



# THE OHM TOWN NEWS

*Voice of the Bridgerland Amateur Radio Club*

## November 2004

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

### Presidents Message

It was good to see many of you at the October club meeting on solar power. Jim Brown did a fantastic job sharing his experience and expertise on solar power and necessary equipment and regulations.

Tammy Stevens N7YTO our Vice President showed a few new designs for the club shirts. Members voted on it, and it appears we have two similar designs that are popular with club members. We are working on combining the best of both based on feedback. Thanks to Tammy for doing this. We will be looking for an embroidered design on a nice polo type shirt. Now to the hard part, picking the colors. I have never been good at that. Thank goodness for the ladies in the club.

The Christmas Party is all set for December. It will be out in Paradise again. Please RSVP and pay by December 1<sup>st</sup>. We will have a couple of great prizes. But expect something a bit difference. Menu and more details are listed elsewhere in the newsletter.

On the 15<sup>th</sup> and 16<sup>th</sup> we went camping with Troop 1 to finish of the radio merit badge and participate in JOTA. You should of seen the kids faces when we made contact with Germany and Alaska. They all got excited. Perhaps some future hams. All in all BARC has helped about 35 boys earn their radio merit badge this year. Perhaps others have helped boys in their local area as well. What a great experience it is to get youth involved in the hobby. Thanks to all those who gave of their time to help with these efforts.

November is our club elections. As you will see from the ballot many of those currently serving are willing to serve for another term. This is fantastic. We have some great things going and look forward to

*(Continued on page 2)*

### Ham Profile

by Boyd Humpherys W7MOY

Why don't we meet one of our newest hams in the valley? We'll do that, in fact he took the exam on the 28th. of Sept. That's about as new as we can get at the moment. Kevin Troy Blau, a resident of Cove, a 16 year old Junior attending Sky View, passed the test and came up with a KE7BVQ call. Guess who the proud button popping grand dad is who elmered him along and kept him mesmerized in a lot of visits to the depths of the basement ham shack? None other than the ole DX hound himself, Doug Hendricks W7LRV, who resides just two houses away. Now who could resist that kind of influence?

Kevin, being a self starting Skyview Bob Cat, picked up one of the current editions of "Now you're talking", digested its contents and promptly passed BARCs exam session to earn the new license. You can do it guys.

He sports an ICOM 2 meter HT, a Ringo Ranger and 4 element beam which are waiting good weather to get hoisted to the roof. He has submitted his construction plans to the Castle Engineering Firm by the name of "MOM, Inc". It appears there is some sort of hang-up due to technical details, liability, and some vague wording called "No you can't run all those wires through the basement window". It is thought that these issues will be resolved shortly, otherwise his home QTH trademark will go un-noticed.

He has worked summers for Doug on the farm, hot tiring labor, but the regular breaks for a can of root beer and checking the skip on 20 meters, made life bearable. He now is employed at Pizza Villa in Richmond and for a reasonable price will stack enough stuff on your favorite Pizza to make your eyes pop.

*(Continued on page 4)*



## Club Officers

### *President*

Kevin Reeve N7RXE  
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(435)753-1645

### *Vice President*

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## Events Calendar

**November Club Meeting: November 13th 2004 10 AM**  
November club meeting will be elections plus a chance to check on autodial slots and repeater info. Also a chance to show off home brew and kits that have been built. It will be at our new meeting location at the Cache County Sheriffs Complex on 200 North and 1225 West.

**December Club Meeting: December 9**

### Club Christmas Party

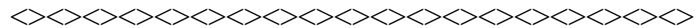
Thursday December 9<sup>th</sup> 2004 at the Cracker Barrel in Paradise Utah. Great prizes, and something different this year.



The party will be on Thursday evening December 9<sup>th</sup> at the Cracker Barrel in Paradise Utah. If our numbers grow over what we had last year then we will move it to the city hall. Cost is \$15.00 per plate and you must



RSVP and pay by December 1<sup>st</sup>. Menu includes prime rib and chicken paprika (enough so everyone can have some of both), seafood salad, green salad, au gratin potatoes, rolls, and the sinfully great cake for dessert, coke products to drink if we have it at the cafe and punch if we have it at the town hall.



*(Presidents Message Continued from page 1)*

another great year in 2005. Along with the ballot (available at club meeting) will be a questionnaire about the club. We are looking for input for future years. What should the club be doing? What are your interests?

The repeater committee will be on hand at the November meeting to work with members on their autodial slots, and training. They are also working on a proposal to get the 147.20 repeater up onto a mountain site and some neat ideas. I think you will like what they have in mind. They will bring the final proposal to the club when they are ready. Some details and costs to still work out, but I like the ideas they have shared with me so far.

