



# WATTS NEWS

*Welcome to the OARC e-Magazine*

[www.OgdenArc.org](http://www.OgdenArc.org)

**FEBRUARY 2006**

Next Club Meeting

**3<sup>rd</sup> Saturday February 18, 2006**

**Topic:** (check web site home page for breaking news)

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*OARC OFFICERS*

President: Mike Fullmer KZ7O  
Vice Pres: Kent Gardner WA7AHY  
Secretary: Chad Roylance KD7WQS  
Treasurer: Jim Southwick N7JS

Director #1: Charles Horn KD7SST  
Director #2: James Clarke KD7SWL

*"WATTS NEWS" e-Magazine*

Editor: Val Campbell K7HCP  
Photos: Maggi Campbell N7HCP

*OTHER CLUB FUNCTIONS*

Webmaster: Val Campbell K7HCP  
VE Liaison: Mary Hazard W7UE  
Repeater Engr: Mike Fullmer KZ7O  
Past President - Advisor:  
Gary Liptrot N7ZI

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## PREVIOUS CLUB MEETING

3<sup>rd</sup> Saturday January 21, 2005

Mike, our president, was unable to attend the meeting this month do to a family schedule conflict so Kent WA7AHY, our vice president, conducted the meeting. And a good job he did. About 30 members were in attendance. As usual, door prizes were available to the lucky ones who had their winning ticket drawn from the "hat" (actually a coffee cup). The lucky winners this month were:

- Winnie - KE7EEJ
- Mike - W7DNI
- Gary - N7ZI
- Maggi - N7HCP
- Beth - KE7ELF
- Kay - N7KH
- Karly Bone

Kent made announcements about the new CLUB BANNER(s) that we are having made to use at special events and activities. They both will be 30" high x 6 feet long, club purple lettering on a white background with the club web site address in smaller lettering on the second line. Look for the banner to be displayed at the Northern Utah Hamfest, Field Day sites and Swap Meets as well as other special outdoor events.

Kent had another announcement regarding the Northern Utah Hamfest date change which was originally scheduled on the 3<sup>rd</sup> Saturday of April but had been rescheduled to the 4<sup>th</sup> Saturday, April 22, 2006. This was done to avoid any family conflicts with Easter weekend this year.

Mel Parkes AC7CP (ARRL Utah Section Manager) announced that we now have a new ARRL president. Joel Harrison, W5ZN, has been elected ARRL's 14th President and will be the League's president for the next two years. He'll succeed Jim Haynie, W5JBP. Mel also reminded us of the Utah VHF Society swap meet in SLC coming up on February 25<sup>th</sup> and about WIMU hamfest on the first weekend in August at Jackson Wyo. See our club web site home page for links and information.

The meeting topic this month was **"Homebrew with a twist"**. Many members brought things they have built recently to share with the other club member so that we all could benefit from their experience and excitement. A special invitation was presented to James Clarke KD7SWL, the winner of last year's hamfest raffle, to tell us about his new **Icom 703 HF Transceiver**. Also, Kent Gardner WA7AHY, the winner of the December family dinner door prize, told us about his new **Yaesu VX-2R Handy Talkie**.

Homebrew Project Presenters included: (see PICs below and on the club web site)

- Kent - WA7AHY >>> Vx5R, Vx7R, Battery Charger kit, SoftRock40 SDR Radio kit, Heath kit
- James - KD7SWL >>> IC-703 HF QRP transceiver, Small Wonder Labs - Rock Mite kit
- Jim - N7JS >>> Audio Snooper - Edwards Scientific parabolic audio receiver w/Ramsey amp
- Charles - KD7SST >>> Elk Mtn dual band beam antenna, Emergency kit
- Ray - K7RFW >>> Marine Radio 40 Mhz antenna, Ham band Twin lead J-pole antenna
- Tom - KE7EEH >>> Mobile VHF mag mount antenna converted from CB antenna
- Gary - N7ZI >>> Portable/Mobile Power Sequencer control box
- Stan - WOKP >>> 20 meters QRP transceiver kit - SSB, CW, PSK31
- Mike - KD7TZD >>> various Printed Circuit board projects

As usual, we had juice and donuts to snack on during the meeting. Jim brought the treats but forgot the cups. Alan saved the day when he showed up with cups in hand. See you at our next meeting.

