



THE OHM TOWN NEWS

Voice of the Bridgerland Amateur Radio Club

SUMMER 2002

JUNE JULY AUGUST

Presidents Message

It's hot so that must mean it's summer? If it is that means its time for Field Day!

Field Day this year will be June 22nd and 23rd and will be set up at Beaver Creek up Logan Canyon. Beaver Creek is just off the road on your way to Beaver Mt. Ski Resort.



The club will provide the hot dogs, hamburgers and drink. Everyone else is asked to bring a potluck dish, at least enough to feed the amount of people that attend with you.

We will be setting up camp on Friday the 21st starting about 5:00 p.m. or there abouts.

We are planning on having 4 HF stations running, one of them will be a fulltime digital PSK-31 or Slow Scan station, so lots of operators are needed! And if you do not have them HF Privileges this is a good chance to get on the air.

A few things to remember and bring along with you are: This is a dry camp so you will need to bring water. We will need extra wood for the fire and stove. I suppose by the time Field Day comes around there will be some kind of fire restrictions but we usually get a permit for the stove, but that will mean you may want to bring a camp stove for your self. Chairs would be handy too.

We will need power cords, coax and any antennas that you have laying around.

Also keep in mind that we have lots of public service activities planned for the summer and need lots of participation to successfully accomplish these.

So see ya at Field Day!

73 de Tyler N7UWX



Note: The Ohm Town News will not be published separately for July or August, but will resume again in September.

Upcoming Events & Activities

State **RACES Net** June 20

Field Day - Saturday and Sunday June 22nd & 23rd
Noon Saturday to Noon Sunday
Dinner at 6:00 P.M. Saturday evening

Cache Cruise In Parade - Saturday July 6th

Utah Hamfest July 12,13,14
ARRL Rocky Mountain Division Convention
Ruby's Inn—Bryce, Utah
Special Guest and keynote speaker Jim Haynie
Visit www.utahhamfest.org for details
See May OTN for registration form

BARC club meeting - September 12
club social and dinner get together

LOTOJA - Saturday, September 14th
The famous Logan to Jackson Bicycle race

Top of Utah Marathon - Saturday, September 21st

JOTA (Jamboree on the Air) - Saturday October 19th

For additional information or to sign up, contact
contact Tyler N7UWX at 752-7269
or email to tyler@n7uwx.net



See page 2 for additional pictures from the past years fun!

Club Officers

President

Tyler Griffiths N7UWX
 tyler@n7uwx.net
 (435)752-7269

Vice President

Rik Stallings N7XZ
 n7xz@arrl
 (435)750-5578

Secretary

Ted McArthur AC7II
 ac7ii@attbi.net
 (435)245-4904

Treasurer

Dave Fullmer N7RRZ
 webmaster@spectradesign.com
 (435)753-2685

Board Members

Cline Hendrickson K7KE
 clineh@xmission.com
 (435)563-3184

Julie Dabb KC7RPP
 juliebugbug@hotmail.com
 (435)797-6724

Dave Hancey KC7CXF
 DALAHANCEY@aol.com
 (435)563-6017

Newsletter Editor

Dale Cox KB7UPW
 dbclfc@mtwest.net
 (435)563-3836

Web Page Editor

Kevin Reeve N7RXE
 kevree@mdls.usu.edu
 (435)753-1645



LOTOJA



BARC Club Meetings



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

HAM PROFILE

by Boyd Humpherys W7MOY

Guess what spot in the valley contains the most hams per square foot. The BARC club meetings, NO. Field Days, NO. The BARC Christmas party, maybe. However we have to consider the biggest supporter of Ham Radio in the valley, in more ways than one, none other than Campbell Scientific. At latest count, something over twenty of our lot are employed down there, more in days gone by. We need to get acquainted with one of their good ones and one of our good ones, none other than Brian Ulrich, N7QAR, who has done a lot of neat things for Campbell for about 13 years. Brian has a general ticket, has been licensed for about 12 years. He has been involved with some of the club's balloon launches and a few bunny hunts. More on the last item later. Brian and household sport a couple of HTs, a couple of mobile/base rigs on two and an AEA Iso Pole antenna on the roof. The sky hooks sure pin point the ham huts in our area.



Brian first saw the smog in Los Angeles, graduated from Verdugo Hills High, then enrolled at Ricks (north pole, Idaho), where he majored in Electronics and Computer Systems. Somewhere in the hustle bustle he served a mission for his faith in Baton Rouge LA. in 84. He intimated that chitlins, squirrel brains, and some of that other hot stuff wasn't too great, but the crawfish were something out of this world.

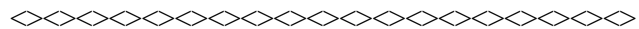
A big clue in the family hobby was the fact that his Dad, K6KCY was involved in a lot of activities such as Marathons, Bunny hunts, and other good stuff. His Mum worked at JPL in Pasadena. Boy what an influence on Brian who didn't have a chance.

