



August 2016

(www.k7id.org)

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

REGULAR CLUB MEETINGS:

Monday, Aug 8, 7:00 p.m.
Search & Rescue Bldg.
10865 N Ramsey Rd.
Hayden, Idaho
Topic: Packet Radio and RMS Express
Presenter: Dan, NV2Z; Rick, KI7I
Refreshments: ???

VE Testing
Monday, Aug 8, 5:30 p.m.
10865 N. Ramsey Rd.
Hayden, Idaho

Monday, Sep. 12, 7:00 p.m.
Search & Rescue Bldg.
10865 N. Ramsey Rd.
Hayden, Idaho
Topic: ???
Presenter: ???
Refreshments: ???

VE Testing
Monday, Sep. 12, 5:30 p.m.
10865 N. Ramsey Rd.
Hayden, Idaho

Upcoming Events

Spokane Hamfest
Sep. 24, 2016
University H.S.
12420 E 32d Ave
Spokane Valley, WA

Letter from the Very Busy President

Dave Boss KF7YWR

208.290.8590

boss@infinityusers.com

Having been self-employed for most of the last two decades of my working life, I was to schedule my time as was needed between work and off time fairly efficiently. A large portion of the work required a 24-hour response to repair equipment somewhere in North America. If the phone rang or the FAX machine would start its melodic tunes, the first thing that would happen was a call to the travel agent, then pick up my clean clothes bag and drive to the airport while making hotel accommodations in route, and finally a call to the customer relaying my arrival time to schedule access to the plant. There were lots of red-eyes and travel directly to the broken equipment as soon as I touched ground. On the rare occasion I could enjoy the luxury of driving my own car to the customer site and not have to put up with whatever model the rental agency would provide, I Hate compacts!!!

Later when my in-laws became too feeble to care for themselves, we moved them to an assisted living facility and my Fridays consisted of picking up prescriptions, doctor appointments, and emergency room visits. When they moved beyond what assisted living could legally do for care, we bought a home in CDA for them and had 24-hour care from some very loving women. This added to the Friday schedule, grocery shopping and paychecks for the help, not to forget, filling in when they were sick or had other more pressing issues. Sometimes those pressing issues led to their dismissal and the interviews would be added to the list. This would be the routine for the next five year until their passing just seven weeks apart from one another.

Eventually I retired and a new routine entered my lifestyle. Having been interested in HAM radio since high school, I finally sat down and studied and got my license. Mornings would now consist of an early HF net with the Salvation Army group while having my morning cups of coffee, Thursdays now would allow a social event for the first time in my life with coffee and donuts with the HAM guys. When you have 48 states, Canada and Mexico as a service area, social events rarely occur. Additionally, when you are working for yourself, there are no holidays, days off (unless there is no work). But, now with retirement, you receive a paycheck without working and all those things that were stacking up to do when you have the time are there right in front of you begging, each vying for you time. Like a kid in a candy store with so many choices, I now faced a new dilemma: where to start. In a hurry I realized that now I was stuck with the age old issue of

too much time and not enough money. I know this sounds like a personal problem, but I suspect at least one or two of you may have run into this problem (just a guess). Entering at stage left is the answer to the problem, a job, a real live job that has real hours, real employees, and best of all, a real paycheck. But did I mention they want to show up at a prescribed hour every weekday morning and they expect you to stay there all day (what nerve). As you can see the other side of the problem has raised its ugly head and now there is no time but I have money. So as I am writing this to you (more than several days late) from a very nice motel room with wi-fi that actually works. Please be patient with me as I am going through retirement withdrawals, I haven't been on the air for weeks and to make matters worse I haven't lost a single pound from going for months without donuts!!!

Your humble, busy President,
Dave KF7YWR

No minutes of the July meeting were available at press time. (Ed.)

FCC Proposes Rule Changes in Response to ARRL's "Symbol Rate" Petition, Seeks Comment

The FCC has proposed to revise the Amateur Service Part 97 rules in response to the ARRL's so-called "Symbol Rate" *Petition for Rule Making* (RM-11708), filed in late 2013, and it has invited comments on its recommended changes. The *Notice of Proposed Rule Making* (NPRM) in WT Docket 16-239, released on July 28, had been making the rounds at the FCC since May. ARRL had asked the FCC to change the Part 97 rules to delete the symbol rate limits in §97.307(f) and replace it with a maximum bandwidth for data emissions of 2.8 kHz on amateur frequencies below 29.7 MHz.

"[W]e believe that the public interest may be served by revising the Amateur Service rules to eliminate the current baud rate limitations for data emissions, consistent with ARRL's *Petition*, to allow Amateur Service licensees to use modern digital emissions, thereby furthering the purposes of the Amateur Service and enhancing the usefulness of the service," the FCC said in its *NPRM*.

