



THE OHM TOWN NEWS

Voice of the Bridgerland Amateur Radio Club

December 2006

>>>>>> <http://www.baronline.org> <<<<<<<

PRESIDENTS MESSAGE

Here it is, my last presidents message as President of the Bridgerland Amateur Radio Club. It is hard to believe that 3 years have past. It has been a lot of work but also a lot of fun. I had a lot of ideas when I took office 3 years ago, but really only one goal. That was to have fun with amateur radio. Fun I have had, but it is a lot of work to be the president.



I would like to thank everyone who has helped move the club along these past few years. Thanks to Ted McArthur, Tammy Stevens, Tom Baldwin, Ken Buist, Dave Fullmer, and Jacob Anawalt for everything they did this past year. I also want to thank Tyler Griffiths for taking on again and helping us with all the public service events, and for his leadership in the ARES/RACES arena. Then there is Dale Cox who works long hours to get the newsletter ready to go and mailed, and Boyd Humpherys who writes those ham profiles each month. Thanks to Bob Wood and Bill Neville along with many others for their continued work on the repeaters, like Dave Hancey said in a recent email to the club, we have the best repeater system around. Thanks to Jim and Beanie Lofthouse for their continued efforts to lead the VE's to offer license exam sessions 4 times a year.

I also which to say thanks to the many hams in Cache Valley who faithfully pay your dues each year, yet are unable to make it out to our club meetings and events. You see the value of the club in either promoting the hobby, or keeping the repeaters on the air for that one time when you might need it. I am sorry I have not contacted each of you individually to say thanks.

(Continued on page 3)

HAM PROFILE

by Boyd Humpherys W7MOY

Perhaps it's not often that we use Amateur Radio to report a problem out on the Indy 500 called the interstate, however when we have to report our own problem, that's when it pays off. Kevin Johnson, KD7MHA, did just that. About three years ago on a jaunt down to the big city in mid winter, some strange quirk of nature had turned I-15 into an ice rink near Farmington. After flawlessly executing a couple of pirouettes and a full gainer, Kevin found himself off the road, thankfully with no injuries. An emergency call to a fellow ham on frequency gave the requested call to an understanding Pater, another one to the appropriate interested parties, and the rescue procedure got under way. And that's what its all about, quick contacts, appropriate action, right now.

A roof mounted vertical on the gable of his castle was a dead give away. Kevin was caught in the very act of raking leaves, a fate most of us endure this time of year.

At present Kevin's mean machine is an ICOM dual bander HT with some coax headed skywards through the ceiling. Kevin has held a Tech license for about 5-6 years, has attended a field day or two and indulged in the great repasts conjured up by our superb imported chefs. If you haven't taken advantage of this tonsorial delight, you really don't know what you are missing.

Kevin first became a tax payer candidate down
(Continued on page 4)

Merry Christmas





Club Officers

President

Kevin Reeve N7RXE
n7rx@arrl.net
(435)753-1645

Vice President

Jacob Anawalt KD7YKO
anawaltaj@cache valley.com
(435)753-9033

Secretary

Tammy Stevens N7YTO
djstevens@sisna.com
(435)753-2644

Treasurer

Dave Fullmer N7RRZ
n7rrz@spectradesign.com
(435)753-2685

Board Members

Ted McArthur AC7II
ac7ii@comcast.net
(435)245-4904

Tom Baldwin KD7TRN
tomb@cachecomm.com
(435)770-6256

Ken Buist KC7QES
nuke54@juno.com
(435)752-3154

Newsletter Editor

Dale Cox KB7UPW
dbclfc@mtwest.net
(435)563-3836

Web Page Editor

Kevin Reeve N7RXE
n7rx@arrl.net
(435)753-1645

UPCOMING ACTIVITIES 2006

December 9 (Saturday) - VE Test 8:00 A.M.

December 13 (Wednesday) - Club meeting
Christmas party at the Bluebird, see below for more.

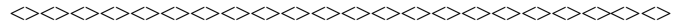
December 21 (Thursday) - RACES Net 8:00 P.M.

