



THE OHM TOWN NEWS

Voice of the Bridgerland Amateur Radio Club

DECEMBER 2002

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

PRESIDENTS MESSAGE



I'm looking forward to our club Christmas party this year! We have quite a few prizes purchased and other fun activities planned. Thanks to Beanie and Sheri for making the arrangements this year! The party will be held at Ruby Tuesday on December 12th at 6:30 p.m. There are only 60 seats available and you must pre-purchase your ticket. There should be a form included in the news letter.

After two years in a row as president and one previous I have mixed feelings about stepping down as president of our club. But I feel I leave it in very capable hands! And it will be good to have some new blood leading our club. I guess in reality I will still be on the board for a year and I do look forward to that.

Our membership has been great to work for and I have really enjoyed being president. If anything I feel it has made me a better person, and makes me realize that I enjoy serving my fellow man. I have enjoyed working with the entire event committees like LOTOJA, the Top of Utah Marathon, VEC and all other events we participate in. Our lives seem to be getting busier and busier and it is harder and harder to make time to participate in all the events that ham radio has to offer. But please help out our club and make a commitment to help with at least one event in the coming year. That has been my biggest frustration as president, getting people to participate in events. These events are one way of training for our role in emergency communications.

Being ARES Emergency coordinator for our county has been hard to keep up with while also being president of BARC. Now I will have more time to put toward this effort and hope I can get lots of support from our ham community in my efforts for Emergency

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HAM PROFILE

by Boyd Humpherys W7MOY

Typically those individuals who find themselves cornered in the December Ham Profiles must pass a rather rigid screening procedure which involves emitting ones best rendition of "HO HO HO", or "BAH HUMBUG". It was rather close, however the vibrant tenor version of the traditional HO HO HO of Travis Bodily, KC7BEL, did the trick and the enclosed account, will probably result in some sort of legal action.

Travis was born and raised in West Jordan, Utah at a very early age, attended all the schools he could find there, graduating from West Jordan High school. He has held a tech ticket since 94, picking it up in SLC. He was a member of our fellow Ham's institution down there by the name of UARC. He did admit the pronunciation of BARC came out a little smoother. He did have a little family influence in getting involved, his Grandfather, KB7VHX residing in SLC, and a brother KC7FHA is now in Pittsburgh. His gear at present consists of a Yaesu HT which he also uses in the family people mover. He served a mission for his faith in Nicaragua in 98-00, where he improved on his Espanol as well as dodging ash and other junk from a nearby volcano. We haven't had one of those things in Utah, come to think of it, none of the emergency drills we have gotten involved in, even mention that possibility. Get ready guys, Mt. Logan could blow one of these days, and take out the repeater as well. They also got smacked with Hurricane Mitch, we've not had



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New Club Officers and Board Elected for 2003

Members of the Bridgerland Amateur Radio Club Elected new Club Members at the Club meeting held on November 14th. Newly elected officers will start their term of service on January 1st. They will meet with outgoing officers in December to learn their duties and plan out the year. They will also meet to work on the budget for the coming year. The new officers are:

President: Rik Stallings N7XZ
Vice-President: Ted McArthur AC7II
Secretary: Kevin Reeve N7RXE
Treasurer: Dave Fullmer N7RRZ
Board members:
Dave Fornefeld KC7UYJ Dave Hancey KC7CXF
Tyler Griffiths N7UWX (past president)



(Presidents Message continued from page 1)
Communications.

One thing that I am going to do as one of my last acts as president is put an end to the questions on whether the new repeater being built on Segwick Peak is part of the club or not. It is! The club majority voted to accept this new repeater as part of our club repeater system years ago, but because of the influences of some individuals in our club it was tabled time and time again. But why? It was voted on and accepted by the club members! Guess I don't have all the answers to "why" but I am making an executive decision that it now will be part of our system!

So far this repeater has been financed entirely by private donations and there is a good chance that it will in the future. But with it part of the BARC system club funds can also be used if needed. There were many individuals that made donations to the cause thinking it would be part of the BARC repeater system and their donations could be used tax-wise as "A Donation". Guess they can now! At least it can be talked about in club meeting and board meeting without the board feeling guilty because they felt like it was not official club business.

I don't know if this will be a popular decision or not but I hope the membership will be with me on this.

So with that I say thanks for the memories. I have really had a blast being your president! And good luck to next year's board.

