



THE OHM TOWN NEWS

Voice of the Bridgerland Amateur Radio Club

MARCH 2002

<http://www.barconline.org>

The Olympic Winter Games

Are now completed

Several club members assisted with the festivities
More information here and in upcoming issues!



New traffic signals installed in downtown Salt Lake City, to help with the traffic congestion during the Winter Olympics....

HAM PROFILE

by Boyd Humpherys W7MOY

Millville revisited and those of you who have forgotten, Joe Corbett N7NJR was our BARC VP & Pres. a few years back. Look for an impressive collection of antennas with rotators, on the roof, a 160 m vertical in the back yard, right there on the main drag and you have arrived. Since this involves another OP and XYL team, as well as four harmonics, we ought to expose the bunch and hear how they tick.

The family farm contains a couple of HTs, a Kenwood HF rig, a 10 watt ATV rig on 439.25 MHz and other assorted good stuff. (Come on guys, let's get involved in this "hear and see configuration", a



(Continued on page 4)



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ARRL Bulletin 14 ARLB014
From ARRL Headquarters
Newington CT February 14, 2002
To all radio amateurs



SB QST ARL ARLB014
ARRL014 Amateur Radio volunteers support Olympics

Amateur Radio volunteers are supporting the 2002 Winter Olympic Games, assisting with security and remaining available to provide back-up communication.

"The amateurs involved have assisted numerous local and federal agencies to develop a unique system that covers the entire Wasatch Front Area, providing communications to reach numerous Olympic venues 24 hours a day," said Utah ARRL Section Manager Mel Parkes, AC7CP. "Amateur Radio will be there should any of the primary frequencies fail or become unavailable." According to Parkes, Utah Section Emergency Coordinator John Mabey, W7CWK, and Brent Thomas, AC7H, of the State of Utah Comprehensive Management Office began working on this effort more than a year ago. A special public safety organization—Utah Olympic Public Safety Command (UOPSC) was created by the various local and national public safety organizations that provide the security necessary for the international event. Mabey, along with Davis County EC Hall Blankenship, KC7RAF; Kirk Boman, KD0J; Ed Cole, KB7EC; and Mike Youngs, KK7VZ, headed up the Amateur Radio effort to provide emergency backup communication for the Olympic Security Command.

Parkes said UOPSC has now involved more than 200 Amateur Radio volunteers in Utah to support critical security. In addition Amateur Radio volunteers are staffing a number of Olympic Security Command centers assisting local and national public safety organizations. "The hard work and dedication by all these dedicated Amateur Radio Operators will certainly contribute to a very successful and safe Olympic Winter Games," Parkes said.

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/EX



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



VE Test Session

Coming up at 8:00 a.m. on March 9, 2002

At Campbell Scientific Inc.

815 West 1800 North

Logan, Utah

Bridgerland Amateur Radio Club Proposed Budget for 2002

	2000 Budget	2000 Actual	2001 Budget	2001 Actual	2002 Proposed Budget
Budgeted Income					
Member Dues	\$3,500.00	\$2,108.75	\$1,875.00	\$1,041.50	\$1,875.00
Equipment Donations	\$0.00	\$129.00	\$0.00	\$700.00	\$0.00
Total Income	\$3,580.00	\$2,244.75	\$1,875.00	\$1,741.50	\$1,875.00
Budgeted Expenses					
Autopatch Phone Bill	\$200.00	\$0.00	\$200.00	\$0.00	\$0.00
Christmas Party	\$300.00	\$190.64	\$300.00	\$300.64	\$300.00
Club Fees	\$18.00	\$15.00	\$18.00	\$15.00	\$18.00
Equipment	\$3,445.00	\$2,843.27	\$150.00	\$111.07	\$150.00
Field Day	\$500.00	\$555.96	\$300.00	\$264.08	\$500.00
Insurance	\$575.00	\$574.75	\$0.00	\$0.00	\$0.00
Misc. Expense	\$300.00	\$11.97	\$100.00	\$0.00	\$200.00
Newsletter	\$650.00	\$492.77	\$650.00	\$361.74	\$650.00
PO Box	\$14.00	\$14.00	\$30.00	\$20.00	\$40.00
Soc. & Refresh.	\$360.00	\$159.99	\$250.00	\$126.82	\$250.00
Supplies	\$100.00	\$15.05	\$100.00	\$126.82	\$0.00
Contingency Fund	\$1,000.00	\$0.00	\$850.00	\$0.00	\$800.00
Total Expenses	\$7,462.00	\$4,873.40	\$2,948.00	\$1,326.17	\$2,908.00
Overall Net Income	-\$3,962.00	-\$1,164.49	-\$1,073.00	\$415.33	-\$1,033.00

Absentee Ballot

Proposed 2002 Budget

Vote to be taken Thursday, March 14, 2002
Hyde Park City Office Building, 7:30 p.m

As to the adoption of the proposed 2001 budget as presented in this newsletter, I am

IN FAVOR

OPPOSED

INSTRUCTIONS:

This ballot must be either sent by mail in time to be received prior to the meeting or it may be sent with another member of the club who is coming to the meeting. The mailing address is:

BARC
P.O. BOX 111
Providence, UT 84332

(Ham Profile Continued from page 1)

lot of fun) Joe sports an extra ticket and has been involved in the fellowship about 12 years, delving in Latoja, balloon launches, ATV and the like.

