



THE OHM TOWN NEWS

Voice of the Bridgerland Amateur Radio Club

October 2003

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

HAM PROFILE

by Boyd Humpherys W7MOY

The state of Wyoming does have a few Hams, however the prevailing wind seems to carry a goodly number Eastwards into Nebraska and points beyond. One good member of the fraternity must have had what it takes to buck the wind and wind up in Utah. Josh Webber KB7LUS, was born in Rock Springs at an early age, and graduated from Rock Springs High in 95. All had safety ropes.

Josh sports a Kenwood TH22 HT and another Yaesu dual bander for mobile, although negotiations are under way at the moment with the company supervisor on the concept of installing it in the family Rolls Royce.

Josh and frau and female harmonic live in a suburb condo complex on the west side of Logan that has some rather strict requirements as to what one can put on the roof, on the lawn, out the window, on a balcony, or wherever. Does that sound familiar? An immediate conversation was launched into various means that have been used successfully in getting around this type of thing. An insulated flagpole/antenna has been used in quite a few places, however one had to exhibit an extraordinary display of respect of the flag, hand over the heart type of thing, etc. to calm the waters. Next a shunt fed metallic fishing pole jutting out from a balcony or window might not attract undue attention, at least until someone wanted some fish for dinner. Don't be surprised if we hear him on the air with a KB7LUS/temporary obscure call.

Josh attributes his interest in Ham radio to his father Brent, KB7BEN also in Rock Springs. Now that's the right way to bring up the kids. (Start early, help them with the



PRESIDENTS'S MESSAGE

Another summer has passed us by, and I would like to take the opportunity to thank everyone who took the time to help us with all of the activities we support every summer. It seems like our lives continually get busier and more hectic every year, yet people always find time to volunteer. The races were very successful. We met some new hams, got to know some old ones a little better, and I'm pretty sure we all learned a few things.

Every month as I browse through the latest issue of *QST* I am constantly discouraged by the ever-present threats to our spectrum and to our hobby. The current bad-guy is BPL (broadband over power line). If you haven't heard of this latest threat to the spectrum, I encourage you to educate yourself on this issue. Of particular interest is a short video put together by the ARRL lab which demonstrates the catastrophic effects of BPL on virtually the entire HF band. Especially disheartening is the fact that while the opponents of BPL include the ARRL, a few government entities, and a few companies with an interest in HF communications, the proponents of this technology include many large telecom companies and utilities with very deep pockets. I am constantly dismayed to see the continuous line of "great new ideas" being pushed by folks with lots of money with the promise that they could change the world... if only they could get rid of those pesky hams.

The only way we will win this fight, and all those that are sure to follow, is to make sure that people see us as relevant and useful. If people's idea of ham radio is some old codger banging away on a straight key, then we could be in trouble. That's why our support of events like LOTOJA, Top of Utah, as well as all the disaster aid hams provide nationwide are so important. The public needs to see us as good neighbors with something valuable to offer. Everyone can help by participating in events, and talking about them to your friends. I know mine are sick of hearing about them. I told them I'd stop when they all got their tickets! We all need to work now to protect our spectrum... so that when we're old codgers we'll still be able to bang away with our straight keys.



Thanks and 73
N7XZ

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Silent Key

Excerpts from The Herald Journal - Friday, 26 Sep 2003

Clyde Addison Best Jr. returned home to his Heavenly Father earlier this week. He was born to Clyde A. Best Sr. and Esther Smith on Nov. 21, 1959, in San Diego, Calif. Clyde graduated as valedictorian from Superior High School, where he met his high school sweetheart, Paula Merseal. They were married on Jan. 12, 1980, in Superior, Mont. They were later sealed for time and all eternity in the Logan LDS Temple. He graduated from the University of Idaho with honors and a degree in electrical engineering. He was commissioned an officer in the Navy and served for seven years. Clyde and Paula moved in Cache Valley in 1988, and they have resided in Smithfield since then.

Clyde worked at Campbell Scientific for the last 10 years and has many "family" members there who will miss him dearly. Clyde loved his work, and made time for everyone even when the work day was not long enough. Many customers throughout the world personally requested his assistance. Clyde was a board member of BARC Ham Radio Club, where he administered testing and assisted those on the net. Clyde will be a "silent key" whose traffic was always appreciated.



Clyde and his family are members of the LDS Church, in which Clyde had many callings, with his favorite being missionary work and attending the temple. Clyde's own mission will now be never-ending.

Clyde is survived by his soulmate and wife, Paula. They have celebrated 23 1/2 years as husband and wife. Clyde and Paula are the parents of five beautiful children who were the constant light and ray of hope. They are Lance Corporal Scott Addison, MCAS Futenma, Okinawa, Japan; Nathan Tanner, Logan; and Bryan Edward, Natalie Marie and Emily Joann, all of Smithfield. Clyde and Paula "adopted" many of their children's friends and cousins into their home, where laughter and joy were constant. Their "adopted" children included Tyson, Megan, Darrell and Mariah, along with many others.