=====

BARC Club Meetings are normally on the second Saturday of the month at 10:00 A.M. on the 3rd floor of the Cache County Sheriffs Complex on 200 North and 1225 West, Logan, Utah

ARES Meetings are usually held on the Third Wednesday of each month at 7 P.M. at the Cache County Sheriffs Complex. Contact Tyler Griffiths for more information.

The Bridgerland Amateur Radio Club holds a weekly net Tuesday nights at 9:00 PM on the 146.72, the 147.26, the 145.31, the 147.20 and the 449.625 BARC Repeater System with a PL tone of 103.5. It is a directed net and we invite all licensed Amateur Radio Operators to check in and participate.



The November BARC Club meeting included election of Club Officers for 2007. The newly officers are:

President: Jacob Anawalt KD7YKO
Vice President: Eric Larson KD7YKQ
Secretary: Tammy Stevens N7YTO
Treasurer: Dave Fullmer N7RRZ
Board Members:

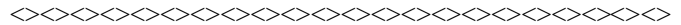
Past President:

Kevin Reeve N7RXE

Board Members at Large:

Tyler Griffiths N7UWX
Kevin Kesler KE7AAF

Thanks to those who have served in the past.



The BARC Christmas party is Wednesday December 13th 2006 at the Blue Bird Restaurant in Logan. Show up starting at 6:00 pm, dinner serves starting at 6:30 pm. The dinner will be a buffet style with the main menu choices of Prime Rib or Chicken, with two choices of potatoes, a couple of salad options, Coke products and a whole bunch of other stuff to go with it. The cost is \$15.00 per plate limited to the first 60 reservations. You must RSVP to Tammy Stevens N7YTO 753-2644 or Dave Fullmer N7RRZ 753-2685. Make your check payable to BARC and send to P.O. Box 111 Providence Utah 84332. Reservations and payments must be received by Wednesday 6 December 2006. There may be some interesting items for door prizes this year.



Answers to questions on page 6:
1-C, 2-C, 3-A, 4-B, 5-C, 6-C

(Presidents Message Continued from page 1)

Your financial contributions help in a big way to keep the club and repeaters going . Thank you so much and please note that we do know of your contributions and we use the money wisely. We have around 70 - 75 club members. A great number. We see anywhere from 20 - 35 at club meetings each month. We have many more that join in during our activities in the summer months.

Since I will be passing the torch onto the new President and crew, I take it upon myself to offer them a few words of advice, mostly to the president, but hey, everyone can listen in... hint hint.

1. Ask for help. You can not do it all yourself. And to the rest of you, lots of opportunities are given for you to step up and help. Each activity needs someone to take the lead. You do not need to know everything, just have a desire to make something happen. You do not need to be asked for an opportunity to take the lead. There is Field Day, JOTA, build it parties, net control, net rosters, ARES/RACES, and a whole multitude of public service events we get involved with. They all need someone, and they do not need the same person to spearhead them all.

2. Listen. Lots of club members have ideas, or opinions. Be sure to listen to everyone's input. You board members are there to be the eyes and ears of the club. You need to listen to club members, so you can understand what they want and expect. Realize everyone has an opinion and we can not do everything.

3. Say thanks a lot. Be sure to thank people for their help, assistance or service. This is a volunteer organization. Many are giving time they could be doing something else.

4. Always be enthusiastic. You are the cheerleader for the club and Amateur Radio. No matter what the score is, no matter how few people show up to club meeting, you have to be positive and not take it personally.

5. Recruit new members. All organizations need new blood. It is usually amateurs in their first 5 years of having a ham ticket who will be the most enthusiastic and they want to learn. Our club has remained successful because of the influence and enthusiasm of new amateur radio operators. The club needs to continue to have ham license classes and other activities.

6. Organize activities early. The majority of our activities and club meetings must be planned and organized over the course of several weeks or months. Chart out a plan for club meetings, and start recruiting

presenters early.

