



# WATTS NEWS



## **The Best of Amateur Radio**

*Welcome to the OARC e-Magazine*

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

**SEPTEMBER 2009**

Next Club Meeting

**3rd Saturday September 19, 2009**

**Topic: Joint Club Swapmeet**

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### OARC OFFICERS

President: Kim Owen KO7U  
Vice Pres: James Clarke KD7SWL  
Secretary: Larry Griffin AD7GL  
Treasurer: Jeff Anderson KD7PAW

Director #1: Justin Doxford KE7ROQ  
Director #2: Tom Harrington AF7J

### "WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

### OTHER CLUB FUNCTIONS

Webmaster: Val Campbell K7HCP  
Past Pres Advisor: Kent Gardner WA7AHY  
Board Advisor: Stan Sjol WOKP  
Repeater Engr: Mike Fullmer KZ7O  
VE Liaison: Mary Hazard W7UE

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# PREVIOUS CLUB MEETINGS

3rd Saturday August 15, 2009

## OARC annual Steak Fry event

August is the month that OARC holds our annual Steak Fry outing and this year was no exception. As usual it was held on the 3rd Saturday in August at our favorite place, the Pleasant View 'Shady Lane Park'. Steaks were \$5 each for a very good Rib Eye. Even though we had a slow start cooking the steaks because of a fussy BBQ grill pressure regulator, Justin Doxford KE7ROQ and Kent Gardner WA7AHY got the job done.

This meeting is also our annual membership drive where we collect dues for the next year. If you were not able to attend the steak fry meeting, rest assured we will be glad to take your membership renewal at any club meeting later this year.

This meeting is also when we elect new club officers for the 2009-2010 calendar year. Check out the table below for the line-up of our New Club Officers'...

## Officers 2009-2010 OARC Club Officers and Board Support Staff

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Following are some pics from this event. Hope to see you there next year.

[Steak Fry Pics go here](#)



## CLUB BUSINESS

**Congrats to the following who successfully tested at the Weber County  
VE Test Session on 1st Wednesday 02 September 2009**

Turberville, Jerry L	Extra	KF7DSB
Gellett, James A	Tech	KF7ENE
Ritter, Judd L	Tech	KF7END
Kendall, Keven S	Tech	K7FENF
Yocus, Anthony J	Tech	KF7EOW
Steimle, Nathan	Tech	KF7ENI
Trussell, David N	Tech	KF7ENC
Nelson, Paul A	Tech	KF7ENH
Matthews, Wesley W	Tech	K7FENG

Thanks to the following Volunteer Examiners that assisted at this test session:

- Mary Hazard W7UE (VE Liaison)
- Kenneth Wilson N7OG
- Brad Bate N7SWW
- Larry Griffin AD7GL
- David Black AC7QO
- Alan Bryner KK7UD
- Kim Owen KO7U
- Richard Rohde W7DAX

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OARC's O'bay (On-Line Swap-Meet) SALE/WANTED ITEMS NEEDED

OARC's **O-bay (On-Line Swap-Meet) sale/wanted items needed** for the web site...

Visit <http://www.ogdenarc.org/> then click on **Swap-Meet**

## MORE CLUB BUSINESS

### OARC Club Badges (repeat notice)

OARC Club badges are still 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 any club officer via email or see them at the next club meeting. See web site [www.ogdenarc.org](http://www.ogdenarc.org) "Club Officers" page.

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### ARRL Membership (repeat notice)

If you want to [join ARRL](#), our club can retain \$15 for each NEW regular or senior membership and \$2 for each RENEWAL submitted. A NEW MEMBER is defined as any individual who has never been a member of ARRL or any individual who has not retained a membership for two or more calendar years prior to the application submission. A RENEWING MEMBER can renew at anytime, even before their current membership term expires. If you're joining both the club and ARRL write one check payable to the club and mail both application forms to the club PO Box or contact our club **Treasurer**.

#### 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 through the club will receive the new Repeater Directory valued at \$10.95 as a gift.
  - ARRL renewals thru OARC also benefits your local club without additional cost to you.
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### OARC Yahoo Group (repeat notice)



Are you missing out? Join the OARC Yahoo Group and receive/send club related emails/messages, posting and club information. Just click on the Yahoo Group Icon at the top of the OARC website home page and join up.