73, Val K7HCP

# A Message from our President

Mike Fullmer KZ7O

It is February and winter is still here. At least it is a mild winter. Better for climbing on the roof or towers to work on antennas.

I missed the meeting in January, but I heard it was a good meeting with lots of show and tell stuff. I will be there for this months meeting.

Speaking of meetings, I will also be at the VHF Society swap meet the week after our club meeting. This is always an enjoyable event. I like to look at all the junk and say hi to people that I do not see very often.

I traveled to Singapore this past month and was thinking it would be fun to take a HF radio with me and make contacts, but I did not even check into what it would take to get licensed. I did do this in Australia a couple of years ago. I went there for work and took a little CW QRP 40m radio. I found the local government office and got my license

(VK4KZZ) while there. I also took my handheld. I strung a wire antenna around my hotel room, but it was on the ground floor and did not hear much. I did call CQ on 40m several times but never got any answers. I heard a couple of repeaters on 2m also but was not successful at making any contacts on this either. What I really needed was a taller hotel and to be on one of the upper floors.

I did have email communication in Singapore however. Val, K7HCP, asked if I was a DX station on email!

I just purchased a bunch of door prizes for the club meetings so we have been restocked now. We like to give away several at each meeting and now have enough to last for a while.

73s for this month,

Mike, KZ7O

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# CLUB NEWS

## Next Club Meeting

**When:** 3rd Saturday February 18, 2006  
**Time:** 09:00 AM  
**Location:** Riverdale Fire Station  
**Topic:** TBA (check web site home page for breaking news)  
**Talk-in:** -146.82 (pl=123)

## Weber VE Test Session - Feb 1, 2006

**Congratulations** to the following Amateur Radio Operators who attended a recent Weber County VE Test Session, or a sister club test session and successfully pass the designated exams. They should receive their new licenses before our next club meeting. We hope to see each of you attend, and remember to bring a friend.

### February - New and Upgrade Hams

- **Toby Scott - KE7GKB - New Technician Class**
- **Thomas Harrington - KE7EEH - Upgrade to General Class**

## Beacon in a Box

In the August issue of this newsletter we published a feature article titled "Beacon in a Box" by Jim Southwick N7JS. We are now proud to announce that his article was just published in the February 2006 issue of CQ Magazine p.52. Check it out.

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## MORE CLUB NEWS

### Club Badges

OARC Club badges are once again available for all club members and non-members. The cost is \$8.00 each. You can order the badge with either a "PIN" clip or a "MAGNETIC" clip. Badge includes your Call Sign in large letters and your First Name in a somewhat smaller font in white lettering on a pitch black background. See example below.

Place your order along with \$8.00 in advance for each badge ordered and specify Pin or Magnet style fastener, Call Sign and First Name.

Contact **Director #2**: James Clarke KD7SWL via email or see him at the next club meeting. See web site [www.ogdenarc.org](http://www.ogdenarc.org) "Club Officers" page.

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### Support your Radio Club >>> [Join OARC and ARRL](#)

- Membership in OARC is complimentary for remainder of 1st year licensed.
  - Reduced membership dues for 1/2 year memberships.
  - ARRL "joins" thru OARC benefits your local club without additional cost to you.  
(ARRL joins thru the club will receive the new Repeater Directory valued at \$10.95 as a gift.)
  - ARRL "renewals" thru OARC also benefit your club without additional cost to you.
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## Repeater Update for February 2006

### **146.90 Repeater - Little Mountain**

The 146.90 Repeater had some hiccups in January. It seemed that after it had been on steady for 30 minutes or more it started to drop out. It just stopped working. Then after 15-30 seconds it came back. After some experimenting by some of the users it was determined that it was the 146.90 radio, not the controller.

I went and visited the repeater site and did two things. First I plugged the fan back in on the transmitter. It had been unplugged from when the output power was down at 5 watts. It is now up to about 20 watts. Second, I put a larger wire on the power line going to the transmitter to increase the voltage at the transmitter.

I do not know for sure which solved the problem, but the repeater seems to work ok now. So I am considering it fixed for now.

