



# THE OHM TOWN NEWS

*Voice of the Bridgerland Amateur Radio Club*

OCTOBER 2000

<http://www.w7ivm.org>

## Ham Profile

By Boyd Humpherys W7MOY

Ever wonder who could copy 45 wpm and still talk to you all the while about other things in general? One candidate would probably be Leon Creger, W7NRV of Lewiston. Leon holds an Extra class license and has been licensed since 49. That's one or two after the spark gap heydays. Talking about yesteryear, Leon reminisced a bit and a few good ones are worth passing along. He mentioned hearing that the military operated a big SSB rig on Long Island back in 1927, with teletype on one sideband and voice on the other. Strange how the ham fraternity took so long in getting interested in that type of stuff. He also recalled an acquaintance who used a big Leece Neville alternator in his jalopy with a 304 jug in the output. If you can't figure out that jargon, give Leon a call and he'll clue you in. Now that is what we



call mobile QRM. I wonder if the vehicle ever faltered when he began to talk. One other ham related urban legend and we'll move on to other good stuff. He recalls some ham operations at the military base in Honolulu. It appears that the ham rig sat right next to the multi

kilowatt military rigs and it was said on occasion that the temptation was too great and many a transmission went abroad on the ham bands with a little extra horsepower. The greater than normal field strengths on the ham bands did not go unnoticed however and the gents from the local commission monitoring facility generally came calling, proffering their identification at the gate. This always prompted a quick telephone call to the boys at the shack who promptly put things in order. We cannot

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## President's Message

By Tyler Griffiths N7UWX

Well, it looks like summer is gone and fall is here. Time to get the outside antenna work done before the snow flies.

We finished up with the LOTOJA race and the Top of Utah Marathon. This was the second running of The Top of Utah Marathon and it went very smoothly, again, with out hardly a hitch except for the weather. I would like to personally thank each of you for your participation. With out each of your help these events would not happen.



I would like each of you to keep in mind that these kinds of public service events are the training we need to keep each of us trained and up to date on our equipment, so in the event we are called on to be communicators for a disaster, we are prepared!

Coming up next month will be elections. If you are interested, or know someone who is interested in being nominated and put on the ballot, please contact Farrell Garr KC7CWX or any other of the members of the board. Also coming up on October 21st, JOTA, Jamboree on the Air. If you are interested in helping with this Scouting event contact Clyde Best KD7EOZ at 563-9492.

73 de Tyler N7UWX

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LOTOJA and Top of Utah Marathon  
Great Success!!!

## **Club Officers**

<i>President</i> (435)752-7269	Tyler Griffiths <a href="mailto:Tyler.Griffiths@sficorp.com">Tyler.Griffiths@sficorp.com</a>	N7UWX
<i>Vice President</i>	Cheryl Thurgood	N7YUE
<i>Secretary</i> (435)752-1154	Nadene Mattson <a href="mailto:mattson19@home.com">mattson19@home.com</a>	KD7BGS
<i>Treasurer</i> (435)787-2984	Kathy Brooksby <a href="mailto:kathy@brooksby.com">kathy@brooksby.com</a>	KD7FXC

## **Board Members**

Farrell Garr (435)753-4332	KC7CWX <a href="mailto:garr@cache.net">garr@cache.net</a>
Dean Stevens (435)753-2644	N7WDY <a href="mailto:djstevens@sisna.com">djstevens@sisna.com</a>
Joe Corbett (435)752-3263	N7NJR <a href="mailto:ids@mtwest.net">ids@mtwest.net</a>

## **Newsletter Editor**

Dale Cox KB7UPW  
(435)563-3836 dalec@uswest.net

## **Repeater Committee Chairman**

146.72 Trustee  
Travis Roberts AG1T  
[ag1t@arrl.net](mailto:ag1t@arrl.net)

## VE Testing

Paul Hansen WO7N  
(435)753-4843

## **Emergency Coordinator**

Brian Potts KB7RUB  
(435)563-6467 lobpotts@ihc.com

vouch for that story, nor condone that mode of operation, however it does sound plausible.

Leon was born in Lewiston, graduated from North Cache, took some courses at the AC as it was then known, took a position with Union Pacific as a telegrapher in 49, retiring in 89.

He sports a handful of HTs, Kenwood 180, an NCX500, a Henry 2 KW, Heath SB220, & a couple of BC610s, (the latter rig will date most of you who recognize the numbers). A few years back he operated a multi element rhombic on 10 acres of his farm, all bands, but generally on 20. Oriented to the Northwest, it is said that he warmed up the arctic and orient a couple of

degrees. Most of us couldn't match that setup even with an easement on several neighbor's back yards.

He spent a hitch in Korea during the activity there, initially thinking he was headed for a rifleman or snipers appointment. When they realized he could burn up the ether as a brass pounder, his salvation was secure. He managed the MARS station and a few other good things.(see fellers, a little talent in the right area makes life a lot easier)

Of course radio is on the list of his activities, however scouting gave him some great experience, earning his Eagle rank. He built his present castle, and maintenance on the ranch keeps the shovels from rusting. Those of you who know Leon will recognize that he can spot a bargain from afar, and if you have some sort of purchase in mind, electronics or not, he might just come up with some good ideas.

