



THE OHM TOWN NEWS

Voice of the Bridgerland Amateur Radio Club

November 2006

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

HAM PROFILE

by Boyd Humpherys W7MOY

We have a Gold Magnate amongst us in the form of Roger Ellis, bearing the call of KE7HTE. (that ought to draw a little interest) Don't worry Roger, the club dues are the same for everyone regardless. Gary Roberts probably ignited some of the adrenalin with some timely Elmering to shove Roger along the path. Roger is a relatively new member of the BARC ensemble, getting involved in the Wasatch Back relay, Latoja, and ARES activities. He just received his Tech ticket in May of this year. He had enrolled in a class taught by one of our good club leaders, boned up on the exam materials and theory, really got excited and wanted to get at it right now, however the club exams were scheduled a bit later in the summer, so to keep all the stuff up stairs, he sauntered over the hill to Montpelier and whammed the exam given by the club over there.

He sports some Yaesu gear, HT, 7800 mobile with a 5/8 whip, and is scheming on something to grace the roof of the home QTH.

Roger was born in Ogden, attending Ben Lomond High, Weber State, then off to graduate school at El Paso working on Geology, metallurgy, and ultimately winding up in the copper mining industry in Arizona, being head engineer in the Gold mining areas. I'm not



sure if he took any work home at night and I didn't ask where he had parked his Benz or where his chateau at Lake Tahoe was.

We just about missed the most important segment. While studying at El Paso, he noted a certain person who was studying, and teaching High School and

(Continued on page 2)

PRESIDENTS MESSAGE

Hello everyone. Let me update you on a few things in the works. With the electronic age comes the ability to do more things online. The Board has discussed accepting club dues and donations online using the popular PayPal system. This lets you pay by credit/debit card or check online. I and many others have used it to pay for things online for years. It is a popular tool for eBay users as well. Other clubs are doing this and report that it works very well for them. Look for that soon on our website.

Things are already in the works for next year. Some ideas were discussed, and we will continue the discussion at the November club meeting.

WIMU 2007, is in the works. The Utah Hamfest groups has sent in a proposal to host the 2007 WIMU hamfest in Jackson Wyoming, the first week of August 2007. Put that on your calendar and make plans to attend. It is a lot of fun, and Jackson is a great place to vacation. Our family went last year and had a great time in the Tetons and Yellowstone. We saw 3 bears on our journey. One was real close, probably too close.

In case you have not joined up, we have a email list that you can subscribe to, for up to date information on the club and other ham radio happenings in Cache Valley. It is barc@yahoogroups.com. For information on signing up, please go to www.barconline.org under join.

Club elections are coming in November. As usual we have had some people step forward willing to run for office. I am very appreciative of that. The club is on a great roll and we are continuing to build mo-

(Continued on page 3)





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UPCOMING ACTIVITIES 2006

November 11– BARC Club meeting
Club elections

December 13 (Wednesday) - Club meeting
Christmas party at the Bluebird starting abt 6,
more info coming

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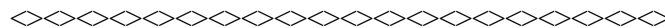
BARC Club Meetings are normally on the second
Saturday of the month at 10:00 A.M. on the 3rd floor
of the Cache County Sheriffs Complex on
200 North and 1225 West, Logan, Utah

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

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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 Sys-

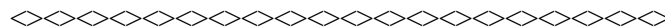


(Ham Profile Continued from page 1)

graduate classes, a certain Miss Rosario Rios. It appears certain parts of our conversations must be the same in most languages, as they decided to combine assets and head in some new directions. One direction after Arizona, was the position of mine supt. in a Uranium mining facility in Wyoming, then another area beckoned. The cougar lair of BYU offered a degree in Business Administration, then a move to Logan and employment at Ham Haven, (Campbell Scientific) where he has been for 20 years or so. They are proud of their 5 harmonics, who seem to be scattered hither & yon, & 6 grand kids so far.

Both Roger and Rosario are not content to let moss accumulate anywhere, Roger being a scouter (nuff said), and both having completed CERT training. She is presently a block captain, does a little gardening and pampers the grand kids.

While on a neighborhood stroll they happened to pass the residence of one by the name of Dave Fullmer and Roger seemed to convince her that good things come of extensive physical facilities with lots of cables running here and there. Right on, Roger, most of the club will be on notice to erect the hundred footer when you get ready. 73s and welcome to BARC.