Joe was born in Salmon Idaho, our good neighbor to the North. The family must have yearned for warmer climes since they shifted down to Sanpete County, where strange tasting water, sagebrush, and turkeys abound. He graduated from High school down there and a short time later enrolled in the Cougar establishment in Utah County. As you might guess, his path crossed that of Bonnie Ralph, who was born in Idaho Falls. As a team they both graduated from the Y and headed for California where Joe went to work for the Naval Weapons Center at China lake. The basic difference between Salmon, Idaho and China Lake appears to be somewhere around 140 degrees F. After thawing out they made their way back to Cache Valley with Joe working for Design Analysis for about 18 years. Somewhere along the track came a brief stay in our Big Sky neighbor, Montana.

Joe is now working for himself, consulting with specialties in circuit design. Take heed gents, if you can't get that cat's whisker detector functioning, Joe will enlighten you on all the complexities of good design.

Joe spent two years service for his faith in Italy prior to marriage and tells some interesting stories about visiting the Vatican library in Rome and of the good Blood Oranges he indulged in while in Sardinia. Try em, you'll like em! His other favorites were gnocchi, cal zone, and roasted chestnuts of which I cannot vouch for. I presumed his favorite attraction over there might be an Italian Tenor munching on a large Pizza while singing the grand aria from Aida.

His good frau the former Bonnie Ralph was born in Idaho Falls, attended Ricks and ultimately shifted to that institution South of the point of the Mountain where she met Joe, and ultimately promised to love honor and obey, thus the call KI7OC. The Corbett's have four children, Ryan, Amy, Stacey & Brad. Both Ryan & Amy have tickets. We must pause here to disclose a family secret. It seems that when Amy was attending HS, she always had priority #1 as commandeering the family conveyance to attend the games hither and yon, mostly yon. Crafty dad-e-o decided he would put a damper on that one in a hurry. "No car privileges until you get your ticket". What a heartless parent. With a smile, Joe informed me that she was steering the family machine to the next game across the hill in short order, with a new ticket N7UED tucked in the jockey box. Seems this type of

procedure fosters a lot of tickets and HTs. Bonnie other than managing the family castle, has had some interesting experiences with the security of mobile equipment in the car and won national recognition a few years back for "quilting design of the year". They enjoy 4 wheeling with the family, outdoor activities as well as directing electrons. Keep up the good work folks.



Space Bulletin 003 ARLS003
From ARRL Headquarters
Newington, CT February 21, 2002
To all radio amateurs



SB SPACE ARL ARLS003
ARLS003 ARISS packet system to be upgraded soon

Normal packet activity with a real call sign should resume soon on the International Space Station. Amateur Radio on the International Space Station (ARISS) Board Chairman Frank Bauer, KA3HDO, says a new packet module sent up to the ISS last August will be installed by February 25. Since Amateur Radio gear was installed on the ISS in 2000, the packet system—crippled with a dead RAM (random access memory) backup battery—has been operating in digipeat mode using the NOCALL call sign and other ROM (read-only memory) defaults. Earthbound users have been able to access the system nonetheless, but the lack of a call sign has been an annoyance. Bauer said the new module, using the call sign RSOISS, will employ a specially developed ROM programmed with standard ISS defaults, a new battery and an extended memory—up to one megabyte. The TNC also has eight-bit capability to support Russian Cyrillic typesets, and a one-minute timeout disconnect from the PMS if no pertinent packets are heard. Although the mailbox function will be activated, hams are discouraged from using it. "Currently there is no computer hooked up to the packet module," Bauer explained. "In addition, the crew will be much too busy to respond to messages posted there." ARISS packet radio frequencies will remain the same. The uplink is 145.99 MHz, the downlink is 145.80 MHz. For more information on the new packet hardware and the ARISS equipment, visit the ARISS Web site at, <http://ariss.gsfc.nasa.gov/EVAs/amsat01.pdf>.

NNNN
/EX



"Whatever hits the fan will not be evenly distributed"

Questions for General Class License

1. (G1B07) What are the restrictions on the use of abbreviations or procedural signals in the amateur service?
 - A. There are no restrictions
 - B. They may be used if they do not obscure the meaning of a message
 - C. They are not permitted because they obscure the meaning of a message to FCC monitoring stations
 - D. Only "10-codes" are permitted
2. (G1C01) What is the maximum transmitting power an amateur station may use on 3690 kHz?
 - A. 200 watts PEP output
 - B. 1000 watts PEP output
 - C. 1500 watts PEP output
 - D. The minimum power necessary to carry out the desired communications with a maximum of 2000 watts PEP output
3. (G1F08) What is the maximum symbol rate permitted for packet emissions on the 2-meter band?
 - A. 300 bauds
 - B. 1200 bauds
 - C. 19.6 kilobauds
 - D. 56 kilobauds
4. (G4A10) What does a neutralizing circuit do in an RF amplifier?
 - A. It controls differential gain
 - B. It cancels the effects of positive feedback
 - C. It eliminates AC hum from the power supply
 - D. It reduces incidental grid modulation
5. (G4B05) How is a noise bridge normally used?
 - A. It is connected at an antenna's feed point and reads the antenna's noise figure
 - B. It is connected between a transmitter and an antenna and is tuned for minimum SWR
 - C. It is connected between a receiver and an antenna of unknown impedance and is tuned for minimum noise
 - D. It is connected between an antenna and ground and is tuned for minimum SWR
6. (G4D09) What size wire is normally used on a 20-ampere, 120-VAC household appliance circuit?
 - A. AWG number 20
 - B. AWG number 16
 - C. AWG number 14
 - D. AWG number 12

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PO BOX 111
PROVIDENCE, UT 84332**

March, 2002

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