"We do not, however, propose a bandwidth limitation for data emissions in the MF and HF bands to replace the baud rate limitations," the *NPRM* concluded, "because the rules' current approach for limiting bandwidth use by amateur stations using one of the specified digital codes to encode the signal being transmitted appears sufficient to ensure that general access to the band by licensees in the Amateur Service does not become unduly impaired."

Under the current rules, "specified digital codes" in

Part 97 may be used with a symbol rate that does not exceed 300 baud for frequencies below 28 MHz, with the exception of 60 meters, and 1200 baud in the 10 meter band. The baud rate limits were adopted in 1980, when the FCC amended Part 97 to specify ASCII as a permissible digital code.

Comments in the proceeding will be due 60 days after the date that the NPRM appears in the *Federal Register*. (ARRL News)

MARS Sets Interoperability Communications Exercise for August 15

US Department of Defense (DOD) Military Auxiliary Radio Service (MARS) operators in the US, Germany, and Japan, will take part in an interoperability communications exercise in August. The exercise will take place on Monday, August 15, from 1200 UTC to 2359 UTC.

The focus of the exercise is "to train during a simulated communications-constrained environment using radio-only communication capabilities," MARS said. Throughout the exercise, MARS operators will reach out and attempt connect with Amateur Radio operators at the local and regional levels using HF, VHF, and UHF. For the purposes of this exercise, the use of the 60 meter interoperability channels dial frequencies 5330.5 and 5346.5 kHz - are authorized and encouraged. Other bands will be coordinated by MARS members at the local/regional level with their ARES/RACES/club counterparts.

The exercise is tied in with a larger DOD exercise, which will include participation by active duty forces. - *Thanks to Army MARS Program Manager Paul English, WD8DBY* (ARRL News)

Dayton Hamvention Moving to Greene County Fairgrounds in Xenia

"X" marks the spot! **Hamvention®** announced today that it will be moving to the **Greene County Fairgrounds and Event Center** in Xenia, Ohio, after 52 years at Hara Arena. That's about 16 miles east of Dayton center off US Route 35 (see map). Hara Arena announced last week that it would be closing, and Hamvention indicated that it soon would be announcing its back-up plan for a new venue in the Dayton area.

"We appreciate and value all the time and effort of the many partners, in particular the Greene County Agricultural Society, the Greene County Board of Commissioners and the Greene County Convention & Visitors Bureau has put into helping Hamvention find the right venue to continue our long history here in the Miami Valley," Hamvention General

Chair Ron Cramer, KD8ENJ, said. "We look forward to a long and mutually prosperous relationship."

Last week, after Hara Arena announced it would close, Cramer had said, "We have spent many hours over the last few years evaluating possible locations and have found one in the area we believe will be a great new home! We all believe this new venue will be a spectacular place to hold our beloved event. Please rest assured we will have the event on the same weekend and, since it will be in the region, the current accommodations and outside events already planned for Hamvention 2017 should not be affected."

Hamvention chief spokesman and board member Mike Kalter, W8CI, told ARRL today that announcement of the new venue came a bit sooner than he'd anticipated last week. He pointed out that the event annually attracts in excess of 25,000 visitors from every US state and some 60 countries around the world.

"The key thing is that we plan to have a 5-star event," he said of Hamvention 2017. "We'll put a lot of time and energy into it."

The move to Xenia could prove to be a huge financial bonanza for the city and Greene County. Hamvention typically has meant millions of dollars to the Dayton/Montgomery County area, and some of that benefit now could migrate eastward down US 35. Kalter conceded that the new venue in Greene County is a slightly longer drive from Dayton City Center - where some Hamvention-related events traditionally occur — than it was to Hara Arena, but he believes it will be worth the trip.

"Montgomery County didn't have anything for us," he said. "We looked exhaustively. We've known this is what we'd do for about a month - if Hara Arena would no longer be available."

And the flea market at the new site? "Our plan is to have a much better flea market," Kalter said. "We have two or three different options, but we think people are really going to like it."

He said the entire fairgrounds facility was rebuilt several years ago after it was destroyed by a tornado, so the buildings are newer than Hara, which was built in the 1950s. He said there will be opportunities to bring in campers - with 30 A service, water, and sewer available.

Kalter believes the change in venue in and of itself will be a big incentive for a lot of people who may be just thinking about attending Hamvention 2017 right now. "We expect next year to be a *big* year," he said. "We expect a lot of people to come to see what it's like." (ARRL News)

New European Table of Frequency Allocations Released

A new edition of the European Table of Frequency Allocations in the range 8.3 kHz to 3000 GHz has been released. The table is maintained by the European Conference of Postal and Telecommunications

Administrations (CEPT) Working Group Frequency Management.