Finally to the officers and board members. The president needs your help. He can not do it all by himself. He needs you to be at the club meetings to help set-up, greet people, collect dues, and deal with all that goes on. He needs you to recruit other club members to take charge of activities. He needs you to take some of the activities and make it happen.

When many ham radio clubs around the country are seeing decreasing club members and activity, BARC is holding it's own and staying pretty consistent. We have lost a few members, but for the most part have had new members join each year.

The small club store established 3 years ago has been a big hit. Unfortunately we can not stock a huge supply of things, but it is interesting to note that many club members have heard about our store and have stopped by to purchase coax, connectors, and other things. I am happy to report the club store is successful and financially sound.

The next year looks to be an exciting one. The best thing about new leadership in a club is new enthusiasm, new ideas, and new direction. As past president I will still be around as a member of the board. This was wisely written into the bylaws to provide continuity and clarification on why things were done the way they were done. I hope every one of you will contact Jacob and offer your support and help this year. Even if you are someone we do not see a whole lot of during the year, please say hi.

This next year I will be leading a huge IT project at work. This project will require a lot of my time and attention, but you will find me at meetings, field day, and as many of the activities as I can get too.

I hope each of you has a great Christmas and a Happy New Year. Thanks again to everyone for your support. You have been really kind to me and my family. I really enjoy being with you and having fun with the hobby. I am one that enjoys all aspects of the hobby (except when my radio does not work). Merry Christmas and a Happy New Year.

73,
Kevin Reeve N7RXE

Happy Holidays
Merry Christmas
Happy New Year

in Taylorsville, of which SLC is a suburb. He matriculated from Cottonwood High School, somewhat Magna Cum Laud. He admitted he had while there, indulged in a course of Spanish. We dropped that subject when he muttered something akin to "No Comprendo, señor". After enduring the Kennecott haze for about 20 years, he was off to bigger and better things, namely Cache Valley, where haze never occurs. He's presently employed by Automation Products Group, formerly known as STI, formerly known as Lundahl Instruments. They now have a new facility down West of town. He's involved in the manufacture of ultrasonic transducers, which means the dogs in town can hear the things but you can't. Operational frequencies are from about 30 KHz to 150 KHz or so. Now that's really hi fi. He's been with them for about 5 1/2 years now.

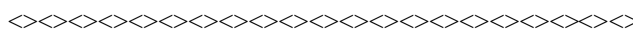
He now abides amongst us, well founded in the black art. First his Dad, an engineer, contacted the craze with a call of WA7JOS. Kevin mentioned he had some Heath gear early on, which tells the tale time wise. Shortly, his mum, through some sort of influence yet undisclosed, decided to keep peace in the family and came up with a call of KD7IZC. So Kevin really had no choice, if he wanted to partake of a bowl of mush each morning.

He's well equipped with some good looking PC gear, but is enduring the curse of dial up service. (I know all about that). He indicated his only salvation was the use of some PCs at work where they have some high speed interconnects. (ah such bliss)

He has gotten involved in a little camping in the past, but prefers the warmth of the hearth, especially in the winter time.

Kevin is not attached at the moment, but intimated he might be interested in some good looks along with an Extra ticket, a room full of the latest gear, a chateau up on mortgage flat, and a Benz(paid for) parked in the driveway.

Welcome to the noble group, and as the old axiom goes, "GET INVOLVED, YOU'LL LIKE IT". 73s from the BARC mob.



ARRL Bulletin 27 ARLB027

From ARRL Headquarters
Newington CT November 22, 2006

ARLB027 "Omnibus" Amateur Radio Report and Order Takes Effect December 15

With publication in the Federal Register November 15, the long-awaited changes to the amateur rules are set to take effect 30 days later, at 12:01 AM EST December 15. The so-called "Omnibus" Amateur Radio proceeding, WT Docket 04-140, includes a significant expansion of the 75

Bridgerland Amateur Radio Club Log-in # _____
Membership Application for the Year 2007
Dues are in effect January 1, 2007 through December 31, 2007

