAIL TO: KARS MEMBERSHIP, P.O. BOX 1765, Hayden, ID. 83835-1765.**

b

(Office use only.)

Cash:	Check #:	Money Order:
Membership Card:	Roster:	Newsletter:

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.

2015 CLUB OFFICERS

President: Dave Boss, KF7YWR
president@k7id.org

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vicepresident@k7id.org

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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.