Information collected in the European Common Allocation (ECA) table is intended to reflect the main usage of spectrum within CEPT countries. A fully searchable electronic version of the ECA table can be found on the European Communications Office (ECO) Frequency Information System site. Among the changes the EUxx footnotes have been renamed to ECAXx, and the new Amateur Radio secondary allocation at 5351.5 kHz-5366.5 kHz has been included. (ARRL News)

Jammer Jams Intruder as Amateur Band Encroachments Continue

A station believed to be that of a radio amateur in the Wittenberg, Germany, area attempted to use CW to jam a Russian Navy FSK (F1B) signal intruding on 14.192 MHz, according to the International Amateur Radio Union Region 1 (IARU-R1) Monitoring System (IARUMS). The June IARUMS newsletter said the signal has been spotted for more than a decade now.

"Absolutely not helpful," was the reaction of Wolf Hadel, DK2OM, IARUMS co-coordinator and the newsletter's editor, to the vigilante jamming. According to Hadel, the Russian FSK signal parameters are 50 and 75 baud, 200 and 500 Hz shift, "sometimes only idling."

The newsletter reported that the Polish military continues to transmit on 6998.5 kHz using both automatic link establishment (ALE) digital and USB voice traffic, affecting the very low end of 40 meters at approximately 0700 UTC. German telecoms regulator Bundesnetzagentur (BNetzA) sent an official complaint to Polish telecoms authorities in February.

Broadcaster "Sound of Hope" from Taiwan continues to be jammed by a much stronger signal from China on 18.080 MHz each morning at about 0600 and later. Broadcast transmissions in this band are illegal, and BNetzA has complained. The agency also has complained formally about intruding spurious transmissions daily from a broadcaster in Iran on 7205 kHz, extending down to 7195 kHz and up to 7215 kHz.

Illegal fishery traffic, much of it from Spain, Portugal, the UK, and Morocco has been observed on most bands "as usual," often in the CW subbands.

A possible over-the-horizon radar operating from Iran was reported transmitting daily on 28.960 MHz, covering about 50 kHz. "The sweep rates are much too high for long-range OTH radar," the newsletter observed. "It could be that the radar is used for short and medium distances."

An experimental high-frequency data plus voice link

(HFD+VL) signal was reported on June 30 on 18.080 MHz by a radio amateur in Switzerland. The experimental transmissions are coming from the University of Las Palmas in Spain.

Pirates from the Philippines and Indonesia have been reported on several 40 meter frequencies as well as on other bands. Russian taxis, fisheries traffic, and citizens band operators also continue to intrude on 10 meters.

At Ham Radio 2016 in Friedrichshafen Germany, IARU Region 1 President Don Beattie, G3BJ, presented Hadel with the Region 1 Medal in recognition of his “ongoing exceptional leadership” of the IARUMS. “Being the leader of an excellent team is a great honor,” Hadel remarked. (ARRL News)

Amateur Radio Alive and Well in Turkey

Contrary to erroneous reports making the rounds on various Internet sites, *no* Amateur Radio licenses were suspended or revoked in Turkey in the wake of the failed July 15 coup.

“There is no ham radio license revoked in Turkey, and ham radio operators are operating normally,” said Aziz Sasa, TA1E, the president of Turkey’s International Amateur Radio Union member society TRAC. “The reports on ham radio licenses being revoked by the Supreme Council of Radio and Television (RTUK) are unconfirmed and speculative. RTUK is not a regulatory body of ham radio,” Sasa added. His entire statement has been posted to the TRAC website.

The erroneous reports cite a release from RTUK, which oversees broadcasting. Amateur Radio and other wireless industries are regulated by BTK, a separate agency. Three stations in Turkey were reported heard on 10 meters during an opening to Central Europe on July 21 — TA1BM, TA1PB, and YM7TEN/B.

The erroneous story said the revocation information had come from TRAC, but gave a URL belonging to an altogether unrelated organization with a similar URL. The same false story included a concocted “warning” to radio amateurs attributed to President Recep Tayyip Erdoğan.

TRAC, the IARU member society, has not been closed, nor has its website been blocked or shut down. (ARRL News)

Day Of The Quake

The National Tribal Emergency Management Council and the National Tribal Amateur Radio Association are calling Wednesday, September 21 the Day of the Quake. And they’re hoping to get some of the ham radio stations in American Indian Country involved in an important exercise that day. Working with the U.S. Department of Homeland

Security and the Federal Emergency Management Agency, the groups will collaborate on an emergency communications drill, passing messages from the Tachi Nation in Leemore, California to New York about a simulated West Coast earthquake and its aftermath, a well-scripted scenario which will include a building collapse, evacuations and a search-and-rescue operation for those missing.

For the exercise to work best, however, it will need the involvement of amateur radio relay stations and, in this case, the relays should be stations based in tribal communities or tribal members who are hams wanting to participate. The involvement of hams in Indian country is a key component of this drill.