### **448.575 Repeater - Little Mountain**

The 448.575 Repeater is now listed on the VHF Society Repeater List. I communicated with the VHF Society last month and got it listed. It has never been listed even though it has been operational for more than a year.

As always, if you could make a donation to the repeater fund either to assist with maintenance or autopatch we could use it. Just make a check out to OARC and give to any officer or mail it to:

OARC  
PO Box 3393  
Ogden UT 84409

Mike, KZ7O

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# AR HOBBY NEWS

## *UVHFS News*

Utah VHF Society swapmeet will occur on Saturday, February 25, 2006 at 8 AM!

- At the Utah State Fairpark. This is located along the north side of North Temple at about 10th West. The festivities will be in the Zion building - the same building as last year - and the year before that, and the year before that... The Zion building is located next to Gate B (*see map*) in building 34. **If you have any doubt, just follow the crowd.**

For a map and other details, go to the UVHF Swapmeet web site. See link on the OARC web site home page.

### ***How to get to the 2006 Utah VHF Society Swapmeet:***

*The main entrance of the Utah State Fairpark - the scheduled site of the 2006 UVHFS swapmeet and those of recent past.*

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# FEATURE ARTICLE

## 60 GREAT THINGS ABOUT HAM RADIO

(CQ 1945-2005 >>> 60 Years)

### **Great Things About Ham Radio**

01. Ham radio works when nothing else does
02. Being a ham makes you part of a worldwide community
03. Unexpected band openings
04. Working DX while mobile or hiking
05. Where else can you play with meteors?

### **More Great Things About Ham Radio**

06. Some of the nicest people you'll ever meet
07. Some of the smartest people you'll ever meet
08. Some of the most interesting people you'll ever meet
09. Some of the most generous you'll ever meet (and some of the cheapest)
10. Friends around the world (including those you haven't met yet)

### **Things Non-Hams Can't Do**

11. Talk to someone/anyone in a very remote location
12. Talk to an astronaut aboard a space station
13. Have a TV studio in their home
14. Have a satellite Up-Link in their home
15. Have a group sponsored fleet of communication satellites

### **Opportunities For Hams**

16. The opportunity to help neighbors by providing public service and emergency communications
17. The opportunity to go interesting places
18. The opportunity to do interesting things you might not otherwise do
19. The opportunity to expand your knowledge of geography
20. The opportunity to expand your knowledge of earth and space science

### **Good Ways For Hams**

21. A good way to get driving directions when visiting someplace new
22. A good way to find the best places to eat when visiting someplace new
23. A good way to keep in touch with faraway friends and relatives
24. A good way to practice a foreign language
25. A good way to keep tabs on elderly/infirm people

### **Ways In Which Ham Radio Quietly Educates You While You're Having Fun.**

26. Informal ways to improve technical skills
27. Informal way to improve communication skills
28. Practical uses for high school math
29. Practical uses for high school physics
30. A good way to learn about virtually any topic

### **Potpourri Of Great Things About Ham Radio**

31. Lifelong friendships
32. Finding "non-touristy" off-the-beaten-path places to stay, eat, visit, etc.
33. A good way to bridge the generation gap
34. People named Joe
35. Moonbounce

**DX'ing**

36. Working DX
37. Being Dx
38. DXpeditions
39. Contesting
40. Award Chasing

**Ancillary Benefits offered by Ham Radio**

41. Introduces a variety of career paths
42. Offers unparalleled opportunities for career networking
43. Opportunities for competition and foxhunting
44. A good way to collect cool postcards from around the world
45. Nearly endless variety of different things to do, on and off the air

**Great things about Unusual Propagation**

46. Worldwide DX on 6 meters (once or twice every 11 years)
47. Double-hop sporadic-E
48. ropospheric ducting
49. TEP and aurora
50. Gray-line propagation

**Great things about Ham Activities**

51. Hamfests
52. Dayton
53. Field Day
54. Building your own gear
55. Using gear you've built yourself

**Challenges and Pleasures of being active**

56. Operating QRP from a remote locaton
57. Getting through on CW when nothing else will
58. Expermenting with new modes and technology
59. Expermenting with antennas
60. Reading CQ

