



THE OHM TOWN NEWS

Voice of the Bridgerland Amateur Radio Club

NOVEMBER 2002

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

HAM PROFILE

By Boyd Humpherys W7MOY

A logical follow up on last month's bit on John Woertendyke would be a few remarks on his father and fellow ham, Howard Woertendyke, W7TY. Just a few moments into the interview and we knew how the affliction works on the following generation. Howard owns an Extra license and I suspect he may hold the record on license ownership, at least in Cache Valley. How does 67 years in Amateur Radio strike you? Come to think of it I didn't think to ask him if he ever got involved in the old standby spark gap technology. Howard sports an impressive Yaesu 920, a 20 meter dipole and some impressive involvement in digital technology.

Now you Rand McNalley experts get your atlas out and find a place in Western Kansas called Orion. We'll keep you in suspense till the end of the blurb. He graduated from HS in Colby Kansas and in that mountainous state, listened with amazement while some SWL friends tinkered with some super regen receivers, cutting edge technology in those days. The hiss and crackle did the trick, he had to find out more about this mysterious stuff. The National Guard offered some electronics classes and they must have rode



the old Schwinn bicycles many miles in learning the tricks of the trade. From this humble beginning, began a whirlwind of amazing experiences that most of us only think of.

We have to pause here to relate a neat experience while he was in HS. A freak ice storm brought down all area communications, real pandemonium set in. Well guess who

(Continued on page 2)

A few remaining pictures of LOTOJA



The top of Black Mountain



Alpine junction with Jeff McBride KC7VLZ and Dave Hancey KC7CXF



A look at the top of the tram building

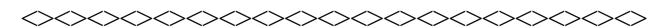


The 147.200 repeater we put up there

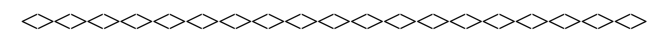
The BARC Web Site is back online!!

Tune in at <http://www.barconline.org>

There is info about the club, signing up, VE tests, etc. There is a page for pictures from activities to be posted. There will be copies of the Ohm Town News from past months that you can look up if you can't find yours or didn't get one. If you have suggestions, information about, or for, the Web Page please get in touch with one of the Web Page editors.



For sale: 2M hand held Kenwood TH27-A. Asking \$125.00 but will consider other offers. Please contact Kevin R. Humphreys (KB7RAQ) at 512-5414 or at home 245-2953.



Answers to questions on page 8:

1-B, 2-C, 3-B, 4-C, 5-A, 6-B, 7-A

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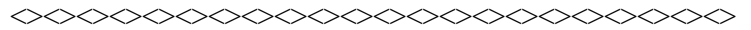
(Ham Profile continued from page 1)

was prepared, he was excused from classes to go home and fire up the rig, where all the local gendarmes, RR, and other agencies, now out of communications, camped on his doorstep to get his help in keeping down civil unrest, finding out what was going on, and other good info.

A stint with the railroad as a telegrapher brought his brass pounding skill up to 35-40 WPM. That without the help of an electronic key to boot. Somewhere in the race he served with the Merchant Marine and tells some hairy tales of the WW2 runs to Murmansk, convoys to Ark Angel, and getting frozen up tight in the arctic ice and being rescued by a Russian ice breaker, the "Joseph Stalin". Now match that you old timers. Similar voyages to Vietnam, South Korea during the tense situations kept things on the alert. Now all you fellows driving the gas & oil hogs on the highways have him to thank for numerous tanker runs from Valdez, to the Panama Canal and re shipment on to the Gulf States refineries. Call him up now and offer him your thanks, he would appreciate it. He mentioned that it took 1 barrel of fuel to move one of those big tankers its own length. My rusty old K & E slide rule calculates that at somewhere around 484 gallons per mile. Now you feel better already eh?

He received a masters in Education at USU, taught here and there around the country plus moving the family to New Zealand where he taught electronics. He also mentioned he often used to work the UK on 80 meters from down under, in the afternoons with S 9 plus signals. That takes some doing. Answer to the puzzle --Orion no longer exists, one Post Office and one store.