Clyde's family would like to thank friends, co-workers and neighbors for the never-ending words of encouragement, love and support, with a special thanks to Campbell Scientific and Boyd Bringhurst, BARC Ham Radio Club and Beanie Lofthouse, Smithfield 14th Ward, Dixie Bassett and Sandy Grossman.

Funeral services were held at 2 p.m. Saturday, Sept. 27 in Smithfield, and interment was in the Smithfield City Cemetery.

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Clyde will be missed among the ranks of BARC. He was also part of the local VE group and helped coordinate many test sessions held at Campbell Scientific.  
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Apologies from the editor, the printed edition of the newsletter from last month had the answers to the questions omitted. For the September Edition the answers were: 1-B, 2-D, 3-B, 4-D, 5-C, 6-C

Answers to Questions on Page 6 (October Edition)
1-D, 2-D, 3-B, 4-B, 5-A, 6-A

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exam, buy them an HT, then a car, then a mobile, etc.)

Josh also served a mission 96,97, for his faith in Atlanta, GA, assisted with some emergency work during storms, got a taste for volunteer work & food.

He met his future spouse Lynn Rasmussen at the College Institute in Rock Springs. She was born in Ogden, later on a drive, getting caught in the Westerly wind, couldn't get the thing stopped till Lyman, WY, where they stayed and she was brought up. They both attended Rock Springs community college, incidentally she has an associate degree in accounting. She likes to read, sew, play the flute and piano. They watched the weather forecasts and when a storm front came through from the North, the wind changed directions and they escaped to the West, and decided to get married in the Bountiful temple in 99. One harmonic, Chelsie, age 3.

Josh claims he's the outdoor type, however he hastened to mention that included some of his hobbies and not getting locked out of the house.

Lynn indicated she thought Ham Radio was cool, being able to communicate with others hither and yon. (Lynn, you could do that in the family jalopy with a little imagination, such as a trailing bng wire) Both a great addition to our bunch.

OO

**The ARRL Letter Vol. 22, No. 36 September 12, 2003
==>PRESIDENT HAYNIE ADDRESSES
SEPTEMBER 11 ANNIVERSARY NET**

On the second anniversary of the September 11, 2001, terror attacks, ARRL President Jim Haynie, W5JBP, joined Amateur Radio operators across the US and around the world in pausing to remember those who died that day. Haynie was among the more than 1400 amateurs checking into the 911 Commemorative Net <<http://www.911net.org/>> organized by Len Signoretti, N2LEN. The net linked repeaters across the country—many via the Internet—and included opportunities to check in via EchoLink, IRLP and eQSO nodes. In his remarks, Haynie addressed Amateur Radio's obligations in the aftermath of the terror attacks two years ago. "One of the reasons we have a license and the privileges we have here in the United States is to provide a voluntary, noncommercial communication service particularly with respect to providing emergency communications," Haynie said. "Since 9/11, our government at the federal, state and local levels have a new respect for the ability of Amateur Radio operators to do just that: Provide communications when all others have failed." Citing the late President John F. Kennedy's call, "Ask not what your country can do for you, but what you can do for your country," Haynie said hams can do a lot for their country. "We can be vigilant, we can be trained and we can be ready!" he declared. "This is a task that we can do, and you can do it well." Haynie expressed his appreciation for those who volunteered in the aftermath of the September 11, 2001, terror attacks and for those amateurs who continue to assist in disasters and emergencies. Seven Amateur Radio operators died in the World Trade Center and Pentagon disasters: Steven A. "Steve" Jacobson, N2SJ; William V. "Bill" Steck-

man, WA2ACW; Michael G. Jacobs, AA1GO; Robert D. "Bob" Cirri Sr, KA2OTD; William R. "Bill" Ruth, W3HRD; Gerard J. "Rod" Coppola, KA2KET; and Winston A. Grant, KA2DRF. During this week's memorial activities, The Salvation Army set up canteen operations at three New York City locations on September 11 to serve those attending. The Salvation Army Team Emergency Radio Network (SATERN) supported necessary communication on Amateur Radio VHF simplex.



**The ARRL Letter Vol. 22, No. 38 September 26, 2003
==>RED CROSS UNIT COMPLIMENTS AMATEUR
RADIO ASSISTANCE DURING ISABEL**

