



January 2012

(www.k7id.org)

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

REGULAR CLUB MEETINGS:

Monday, January 9, 7:00 p.m.
Search & Rescue Bldg.,
Hayden, Idaho

Topic: Local Repeaters
Presenter: Dale DuRee,
KE7VMN

Refreshments: Gary, KE7IAT

ARRL VE Testing Session at
same location 01/09/12; 5:30
PM Walk-ins welcome
All exams administered.

Monday, Feb. 13, 7:00 p.m.
Search & Rescue Bldg.,
Hayden, Idaho

Topic: Straight Key Society
Presenter: Quint Webb,
W7CQW

Refreshments: Darwin Hall

Upcoming Social Events

March 10, 2010
Mike & Key Hamfest
W. Washington Fairgrounds
Puyallup, Washington

President's Column

I want to wish you all a Happy New Year. I hope you and your families enjoyed a happy holiday season. The KARS Christmas Party was a gala event. It was an evening of good food, pleasant company, awards and interesting door prizes. I hope you were all able to attend and enjoy the company.

KARS is about to start a new year with a new board. We hope to make it a fun and productive year for all members. It is my goal, as the new President, to explore various forms of our hobby and throw in a few social activities as well.

You will notice a few new features in the newsletter. We are including a biography of a club member. This time our Executive Director, Jacob Cord, has agreed to share with you. In the future we will ask long standing members as well as new members to share some information regarding their ham activities.

There is also a new column, "Tube of the Month". These articles are written by Norm Wilson, N6JV. Norm lives in Sacramento, CA. He has a virtual tube museum on his web site, N6JV.COM. It will give our more mature members a nostalgic nudge and provide newer hams with a look at technology from the past.

Hope to see you all at the January meeting.

Bonnie Patterson, KG6QQM

2012 KARS OFFICERS



Back Row: Thomas, KD7JUS, Past President; Pat, W7SGS, Treasurer; Jerry, KA7RNX, Trustee; Allan, KE7DFT, Vice-President. Front Row: Tom, NI7W, Secretary; Bonnie, KF6QQM, President; and Jacob, KF7QLI, Executive Director.

Member Biography

A. Jacob Cord, K7AJC

Yes, my first name is the letter A. My father recently apologized for doing that to me.

I passed my Tech and General exams at the KARS Hamfest on 11 June 2011, and passed my Amateur Extra license exam on 12 December 2011. I also joined KARS at the Hamfest. My first contacts were made during Field Day, which really spurred my interest in getting an HF rig set up as quickly as possible. Despite my inexperience I have been elected as the Executive Director for 2012 and am looking forward to getting to know everyone better.

I have no hams in my family history. Originally my wife thought to get an amateur license after we went to an emergency preparedness fair last spring, but I took to it much faster than she did, and am now working on getting her ready for the Tech license exam.

I am 38 years old. I grew up in Hood River, Oregon and have lived in Kootenai county since 1989 except for three years I spent living overseas. I served a mission for the LDS church in Taiwan from 1992-1994, where I learned to speak, read, and write Mandarin Chinese. In 1997 I had the opportunity to live and work in China for a year, and spent

most of my time in the city of Kunming, the capital of Yunnan province, in the southwest of China.

I work for a software company in Coeur d'Alene, where I manage the IT department. I maintain numerous UNIX and Windows servers and am comfortable switching between Windows, UNIX, and the Mac platforms. My first computer was a Commodore 64 my father bought in 1985 and I've been hooked on technology ever since.

I have many hobbies of which radio is the most recent. I enjoy traveling, and have been to many European countries as well as Russia, Estonia, Turkey, Croatia, and others. Other hobbies I have include photography, bookbinding, woodworking, reading science fiction, and playing Irish tunes on the tin whistle. I bake all of my own bread, grind wheat by hand, and keep a sourdough culture in my fridge. I have several C++ projects that I work on from time to time, as well as several other microcontroller projects that are currently gathering dust on a shelf somewhere. I've been a Linux user since 1998. I am a Dvorak typist.

I have a website, bogomip.net, and can be found on Twitter as @ScurvyJake, Google+ (just search for me), and Facebook (facebook.com/homechicken).

2011 KARS Christmas Party

The following was extracted from the Thursday Morning Coffee Gazette, editor Larry Telles, K6SPP.

Bonnie Patterson, KG6QQM, stepped up to the microphone Monday night (Dec. 12) and took the 50 plus audience from a touching story to dinner and beyond. Members, family and friends all waited for the call for dinner.

A multitude of fancy dishes lined the table, complete with snacks and gooie desserts. After dinner, Bonnie conducted a raffle consisting of both men's and women's items. These prizes were either made or donated by the women associated with KARS.

