



THE OHM TOWN NEWS

Voice of the Bridgerland Amateur Radio Club

May 2006

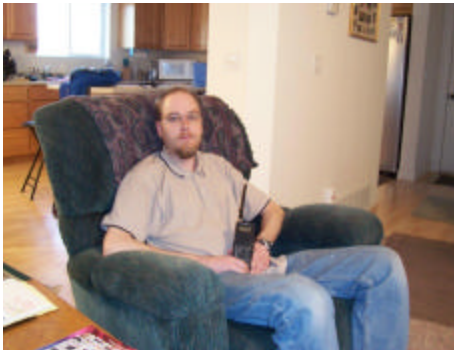
>>>>>>> <http://www.barconline.org> <<<<<<<

HAM PROFILE

by Boyd Humpherys W7MOY

We have a new Ham resident guarding the West environs of Logan. No tower as yet but a little time and effort should change all that. After a brief search in on the new sub divisions down in South Gate Court, we found Kevin Bosworth KC7HGN in a new shack, surrounded by other necessary stuff in their new abode. If one doesn't take a regular tour through areas of the valley, you might miss the new suburbia being created around us.

Kevin has held his Tech license since about 94,



has gotten involved in the past with Field day, some cruise ins, enlightening some budding Ham Boy Scout movements and otherwise. He claims a couple of 2 meter HTs, has gotten involved with packet and in the past

a permanent 2 meter mount on the family Benz. Not sure how he plans to affix the planned 2 meter beam on the present charger, but we might just see something new cruising around the neighborhood. Kevin claims Logan as his place of origin, fought the battles of the Ellis, and Logan High. He spent a couple of years over in Mendon in the shadows of the Wellsvilles, apparently didn't like the sun going down at about 2 in the afternoon, shifted to North Logan, where the sun didn't come up till about 10 am, then settled for the present diggings in the middle with best of all combinations.

He indicated he and a good friend, Ron Cooper got the bug via the CB influence route some years ago, attended a few indoctrination and buzz sessions at Glousers where the mysteries of the Ham world were explained. Rumors are that an ex-girl friend might have

(Continued on page 3)

PRESIDENTS MESSAGE

Get those direction finders out. It is time to do another bunny hunt. Our next club meeting will feature a presentation about antennas for two meter and 70 centimeter operation. After that 30 minute presentation we will have a bunny hunt or hidden transmitter hunt. It should be a lot of fun.

I attended the Ogden ham fast and swap meet in April. There were about 12 hams from cache valley there. It was a fun time. They have asked us if we want to host the Northern Utah Hamfest next year. We will have to give it some thought. Where could we hold this event? Please think about it. It would take a team of folks to pull it off.

Summer activities are approaching. We still have need for amateurs to help out with all of these. Please see the barconline.org website for information on the activities. Talk with Tyler Griffiths N7UWX to sign up. I hope all of you will take the opportunity to sign up for an activity. If you are new to the hobby, then this is a great time to meet some hams, give that radio a work out, and have some fun. My early experience in ham radio was positive because of my involvement in public service events.



Field day is our next big club activity for the summer after our May meeting. We need people to bring radios. We need someone to cook up a main dish for us, and others to come and help. We will have more details about field day coming up at club meeting. Field day is one of my favorite events of the year. Mostly for the opportunity to get on the air and also to hang out with some of the greatest people I know.

(Continued on page 3)

UPCOMING ACTIVITIES 2006

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May 13 - Club Meeting
Info on 2 m and 70 cm antennas & a transmitter hunt

May 17 - ARES Meeting

May 19 -21 - Dayton Hamvention
<http://www.hamvention.org/>

May 27-30 - Mt. Man Rendezvous
<http://www.logan.lib.ut.us/local/cache/organiz/cofile/seasonal/rendezvous.html>

June 3 - Cache Classic
<http://www.loganraceclub.org/Club+Info/CacheClassic/default.aspx>

June 10 - Cache Valley Biathlon
<http://www.loganraceclub.org/default.aspx>

June 9, 10, 11 - Hamcon
<http://www.hamconcolorado.org/>

June 23 - Wasatch Back Relay
<http://www.wasatchbackrelay.com/>

June 24 & 25 - Utah MS 150
<http://www.nationalmssociety.org/UTU/event/default.asp?g=6>