Name _____ Call Sign _____ Date Paid _____

P.O. Box _____ Street Address _____

City _____ State _____ Zip Code _____

Home Phone () _____ Work Phone () _____

Phone # for Auto-Dial Slot _____ E-mail _____

Individual Membership - \$25 \$ _____

Additional Family members in same household - \$3 ea \$ _____

(One Newsletter per household)

Names and call signs of additional family members Total \$ _____

Name _____ Call Sign _____

Name _____ Call Sign _____

Are you an ARRL Member? _____

Mail your completed form and a check to:
 B.A.R.C., P.O. Box 111, Providence, UT 84332-0111
 B.A.R.C. is a non-profit organization

meter phone band and a variety of other changes. The highlights:

? For Amateur Extra class licensees, the 75 meter phone band will start at 3600 kHz, while Advanced class licensees start at 3700 kHz and Generals at 3800 kHz. The high end of the CW/RTTY/Digital band is now 3600 kHz (although CW is allowed on the entire band).

? On 40 meters, Amateur Extra and Advanced licensees will be able to operate phone beginning at 7125 kHz, while Generals start at 7175 kHz. The top end of the CW/RTTY/Digital band will be 7125 kHz (although CW is allowed on the entire band).

? There are no changes to the 20 meter band.

? On 15 meters, the General class phone band now starts at 21275 kHz.

? On 10 meters, Novice and Technician Plus licensees can now operate CW/RTTY/Digital from 28000 kHz to 28300 kHz.

? In addition, Novices and Tech Plus licensees can use CW only on the same frequencies as General and Advanced licensees on the 80, 40 and 15 meter bands: 3525 kHz-3600 kHz; 7025 kHz-7125 kHz and 21025 kHz-21200 kHz.

The Report&Order as published in the Federal Register clarified two items that had raised some concerns when it was first released October 10: That the 80/75 meter band split applies to all three IARU Regions, and that FCC licensees in Region 2, which includes North America, can continue to use RTTY/data emissions in the 7075-7100 kHz band. Several controversial aspects of the proceeding are still to be resolved, although the FCC is working on an erratum for the inadvertent elimination of J2D emissions of more than 500 Hz bandwidth. The Commission intends to release the erratum by the December 15 effective date. The FCC also took several other miscellaneous actions.

NNNN /EX

ARRL Bulletin 28 ARLB028

From ARRL Headquarters
Newington CT November 29, 2006

ARLB028 FCC corrects error in "Omnibus"

Report And Order

The FCC has released an Erratum that corrects one error in the recent Report and Order (R&O) in WT Docket 04-140 -- the so-called "omnibus" Amateur Radio proceeding—that inadvertently limited J2D emissions to an occupied bandwidth of 500 Hz. J2D emissions are data sent by modulating an SSB transmitter. Had it been left to stand, the error would have rendered illegal below 30 MHz PACTOR III at full capability as well as Olivia and MT63 when operated at bandwidths greater than 500 Hz bandwidth, 1200 baud packet, Q15X25 and Clover 2000. The FCC Erratum revises 97.3©(2) of the Amateur Service rules going into effect December 15 to read: Data. Telemetry, telecommand and computer communications emissions having (i) designators with A, C, D, F, G, H, J or R as the first symbol, 1 as the second symbol, and D as the third symbol; (ii) emission J2D; and (iii) emissions A1C, F1C, F2C, J2C, and J3C having an occupied bandwidth of 500 Hz or less when transmitted on an amateur service frequency below 30 MHz. Only a digital code of a type specifically author-

ized in this part may be transmitted. The Erratum is available on the FCC Web site, http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-268642A1.pdf. The FCC incorporated some unrelated editorial revisions in the version of the R&O that appeared November 15 in the Federal Register, <http://a257.g.akamaitech.net/7/257/2422/01jan20061800/edocket.access.gpo.gov/2006/pdf/E6-19189.pdf>. The "omnibus" rule changes—including those accounted for in the Federal Register and the Erratum—take effect Friday, December 15, at 12:01 AM EST (0501 UTC).
NNNN /EX