His bride Alice Beery managed to learn the dits and dahs, still copies the stuff. They have three children, David, Ruth, & John, N7ESP. They spend the winters in Florida or Ariz, and other terrible warm and comfortable places. Call him an old salt, OM, old-timer, or whatever, Howard & Ruth have wrested some interesting experiences out of this old life.



October BARC Club Meeting

Captain Bob Degasser from the county law enforcement came to our club meeting. He talked about the current status of emergence preparations in the county and his position, and how he fits in to the program. He feels the odds are against a catastrophe as a result of an earthquake, but there are many other possibilities to look out for, including among others, the loss of the single power line into the valley, ice and wind storms, and we are long overdue for some major snow storms. He wants people to have up to date 72 hour kits and is looking to BARC as a resource for not only communications but also to aid in training people in the valley.



Proxy (Absentee) Ballot and List of Candidates

For year 2003 Officers and Board
of the Bridgerland Amateur Radio Club

Voting held on Thursday, November 14th, 2002
Hyde Park City Center beginning at 7:30 PM

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 (Vote for one)

• Rik Stallings N7XZ

• ----- -----

*Write In _____

For Treasurer (Vote for one)

• Dave Fullmer N7RRZ

• ----- -----

*Write In _____

Note: 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.

For Board Members (Vote for **THREE**)

• Kris Kallin KD7NHB

• Dave Hancey KC7CXF

• ----- -----

• ----- -----

• ----- -----

• ----- -----

*Write In _____

For Vice-president (Vote for one)

• Ted McArther AC7II

• Julie Dabb KC7RPP

*Write In _____

For Secretary (Vote for one)

• Kevin Reeve N7RXE

• ----- -----

*Write In _____

***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.**



**==>"GOOD AMATEUR PRACTICE"
MEANS NEVER HAVING TO SAY
YOU'RE SORRY**

FCC Special Counsel Riley Hollingsworth has endorsed a list of several points that he feels help to define the concept of "good amateur practice." Section 97.101(a) of the Amateur Radio Service rules refers to "good engineering and good amateur practice"—considered to refer to maintaining the highest standards of engineering and on-the-air comportment. But the rule lacks specifics. "Good amateur practice is a hard thing to define," Hollingsworth conceded. "I'd have to say it's operating with the realization that frequencies are shared, that there's going to be occasional interference and that's no reason to become hateful and paranoid." Hollingsworth says amateurs have to realize that more people than ever are listening in, especially since September 11, 2001, and that amateurs always need to remember that "our rights end where another person's begin." A Michigan Amateur Radio club has been credited with distributing a list of "Riley-isms" culled from Hollingsworth's various talks at conventions and hamfests and club meetings around the US. Hollingsworth—who verified that he had been cited accurately—says his various comments represent an effort to flesh out what "good amateur practice" consists of for considerate the Amateur Radio operator. According to Hollingsworth, good amateur practice means:

- giving a little ground—even if you have a right not to—in order to help preserve Amateur Radio and not cause it to get a bad name or hasten the day when it becomes obsolete.
- respecting band plans, because they make it possible for every mode to have a chance.
- being aware that we all love Amateur Radio, and there's no need to damage or disgrace it just to save face.
- keeping personal conflicts off the air. Settle your arguments on the telephone, the Internet or in person. Just keep them off the air.
- cutting a net or a contest a break, even if you don't have to and even if you have no interest whatsoever in nets or contesting.
- realizing that every right carries responsibilities, and just because you may have a right to do certain things doesn't mean it's right to do them in every circumstance.
- you don't "own" or get preference to use any frequency.
- not operating so that whoever hears you becomes sorry they ever got into (or tuned in on) Amateur Ra-

dio in the first place.

Hollingsworth notes that the list "doesn't touch on a lot of other technical issues, such as using 1500 W when your signal report received is 40 over 9." Good amateur practice, he said, "just means a lot of things that can't always be quantified."—thanks to Riley Hollingsworth.