He met his future spouse through a brother's wife in Richmond. Marilyn Humpherys, who was born in Smithfield decided he was the one, so she knowing that the hobby came with the package, decided to accept. She is an efficient homemaker, presently working on an Insurance and Securities license. She sews, reads, is interested in health topics and was a mid wife. Incidentally Marilyn sports a call of N7NMZ, most of you have heard her on the air. There was some talk of a rather obscure agreement that if he would learn to play the piano, she would get interested in Ham Radio. I think an invitation for a piano number at the next meeting would settle the question.

Their family consisted of 6 boys and 2 girls. One son Eric has a tech license and another son, Howard has a novice ticket. He mentioned that another son Carlyle, before he could write, was copying morse code, no doubt learning this from looking over dad's shoulder.

Leon probably remembers such names and things as Meisner, Henry Radio, water cooled finals, National, cycles versus Hertz, dimming lights, pole pigs, and PCB filled HV capacitors.

Keep up the good work Leon and Marilyn.

## Upcoming Events

- 21 Oct 00 Sun Up to Sun Down  
JOTA – Jamboree On The Air – Logan Fairgrounds

9 Nov 00 7:30 P. M.  
November Club Mtg. at Hyde Park City Offices  
Including election of next years Club Officers

9 Dec 00 8:00 A. M.  
VE Test Session – Campbell Scientific - Logan Ut.

## Jamboree on the Air 2000



From sunup to sundown on Saturday, Oct 21, the club will host scouts and other young men and women for the 2000 Jamboree on the Air (JOTA). We will meet in the pavilion on the Cache County fairgrounds, setup will start at 7:00 A. M. It has doors, windows, and a furnace, so we are *not* going to be stopped by the fall chill!

We'll do phone contacts, of course. We'll also let them try the key if they are adventurous. However, it would be great fun to give the youth opportunities to try APRS (take a drive!), RTTY, and even PSK31!

We still need more help and equipment. So far, only the usual folks are involved. It shouldn't be this way! If you enjoy amateur radio and sharing your knowledge and skills with other people, you ought to be there with us at least for part of the day. We should have some good HF rigs there so that we aren't subject to the whims of solar activity and the QSB that often hinders 10-m QSOs. We should come with materials and tools to build an antenna or two, and then use it to make some DX contacts. If you come and help, we will be able to do these things!

The scouts will be able to complete *some* of the requirements for the Radio merit badge. The merit badge book will be there, along with forms they can use to write down their explanations. However, they'll have more fun with the DOing requirements! There will be handouts with information on how to obtain the JOTA 2000 special event patch (image above).

You can help *after* Saturday by committing to work with a couple of scouts from your area to finish the merit badge over the next couple of weeks.

Encourage youth from your neighborhood to participate. Bring them if you must! There is no charge for anything that is planned.

We have been in contact with the Davis Amateur Radio Club and operators in Idaho so that we will definitely have calls coming in on the repeaters if the kids are not already making contacts calling "CQ Jamboree" or answering simplex calls.

To sign up for a time period and/or to commit some of your gear, please contact Clyde Best KD7EOZ at 750-9576 daytime or 563-9492 in the evening (kd7eozi@arrl.net).

### JOTA links:

<http://www.bsa.scouting.org/international/jota.html>

<http://www.arrl.org/ead/jota.html>



The November BARC Club Meeting will include elections for the upcoming year for the club. If you are interested in running for an office please contact one of the Board Members or Current Officers. If you would be interested in running for an office and would like to let people know about you and your interests, you can write a short article that may be published in the November issue of The Ohm Town News. Please e-mail your information to one of the Board or to the editor as listed in the Club Officers section of this newsletter by October 25<sup>th</sup>.



### Questions for the general class license.

1.(G1A02) What are the frequency limits for General class operators in the 75/80-meter band (ITU Region 2)?

- A. 3525 - 3750-kHz and 3850 - 4000-kHz
- B. 3525 - 3775-kHz and 3875 - 4000-kHz
- C. 3525 - 3750-kHz and 3875 - 4000-kHz
- D. 3525 - 3775-kHz and 3850 - 4000-kHz

2.(G1B02) If the FCC Rules DO NOT specifically cover a situation, how must you operate your amateur station?

- A. In accordance with general licensee operator principles
- B. In accordance with good engineering and good amateur practice
- C. In accordance with practices adopted by the Institute of Electrical and Electronics Engineers
- D. In accordance with procedures set forth by the International Amateur Radio Union

Answers for questions on page 4: 3-D, 4-A, 5-B, 6-A

3.(G1E02) Under what circumstances may a 10-meter repeater retransmit the 2-meter signal from a Technician class operator?

- A. Under no circumstances
- B. Only if the station on 10 meters is operating under a Special Temporary Authorization allowing such retransmission
- C. Only during an FCC-declared general state of communications emergency
- D. Only if the 10-meter control operator holds at least a General class license

4.(G1F05) What is the maximum symbol rate permitted for packet emissions below 28 MHz?

- A. 300 bauds
- B. 1200 bauds
- C. 19.6 kilobauds
- D. 56 kilobauds

5.(G2A02) Which sideband is commonly used on 3925-kHz for phone operation?

- A. Upper
- B. Lower
- C. Amplitude compandored
- D. Double

6.(G2B02) If a net is about to begin on a frequency which you and another station are using, what should you do?

- A. As a courtesy to the net, move to a different frequency
- B. Increase your power output to ensure that all net participants can hear you
- C. Transmit as long as possible on the frequency so that no other stations may use it
- D. Turn off your radio

Answers for questions on page 3: 1-A, 2-B,

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