Last event of the evening was the time for recognition of those who served the club during 2011. Megan Barrett, KE7RCD, and Thomas Barrett, KE7JUS, who served as secretary and president respectively; others were Ed Stuckey, AI7H; Allan Campbell, KE7DFT; Tom Richmond, NI7W (outgoing Treasurer); Caleb Danner, KF7MSJ; and Jacob Cord, K7AJC for passing his Extra Class. That concluded the evening activities.



Congratulations!

Testing was conducted Dec. 12, 2011 prior to the KARS Christmas Party. The following took tests and received new licenses or upgrades:

Cheryl Banks, KF7SQL, General; James Banks, KF7TFJ, Technician and General; Jackie Van Orman, KF7RPP, General; Doyal Van Orman, KF7TFI, Technician; Dwight Sederholm, KF7TFH, Technician; Mike Rosedale, KF7HAF, General; and A. Jacob Cord, K7AJC, Extra.



Welcome to KARS

Doug D. Duncan, KD7HQW, Technician, and Jacqueline P. Van Orman, KF7RPP, General.

ARES/RACES Group January Meeting

Our presentation for January will be by K7CGA, Bob Kesson. The subject will be "Paclink": a program overview, and how it is employed for EMCOMM (emergency Communications) use.

Paclink is a radio e-mail client program that interfaces with most popular e-mail client programs, like Microsoft Outlook Express and Mozilla Thunderbird. Paclink supports telnet, VHF/UHF packet radio, and HF Pactor radio connections to WL2K servers. The program is easy to install, and the interface to e-mail programs makes operation very much like internet e-mail.

ARES/RACES meeting location is at the Civil Air Patrol Bldg. at the CDA airport. 6:30 p.m., always on the third Monday of the month. Contact Randy, KB6YAV, at 208 762-0921 or email at kb6yav@gmail.com.



FRIENDLY REMINDER

KARS 2012 Dues are now due and payable. The dues are \$12 per year per person or \$18 per year per family.

At the same time, and for an additional fee you can become a member of ARRL (American Radio Relay League). If the club handles your ARRL membership application, we get \$12 from the ARRL Be among the first 10 new ARRL members from our club and receive an ARRL amateur radio lanyard.

Tube Of The Month

150T



In 1934, RCA was found to be operating a monopoly by the government and was forced to sign a “consent agreement” that would allow others to build transmitting tubes. Bill Elite and Jack McCullough had been building tubes for Heinz & Kaufman and decided to form a new company. The 150T was EIMAC’s first product. They had estimated that it could safely handle 150 watts of dissipation, but in testing, the tube easily did 250 and would run red hot without damage. They set up a ham station at their factory and visitors could use the rig running the red-hot tubes. Every DXer wanted one. In a short time the 150T was re-designated the 250T. If you were a big gun, you had a final with a pair of 250Ts in push pull. These tubes were popular well into the 1950s. About 1938 they were again renamed as the 250TH and 250TL. For more info on old and current transmitting tubes go to Norm’s website at <http://n6jv.com/>.

Save the Dates

Here are some entries for your 2012 calendar:

2012 NW Hamfests and Conventions:

03/10/12 – WWA Section ARRL Convention, better known as the “Puyallup hamfest”, Puyallup WA. See <http://www.mikeandkey.org/flea.htm> for details.

04/20-04/22/12 – ID Section ARRL Convention, Boise, ID. <http://www.idahostateconvention.com/index.html> for details.

06/01-06/03/12 – NW Division ARRL Convention, aka “Sea-Pac”, Seaside, OR. <http://www.seapac.org/> for details

06/09/11 – KARS Hamfest. Details TBA, watch for details in this publication.

2012 Operating Events of interest:

03/10-03/11/12 – Idaho QSO Party. (IDQP) <http://www.idahoarrl.info/qsoparty/index.html>

05/05-05/06/12 – 7th Area QSO Party (7QP) <http://www.codxc.com/new/page.asp?content=dryland7s>

06/23-06/24/11 – Amateur Radio Field Day, the biggest operating event in North America <http://www.arrl.org/field-day>

We hope to see you at some of these events in 2012!

73, Ed Stuckey, AI7H – Idaho ARRL Section Manager

ON THE AIR: NEW TEXAS VERTICALLY POLARIZED 2 METER SSB NET

A new SSB net in South East Texas and South West Louisiana is now active on 144.25 MHz using vertical rather than horizontal polarization. The idea is to interest newly licensed hams who may have access to a sideband radio a way to join the fun without putting up a separate horizontally polarized antenna. More information on this net is available from contact K5HCS at his QRZ.com e-mail or USPS address.(WB5ITT)

Yaesu’s Amateur Radio Division Breaks with Motorola, Changes Name to Yaesu Musen

12/28/2011

After four years under the Motorola umbrella, Yaesu has split from that company. According to Vertex Standard President and Chief Executive Officer Jun Hasegawa, effective January 1, 2012, Motorola will keep the Vertex Standard Land-Mobile Division, while the amateur, marine and air-band will be under the Yaesu Musen banner. The new company will be known as Yaesu USA here in the US.