Answers to questions on page 8:
1-D, 2-D, 3-C, 4-C, 5-C, 6-D

(Presidents Message Continued from page 1)

mentum. While many clubs memberships are declining, BARC has help pretty constant over the last few years. We have some drop, but always have new members joining. Many of our newest club members attended one of our licensing classes we had last year. I plan to get involved in offering another one of those this year.

Now for all you new hams. I remember coming to club meetings feeling lost, and with lots of questions. I was a bit shy. I found that the best way to learn was to jump in and get involved. I volunteered for events, went to field day, and even offered to take pictures for the newsletter. Our club got involved with a balloon launch experiment at Utah State University, that's where I had lots of fun, learning direction finding, packet and other radio controlled stuff. Well, the news is that I am still learning. Ham radio has so much to offer that I will never figure it all out. Just this last field day I learned about PSK and had fun operating it. In case you did not know, PSK is digital communications over HF. You hook a computer to your HF rig. It is pretty cool stuff.

Some things I am still interested in include operating satellites. I have seen this done and a few presentations. It looks really fun. In a recent QST magazine, I found an article on building a nice base station 2 meter antenna for about \$20.00. It looks fun to build. Would make a great home station antenna, or one for emergencies. Hopefully we can have a build it party this next year.

Thanks goes out to Dave Hancey, KC7CXF for making two trips to Mount Logan for us. He picked up the 449.625 repeater and brought it down for repairs, then took it back up the mountain and installed it, in between our funky snow storms we have had this fall. On one of the trips he installed our new Autopatch yagi antenna. Our repeater committee spent hundreds of hours working on repeaters this summer. They tuned duplexers for the Star Valley Club, made 2 trips up to sedge-wick (146.80) to work on that repeater for our friends in Idaho, went to Redspur, and built us a nice portable repeater for use in our events. This repeater was used for both the Top of Utah Marathon and Lotoja. In addition work began on the 147.20 repeater for Wellsville, so these guys have been busy and I am very appreciative of their countless hours.

Speaking of LOTOJA, in estimating hours spent by club members it is around 1000 hours. Amazing. Now if we added ARES/RACES, ERRS, Top of Utah, and all the other events, even more amazing. BARC has always been a service club. That is what we do best.

A special thanks to Don Butler, N5LZ, who was our speaker for club meeting. Unfortunately I had to go out of town and missed this. I have heard excellent comments about his presentation from several hams.

Speaking of club meetings, we are toying with the idea of podcasting the ham meetings we have. Basically this is audio recording the meetings and then putting them on our club site.

If you can not make it to club meeting, send your ballot into the address listed on it, or send it with someone.

Thanks for all your work to keep the club going. Please volunteer to help. All that is needed is a desire to help, the rest can be learned.

Until next month, and my last presidents message, 73's

Kevin N7RXE



**The ARRL Letter Vol. 25, No. 38 September 22, 2006
==>DIGITAL PIONEER TAPR CELEBRATES 25TH
ANNIVERSARY AT DCC**

Some 100 communication enthusiasts gathered in Tucson, Arizona, September 15-17 for the TAPR/ARRL Digital Communications Conference (DCC). This conference marked the 25th anniversary of the formation of TAPR <<http://www.tapr.org>> -- Tucson Amateur Packet Radio.

TAPR was one of the driving forces behind the packet radio revolution that began in the middle 1980s, and it continues to be at the cutting edge of Amateur Radio innovation. In recent years, the organization has moved away from its full name, Tucson Amateur Packet Radio Corporation, and begun to identify itself solely as "TAPR." As its president David Toth, VE3GYQ, explained earlier this year, "We're not just about packet radio anymore, and we haven't been just about packet radio for some time." TAPR has broadened its scope into the entire arena of packet and digital communications. It also offers kits for experimenters.

DCC 2006 topics included progress reports on the status of the Eagle Project <<http://www.amsat.org/amsat-new/eagle/index.php>>, the next high-altitude satellite planned by AMSAT-NA, as well as developments in software-defined transceivers and APRS <<http://www.arrl.org/tis/info/HTML/aprs/>>. During the event, Kenwood displayed a new 2 meter/70 cm transceiver, which will come on the market early next year and does not yet have a model number.

TAPR has announced that Eric Ellison, AA4SW, and Scott Cowling, WA2DFI, have been elected as new members of the TAPR Board of Directors. John Koster, W9DDD, was re-elected to a new term on the Board.