**==>SPECIAL EVENT TO MARK PANAMA
CENTENARY**

The Radio Club of Panama will operate a special event station, HP100RCP, during the month of November to commemorate the 100th anniversary of the Republic of Panama. A commemorative certificate is available to stations working the special event station and confirming the contact with a QSL and two International Reply Coupons (IRCs) or \$1 US. QSL to Radio Club de Panama, PO BOX 10745, Panama 4, PANAMA. HP100RCP will operate in all bands and all modes including PSK31.—Radio Club de Panama

**==>ARRL REAFFIRMS CLOSE TIES WITH
THE AMERICAN RED CROSS**

The ARRL and the American Red Cross have renewed and updated the Statement of Understanding (SoU) between the two organizations, last visited in 1994. Formal cooperative arrangements between the ARRL and the American Red Cross date back to before World War II. "Both ARRL volunteers and American Red Cross workers will work cooperatively at the scene of a disaster and in the disaster recovery, within the scope of their respective roles and duties," the agreement provides. ARRL President Jim Haynie, W5JBP, said no significant changes resulted from the consultations leading up to the new SoU, and the updated document reaffirms the spirit of cooperation that has existed all along between the two organizations. "In the wake of 9/11 and all the wonderful work that was done in New York City and Washington, DC," Haynie said, "this agreement has rekindled our enthusiasm." Amateur Radio Emergency Service and Red Cross volunteers worked side-by-side following the September 11, 2001, terrorist attacks. In the document, the ARRL recognizes the American Red Cross as "having primary responsibility for responding to domestic disasters" and expresses the League's desire "to maintain a harmonious and cooperative relationship" with the ARC in providing emergency communication services to communities affected by disasters. Among other things, the SoU calls for "close liaison" between the American Red Cross (ARC) and the ARRL and for each organization to "share current data" regarding disasters and disaster declarations. If amateurs are re-

(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 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.

VE Test Session

Coming up at 8:00 a.m. on 14 December 2002

At Campbell Scientific Inc.

815 West 1800 North

Logan, Utah

For info Contact Clyde Best AA7KN at 563-9492. The Cost is \$10.00. VE Test sessions are your opportunity to become a ham, or upgrade your current license. Exam sessions are held in Logan every few months. Other sessions are held throughout the state. It is possible to find a test session every month somewhere in the Northern part of the state. Those seeking a ham license should bring two forms of ID, one of which must be a picture ID. Those seeking an upgrade to a current Amateur should bring a copy of their current license, any CSCE, and a picture ID. Calculators are allowed. Calculator memories must be cleared before use. Decisions of the VEC is final.



(Continued from page 4)

quired to carry ARC identification while supporting the Red Cross during a disaster, the ARC is to provide operators' names if ARRL requests them. With some exceptions under the SoU, amateurs would at all times be considered ARRL volunteers. In addition, the SoU says, amateur licensees supporting the ARC "shall at all times exercise sole and exclusive control over the operation of their radio stations. Such control cannot be surrendered or delegated, in accordance with federal law." The new agreement also characterizes the ARRL Amateur Radio emergency communications courses <<http://www.arrl.org/cce/>> as a mutually beneficial training program. "Volunteers holding valid ARRL Emergency Communications Certification credentials will be recognized for this knowledge," the SoU stipulates. The newest SoU will remain in force for the next five years, although one provision calls for representatives of American Red Cross Disaster Services and ARRL to "jointly evaluate" progress in implementing the SoU and to "revise and develop new plans or goals as appropriate" annually. It was ratified in September by Haynie and ARC Disaster Services Executive Vice President John McDivitt. In a letter marking the first anniversary of the September 11, 2001, terrorist attacks, the ARC's Jay Ferron, N4GAA, wrote Haynie to express appreciation for Amateur Radio's support for Red Cross activities over the years. An ARC disaster telecommunications partner, Ferron helped coordinate ARES and Red Cross activities at

the World Trade Center. According to Ferron, the American Red Cross encourages municipalities and homeowners' associations to employ regulations that will not impinge on the needs of Amateur Radio operators. "In emergencies, the American Red Cross and the people we serve need what radio amateurs provide—effective communications through existing equipment and antenna systems," he concluded. A copy of the September 2002 Statement of Understanding between the American Red Cross and the ARRL is available on the ARRL Web site <<http://www.arrl.org/FandES/field/mou/redcro.html>>.