## OTHER CLUB BUSINESS

### Southern Idaho ARC's Joint Swapmeet

The general area of the Twin Falls/Burley and Pocatello ham clubs joint swap meet. It was held at the Armory near the Burley airport on 22 August 2009. Overall it was a respectful showing.

TNX 73, Kent Gardner WA7AHY

Swapmeet pics go here

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# CALENDAR of EVENTS

- Oarc "T"-Hunt
    - 3rd Saturday 18 July 2009 : 11:00 AM
    - Meet at Riverdale Fire Station (following club meeting)
  
  - Oarc Steak Fry/Officers Elections/Membership Renewal-Enrollment
    - 3rd Saturday 15 August 2009 : 5:00 PM
    - Shady Lane Park - 600 W 3000 N Pleasant View UT
  
  - Southern Idaho ARC's Joint Swapmeet
    - Saturday 22 August 2009 : 10:00 AM
    - Burley/Rupert area, Burley National Guard Armory - south parking lot
      - Twin Falls, Pocatello, Burley/Rupert area clubs combined activity
    - No fees - admission is FREE for buyers and sellers
    - Call-in Mt Harrison repeater 147.000 Mhz (PL=100 Hz)
    - [www.pocatelloarc.org](http://www.pocatelloarc.org)
  
  - DCarc/Oarc/Uarc Joint Annual Swapmeet (note new location)
    - 3rd Saturday 19 September 2009 : 08:00 AM
    - Bountiful City Park - 100 W 400 N Bountiful UT
  
  - Barc Swap/Oberfest
    - Saturday 10 October 2009 : 8:00 AM - 3:00 PM
    - Cache County Fairgrounds Pavilion - 450 S 500 W Logan UT
    - Free admission, Swap Tables \$10 at door, \$8 online Paypal
    - Raffle tickets \$5 each at door
    - [www.barconline.org](http://www.barconline.org)
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# FROM OUR PRESIDENTS SHACK

[Kim's pic goes here](#)

**Kim Owen KO7U**

From Kim's Shack.....

I would like to start off by saying thanks to all those that make OARC work. A special thanks to those outgoing club officers. They are making the transitions very smooth. We are a small club in size but we have a rich heritage. OARC is the second oldest radio club in Utah. Check out ARRL to see how long we have been affiliated with ARRL [http://www.arrl.org/FandES/field/club/detail.html?master\\_id=0004000908](http://www.arrl.org/FandES/field/club/detail.html?master_id=0004000908).

There are many benefits of ARRL membership, check them out on the ARRL's web page. Affiliation requires a majority of our members to belong the league. We have a great group of club officers. I am looking forward to working with them this following year. Our first board meeting will occur after the joint swap meet with DCARC and UARC.

Let me tell you a little bit about myself. I am Kim, KO7U. I received my Novice license in 1991 as KB7NQG. A short time later I upgraded to Technician and was given the call sign N7WLW. I didn't do anything with radio for a number of years. In fact, I was considering letting my license expire.

I changed jobs at HAFB and went to work at Little Mountain. Little Mountain is a very interesting test facility that provides harsh environments to Air Force systems. There, I met Chuck Simson K7JXY, a Boeing engineer. He prodded me to get more involved in Amateur Radio. Later I was traveling on business in Anaheim, California and drove past the Ham Radio Outlet store there. I went inside and gave them my travel per diem money for an Icom handheld radio, a repeater directory and a General class study manual (I had to eat at McDonalds for the rest of the week). Silly me, I thought I was going to go back to the motel and make my first contact. The Ni-CADS required charging and the radio required programming. My first contact didn't happen until I came back home and got some help programming the radio. Two months later I upgraded to my Extra class license.

With the long gap of inactivity in radio, I had to learn morse code again. My last code contact was a few weeks ago with a VE7 station on 10 meters. Code is one of my favorite modes and it is my ambition to become proficient in contesting with code. I have three towers, ~~all horizontal~~. There are several Hams in the club have teased me about it. However, I expect to erect the big tower soon.

This last weekend Stan/WOKP, my son Andy (on the forklift) and I mounted the tower on the erection kit. I have cranked the tower off of the ground so my confidence is increasing that it is really going to happen. [UPDATE, make that two horizontal towers and one vertical, see the last picture.](#)

My antenna needs to be assembled; I have the cable and rotator. I still need a rotator plate and cable standoffs which I will manufacture or have made for me. Currently my radio shack at home is under construction too, I've moved it into a larger room in the basement.