QST Editor Steve Ford, WB8IMY, represented ARRL Headquarters at the conference. Other ARRL family

(Continued on page 7)

Proxy (Absentee) Ballot and List of Candidates

For year 2007 Officers and Board
Of the Bridgerland Amateur Radio Club

Voting held on Saturday November 11th, 2006 at 10:00 A.M.
On the 3rd floor in the Cache County Sheriffs Complex on
200 North and 1225 West, Logan, Utah

Important Instructions: *If you are unable to attend the above meeting and wish to vote you may mail this ballot to any club officer in time to be in their hands before the meeting time noted above, or, you may seal the ballot in an envelope and send it with someone to be handed to a club officer at the meeting. If you need help, please contact any club officer.*
You need to be a current member of BARC to vote

For President	
• Jacob Anawalt KD7YKO	
•	
For Vice President	
• Eric Larson KD7YKQ	
•	
For Secretary	
• Tammy Stevens N7YTO	
•	
For Treasurer	
• Dave Fullmer N7RRZ	
•	
For members of the board (Vote for two)	
• Tyler Griffiths N7UWX	
• Kevin Kesler KE7AAF	
• Neil Dabb KC7GCL	
•	
•	

You **MUST** get approval from a write-in candidate before submitting their name for office. Additional nominations will be accepted from the floor at the meeting, with the approval of the nominee. Ballot can be mailed to BARC P.O. Box 111 Providence Utah 84332. It must reach the post office box by November 10th. Send in your ballot or come in person.
If mailed please put your name on the mailing envelope only.

**BYLAWS
BRIDGERLAND AMATEUR RADIO CLUB, INC**

Article I – NAME

Section 1. The name of this organization shall be **THE BRIDGERLAND AMATEUR 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 ¾ 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.

(Continued from page 3)

members on hand for the 2006 TAPR/ARRL DCC included Southwestern Division Vice Director Ned Stearns, AA7A, Arizona Section Manager Tom Fagan, WB7NXH, and ARRL Honorary Vice President Fried Heyn, WA6WZO.

The ARRL Letter Vol. 25, No. 39 September 29, 2006
==>FCC LAUNCHES NEW PUBLIC SAFETY AND
HOMELAND SECURITY BUREAU

The FCC has formally launched its new Public Safety and Homeland Security Bureau (PSHSB) <<http://www.fcc.gov/pshs/>>. The PSHSB will assume some functions that had been under the umbrella of the Wireless Telecommunications Bureau (WTB), where the Amateur Radio Service will remain. WTB Public Safety and Critical Infrastructure Division Chief Michael J. Wilhelm, WS6BR, has assumed a role within the new bureau, however.

“The events of September 11, 2001, and last year’s hurricane season underscored America’s dependence on an effective national telecommunications infrastructure,” the Commission said. “The new bureau will build on the Commission’s longstanding commitment to meet the needs of public safety by promoting robust, reliable and resilient communications services in times of emergency.” Addressing interoperability issues will be a part of that process, Acting Bureau Chief Ken Moran told the Commission September 26.

The PSHSB is responsible for the combined public safety-related functions previously spread among other bureaus and offices. It will include Policy, Public Communications Outreach and Operations and Communications Systems Analysis divisions. Wilhelm will serve as deputy chief of the PSHSB’s Policy Division. The Public Communications Outreach and Operations Division will operate the FCC’s Communications Center and the High Frequency Direction Finding Center.

Some observers had speculated that Amateur Radio would be shifted to the PSHSB, thus removing it from the WTB’s market-based approach to regulation. Moving some of the WTB’s current responsibilities to the new bureau could nonetheless speed up the process of moving Amateur Radio-related proceedings through the Commission.

The FCC Order setting up the new bureau is on the FCC Web site <http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-35A1.pdf>.