*CQ Magazine (January 2005 - December 2005)*

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# ANNOUNCEMENTS

## Next Club Meeting:

**3<sup>rd</sup> Saturday February 18, 2006**

- The Ogden Amateur Radio Club meetings are held on the **3<sup>rd</sup> Saturday** of each month.
- **Time: 9:00 AM**
- **Location: Riverdale Fire Station**
- **Topic: TBA (check web site home page for breaking news)**
- **Talk-in: -146.82 (pl 123.0)**

Check OARC web site for details

[www.ogdenarc.org](http://www.ogdenarc.org)

- Please invite a friend to join you. You do not have to be a member of the club to participate in our club meetings or activities. We invite all to join us.
- If anyone is interested in doing a presentation on something or just have something unique to show at the meetings.
  - Please get a hold of any of the officers and let us know.

## Next Weber Co VE Test Session:

**June 07, 2006 (Wednesday)**

- Exam sessions are held in Ogden every few months, *usually* the first Wednesday in February, June, and October.

**Time: 05:00 PM** *Walk-ins allowed*

**Location:**

**WEBER CENTER  
2380 Washington Blvd,  
Room # 112  
OGDEN, UT 84401**

**Contact: VE Liaison:**

**Mary Hazard** [w7ue@arrl.net](mailto:w7ue@arrl.net) (801-430-0306)

**Cost: \$14.00**

Two forms of **ID**, one of which must be a **picture ID**.

For "Upgrades" bring current **license** and a **copy** of current license, and any **CSCE's**

Most **calculators** allowed. Calculator memories must be cleared before use.

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## Club Web Site

Be sure to visit our club web site.

- [www.OgdenARC.org](http://www.OgdenARC.org)

Club membership is open to anyone interested in Amateur Radio. You do not need an amateur license to join us. Dues are used to operate the club, field day activities, and repeater equipment maintenance.

You do not need to join the club to participate with us.

## Club Call Sign

Listen to the club repeaters for this very familiar CW ID. You do know Morse Code don't you?

- **W7SU**

ARRL Field Day is held on the last full weekend of June every year.

Location may vary each year so watch this notice for details as time draws near.

See you there.

OARC REPEATERS			
FREQ	CLUB	TONE	LOCATION
146.820-	OARC	123.0	Mt Ogden "Talk-in"
448.600-	OARC	123.0	Mt Ogden
146.900-	OARC	123.0	Little Mtn (w/auto patch)
448.575-	OARC	100.0	Little Mtn (w/auto patch)

OTHER AREA REPEATERS			
FREQ	CLUB	TONE	LOCATION
146.620-	UARC	none	Farnsworth Pk
147.120+	UARC	100.0	Farnsworth Pk
449.100-	UARC	146.2	Farnsworth Pk
449.500-	UARC	100.0	Farnsworth Pk
147.040+	DCARC	123.0	Antelope Isl
447.200-	DCARC	127.3	Antelope Isl
449.925-	DCARC	100.0	No Salt Lake
145.290-	UBET	123.0	Brigham City
145.430-	UBET	123.0	Thiokol
448.300-	UBET	123.0	Thiokol
146.640-	BARC	none	Logan
146.720-	BARC	103.5	Mt Logan
147.260+	BARC	103.5	Promontory Pt
449.625-	BARC	103.5	Mt Logan
145.250-	WSU	123.0	* coming soon
449.250-	WSU	123.0	* coming soon
145.490-	K7HEN	123.0	Promontory Pt
146.920-	N7TOP	123.0	Promontory Pt
449.775-	N7TOP	123.0	Promontory Pt