Some of our efforts next year should include the recruitment and training of new club members. An organization keeps its vitality by the excitement and energy of new members. Seeing by the great numbers who are willing to run for club office, it is apparent that we need some new members for future leadership rolls. See ya at club meetings or on the air. 73.

# Election Ballot

2005 club officers

<b>For President</b>	
• <b>Kevin Reeve N7RXE</b>	
•	

<b>For Vice President</b>	
• <b>Tammy Stevens N7YTO</b>	
•	

<b>For Secretary</b>	
• <b>Julie Dabb KC7RPP</b>	
•	

<b>For Treasurer</b>	
• <b>Dave Fullmer N7RRZ</b>	
•	

<b>For members of the board (Vote for 3)</b>	
• <b>Tom Baldwin KD7TRN</b>	
• <b>Ken Buist KC7QES</b>	
• <b>Erik Larson KD7YKQ</b>	
• <b>Ted McArthur AC7II</b>	
•	

## Club Survey

What day of the week should we hold club meetings \_\_\_\_\_

Should the club focus more on emergency communications \_\_\_\_\_

What topics should be covered at club meetings \_\_\_\_\_

Circle the following activities that you feel are important for the club to support

Field Day   JOTA   Emergency Communications   Top of Utah   LOTOJA  
 Christmas Party   Build it parties   Bunny Hunts   Balloon Launches   Club Picnics  
 Utah Ham Fest   Cruise in   Biathlon   Cache Classic   Training topics on nets  
 Volunteer Examiners   Mountain Man Rendezvous   BARC repeater Network  
 License Classes   Youth Ham Programs   Other \_\_\_\_\_

**Mailed ballot must reach the post office box by November 13<sup>th</sup>. Elections are held at club meeting.  
 Send in your ballot, come in person, or mail it to BARC P.O. Box 111 Providence Utah 84332  
 If mailed please put your name on the mailing envelope only. Must be a member of BARC to vote.**

(Ham Profile Continued from page 1)

### October Club Meeting

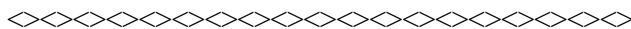
He shares the breakfast table with Dad, also named Kevin, Mom Nanci, sister Stacy 18, Leslie 8, brothers Kelly 20 and Jason 9. An older sister Heidi is married and doesn't have to put up with Kevin's ideas for a 100' tower in the back yard.

When asked what he did for hobbies, other than Ham Radio, he indicated a liking for pheasant hunting, fishing at Island park, and deer hunting with friends. When asked the 64 dollar question about whether he had a girl friend, he replied with a rather firm--No. I should have put him under oath on that one. He drives a neat little red convertible. Now what would any self respecting Junior at Sky View (also a new ham), do with a red convertible and no girl friend?

He is also involved with a ruffian group of Cache Valley High School individuals in a hockey team by the name of "Cache Valley Wild". They practice regularly at the local ice arena and play some tournament games with Ogden, SLC, Bountiful, & South Jordan teams. He was telling me the costs of some of the Hockey equipment such as skates, shin guards, pants, helmets, & hockey sticks, etc. Now Kevin, you need to understand that for the price of all that stuff you put on to keep from getting killed, you could outfit the ham shack with a whole set of the latest Ham gear and have a little Pizza money left over. I figured the Hockey sport for that age group here in Cache Valley wouldn't involve the physical head bashing, donny brooks, and penalty type of stuff you see with the professional sport----- Wrong. He indicated he had broken his wrists, bruised some ribs, and suffered some bad headaches. Due no doubt to a few slight taps on the noggin with some of the new Titanium or Graphite Hockey sticks. Others have had some broken ankles, and other scrapes. A peaceful and docile hobby if I do say so.

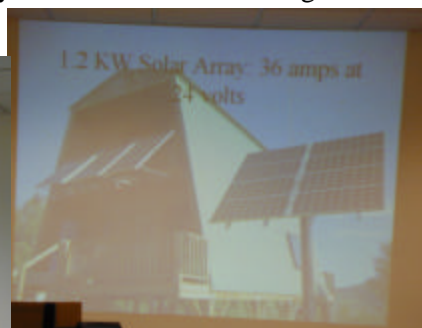
He indicated he might like to play for the USU team eventually. I inquired as to what he might have his eyes set on when he gets involved in University studies. He paused with a bit of reflection and said--"I believe I would like to get involved in explosives"----- Look out Doug, I think he would like to take down your barn!!!!!!!!!!

Welcome to the fraternity Kevin, get involved with all the activities and meet the motley crew. 73s.



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

Our October Club Meeting featured Jim Brown NA7G. Jim made a fantastic presentation on Solar Power. He showed slides of equipment, and showcased his cabin near Lava Hot Springs. Jim's cabin has a 1.8 KW solar system Jim designed and installed. Jim shared his knowledge of equipment, installation procedures, electrical codes, and safety. It was a fantastic event. The interest on solar power is high in the club. We will probably have more club meetings on this.