See you at the Christmas party.

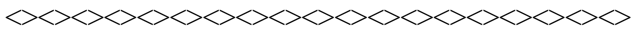
73 de Tyler N7UWX

(Ham Profile continued from page 1)

that kind of stuff here either. Now when you get a combination of the two, torrential rains soaking the mountain sides of volcanic ash, the result is a series of big mud slides and that's what they spent a month or so doing, cleaning up the goo and pulling people out of their collapsed shacks. There were upwards of 1,000 buried in the disaster.

Travis is majoring in Mechanical Eng. at USU, will graduate come next May. While fiddling around with stress tests on a toothpick bridge model, he just happened to notice a lass by the name of Michelle Pulley, who hailed from Layton. Even though she wasn't necessarily interested in toothpicks except during a visit to Tony Romas, they figured their association dealt with some interesting mechanics. Thus they have had the pleasure of filling out joint IRS forms for the last year and a half. Michelle is majoring in Sec. Ed, PE, and a few other things that will come in handy when she dons the black square flat top thing about a year from now.

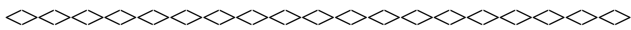
Incidentally their meeting was a result of some collusion, his room mate dated her room mate. As a result, the two Bodilys' are fighting the battle of Old Main Hill together. They both like the out of doors, both scuba dive, not only in the canal at the base of Old Main, but how about over at Belmont Hot Springs. It's warm, a couple of spots about 25' deep and if you open your mouth, you might just snare a couple of guppies. Michelle didn't know much about Ham Radio, but she's willing to learn, "Good on Ya".



BARC Christmas Party
December 12 at 6:30 p.m.
At Ruby Tuesday

The famous annual BARC Christmas part is about to take place. Come and join in the fun and prizes. (Only 60 tickets available, so sign up quick!) There is a choice of 3 menu's, Half Rack Baby Back Ribs, New Orleans Seasoned White Fish Fillet, or Church Street Chicken. Tickets must be ordered prior to party, see the insert in this newsletter or write to:

BARC
P.O. Box 111
Providence, Utah 84332



Answers to questions on page 7:
1-C, 2-C, 3-C, 4-B, 5-B, 6-B

The ARRL Letter

Vol. 21, No. 43

November 1, 2002

**==>TEXAS AMATEURS VOLUNTEER AS
TORNADO STRIKES CORPUS CHRISTI**



Amateur Radio Emergency Service (ARES) volunteers activated October 24 as a tornado struck Corpus Christi, Texas. One person died after a wall at the library of Del Mar College collapsed. The twister also caused perhaps two dozen other injuries as well as considerable property damage. ARRL South Texas Section Manager Ray Taylor, N5NAV, said the Texas Department of Public Safety was unable to get helicopters in to rescue stranded people due to the storm's turbulence. Gov Rick Perry declared a state of disaster for Corpus Christi and Nueces County. The American Red Cross, The Salvation Army and the Texas Men's Baptist Kitchen were among the responding organizations. According to the Texas Division of Emergency Management, feeding and shelter operations continue in the impacted areas. SKYWARN volunteers and South Texas Amateur Repeater Club weather station N5CCW were activated in advance of the severe weather that hit Corpus Christi. ARRL South Texas District Emergency Coordinator Robert Lobaugh, W5JYJ, said rainwater runoff depth ranged from 18 inches to several feet, depending upon the location. He reported downed power lines and roads blocked by debris and water. ARES teams and individual amateurs assisted as needed, Taylor said. The tornado swept through about three miles from the shop of Mark Mireles, AD5CA. "It was impressive," Mireles said of the tornado damage. "People here are not used to that type of thing." Mireles said the Corpus Christi emergency operations center was activated, and amateurs staffed the radio room from noon until 10 PM October 25 and from 8 AM until shortly before noon October 26. Anticipated severe weather from Hurricane Kenna failed to materialize, so emergency volunteers were able to stand down. "We have been well-received by all the city officials, from the city manager to the police chief," Mireles said, "and I almost have the EMS director talked into becoming a ham." Amateurs made use of a networked repeater system to facilitate communication. The Corpus Christi tornado was the most severe weather problem for the Lone Star State in a week that had included heavy rains and flooding elsewhere. According to Lobaugh, San Patricio County, some 30 miles north of Corpus Christi, suffered storm damage October 23. Roads were closed due to high water, and utility poles were downed. Power has since been restored, he said. Taylor said wet weather earlier in the week caused some residents in Seguin and Gonzales near the Guadalupe River to be evacuated. "The people in New Braunfels