The ARES E-Letter September 20, 2006
RED CROSS REQUIRING BACKGROUND CHECKS

The Red Cross said their national policy requires everyone that works in a Red Cross Shelter to have a background check on file. This includes persons that are signed up at the last minute. The Red Cross has a contract with an on-line company that performs background checks. There is a fee for each background check and the Red Cross is currently picking up the cost. The results are only sent to one local Red Cross office. The Web site is <<http://www.mybackgroundcheck.com/arcvts>> and you must select the state map and then the local chapter. After requests for clarification on this policy from ARRL HQ, Red Cross supplied this statement:
BACKGROUND CHECKS FOR AMERICAN RED CROSS

VOLUNTEERS AND EMPLOYEES In the aftermath of a huge visible disaster such as Hurricane Katrina there are several post-evaluations that occur looking at systems, procedures, protocols and overall response to determine what systems could be more efficient. Recently, the American Red Cross established a policy mandating that all volunteers undergo a criminal background check, just as their employees have done in the past. The intent of this policy is to safeguard the clients, volunteers and employees. The organization has contracted with a private company to perform these background checks and has provided a means for their volunteers to apply for the background checks without disclosing any confidential information to a Red Cross volunteer or employee. Prospective volunteers can go to a secure online website and only need to submit their full name and social security number to the contracted company. No additional information is needed. The overall results of the background check are not shared with the Red Cross. The only information provided is that a person has successfully completed the background check with no adverse information or that a person has potentially adverse information and that additional research is required. When additional research is required the contracted company will notify the prospective volunteer and will address the issue with no Red Cross intervention. Several people have indicated the desire to go to their local law enforcement agency rather than use the private contracted company. Because the American Red Cross is not a governmental agency, as required by their guidance of impartiality, it is unlawful for a law enforcement agency to share this information with the Red Cross. This requires them to use the private, contracted firm. Also, many have expressed concern about the use of their security number, however this is required to be assured that the background check is being performed on the right person. The Red Cross has gone to great lengths to make sure the prospective volunteer is not giving out their social security number to anyone other than the contracted company and then only through a secure, encrypted website. Unfortunately, in this day and age it is critical that the American Red Cross and other agencies, employers and organizations perform due diligence in researching the people who will represent them. We hope volunteers, who have provided blood, sweat and tears in helping fulfill the mission of the American Red Cross will understand the importance of performing this due diligence. Any questions regarding this program can be directed to backgroundchecks@usa.redcross.org or 1(800)507-3960.

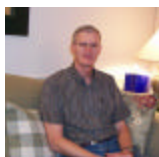
This may significantly impact Amateur Radio operators in the future. ARES membership will not allow you access to a Red Cross shelter unless you have a background check. In Orlando, Orange County, Florida, the ARES/RACES group is sponsored by the county and background checks were done through the sheriff’s department. Upon completion the members were issued county ID cards. The city and county EOCs and communication centers would not permit anyone inside the centers that did not have the county ID card. With the additional emphasis on security, this is going to be a bigger problem in the future. Homeland Security is pushing for a single national ID for government first responders.—Jerry Reimer, KK5CA, South Texas SEC.



Questions for Technician Class License

1. (T1A02) What are two of the five fundamental purposes for the amateur service in the United States?
 - A. To protect historical radio data, and help the public understand radio history
 - B. To help foreign countries improve communication and technical skills, and encourage visits from foreign hams
 - C. To modernize radio schematic drawings, and increase the pool of electrical drafting people
 - D. To increase the number of trained radio operators and electronics experts, and improve international goodwill
2. (T2A15) What term means the number of times per second that an alternating current flows back and forth?
 - A. Pulse rate
 - B. Speed
 - C. Wavelength
 - D. Frequency
3. (T4C11) What is the most important accessory to have for a hand-held radio in an emergency?
 - A. An extra antenna
 - B. A portable amplifier
 - C. Several sets of charged batteries
 - D. A microphone headset for hands-free operation
4. (T6C12) What is the major cause of telephone interference?
 - A. The telephone ringer is inadequate
 - B. Tropospheric ducting at UHF frequencies
 - C. The telephone was not equipped with interference protection when it was manufactured.
 - D. Improper location of the telephone in the home
5. (T8C07) What is one accurate way to check the calibration of your receiver's tuning dial?
 - A. Monitor the BFO frequency of a second receiver
 - B. Tune to a popular amateur net frequency
 - C. Tune to one of the frequencies of station WWV or WWVH
 - D. Tune to another amateur station and ask what frequency the operator is using
6. (T9A16) What is it called if the frequency coordinator recommends that you operate on a specific repeater frequency pair?
 - A. FCC type acceptance
 - B. FCC type approval
 - C. Frequency division multiplexing
 - D. Repeater frequency coordination

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PO BOX 111
PROVIDENCE, UT 84332**



November, 2006

Some Contents...

Presidents Message	1
Ham Profile: Roger Ellis	1
Events Calendar	2
Absentee Ballot for 2007 Club Officers	4
Bylaws of BARC Club	5-6