My most notable radio achievement was the article that was published in QST June 2006. I am a Volunteer Examiner (VE) for ARRL and the W5YI group. I participate in ARES, RACES and support various public service events.

73 de Kim/KO7U

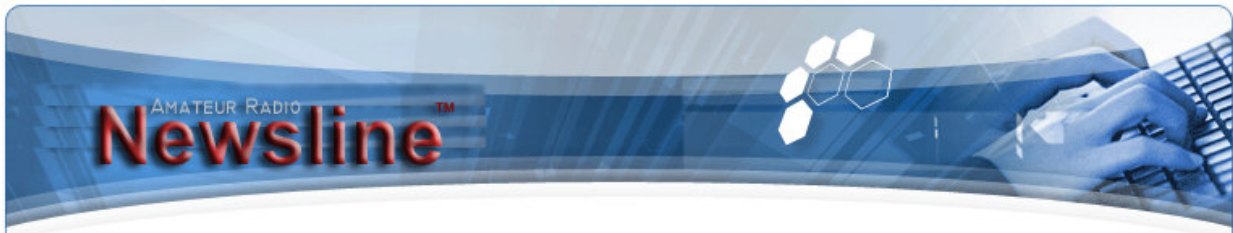
[Kim's tower pics go here](#)

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# NEWS ARTICLES



**The K7RA Solar Update** (Sep 4, 2009) -- This week we saw another one of those fast-disappearing sunspots - it lasted just two days, over the last day of August and the first of September. No other sunspots were observed during the month of August. Sunspot numbers for August 27-September 2 were 0, 0, 0, 0, 12, 12 and 0 with a mean of 3.4. The 10.7 cm flux was 67.7, 67.9, 68, 67.2, 68.3, 69.1 and 68.2 with a mean of 68.1. The estimated planetary A indices were 5, 2, 2, 19, 5, 4 and 3 with a mean of 5.7. The estimated mid-latitude A indices were 4, 2, 2, 12, 5, 2 and 2 with a mean of 4.1.



**WORLDBEAT: RADIO CHINA TO VACATE 7.1 TO 7.2 MHz HAM SPECTRUM**

Good news for hams who use 40 meters. The IARU Region 1 website reports that Radio China is to stop broadcasting on five frequencies in the 7.1 to 7.2MHz range.

Chinese authorities say that they have made frequency adjustments to their broadcasting schedule as it affects all transmissions that were previously operating in the new, exclusive, worldwide 7.1 to 7.2MHz amateur radio band. Transmissions from the Radio China transmitters should be out of that spectrum shortly. (ARRL, WIA, others)

**ENFORCEMENT: FCC ORDERS TV STATION TO STOP ITS ANALOG AUDIO TRANSMISSIONS**

The FCC has ordered a television broadcaster to cease its audio transmissions on 87.9 MHz in the FM broadcast band. Since last June 12th conversion of all TV from analog to digital the digital signal of Freedom Broadcasting's WRGB-TV, channel 6 in Schenectady, New York has been broadcasting its audio over analog 87.9 FM, but it was apparently without permission.

Now the FCC orders that the station cease doing so immediately and WRGB has complied. Station manager Robert Furlong admitted in a posting to the stations website that it did have FCC authorization to transmit any analog signal at this time. Furlong said that the station is reviewing for getting the station back on FM. (FCC)

# SPECIAL ARTICLE

By Dan Romanchik, KB6NU

Hi, folks--

When I posted a version of this to my blog, it was quite controversial, so be prepared for that.

73! Dan KB6NU

==== start column ====

Passing the Tech Test

I teach One-Day Tech classes. At the start of each class, I go over the following to help focus students on what to keep in mind when taking the test. It occurs to me that these are good tips no matter who is taking the test, so if you know someone who will be testing soon, please feel free to pass along this advice.

Technical Topics

The Tech test is not very technical, but there are three technical topics that you need to know:

- \* Ohm's Law,
- \* how to calculate power, and
- \* the relationship between frequency and wavelength.