Amateur Radio assistance in the Hurricane Isabel relief and recovery stage has continued this week in the Southeast. Ham radio's role has drawn compliments from the American Red Cross of Central Maryland, which praised the amateurs' dedication. "I want to thank the Amateur Radio Emergency Service (ARES) and the amateur radio community for coming out and supporting the American Red Cross over the critical 72 hours when Hurricane Isabel passed over Maryland," said Frank M. Eilbacher, KCOEKL, a Red Cross disaster communications lead. "We recognize you took time away from your families and, for some of you, your own personal disasters to support us." During the storm's peak on September 18, Eilbacher said, electrical power and telecommunication problems abounded, but ham radio operators "filled the gap providing a crucial communication link between Red Cross chapters and shelter locations." Amateurs in the storm-struck region staffed state and county emergency operating centers and shelters, as well as the Maryland/Delaware American Red Cross Hurricane Watch Center. The Salvation Army also has responded to affected areas including North Carolina, where Hurricane Isabel came ashore September 18. Salvation Army Team Emergency Radio Network (SATERN) volunteer Carlos Varon, K2LCV, from Flushing, New York, this week accompanied two Salvation Army canteen units from New York City to Morehead City, encountering heavy rain and wind on the way. Varon, who took along his "orange box" portable ham station, reports the Salvation Army has been operating up to a half dozen field canteens. Carteret County Emergency Coordinator Rich Wright, KR4NU, and his ARES team have been supporting the SATERN operation. Operators were deployed this week to provide communication between the canteens and the local command post. Plans call for expanding the operation to shadows some Salvation Army officers. Varon has been working out of a Salvation Army warehouse facility, expediting the deployment of necessities bound for storm victims. The Salvation Army is providing relief to affected residents and emergency response workers in North Carolina, Washington, DC, and Baltimore, Maryland, as well as in smaller communities. Earlier this week, ARRL North Carolina Section Manager John Covington, W4CC, reported that some ARES teams were providing communication support for localities—most in the hard-hit northeastern portion of the state—that still lacked power and

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telephone service. Covington said hams established point-to-point communication between shelters and emergency operations centers in affected counties. In one community, hams helped a fire dispatch center that lost its antennas in the storm. In keeping with the Boy Scout motto, "Be prepared," Venturing Crew 80 of Alexandria—in Northern Virginia just outside Washington, DC—responded to requests for assistance from the Alexandria EOC and Fairfax ARES as Hurricane Isabel approached. The crew specializes in emergency communication and first aid and counts several ARES members among its membership and leadership. Some of the scouts remained on duty for several days. Venture Crew members helped support communication at the Alexandria and Fairfax EOCs, at the Alexandria American Red Cross chapter house and at Red Cross shelters in both communities. While distributing bulk bottled water to homes lacking running water, crew volunteers got to meet Virginia Gov Mark Warner, who was visiting a shelter to thank vol-

unteers. Members of the Mount Vernon Amateur Radio Club and the Alexandria Radio Club also provided communications support to Alexandria and Fairfax operations. Repeaters operated by both clubs were used during the emergency response. "Things are still messy down here, and some of us are still recovering," said Bill Stewart, W2BSA, a Venture Crew 80 chartered organization representative and committee member. "Most of Northern Virginia has power. The biggest problem we have had is flooding." Power has begun returning to the half-million or so residents who still had none at the new week began. ARRL Virginia Section Emergency Coordinator Tom Gregory, N4NW, reports commercial power finally returned to his home September 24. He'd spent 141 hours running his home from an emergency back-up generator. Gregory, who lives in Stafford County, lost power September 18. This week he strongly advised amateurs involved in public service communication to have a supply of emergency power available for such situations, so they can remain on the air.

Summer Activities Were a Great Success This Year

BARC summer social

Cache Cruise In

LOTOJA

Field Day

Top Of Utah Marathon

Etc. Etc....



A few glimpses at some of the activities of the summer



Typical scenes following the bicycles in LOTOJA



Views from the top of the world - well, almost



Runners in the Marathon

Top of Utah Marathon was a big event this year!



The best sight of all –
The FINISH LINE !!!!

Questions for Technician Class License

1. (T1D03) What is your responsibility as a station licensee?
 - A. You must allow another amateur to operate your station upon request
 - B. You must be present whenever the station is operated
 - C. You must notify the FCC if another amateur acts as the control operator
 - D. You are responsible for the proper operation of the station in accordance with the FCC rules
2. (T1I11) Under what conditions may a Technician class operator use his or her station to broadcast information intended for reception by the general public?
 - A. Never, broadcasting is a privilege reserved for Extra and General class operators only
 - B. Only when operating in the FM Broadcast band (88.1 to 107.9 MHz)
 - C. Only when operating in the AM Broadcast band (530 to 1700 kHz)
 - D. Never, broadcasts intended for reception by the general public are not permitted in the Amateur Service
3. (T3A03) How do VHF and UHF radio waves usually travel from a transmitting antenna to a receiving antenna?
 - A. They bend through the ionosphere
 - B. They go in a straight line
 - C. They wander in any direction
 - D. They move in a circle going either east or west from the transmitter
4. (T4C09) If a directional RF wattmeter reads 90 watts forward power and 10 watts reflected power, what is the actual transmitter output power?
 - A. 10 watts
 - B. 80 watts
 - C. 90 watts
 - D. 100 watts
5. (T6B09) As an iron core is inserted in a coil, what happens to the coil's inductance?
 - A. It increases
 - B. It decreases
 - C. It stays the same
 - D. It disappears
6. (T0A06) Why should you never look into the open end of a microwave feed horn antenna while the transmitter is operating?
 - A. You may be exposing your eyes to more than the maximum permissible exposure of RF radiation
 - B. You may be exposing your eyes to more than the maximum permissible exposure level of infrared radiation
 - C. You may be exposing your eyes to more than the maximum permissible exposure level of ultraviolet radiation
 - D. All of these choices are correct

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