“This reorganization will allow us to concentrate in amateur, marine and air-band business, which will better leverage and align the strengths of our entire business operation,” Hasegawa said in a press release dated December 27. “We believe that there is an exciting opportunity to evolve our organization to meet the needs of the Amateur Radio, Marine equipment and air band telecommunication industries by continuing to provide specialized services and the highest quality products.”

Hasegawa explained that the new company’s name will be Yaesu Musen, “a name our business partners have been familiar with for over 50 years. We are delighted to bring you the legacy of trust, quality and solid customer service that has always been associated with the Yaesu Musen company name.”

While Yaesu Musen will have a new Japanese address, the address and phone numbers — as well as the US operations and sales organization — for Yaesu USA will not change. Dennis Motschenbacher, K7BV, will remain in charge of Yaesu USA’s sales division. (ARRL News)

Yaesu Show New 2012 Digital Amateur Gear:

<http://www.yaesu.com/index/Softrm-DigPrdts&PocCd=111&rdPocID=8B1A771611E996B6AB76C>

Yaesu is hinting that they will be coming out with new digital amateur radios in 2012.

[This new PDF pamphlet discussing amateur digital radios](#) shows the new Vertex Standard APCO P-25 commercial radios, as well as new amateur radios based on C4FM FDMA.

It appears that Yaesu will be offering amateur gear based on the MotoTrobo digital standard in 2012. The new Vertex radios look identical to their Motorola counterparts.

Ham Radio in Hollywood: Comedian Tim Allen Stars as Radio Amateur on New TV Show

Tim Allen — star of [Home Improvement](#), [Toy Story](#), [The Santa Clause](#) and [Galaxy Quest](#), just to name a few — stars in [Last Man Standing](#), an ABC comedy airing at 8 PM (EST) on Tuesday nights. Allen plays Mike Baxter, KA0XTT, a married father of three and the director of marketing at an outdoor sporting goods store in Colorado whose life is dominated by women. While Amateur Radio has not been prominently featured in the first episodes, according to John Amodeo, NN6JA — the producer of *Last Man Standing* — it is a part of the show and an important part of Mike’s character. The episode that will establish Mike as a radio amateur is currently scheduled to air in mid-January.

“Tim’s character Mike is involved in creating the sales strategy for the store, including their catalog and Internet identity,” Amodeo told the ARRL. “The store is like Bass Pro Shops or Cabelas. There is a strong self-sufficiency overtone to Mike’s approach to life. Ham radio fits in the story as a means of emergency communication. It’s not directly featured in the foreground story, but at the moment, it’s a background element on the home set. Once I allow something to be put on the set, there’s a chance the writers will feature it. Now that we have actually established Mike Baxter as KA0XTT, we can do more things featuring Amateur Radio.”

To make Mike a ham, Amodeo needed Mike to have a call sign. So he contacted ARRL Media and Public Relations Manager Allen Pitts, W1AGP, to help him out. “In film and TV, we create fictitious telephone numbers, addresses and brands,” Amodeo explained. “We do this mostly to avoid being sued by real brands and to avoid complications with advertisers. As a producer and a ham, I was torn between wanting the show to be accurate and needing to keep my studios out of trouble. An accurate and positive portrayal of ham radio on TV would be a good thing.” Many TV shows and movies use telephone numbers with a 555 exchange (such as 555-1212), as that exchange is not valid.

Together with Pitts, and with input from Tim Allen, Amodeo created a call sign for Mike Baxter: KA0XTT. Since the show is set in Colorado, they wanted Mike to have a call sign with a 0 in it. “We wanted a call sign that sounded real, but was not valid,” Amodeo said. “The call sign is a 2×3 format with an X suffix. A call sign in this format is an experimental call sign and is not assignable to a radio amateur except in special circumstances. We especially liked the suffix, as it is a play on Tim’s character from his former show, *Home Improvement*: ‘ex-Tim Taylor.’”

Amodeo told the ARRL that both his studio (Fox) and ABC were “delighted to have a useable call sign. In the past, TV shows just made up some crazy call or used someone else’s without permission. And because we’ve had so much talk about Amateur Radio here on the show, a few of my production assistants took their Technician exam.” Amodeo applied to be an ARRL Volunteer Examiner so he could help administer the exams. On October 6, Amodeo and two other ARRL VEs administered the Technician exam to seven prospective hams. All seven passed, with two making perfect scores.