along the same river had to leave while they were in process of rebuilding from storm damage earlier this year," he added. By the end of the week, the remnants of Hurricane Kenna exacerbated the situation in some areas after the storm dumped additional precipitation that led to more flooding in Pearland and possibly elsewhere. Weather problems continued this week as tornado and thunderstorm watches were in effect for more than a dozen Texas counties. Taylor reports that another tornado October 29 in the Beaumont area caused one death by drowning and did some damage. The Hurricane Watch Net conducted an abbreviated session October 25 to disseminate Hurricane Kenna advisories. The eastern Pacific storm, once a treacherous Category 5 hurricane, moved across Mexico toward southern Texas. Well-known Cuban amateur and International Amateur Radio Union Region 2 Area C Emergency Coordinator Arnie Coro, CO2KK, said Cuban amateurs monitored the Mexican emergency net on 7065 kHz during the storm.

==>ARRL RESURRECTS FREQUENCY MEASURING TEST

The Frequency Measuring Test (FMT)--an ARRL staple for nearly 50 years—will return in early November. A FMT transmission will replace the W1AW SSB bulletin on November 7, 0245 UTC (Wednesday, November 6, in US time zones). The resurrected FMT will kick off a series of measuring tests. "These tests will exercise the capabilities of hams to measure important operating parameters, improve their understanding of complex radios and give them a better mental picture of their transmitted signals," Contributing Editor Ward Silver, NOAX, said in an October 2002 QST article describing the art and science of frequency measurement. "The goal is a more technically aware amateur confident of compliance with FCC regulations." Silver's article, "The ARRL Frequency Measuring Tests," appears on page 51 of the October issue. Today's amateurs tend to take for granted the accuracy of their transceiver's frequency readout. But, as Silver notes in his article, relying simply on a transceiver's digital readouts could mean part of your signal is outside the band edge—in violation of FCC Part 97 rules. Transceiver or receiver readout accuracy "depends entirely on the quality of the receiver's master oscillator," he points out in QST. Increasing technical quality of amateur gear was one of the primary reasons for the decline and fall of FMTs in 1980. In prior decades, however, thousands of amateurs took part in the FMTs, and participation was required of ARRL Official Observer and Official Relay System stations. The first FMT, held in October 1931, employed three transmitting stations—W1XP at Massachusetts Institute of Technology, W9XAN at Elgin Observatory in Illinois and W6XK at Don Lee Broadcasting System in Los Ange-

les—and drew more than 200 measurement reports. "Winners demonstrated better than 99.99% accuracy, and more than half received certificates for better than 99.90% accuracy," Silver reported—not too shabby for the state of the art back then. The 2002 FMT will begin at the appointed time--0245 UTC November 7 (9:45 PM EST November 6)--with a general Morse code "QST" from W1AW on four amateur frequencies. The test itself will consist of 20 seconds of carrier followed by a series of CW dits followed by a station ID. The test will last about five minutes and will conclude with a series of Vs and another station ID. The approximate frequencies are 3580, 7047, 14,048 and 21,068 kHz. FMT 2002 participants should include time of reception, measured frequency and signal report, as well as their name, call sign and location. Participants are encouraged to submit reports on more than one of the frequencies. A Certificate of Participation will be available to all who send in reports. Those who come closest to the measured frequency will be listed in the test report and will receive special recognition. Send FMT 2002 entries postmarked by December 6, 2002, to W1AW/FMT, 225 Main St, Newington, CT 06111. More information and background on the 2002 FMT is available on the ARRL Frequency Measuring Tests - Supplement page <<http://www.arrl.org/w1aw/fmt/>>.