June 24 & 25 - Field Day
<http://www.arrl.org/>

July 1 - Cache Cruise-IN
<http://www.cachevalleycruisein.com/>

August 4-6 - WIMU 2006
<http://www.redgiant.org/wimu2006/>

September 9 - LOTOJA
http://www.lotojaclassic.com/LOTOJAmain_content.html

September 22 & 23 - Bear 100
<http://www.bear100.com/>

September 23 - Top of Utah Marathon
<http://today.lib.usu.edu/run/marathon.htm>

October 21 & 22 - Jamboree on the Air
<http://www.scout.org/wse/jota.shtml>

BARC Club Meetings are normally on Saturday mornings at 10:00 A.M. on the 3rd floor of the Cache County Sheriffs Complex on 200 North and 1225 West, Logan, Utah

ARES Meetings are usually held on the Third Wednesday of each month at 7 P.M. at the Cache County Sheriffs Complex. Contact Tyler Griffiths for more information.

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

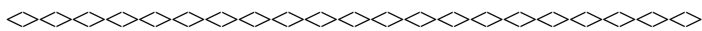
(Presidents Message Continued from page 1)

Jacob Anawalt KD7YKO is finishing up a ham class in his neighborhood. Way to go Jacob and thanks to the hams that have helped him teach it.

On a personal note, we have entered the everlasting soccer season again at my house. Six games a week, and a few practices somewhere in-between. I especially love the Saturday games. The weather makes it so nice to be outdoors relaxing in the hot sun. The best kind of stress relief you could ask for.

Looking forward to seeing you all at our summer activities and events.

Kevin



(Ham Profile Continued from page 1)

had an influence some where along the line in getting the two interested. Now that was the right type of persuasion don't you think? They both boned up on the good stuff, traveled to Brigham City for the exam and did the trick, Ron picking up an KC7HGO call and away they went.

He indicated he had been exposed to a bit of Spanish & German in High school but confused the instructors when he successfully combined the two. Kevin, a lot of us do the same thing with English, Esperanto anyone. That's another story.

Kevin has worked for Inovar Electronic Mfg. Working on prototype design work and for Trans-Lux who put out some interesting signs. He's thinking of saving up the shekels to get into USU for some further know how.

He gets involved in a little plunking on a guitar, geo-caching and retrieving Spanish doubloons from the playgrounds with a metal locator. Not enough found for that vacation on the French Riviera as yet, but it all adds up.

As is usually the case our fraternity is a pretty closely knit group, always ready to lend a hand in all sorts of situations. Kevin related Beanie assisting with a situation when the family charger ran out of gas on a deserted road, sound familiar? Kevin also responded on one occasion when Harl needed a volunteer to climb his tower and replace a pin on his antenna rotator mechanism. Now come on gents, just how many of you would risk life and limb to allow a fellow ham to work stations other than at the North Pole?

Kevin's grandfather, LaMar Nelsen in Smithfield, also of the fraternity must have had some influence on him as well. We never know what budding Marconi or Tesla we may influence in their quest for knowledge.

Kevin was the youngest of six in the family, one ham so far, five to go.

73s Kevin, a tower-flag pole combination would never be protested.

The ARES E-Letter April 19, 2006

In Pennsylvania, NIMS [National Incident Management System] training is now a requirement for ALL first responders by decree of the Governor. There is also a requirement from Homeland Security to put NIMS in place (or lose federal funding opportunities). Currently in Pennsylvania the requirements are the IS-100, 200, and 700 courses. See <<http://www.training.fema.gov/EMIweb/IS/crslist.asp>>. IS-800 (National Response Plan Intro) will also be required soon. Pennsylvania's requirements can be found on the PEMA web site <<http://www.pema.state.pa.us>>. It's of note that the Pennsylvania requirement explicitly applies to volunteers.—Donald D. Cripe, KE3MM, Western Pennsylvania DEC, New Galilee, Pennsylvania

As of last year, just before I departed FEMA HQ, all FEMA employees are now required to complete the following EMI courses within one year of being on board: IS-100 (Intro to ICS), IS-200 (ICS for Federal Disaster Workers), IS-546 (Continuity of Operations Awareness), IS-700 (NIMS Intro), and IS-800 (NRP Intro). - Bart Bartholomew, N3GQ

NIMS has been required for all of us in Prince William (Virginia) since last year (about 80% of my ARES team have it now) and IS-100 and IS-200 are required by the end of the year (2006). I am signed up for 200 and 300 next weekend. ECs and AECs are also required to have the NRP Intro course (IS-800). It looks like the League needs to embrace these as requirements for all ARES members sooner rather than later.—David A. Lane, KG4GIY, EC/RO Prince William County ARES/RACES <<http://www.qsl.net/pwcares/>>