As one might surmise in a burg like Rexburg, boy meets girl, girl meets this particular boy and they discussed ham radio till the wee hours of the morning. The girl heretofore mentioned was Michele Roberts, born in Liberty Idaho, not far from the abode of the infamous Bear Lake Monster. They tied the knot, moved to Logan where he began a career with Campbell Scientific. Michele has so much time on her hands with 5 youngsters, she is involved in PTA at Cedar Ridge and will be Sec-Treas next year. Their har-

monics at present consist of Breanna,14-Tiffany,12-Karlee,9-Brady,6-and Nathan,2-1/2. Incidentally Michele, KB7RBC has had her ticket for about 9 years. She observed that the future daddy in law, was suitably involved in the hobby had no problems and decided to go for it. There apparently was some sort of covert activity by Don and Kristy Anderson, KA0EOF, KB7RAV, whatever type of scheme, it worked. You single ticket households are missing a lot of fun.

Now for the good stuff. Brian passed along some accounts of Bunny hunts in the big city down on the coast. One spot was disguised as a mail box, very neatly done in appropriate colors. That one posed a real stickler. The best one turned out to be a big red fire plug, which would have fooled the best fire department in town, until they tried to get water out of the thing. Everyone dismissed that one, namely because of the pack of dogs gathering around for a friendly chat. They finally dispersed the canines and found the gem, all safe and sound.

Brian also heads a local Stake group of ERRS gents up there in Smithfield, we understand they have a going bunch. Another Ham family. "If you can't lick em, join em".



Letters to the Editor:

Some info from Brett Butler N7UXA, an e-mail/article he send to a guy who published an article on an internet web site, recapping some of his first experiences sending code on H.F.

Jack,

Just a note, to send along a big thank you for the little article you wrote and published on your website, "A beginner's guide to making CW contacts." I learned the code about 5 years ago, and did nothing with it. With the change in licensing a few years back, I rushed to prepare to take the 13 WPM test, while it was still possible. Needless to say with only 3 weeks to study I didn't quite make the deadline. But, after studying for 3 weeks at 15 WPM, I passed the 5 WPM test with a perfect copy, and 100% on the test. Still nothing done with the code after this. This past Christmas, my folks gave me a new paddle as a Christmas gift. I finally wired it up about a month ago, and began practicing. I am amazed, at how even someone like me, can pick up the knack of sending, with this particular type of sending device. I still couldn't muster

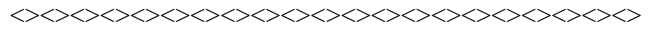
(Continued on page 4)



FCC PROPOSES TWO NEW AMATEUR BANDS!

Great news for ham radio this week! The FCC has proposed going along with ARRL's request for a new domestic (US-only), secondary HF allocation at 5.25 to 5.4 MHz. The FCC also is ready to permit operation on a 136-kHz "sliver band" in the low-frequency (LF) region. And, in response to a third ARRL request, the FCC has proposed elevating Amateur Radio to primary status at 2400 to 2402 MHz. "I'm just as tickled as I can be," ARRL President Jim Haynie, W5JBP, said upon hearing the news. "This is a classic example of our ARRL at work." The FCC voted unanimously May 2 to adopt the Notice of Proposed Rulemaking in ET Docket 02-98. The Commission released a Public Notice May 9, and the NPRM is expected to be released soon. A comment deadline will be announced as soon as it's available. The FCC said the new 5-MHz band would help amateurs "better match their choice of frequency to existing propagation conditions." The band, if approved, would be the first new amateur HF allocation since World Administrative Radio Conference 1979 gave amateurs 30, 17 and 12 meters—the so-called "WARC Bands." Assuming the 5-MHz band eventually is authorized, it could be a few years before it actually becomes available. The League said its successful WA2XSY experiments demonstrated that amateurs can coexist with current users and that the band is very suitable for US-to-Caribbean paths. In comparisons with 80 and 40 meters, the WA2XSY operation also showed the 60-meter band to be the most reliable of the three. The ARRL also argued that a new 150-kHz allocation at 5 MHz could relieve periodic overcrowding on 80 and 40. If allocated to amateurs on a secondary basis, hams would have to avoid interfering with—and accept interference from—current occupants of the spectrum, as they already do on 30 meters. The band 5.250 to 5.450 MHz now is allocated to Fixed and Mobile services on a co-primary basis in all three ITU regions. The ARRL asked the FCC for two LF allocations in October 1998—135.7 to 137.8 kHz and 160 to 190 kHz. The FCC said its action on one part of that LF request "proposes changes that would enhance the ability of amateur radio operators to conduct technical experiments, including propagation and antenna design experiments, in the 'low frequency' (LF) range of the radio spectrum." Several countries in Europe and elsewhere already have 136-kHz amateur allocations. The first amateur transatlantic contact on the band was recorded in February 2001. Hams would be secondary to the Fixed and Maritime Mobile services in the 136-kHz allocation. The League said its engineering surveys suggest that hams could operate without causing problems to power line carrier (PLC) systems already active in that vicinity or to government assignments. Unallocated Part 15 PLC systems are used by electric utilities to send control signals, data and voice. The FCC said its proposal to upgrade the Amateur Service allocation at 2400 to 2402 MHz to primary "seeks to protect current amateur use of this band." Hams have shared their other 2.4 GHz spectrum on a secondary basis with government users. Amateurs already are primary at 2390 to 2400 and from 2402 to 2417 MHz. The ARRL has said primary status in the intervening spectrum slice was needed "to provide some assurances

of future occupancy of the band segments for the next generation of amateur satellites." The ARRL has expressed its belief that hams can continue to accommodate Part 15 and Part 18 devices at 2.4 GHz. ARRL's Chief Development Officer Mary Hobart, K1MMH, was among those welcoming the good news from the FCC. "This a wonderful example of the work ARRL conducts in Washington on matters important to the Amateur Radio community," Hobart said. "Thanks to the 10,000 hams who contributed so generously to the 2002 Defense of Frequencies Fund. The success of that campaign helps to make decisions like this possible."