Tammy Stevens N7YTO, the club Vice President shared several new club logos she has been working on with the LogoShop in town. Members voted on designs

and there were a couple of clear winners. Tammy is working on finalizing the design and picking the colors.

Beanie Lofthouse talked about the Christmas Party. The party will be on Thursday evening December 9th at the Cracker Barrel in Paradise Utah. If our numbers grow over what we had last year then we will move it to the city hall. Cost is \$15.00 per plate and you must RSVP by December 1st. Menu includes of prime rib and chicken paprika (enough so everyone can have some of both), seafood salad, green salad, au gratin potatoes, rolls, and the sinfully great cake for dessert, coke products to drink if we have it at the cafe and punch if we have it at the town hall.



#### The ARRL Letter Vol. 23, No. 41 October 15, 2004 ==>FCC ADOPTS NEW BPL RULES, ACKNOWLEDGES ITS INTERFERENCE POTENTIAL

As expected, the FCC this week adopted revised Part 15 (unlicensed services) rules to specifically regulate broadband over power line (BPL) systems. Meeting October 14 in open session, the Commission adopted a Report and Order in ET Docket 04-37. In comments

(Continued on page 7)

## BYLAWS

### BRIDGERLAND AMATEUR RADIO CLUB, INC

#### Article I – NAME

Section 1. The name of this organization shall be **THE BRIDGERLAND RADIO CLUB, INC.**

#### Article II – PURPOSE

Section 1. The purpose of this organization shall be to unite radio amateurs in fellowship, to aid those not licensed in learning code and theory, and to provide service to the community especially in times of emergency.

#### Article III – MEMBERSHIP

Section 1. All persons having a bonafide interest in amateur radio, whether licensed or not, shall be eligible for membership.

Section 2. Application for membership shall be submitted to a club Officer. A member charged with conduct unbecoming a member of this Club may be expelled by a (2/3) majority vote of the members if the Board of Directors (Board) has found the charges are sustained by its investigations. An expelled member may not reapply for membership unless approved by the Board.

Section 3. A member shall be defined as one who has submitted an application for membership and paid the appropriate dues.

#### Article IV – OFFICERS AND BOARD

Section 1. There shall be a Board of Directors which shall consist of the Officers, the immediate past President and two at large Board Members.

Section 2. The Officers of the club shall be: President, Vice-President, Secretary, and Treasurer.

Section 3. All Officers and Board members shall be members of the club in good standing.

Section 4. Any person elected to the office of President shall have served at least one year as Officer or Board member of the club, whether before or after incorporation.

Section 5. The immediate past president shall serve the subsequent year as a member of the Board.

Section 6. Committee chairpersons of the various committees required shall be appointed by the Board. Additional members of said committees shall be appointed by the committee chairperson.

#### Article V – ELECTIONS

Section 1. The Officers and Board members of the club shall be elected for the term of one (1) year and until such time as their successors shall have been elected and take office. Newly elected Officers and Board members shall take office the first day of January of the next year.

Section 2. The President shall appoint a nominating committee of three (3) members, at least one (1) of whom shall be a member of the Board. They will present their list of nominations by notification as specified in Article XII Section 6.

Section 3. Election of Officers and Board members shall be held at the November Club meeting. Nominations will be accepted from the floor. Those receiving the largest number of votes shall be elected.

Section 4. Vacancies occurring between elections must be filled by a special election at a general meeting after which the withdrawal or resignation is made known. Nominations for replacement shall be made by the Board. Nominations shall also be accepted from the floor. Voting shall be conducted per Article XII and the person receiving the largest number of votes will be the new Officer. The newly elected Officer shall take office immediately.

Section 5. Officers and Board members may be removed by a petition signed by at least ten (10) members and upheld by a  $\frac{3}{4}$  majority vote.

#### Article VI – DUTIES OF THE BOARD AND OFFICERS

Section 1. The Board shall be the governing body of the Club and as such shall formulate and be responsible for all matters of policy. Decisions of the Board shall be reached upon majority vote; and thereupon the President shall execute the decisions so made or the policies so formed.

Section 2. The newly elected President shall call an organizational meeting of the old and new Officers and Board members within 30 days of the election meeting.

Section 3. The President shall preside at all meetings of this Club; shall enforce due observance of the by-laws; shall decide all questions of order; shall sign all official documents that are adopted by the Club; and shall perform all customary duties pertaining to the office of President.

Section 4. The Vice-President shall possess all the powers and assume all duties of the President in the event of the absence, disability, refusal, or failure to act, of the President. The Vice-President shall further assist the President in all functions of that office and shall perform such other duties as are properly assigned by the Board.