**AREA CLUB MEETINGS & WEB SITES**

CLUB	WEB SITE	DATE/TIME	LOCATION
Ogden ARC	<a href="http://ogdenarc.org">ogdenarc.org</a>	3 <sup>rd</sup> Saturday 09:00 am	Check OARC web site ...
WC ARES	<a href="http://ogdenarc.org/join.html#ares">ogdenarc.org/join.html#ares</a>	2 <sup>nd</sup> Thursday 06:30 pm	Weber Co. Library Ogden Utah
WC Sheriff Comm-O		1 <sup>st</sup> Saturday 09:00 am	Weber Co. Sheriff Complex West 12 <sup>th</sup> Street Ogden Utah
Barc	<a href="http://barconline.org">barconline.org</a>	2 <sup>nd</sup> Saturday 10:00 am	Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut
CSERG	<a href="http://dcarc.net/ares.htm/">dcarc.net/ares.htm/</a>	Last Wednesday 8:30pm	Clearfield City Hall Clearfield Utah
Dcarc	<a href="http://dcarc.net">dcarc.net</a>	2 <sup>nd</sup> Saturday 10:00 am	Davis Co. Sheriff Complex Farmington Utah
NU Ares	<a href="http://home.comcast.net/~noutares/">home.comcast.net/~noutares/</a>	3 <sup>rd</sup> Wednesday 7:00 pm	Cache Co. Sheriff Office Logan Utah
Uarc	<a href="http://xmission.com/~uarc/">xmission.com/~uarc/</a>	1 <sup>st</sup> Thursday 7:30 pm	UofU EMC Bldg Room 101 Salt Lake City Utah
Ubet	<a href="http://27meg.com/~k7ub/">27meg.com/~k7ub/</a>	4th Thursday 6:30 pm	BE-Thiokol: 24 East 100 South Brigham City Utah
Utah DX Association	<a href="http://udxa.org">udxa.org</a>	3 <sup>rd</sup> Wednesday check web page for details	check web page for details Salt Lake City area
UvhfS	<a href="http://ussc.com/~uvhfs/">ussc.com/~uvhfs/</a>	Each Tuesday 8:00 pm (refer to web site)	Weekly 2 meter net (no eye ball meetings)
WD Arc	<a href="http://westdesertarc.org/">westdesertarc.org/</a>	1 <sup>st</sup> Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	<a href="http://arcweber.edu">arcweber.edu</a>	3 <sup>rd</sup> Thursday 5:30 pm	WSU Blding #4 Room ? Ogden Utah

LOCAL AREA NETS		
DATE	CLUB	FREQ
Daily @ 12:30 PM mst	Utah Beehive net HF	7.272 Mhz <b>HF LSB</b>
Daily @ 07:30 PM mst	Utah Code net HF	3.708 Mhz <b>HF CW</b>
Daily @ 08:00 PM mst	Utah Farm net HF	3.937 Mhz <b>HF LSB</b>
Sunday @ 8:45 AM	Ogden Old Timers HF net	7.193 Mhz <b>HF LSB</b>
Sunday @ 7:30 PM	UBET ARC	145.430 - 123.0 (training net)
Sunday @ 8:30 PM	SATERN Net	145.900 - 123.0
Sunday @ 9:00 PM	Morgan	147.060 = simplex
Sunday @ 9:00 PM	UARC Info net	146.620- no PL tone required
Monday @ 9:00 PM	2-meter SSB net	144.250 Mhz <b>2-meter USB</b>
<b>Tuesday @ 6:30 PM</b>	<b>Weber ARES</b>	<b>448.600 - 123.0</b>
Tuesday @ 8:00 PM	VHF Society Swap	147.120 + 100.0
Tuesday @ 9:00 PM	Bridgerland ARC	147.260 + 103.5
Wednesday @ 8:00 PM	UBET ARC	145.290-, 145.430-, 448.300- (all 123.0)
Wednesday @ 8:30 PM	CSERG	145.770 simplex
Wednesday @ 9:00 PM	No Utah 10m HF net	28.313 Mhz <b>HF USB</b>
Wednesday @ 9:00 PM	6-meter SSB net	50.125 Mhz <b>6-meter USB</b>
Thursday @ 6:30 PM	Davis Co Elmers Net	147.040 + 123.0 <b>New Hams</b>
Thursday @ 7:00 PM	Davis ARES	147.420 = simplex
Thursday @ 8:00 PM	Weber State ARC	146.820 - 123.0 (coming soon)
Thursday @ 8:00PM	RACES State VHF	145.490 - 123.0, 146.680 - 123.0 3 <sup>rd</sup> Thursday - even months only
Saturday @ 8:00AM mst	RACES State HF	3.918 Mhz <b>HF LSB</b> 3 <sup>rd</sup> Saturday – odd months only
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz <b>HF LSB</b>

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**73 es cul de W7SU**

[www.OgdenArc.org](http://www.OgdenArc.org)

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