Since Mike Baxter is a ham, he needed a shack. So Amodeo and the set designers installed an Amateur Radio station in the corner of Mike’s set office. Allen, as Baxter, uses an ICOM IC-9100 HF/6 meter/2 meter transceiver and an IC-92AD handheld transceiver, both provided to the show courtesy of ICOM America. Amodeo told the ARRL that he has plans to add vintage equipment to the shack in

the future. "The radio equipment was originally intended to be used as props and set dressing items," Amodeo told the ARRL. "But since eight of the show's staff members are radio amateurs, it didn't take long before we made the radio equipment 'practical,' which is to say, actually capable of making radio calls live from the stage when we're not shooting." He said that radios will always be on and lit whenever they are shooting scenes in the office.

Pitts and ARRL News Editor S. Khrystyne Keane, K1SFA, have been working with Amodeo to make sure that Amateur Radio is correctly portrayed in the show. Keane also provided ARRL and Amateur Radio-related materials that are used on the set, such as issues of [QST](#), [NCJ](#) and [QEX](#), as well as a call sign map, a [2012 ARRL Handbook](#), a 2012 ARRL calendar and various ARRL stickers (look for one on the HF rig). "We also sent fake versions of [DXCC](#), [Worked All States](#) and [Worked All Continents](#) certificates, as well as a [Morse Code Proficiency Certificate](#)," Keane explained. "Each certificate bears the name Mike Baxter and has KA0XTT as the call sign. All the certificates have issue dates of December 25, playing upon Tim Allen's role in *The Santa Clause* movie series."

Amodeo told the ARRL that he also installed a Comet CHV-5X HF dipole and GP-1 antenna for 2 meters and 70 cm (courtesy of NCG/Comet) "up high, about 50 feet, inside the sound stage. The ultimate goal is to have the hams on our staff make contacts from our stage during down times."

Last Man Standing also stars Nancy Travis ([Three Men and a Baby](#)) as Mike's wife and Hector Elizondo ([Pretty Woman](#), [The Princess Diaries](#), [Monk](#)) as Mike's boss. Amodeo also produced the critically acclaimed [Sports Night](#) and [Arrested Development](#). (ARRL News)

ARRL Launches New DIY Campaign

The ARRL Public Relations Department has released the Do-It-Yourself (DIY) suite of interrelated promotional materials aimed at exposing the growing Do It Yourself/ Maker community to Amateur Radio opportunities. The DIY movement is nothing new to Amateur Radio. For more than a century, hams have been working in basements and attics, taking things apart and putting them back together in new ways, just for the fun of it. Meanwhile, there has been a growing population of DIY hobbyists who do not know about the opportunities of Amateur Radio. "[Maker Faires](#)" have popped up in several areas of the country, from New York to Los Angeles, and according to ARRL Media and Public Relations Manager Allen Pitts, WIAGP, look suspiciously like ham radio conventions.

"The DIY crowd is as diverse as hams," Pitts explained. "Many are into computer programming, using

new computer chips and open-source electronics prototyping platforms, such as [Arduino](#) that are based on flexible, easy-to-use hardware and software. They are artists, designers, hobbyists and anyone interested in creating interactive objects and applications. DIYers work with everything from wood and clothing, to energy and chemistry projects, with many interested in robotics."

To reach this growing group, the ARRL Public Relations Department has created an entirely new set of campaign materials for ARRL Public Information Officers, groups and individual hams to use in reaching out to the DIY/ Maker community. Bill Pasternak, WA6ITF, and Dave Bell, W6AQ, were recruited to create the new video. Recruiting volunteers throughout 2011, the duo shot more than 65 hours of high-definition video, and then edited it down to a mere 8 minutes. Titled *The DIY Magic of Amateur Radio*, it shows ham-makers projects from around the country. You can watch it on the [ARRL website](#) or on [YouTube](#).

"But a video alone cannot accomplish the goal of linking the viewers with ham radio," Pitts noted. We also crafted an auxiliary flier as a hand-out to go along with the video. A PowerPoint presentation and speaker's notes also are available. In addition, 'Ask Why I DIY with Ham Radio' buttons were made as a way to encourage informal conversations about our hobby with the non-hams we encounter. We even held a contest, asking hams to provide a scripted 30 second answer to the question 'What is Amateur Radio?' that 12 year old Chris Tate, KJ4UBL, of Burlington, North Carolina, took top honors."

The video is available on DVD discs, along with the printed handout from the ARRL. Find information about ordering or downloading these materials [here](#). For high-definition MPEG versions of the video, please contact Pitts via [e-mail](#) (please be aware that this version is almost 500 megs). ARRL members can get a free 'Ask Why I DIY with Ham Radio' button at the ARRL table at larger hamfests and conventions while supplies last. (ARRL)

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 _____

Address _____

City _____ State _____ Zip Code _____

Phone Number _____ E-Mail Address _____

ARRL Member _____ May we publish limited information _____

Internal Use Only

Cash	<input type="checkbox"/>	Check	<input type="checkbox"/>	Money order	<input type="checkbox"/>
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 _____