Any tribal Amateur Radio clubs or individuals within Tribal communities wanting a role in this event should contact Nathan Nixon at nathan.nixon@itcaonline.com for details. The Day of the Quake will be here before you know it. (NATIONAL TRIBAL AMATEUR RADIO ASSOCIATION)

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COFFEE & DONUTS
EVERY THURSDAY MORNING

8:00 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.

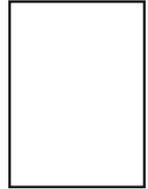
Name: _____ Call: _____ Class: _____

*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.*

(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.

2016 CLUB OFFICERS

President: Dave Boss, KF7YWR
president@k7id.org

Vice-President: Alan Campbell, KE7DFT
vicepresident@k7id.org

Exec. Director: Lenny Gemar, N7MOT
N7MOT@gemar.org

Secretary: Adam Crippen, N7ISP
secretary@k7id.org

Treasurer: Rod Anderson, K7ZBE
treasurer@k7id.org

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

Repeater Trustee: Rick Van Landingham, KI7I
ki7i@arrl.net

Repeater Tech: Dale DuRee, KE7VMN

Webmaster: Lenny Gemar, N7MOT
208 691-4735 N7MOT@gemar.org

Past President: Dave Boss, KF7YWR

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 \$23.00 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.



Kootenai Amateur Radio Society - KARS

July 2016 Meeting Minutes

The meeting was called to order at 7:07 pm by Club Vice-President Allen Campbell (KE7DFT). The Pledge of Allegiance was led by Lenny Gemar (N7MOT).

License Testing: Ryan Lapagnol, Samuel DePaula, Shawa Eller, Ethan Gardner, Ryan Stephenson passed their Technician License; Liam O'Connor (KI7FGO) passed the General Class Exam; Matt McLullin (KI7DPC) passed both the General Class and Extra Class Examination.

Club Treasurer's Report:

- **May** - Checking \$2,753.11, Savings \$1,900.93, Petty Cash \$96.78, Total \$4,750.82. Monthly expenses consisted of: DX Engineering – Hamfest Prizes \$500.00. Motion was made by Lenny Gemar (N7MOT) to approve the Treasurer's Report as read; the motion was seconded and passed by member vote.
- **June** - Checking \$4,437.82, Savings \$1,925.97, Petty Cash \$96.78, Total \$6,460.57. Monthly expenses consisted of: Hamfest Food \$235.92, Hamfest Raffle Prizes \$235.57, Hamfest Shriners Rental \$250.00, Office Max Cash box \$17.27, Fuel for Jet Boat Recon Trips \$30.13, Incident Command Vests \$186.30, Donation to Shriners Club \$250.00, Field Day Food \$69.10, Total Expenses \$1,274.29. Motion was made by Frank TenThy (KG7CUI) to approve the Treasurer's Report as read; the motion was seconded and passed by member vote.

Hamfest 2016 Report:

- **Admissions** – Receipts \$865.00, Shriner's Rental \$250.00, **Net \$615.00**
- **Grand and Door Prizes** – Receipts \$657.00, Grand Prize Costs \$500.00, Door Prize Costs \$235.57, Prize Expense \$735.57, **Net \$-78.57**
- **Kitchen** – Breakfast Talley 39, Lunch Talley 36, Receipts \$441.00, Breakfast Expenses \$108.18, Lunch Expenses \$127.74, Food Expense \$235.92, **Net \$205.08**
- **KARS Table** – Receipts \$925.00
- **Hamfest Net \$1,666.51**
- Motion was made by Lenny Gemar (N7MOT) to approve the Treasurer's Report as read; the motion was seconded and passed by member vote.

Meeting Minutes: June meeting was held in an informal capacity due to the Hamfest Potluck dinner and therefore minutes were not taken.

Club Business:

- **Mica Repeater Site** – Fusion Repeater is in the building process. The club will likely need to purchase a UHF antenna and other miscellaneous pieces of equipment.
- **Hamfest** – Location feedback: Most stated that they liked the new location compared to the Post Falls Legion.
- **For Sale** – Dave Hopkins (KI7HOP) has a 1 month old Kenwood TM-V71A mobile radio. Contact Dave Hopkins for more information.

- **Weed Patrol** – Canfield weed clean-up is needed as part of our agreement with the county for the Canfield Site. Lenny volunteered to lead the cause this year and a crew of volunteers on July 16th.
- **Highway Clean-up** – working to establish a liaison with the ITD.

Meeting Presentation: Packet Radio/APRS by Allan Campbell

Raffle Results:

- 50/50 \$12 AD7VB Todd Silk
- Member \$97 KA7RNX Jerry Ellison – Not Present

Lenny Gemar (N7MOT) made the motion to adjourn the meeting at 8:45 pm. The motion was seconded and passed by member vote and the meeting was adjourned.

Meeting minutes submitted by Adam Crippen • N7ISP