Section 5. The Secretary shall countersign all deeds, leases, and conveyances executed by the corporation; shall keep a record of all proceedings of all meetings; keep a roll of members and the current status of these members; shall keep a roll of members present at meetings; accept applications for membership; keep a copy of the Articles of Incorporation and By-laws present at all meetings; carry on all correspondence; read communications received at each regular meeting, and give notice of all meetings.

Section 6. The Treasurer shall receive and disburse all club funds, including dues from members; shall keep an accurate record of all such transactions; and shall give a financial report to the Board and members upon request.

#### **Article VII – MEETINGS**

Section 1. There shall be a general Club meeting held monthly. This meeting schedule may be changed, subject to a decision by the Board.

Section 2. Special meetings of the members may be called at any time by the President, provided the entire Club membership is notified in writing of such special meeting ten (10) days prior to the meeting. Notification may be done per Article XII, Section 6. The President shall be required to call a special meeting upon receipt of a written request signed by ten (10) or more members.

Section 3. The Board shall meet in a general or special meeting in order to transact business. The Board shall normally meet once a month. All meetings of the Board shall require ten (10) days notice to the Board members.

Section 4. All meetings of the Board shall be open to all Club members.

#### **Article VIII – DUES**

Section 1. The annual dues will be recommended by the Board and approved by the members. The dues year shall be January 1 to December 31. Pro-rated dues will only apply to new licensees or those new in the area. The Board has the authority to accept dues paid from any valuable consideration.

#### **Article IX – AMENDMENTS**

Section 1. The by-laws may be amended by a two-thirds (2/3) majority vote at a general meeting, providing that members shall have been notified per Article XII, Section 6. Proposals for amendments shall be submitted in writing to a Club Officer.

#### **Article X – RULES**

Section 1. Roberts's rules of Order shall govern all proceedings of this Club.

#### **Article XI – BUDGET AND REPORTING**

Section 1. The Board shall give an annual report to the members on the activities of the Club with a financial report including the receipt and disbursement of Club funds. The Board shall present an annual budget after receiving input from committee members and members at large. The members shall vote upon said budget within the guidelines of said budget. A vote of the members will not have to be given again unless the budget is changed materially or exceeded in total.

#### **Article XII – VOTING**

Section 1. Only members in good standing shall be entitled to vote.

Section 2. All voting shall be by majority vote of the members present, unless specially stated otherwise in these articles.

Section 3. Voting for the election of the Board and Officers; expulsion of a member; Board member or Officer; adoption or amendments of the By-laws; approval of the annual budget and dues; and other issues as designated by the Board shall be conducted as stated below in Section 4 through 6.

Section 4. Voting on matters specified in Section 3 of this Article shall be by secret ballot of members in attendance and by members Proxies.

Section 5. A Proxy shall be included with the notification as specified in Section 6 below. Proxies may be given to a Club Officer or any other member by mail or in person. Proxies may be specific or general. The form of the proxies, ballots and balloting procedures shall be determined by the Board.

Section 6. Notification to members of the subject matter of any vote to be taken shall be by publication in the OHM TOWN NEWS the issue prior to the meeting in which the voting is to be done. The notification shall include the time, date and place of the meeting in which the vote will be taken. The notification shall be mailed no later than ten (10) days prior to the scheduled meeting date.



## Questions for Extra Class License

1. (E1A03) What exclusive frequency privileges in the 40-meter band are authorized to Amateur Extra class control operators?
  - A. 7000-7025 kHz
  - B. 7000-7050 kHz
  - C. 7025-7050 kHz
  - D. 7100-7150 kHz
2. (E1C10) Which of the following operating arrangements allow an FCC licensed US citizen to operate in many European countries and alien amateurs from many European countries to operate in the US?
  - A. CEPT agreement
  - B. IARP agreement
  - C. ITU agreement
  - D. All of these choices are correct
3. (E2A03) What is the period of an amateur satellite?
  - A. The point of maximum height of a satellite's orbit
  - B. The point of minimum height of a satellite's orbit
  - C. The amount of time it takes for a satellite to complete one orbit
  - D. The time it takes a satellite to travel from perigee to apogee
4. (E3B01) What is transequatorial propagation?
  - A. Propagation between two points at approximately the same distance north and south of the magnetic equator
  - B. Propagation between two points at approximately the same latitude on the magnetic equator
  - C. Propagation between two continents by way of ducts along the magnetic equator
  - D. Propagation between two stations at the same latitude
5. (E4C25) What degree of selectivity is desirable in the IF section of an FM phone receiver?
  - A. 1 kHz
  - B. 2.4 kHz
  - C. 4.2 kHz
  - D. 15 kHz
6. (E5E15) What coordinate system can be used to display the phase angle of a circuit containing resistance, inductive and/or capacitive reactance?
  - A. Maidenhead grid
  - B. National Bureau of Standards
  - C. Faraday
  - D. Polar

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PO BOX 111  
PROVIDENCE, UT 84332**



***November, 2004***

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