NEW MEXICO AMATEURS SUPPORT FIRE RESPONSE

Amateur Radio Emergency Service/Radio Amateur Civil Emergency Service members this week assisted the American Red Cross in New Mexico following yet another wildfire. Tinder-dry conditions have continued to keep New Mexico ARES/RACES members busy in recent weeks. "The fire hazard remains high throughout virtually all of New Mexico so there is no doubt that ARES/RACES teams will be called out again—the only question is, when?" said New Mexico Section Emergency Coordinator Bill Kauffman, W5YEJ. A dozen or so air tankers were ordered to battle the most recent fire near Pecos—the so-called Dalton Fire in the Santa Fe National Forest. More than 100 residents were evacuated in the Dalton Canyon and Pecos Canyon areas. Kauffman said the US Forest Service estimated the Dalton Fire was 70 percent contained by mid-week. "This fire, which is believed to have been intentionally started, was hit hard with slurry bombers and hot shot ground teams," Kauffman said. As the fire emergency escalated earlier this week, Kauffman said hams quickly set up at a Red Cross shelter and other facilities near Pecos. The New Mexico State Emergency Operations Center in Santa Fe was not activated, but EOC personnel had asked ARES/RACES to be ready if needed. On May 2, ARES/RACES activated an HF net at the request of the state EOC to provide possible communication support with Otero County EOC in response to the so-called Peñasco Fire. That blaze near Mayhill, was expected to be 100 percent contained by mid-week after burning more than 15,000 acres. Most residents of the James Canyon—including Douglas Ream, AB5FG, and Reginald Duncan, W5UWY—were allowed to return to their homes after being evacuated earlier last week.

The Peñasco Fire destroyed more than a dozen homes and more than two dozen other structures. About 15 families were reported in Red Cross shelters as of the end of last week. More than 1500 firefighters have been involved in fighting the Peñasco fire. ARRL New Mexico Section Manager Joe Knight, W5PDY, says the situation "could change at any time." Little or no rain has fallen in New Mexico in recent weeks, he said. In Colorado, Jeff Ryan, K0RM, reports that El Paso County RACES supported firefighters during the April 28 Black Forest fire, northeast of Colorado Springs. Several homes were evacuated. A dozen RACES operators provided continuous detailed weather data to the fire team command post until the fire was brought under control. No one was injured, and no structures were damaged as a result of the fire, Ryan said.

Questions for Extra Class License

1. (E1B01) Which of the following factors might restrict the physical location of an amateur operator's station equipment or antenna structure?
 - A. The land may have environmental importance; or it is significant in American history, architecture or culture
 - B. The location's political or societal importance
 - C. The location's geographical or horticultural importance
 - D. The location's international importance, requiring consultation with one or more foreign governments before installation
2. (E1B11) What special restrictions does the FCC impose on amateur antennas mounted on motor vehicles?
 - A. Such antennas may not extend more than 15 feet above the roof of the vehicle
 - B. Complex antennas, such as a Yagi or quad beam, may not be installed on motor vehicles
 - C. None
 - D. Such antennas must comply with the recommendations of the vehicle manufacturer
3. (E1C08) What operating privileges does a properly licensed alien amateur have in the US, if the US and the alien amateur's home country have a multilateral or bilateral reciprocal operating agreement?
 - A. All privileges of their home license
 - B. All privileges of a US Amateur Extra license
 - C. Those granted by their home license that match US privileges, not to exceed the operating privileges of an Amateur Extra license
 - D. Those granted by their home license that match US privileges authorized to amateurs operating in ITU Region 1
4. (E3C01) What effect does auroral activity have upon radio communications?
 - A. The readability of SSB signals increases
 - B. FM communications are clearer
 - C. CW signals have a clearer tone
 - D. CW signals have a fluttery tone
5. (E4B16) What types of coupling occur between a dip-meter and a tuned circuit being checked?
 - A. Resistive and inductive
 - B. Inductive and capacitive
 - C. Resistive and capacitive
 - D. Strong field
6. (E4C03) What causes receiver desensitization?
 - A. Audio gain adjusted too low
 - B. Strong adjacent-channel signals
 - C. Squelch gain adjusted too high
 - D. Squelch gain adjusted too low

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

June, 2002

Some Contents...

Presidents Message	1
2002 Summer Events	1
Club Officers.....	2
Ham Profile	3
ARRL news info	4, 5