==>TALK BY HIRAM PERCY MAXIM'S GRANDSON ENTHRALLS HAMS

Hiram Percy Maxim II held members of Connecticut's Newington Amateur Radio League (NARL) spellbound October 7 with tales of his famous grandfather, Hiram Percy Maxim, 1AW, also known as HPM. As most ARRL members know, Hiram Percy Maxim co-founded the ARRL in 1914 with Clarence Tuska, and he became its first president. "HPM II"—who bears a strong resemblance to his grandfather—was around a year old when the elder Maxim—who often referred to himself in QST as "The Old Man" or simply "TOM"—passed away in 1936. "What he knows of our founder was gleaned from family stories and the films and writings that were passed down to him," said Joe Bottiglieri, AA1GW, an ARRL staffer and a NARL member who attended the talk. HPM was an amateur film buff, and a highlight of his grandson's presentation was a short 16-mm film that showed the elder Maxim and some of his friends working, relaxing and frolicking on the grounds of the family's summer home in Lyme, Connecticut, where HPM II now lives. "No evidence of radio activity appeared on that clip," Bottiglieri said, "but 'The Old Man' comes across as a real cutup!" The elder Maxim also founded another "League"—the Amateur Cinema League—in 1926. Not a ham, HPM II says he doesn't feel he shares the inventive talents of his grandfather and great-grandfather, who held many patents between them. HPM II told the club audience that his grandfather took on radio and filmmaking as diversions from inventing—an endeavor he considered extremely hard work. He also thought of Amateur Radio as a means to "bring together" individuals from distant locations and believed that communication was a key to better understanding other people and cultures. Filmmaking was an extension of that same philosophy, HPM II said. His grandfather's interest in astronomy—he was fascinated by the planet Mars—was born of similar motivations, and he died while on his way to visit Lowell Observatory in Arizona.

Questions for Technician Class License

1. (T1A01) Who makes and enforces the rules and regulations of the amateur service in the US?
 - A. The Congress of the United States
 - B. The Federal Communications Commission (FCC)
 - C. The Volunteer Examiner Coordinators (VECs)
 - D. The Federal Bureau of Investigation (FBI)
2. (T1B04) What are the frequency limits of the 70-centimeter band in ITU Region 2?
 - A. 430.0 - 440.0 MHz
 - B. 430.0 - 450.0 MHz
 - C. 420.0 - 450.0 MHz
 - D. 432.0 - 435.0 MHz
3. (T1E03) What is a "third party" in amateur communications?
 - A. An amateur station that breaks in to talk
 - B. A person who is sent a message by amateur communications other than a control operator who handles the message
 - C. A shortwave listener who monitors amateur communications
 - D. An unlicensed control operator
4. (T1G08) If an amateur transmits to test access to a repeater without giving any station identification, what type of communication is this called?
 - A. A test emission; no identification is required
 - B. An illegal unmodulated transmission
 - C. An illegal unidentified transmission
 - D. A non-communication; no voice is transmitted
5. (T2A09) What is the meaning of the procedural signal "DE"?
 - A. "From" or "this is," as in "W0AIH DE KA9FOX"
 - B. "Directional Emissions" from your antenna
 - C. "Received all correctly"
 - D. "Calling any station"
6. (T3B10) When is it necessary to use a higher transmitter power level when conducting satellite communications?
 - A. When the satellite is at its perigee
 - B. When the satellite is low to the horizon
 - C. When the satellite is fully illuminated by the sun
 - D. When the satellite is near directly overhead
7. (T5A09) What are four good electrical insulators?
 - A. Glass, air, plastic, porcelain
 - B. Glass, wood, copper, porcelain
 - C. Paper, glass, air, aluminum
 - D. Plastic, rubber, wood, carbon

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PROVIDENCE, UT 84332**

November, 2002

Some Contents...

Ham Profile: John Woertendyke	1
Club Officers.....	2
Elections Proxy Ballot	3
ARRL news info	4,7
BARC BYLAWS	5,6