**The ARRL Letter
Vol. 21, No. 46
November 22, 2002**

==>DXCC LEGEND BOB WHITE, W1CW, SK

Former ARRL Headquarters staff member Bob White, W1CW, died November 22 in Florida from complications arising from pneumonia. He was 83. White was an ARRL Life Member and had belonged to the League for 62 years. Known to many as "Mr DXCC," White was the manager of the ARRL's DX Century Club program from 1952 until 1976, establishing the award—and its stringent standards—as Amateur Radio's premier DX achievement. White codified the rules for the DXCC program and oversaw the checking of some 250,000 QSL cards submitted yearly, often working as many as 90 hours a week to ensure that the job got done right. White also oversaw the ARRL QSL Service from 1976 until 1978. "Dad was the guy who made DXCC what it was," said White's son, Jim White, K4OJ, in a posting to the CQ Contest reflector. "He didn't cut any corners—everyone was held to the same high standard—and this is what made holding DXCC meaningful." Introduced to Amateur Radio in his youth by his stepfather, Gordon Brown, W6APG, White was first licensed in 1938. He

(Continued on page 6)

**BARC Christmas Party
Dec. 12, 2002, 6:30 p.m.
Ruby Tuesday**

Menu Choices

Half Rack Baby Back Ribs

**Served with Onion Straws, Fries, Cole Slaw,
Soft Drink and Sunday for dessert
Includes Tax and Gratuity
\$14.26**

New Orleans Seasoned White Fish Fillet

**Over rice pilaf, topped with Jack 'n Cheddar, diced tomatoes
Served with Onion Straws and Fresh Steamed Broccoli,
Soft Drink and Sunday for dessert
Includes Tax and Gratuity
\$14.26**

Church Street Chicken

**Seared chicken breast smothered with garlic-sautéed mushrooms,
bacon and melted Swiss Cheese
Served with Onion Straws and Rice pilaf
topped with Jack 'n Cheddar cheeses and diced tomatoes,
Soft Drink and Sunday for dessert
Includes Tax and Gratuity
\$14.26**

- In the box provided please indicate how many of each selection.
- Only 60 seats available. Tickets sold on a First come First served basis.
- All prices include Tax and Gratuity.
- Reminder: This is a good opportunity to pay your 2003 dues too.
- Mail form and check to: BARC
P.O. box 111
Providence, Utah 84332

Name _____

Address _____

Phone No. _____ Callsign _____

served as a radio operator in the US Navy during World War II. White was an avid DXer, contester and CW enthusiast whose fist was familiar to thousands of hams. Active in the First-Class CW Operators' Club, White was inducted into the CQ DX Hall of Fame in 1998. He also was a member of the A1 Operator Club. Survivors include his wife Ellen, W1YL, and his son Jim, K4OJ, both former ARRL staff members. Friends may send condolence messages via e-mail <w1cw@tampabay.rr.com> or to 6607 Flicker Ct, Seffner, FL 33584. The family invites memorial donations to the WICW Memorial Fund-Florida Contest Group, c/o Frederick M Perkins Jr, 3437 Lake Josephine Dr, Lake Placid FL 33852 USA. Per White's request, there will be no public service.

==>AMATEURS AID IN WAKE OF CONNECTICUT ICE STORM

Amateur Radio Emergency Service (ARES) members got to work quickly the morning of Sunday, November 17, as an ice storm knocked out power to almost 130,000 Connecticut homes and businesses, mostly in the northwestern part of the state. The statewide alert—and the resulting ARES activation—lasted 48 hours. Connecticut Gov John Rowland toured the region and visited the ham station set up at the Torrington Emergency Operations Center. Connecticut Section Emergency Coordinator Allen Pitts, W1AGP, said about 30 hams from all over The Nutmeg State headed into the affected area, mostly in northwestern Connecticut. He characterized ARES members' efforts as "wonderful." Pitts said Connecticut ARES had been drilling informally in conjunction with ARES teams in Eastern New York and New Hampshire, and the effort paid off. "The drills covered a very similar situation," he said. "The level of coordination and cooperation was incredible." ARRL staffer Brennan Price, N4QX, was among those taking a turn as net control of the Connecticut Phone Net on 3965 kHz. "The good thing about this particular situation was with such a small part of the state hit, there were a lot of others in the state able to help out," he said. "It all came together quickly and was nicely pulled off." West Hartford-Area EC Harry Aberly, AB1ER, said most of the work hams did was in Torrington area shelters. That Litchfield County community was among the hardest hit. Connecticut ARES linked 10 VHF and UHF repeaters in Torrington, Vernon, Naugatuck, Meriden, New Milford and Washington. Separate resource and tactical nets were run on other 2 meter repeaters. Dutchess County, New York, EC Adam Nowik Jr, KC2DAA, said amateurs in Eastern New York activated their own net, and more than a half dozen New Yorkers arrived in the Torrington area within three hours of the activation. "Our net was kept active in the event the Connecticut section had need for additional communications or had a complete communications breakdown," Nowik said. Frank Stone, KB2YUR, served as a