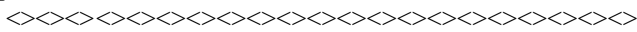
I keep seeing statements from various areas about FEMA course and ARECC requirements for ARES appointees. However, here in our Section I got flak for suggesting it. If the ARRL takes a stand, then I can enforce the practice in use around the county.—David Pifer, N9YNF

NIMS compliance for volunteers - CORRECTION: In the March newsletter, I had passed on a response from the NIMS Integration Center concerning how NIMS and ICS applies to Amateur Radio volunteers. Due to editing for brevity, the letter gave an incorrect impression that NIMS and ICS training is required for all Amateurs. This was incorrect. The NIMS Integration Center response related to FEMA FAQ 399 that indicated NIMS and ICS training was not required for Amateurs. Since that response, FEMA FAQ 399 has been withdrawn, and FAQ 313 has been updated twice. FAQ 313 now states, in part, "The NIMS Integration Center strongly recommends that volunteers with a direct role in emergency and incident management and response take NIMS and ICS training." For additional history on these FAQs and the updates, see <http://ares.rf.org/dist6w/e_letter.htm> -- Ron Breitwisch, KC0OX, ARES District Emergency Coordinator - Iowa District 6 West.



OSCAR designations for two Japanese cubesat Amateur Radio satellites. XI-IV (pronounced "sai four"), launched in 2003, will be known as CUBESAT-OSCAR-57 or CO-57. XI-V (pronounced "sai five"), launched with SSETI Express in 2005, will be known as CUBESAT-OSCAR-58 or CO-58. "AMSAT-NA and I wish to congratulate you and your entire team for the successful construction, testing and launching of these innovative spacecraft," said AMSAT's Bill Tynan, W3XO, in announcing the designations. "Your pioneering work certainly inspires others to follow your lead." The satellites were built and launched by the University of Tokyo Cubesat Team. Both satellites have similar payloads. CO-57 has a CW beacon on 436.8475 MHz and a 1200 bps AFSK packet downlink on 437.490 MHz. CO-58 has a CW beacon on 437.4650 MHz and a 1200 bps AFSK packet downlink on 437.3450 MHz.

dress, the station or location in which you will be placing the video and the video format you need (DVD, DV or uncompressed-DV). Hello campaign brochures, bumper stickers pins and other paraphernalia also are available. There's more campaign information on the "Hello" Web site <<http://www.hello-radio.org/>>. Pitts will be on the road this month to show off (and market) the new audio and video PSAs at the annual conventions of the National Association of Broadcasters (NAB) and the Radio and Television News Directors Association (RTNDA) April 22-27 in Las Vegas, and at a regional RTNDA convention April 8-9 in Boston.



The ARRL Letter Vol. 25, No. 14 April 7, 2006
==>ARRL "HELLO" CAMPAIGN VIDEO
NOW AVAILABLE

A 30-second video public service announcement (PSA) to promote the ARRL's "Hello" campaign—"Celebrating 100 Years of Voice over Radio Worldwide"—has been released. A radio spot has been available since March. Hello's architect, ARRL Media and Public Relations Manager Allen Pitts, WIAGP, says the spot is available on disk in either DVD format—which plays on standard players—or in two larger broadcast-quality DV formats. "We want to celebrate 100 years of people talking over the radio but not just look backward," he said. "In just 30 seconds, this video takes us on a rollercoaster through time and electronics, into today, when we find friendly people still ready to say 'Hello' all over the world." Richard Lubash, N1VXW, of 2K-Plus in Atlanta, produced the new PSA. He had musical help from Emory Gordy, W4WRO, and voicing by New York City radio personality Johnny Donovan. The video includes clips from all over, shot especially for the PSA, plus video of radio amateurs from IARU member-societies in Italy and Japan. Among the radio amateurs appearing in the video spot are Associazione Radioamatori Italiani (ARI) President Luigi Belvederi, I4AWX/AB1FJ, and Japan Amateur Radio League International Affairs Manager Jay Oka, JA1TRC/KH2J. Others include: Jack Parker, W8ISH; Kevin O'Dell, N0IRW, and his son Chris, N5CMO; Gary Pearce, KN4AQ, and wife Cyndy, KD4ACW; Nick Esposito, KC2ONP; Halley Orshan, KC2LYJ; and Emily Shaffer, KF4SUV. A low-resolution version is viewable on the ARRL Public Relations Web page <<http://www.arrl.org/pio/#pubserviceannouncements>> (scroll down to "Video Files"). A special high-definition television (HDTV) version is available if needed. Because copies are individually duplicated depending on the needs of the station and because of the costs of the disks, Pitts asks that "at least initially" requests be voluntarily limited to those who have contacts with a cable, TV or similar broadcast outlet and can get them shown to the public. To request a disk, e-mail the Hello campaign <hello@arrl.org> your name, mailing ad-