The ARRL Letter Vol. 25, No. 40 October 6, 2006

==>NEW LAW FORMALLY MAKES AMATEUR

RADIO PART OF EMERGENCY COMMUNICATIONS COMMUNITY

A section of the Department of Homeland Security (DHS) 2007 Appropriations Act, HR 5441 <<http://thomas.loc.gov/cgi-bin/bdquery/z?d109:h.r.05441>>, formally includes Amateur Radio operators as a part of the emergency communications community. Congress approved the measure before adjourning for its pre-election break. President George W. Bush signed the bill into law October 4. Amateur Radio is included within the legislation's Subtitle D, Section 671, known as the "21st Century Emergency Communications Act." Radio amateurs are among the entities with which a Regional Emergency Communications Coordination Working Group (RECC Working Group) must coordinate its activities. Included within the DHS's Office of Emergency Communications—which the measure also creates—RECC Working Groups attached to each regional DHS office will advise federal and state homeland security officials. The final version of the legislation incorporated language from both House and Senate bills and was hammered out in a conference committee. An earlier version of the 21st Century Emergency Communications Act, HR 5852, included Amateur Radio operators as members of the RECC Working Groups. In addition to Amateur Radio operators, RECC Working Groups also will coordinate with communications equipment manufacturers and vendors—including broadband data service providers, local exchange carriers, local broadcast media, wireless carriers, satellite communications services, cable operators, hospitals, public utility services, emergency evacuation transit services, ambulance services, and representatives from other private sector entities and nongovernmental organizations. The RECC Working Groups will assess the survivability, sustainability and interoperability of local emergency communication systems to meet the goals of the National Emergency Communications Report. That report would recommend how the US could "accelerate the deployment of interoperable emergency communications nationwide." They also will coordinate the establishment of "effective multi-jurisdictional, multi-agency emergency communications networks" that could be brought into play in an emergency or disaster. In light of the new legislation, the ARRL plans to follow up to determine how it can interact with the DHS and its Office of Emergency Communications.

Questions for General Class License

1. (G1A10) What are the frequency segments for General class licensees within the 75/80-meter band in ITU Region 2 for CW emissions?
 - A. 3500 - 3750 kHz and 3800 - 4000 kHz
 - B. 3700 - 3750 kHz and 3850 - 4000 kHz
 - C. 3525 - 3750 kHz and 3850 - 4000 kHz
 - D. 3525 - 4000 kHz
2. (G1D12) If you are a Technician licensee with Morse code credit and hold a CSCE for Element 3, what is one way you could identify your station when transmitting phone emissions on a General class amateur frequency?
 - A. Give your call sign followed by the words "general class"
 - B. No special identification is needed, since your license upgrade would already be shown in the FCC's database
 - C. Give your call sign followed by the words "temporary AG"
 - D. You must wait until your new license arrives by mail from the FCC before using general class frequencies
3. (G2B12) What is a considerate way to avoid harmful interference when using phone?
 - A. Ask if the frequency is in use, and say your call sign
 - B. Call MAYDAY to make sure that the frequency is clear
 - C. Call CQ for two minutes and see if anyone responds
 - D. Turn on your amplifier, then go ahead and transmit
4. (G2F05) What is the most common frequency shift for RTTY emissions in the amateur HF bands?
 - A. 85 Hz
 - B. 170 Hz
 - C. 425 Hz
 - D. 850 Hz
5. (G4B07) What is the purpose of a field-strength meter?
 - A. To determine the standing-wave ratio on a transmission line
 - B. To check the output modulation of a transmitter
 - C. To monitor relative RF output
 - D. To increase average transmitter output
6. (G5B12) What causes a voltage to appear across the secondary winding of a transformer when a voltage source is connected across its primary winding?
 - A. Capacitive coupling
 - B. Displacement current coupling
 - C. Mutual inductance
 - D. Mutual capacitance

**THE OHM TOWN NEWS
PO BOX 111
PROVIDENCE, UT 84332**



December, 2006

Some Contents...

Presidents Message	1
Ham Profile: Kevin Johnson.....	1
Events Calendar	2
BARC Club Membership Application Form	4
ARRL News	5