liaison between Aberly and the hams in Eastern New York for the duration of the incident. After 27 hours, the Connecticut Phone Net's Emergency session on HF was able to stand down the afternoon of November 18, as temperatures rose into the 40s. But 20 minutes later, the net was back up after a trunk line from New York went down and more people lost power, Pitts said. Relief efforts by area radio amateurs continued into the evening of November 18, when the statewide ARES alert was terminated. "We did not shut down statewide until we were sure everyone was off the roads, home safe and checked in," Pitts said. Pitts credited greater professionalism and proficiency over the past several months to the ARRL Amateur Radio Emergency Communications courses <<http://www.arrl.org/cce/>> offered on-line. "We're seeing a real difference, and the quality of operations is definitely up," he said. Thanks to a \$33,000 grant from Hartford-based United Technologies Corporation, up to 250 Connecticut amateurs will be able to take the ARRL Level I Amateur Radio Emergency Communications course (EC-001) free of charge.

==>Congress adjourns; HR 4720 expires without action:

The US House of Representatives officially adjourned for the year November 22 at 2:33 PM. The US Senate wrapped up its business earlier this week, so the 107th Congress is officially in the books. With adjournment go any hopes of passage of HR 4720, the CC&R bill introduced by New York Democrat Steve Israel earlier in the year. ARRL members are requested to wait until a new CC&R bill—with a new bill number—is introduced in the next session of Congress before seeking cosponsorship support from members of Congress.

==>Daughter of ARRL co-founder dies:

Percy Maxim Lee, the daughter of ARRL co-founder Hiram Percy Maxim, W1AW, died November 9. She was 96. "She was a remarkable woman, one more in a line of remarkable people," said ARRL Pacific Division Director Jim Maxwell, W6CF. Born July 4, 1906, Percy Maxim Lee led an active political and civic life, serving as president of the Connecticut League of Women Voters from 1941 to 1950 and four terms as president of the League of Women Voters of the United States from 1950 to 1958. She received national appointments to various councils and commissions from four presidents and was active in water and land-use issues in Connecticut. She also founded the Junior School (now Renbrook School) in West Hartford, Connecticut, served on the boards of several New England schools and was vice chairman of the board of trustees for Connecticut College. The family invites memorial contributions to Lawrence and Memorial Hospital, 365 Montauk Ave, New London, CT 06320 or to the League of Women Voters of the United States, 1730 M St NW, Ste 1000, Washington, DC, 20036-4508.

Questions for General Class License

1. G1B06 When may an amateur station in two-way communication transmit a message in a secret code in order to obscure the meaning of the communication?
 - A. When transmitting above 450 MHz
 - B. During contests
 - C. Never
 - D. During a declared communications emergency
2. G1B11 What should you do to keep your station from retransmitting music or signals from a non-amateur station?
 - A. Turn up the volume of your transceiver
 - B. Speak closer to the microphone to increase your signal strength
 - C. Turn down the volume of background audio
 - D. Adjust your transceiver noise blanker
3. G1C10 What is the absolute maximum transmitting power a General class amateur may use on 28.150MHz?
 - A. 200 watts PEP output
 - B. 1000 watts PEP output
 - C. 1500 watts PEP output
 - D. 2000 watts PEP output
4. G1F07 What is the maximum symbol rate permitted for packet emissions on the 10-meter band?
 - A. 300 bauds
 - B. 1200 bauds
 - C. 19.6 kilobauds
 - D. 56 kilobauds
5. G2D03 Why are direction-finding "Fox Hunts" important to the Amateur Auxiliary?
 - A. Fox Hunts compell amateurs to upgrade their licenses
 - B. Fox Hunts provide an opportunity to practice direction-finding skills
 - C. Someone always receives an FCC Notice of Apparent Liability (NAL) when a Fox Hunt is concluded
 - D. Fox Hunts allow amateurs to work together with Environmental Protection Agencies
6. G3B11 What is the maximum distance along the Earth's surface that is normally covered in one hop using the E region?
 - A. 180 miles
 - B. 1200 miles
 - C. 2500 miles
 - D. None of these choices is correct

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

December, 2002

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