N4S special event to mark silver anniversary of first shuttle launch:

Members of the Titusville and the North Brevard Amateur Radio clubs in Florida will be on the air as special event station N4S Sunday, April 9, through Saturday, April 15, at the Florida Space Authority facility at the Kennedy Space Center/Cape Canaveral Air Force Station complex. The N4S special event will celebrate the silver anniversary of NASA's successful space shuttle program, which began with the launch of the shuttle Columbia on April 12, 1981. Through contacts with stations around the globe, the special event hopes to increase awareness of the many NASA men and women of space technology and note their accomplishments. A 25th anniversary certificate signed by Florida Lt Gov Toni Jennings on behalf of the Florida Space Authority is available upon request and an SASE to Carl Zelich, AA4MI, 1720 Old River Tr, Chuluota, FL 32766-8603. Full information is available on the North Brevard ARC Web site <<http://www.northbrevardradioclub.org/shuttleanniversary.htm>>.



The ARRL Letter Vol. 25, No. 15 April 14, 2006
It's a photo contest!

Have you ever wanted to see a photo of yours in QST, the annual ARRL Amateur Radio calendar or another ARRL publication? Well, here's your chance! Not only will your photographic skill be propagated far and wide, but we're offering a \$100 prize to the winning entry. The winning photo and three runners-up will be published in QST. All submitted photos will also be considered for the 2007 ARRL calendar. Photos must be received at ARRL headquarters by May 31, 2006. Subject matter must relate to Amateur Radio and be in good taste. Photos will be judged on overall quality and composition. Digital images or color prints are acceptable, but digital, images must have at least 300 dpi resolution. Email <upfront@arrl.org> digital images of up to 2 MB or copy to a CD and mail to ARRL Photo Contest, 225 Main St, Newington, CT 06111. All entries must include caption information describing where the photo was taken, along with the names and call signs of anyone appearing in the photograph. Photos submitted become the exclusive property of the ARRL, and decisions of the judges (QST editorial and production staff) are final. Only one entry per person is allowed. Good luck in the contest!

Questions for Extra Class License

1. (E1A09) What must an amateur station licensee do if a spurious emission from the station causes harmful interference to the reception of another radio station?
 - A. Pay a fine each time it happens
 - B. Submit a written explanation to the FCC
 - C. Forfeit the station license if it happens more than once
 - D. Eliminate or reduce the interference

2. (E1F20) What action must the coordinating VEC complete within 10 days of collecting the information from an examination session?
 - A. Screen collected information
 - B. Resolve all discrepancies and verify that the VEs' certifications are properly completed
 - C. For qualified examinees, forward electronically all required data to the FCC
 - D. All of these choices are correct

3. (E3A09) When a meteor strikes the earth's atmosphere, a cylindrical region of free electrons is formed at what layer of the ionosphere?
 - A. The E layer
 - B. The F1 layer
 - C. The F2 layer
 - D. The D layer

4. (E4E05) Why is an RF attenuator desirable in a receiver used for direction finding?
 - A. It narrows the bandwidth of the received signal
 - B. It eliminates the effects of isotropic radiation
 - C. It reduces loss of received signals caused by antenna pattern nulls
 - D. It prevents receiver overload from extremely strong signals

5. (E5G06) Why is a resistor often included in a parallel resonant circuit?
 - A. To increase the Q and decrease the skin effect
 - B. To decrease the Q and increase the resonant frequency
 - C. To decrease the Q and increase the bandwidth
 - D. To increase the Q and decrease the bandwidth

6. (E7D02) What condition must exist for a circuit to oscillate?
 - A. It must have a gain of less than 1
 - B. It must be neutralized
 - C. It must have positive feedback sufficient to overcome losses
 - D. It must have negative feedback sufficient to cancel the input

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Some Contents...

Presidents Message	1
Ham Profile: Kevin Bosworth	1
Events Calendar	2
ARES News: NIMS	3
ARRL News	4-5