Ohm's Law

The basic formula for Ohm's Law is voltage (E) equals current (I) times resistance (R), or  $E = I \times R$ . On the test, there are several questions where they give you two of the values and ask you to calculate the third. If you're asked to calculate the current, you use the formula,  $I = E / R$ . If you need to calculate the resistance, use the formula  $R = E / I$ .

How to Calculate Power

The formula for calculating power is power (P) = voltage (E) times current (I), or  $P = E \times I$ . To calculate the current drawn, when given the power being consumed and the voltage applied to the circuit, use the formula  $I = P / E$ .

Relationship Between Frequency and Wavelength There are several questions that require you to calculate the wavelength of a signal or some fraction of the wavelength. The reason for this is that antennas are often a fraction of a wavelength.

The formula that describes the relationship between frequency and wavelength is wavelength in meters =  $300 / \text{frequency in MHz}$ . One question asks for the approximate length of a quarter-wavelength vertical antenna for 146 MHz. To figure that out, you first calculate the wavelength:

wavelength =  $300/146 = 2.05$  m or about 80 inches

One quarter of 80 inches is 20 inches, and the antenna will actually be a little bit shorter than that because radio travels more slowly in wire than it does in free space. The correct answer to this question is 19 inches.

That's all there is to the technical part of the test!

Safety

There are lots of questions on the test about operating safely and being safe when working on antennas. My advice when answering these questions is to always choose the most conservative answer. The two exceptions are when asked what is the lowest voltage and current that can hurt you. For these questions, the correct answer is the second lowest choices.

## Emergencies

There are lots of questions about what to do in emergencies. There are two things to keep in mind when answering these questions:

\* You should do whatever you can to help someone who is in an emergency situation.

\* You can even break the rules to help someone in an emergency situation. This includes operating on frequencies you are normally not allowed to operate on and communicating with other stations in other radio services.

## Miscellaneous Tips

Here are a couple of other miscellaneous tips:

\* The answer is 'D.' If one of the answers to a question is, "D. All of these answers are correct," chances are that is the correct answer. There are 18 questions with this option, and of those 18 questions, there are only two questions--T3B06 and T5B03--where that is not the correct answer.

\* Long-Answer Rule. Where one answer is a lot longer than the other options, chances are that this is the correct answer. I haven't done an exhaustive study of this, but when one answer is very long, take a good, hard look at it.

That's all I have. Good luck on the test!

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When not helping people pass the Tech test and become good amateur radio operators, Dan likes to work CW on the HF bands and collect QSL cards from stations whose call signs spell words. To see what else he's up to, go to [www.kb6nu.com](http://www.kb6nu.com)

==== end column ====

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## Next Weber Co VE Test Session

**October 14, 2009 (2nd Wednesday) <<< rescheduled**

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

**Time:** 05:00 pm *Walkin's 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.

# FEATURE ARTICLE

## LOST IN A WORLD OF ELECTRONIC MADNESS

Things are spiraling out of control. I think I have become lost in a world of electronic madness.

One of my sons informed me this week that my cell phone has become obsolete and I must head down to the Cell Phone store and get a phone that is contemporary with the time.

I pointed out that the fancy Razor/Slim line phone with camera built in that he made me trade my perfectly good flip-top Motorola cell phone for two years ago still works perfectly fine. Well, except for the camera thing. Never could figure that out.. Even the few times I actually did take pictures I couldn't figure what to do with them and gave up.

That is except when I would push the wrong button and take a video of the ceiling or my feet.

Seems the issue is that I am unable to text with the tiny little 3 character buttons. "Hi, son," would come out looking like, "Gh Qmo." My grandkids have even spoken to my wife about Poppa's crazy text messages. Give me a break. Whatever happened to actually talking on a phone? Isn't that what they were invented for?

They want me to get one of those phones that you can turn upside down and sideways and has a typewriter keyboard with keys about one-eighth the size of my pinky finger.

One of my four sons is a realtor whose real occupation is fly fishing. "Way to go, son."  
Or in my text language, "Xbz um Io, rmo."

We were floating the Yakima River in his guide quality drift boat south of Ellensburg , Washington . We were miles from anything remotely resembling civilization. Rock canyon walls were on either side of us. Bear with me as I try to explain this strange thing.

His "Blackberry" rang. It was blue and I asked him why it wasn't called a Blueberry..... He shook his head with that dealing with an elder despair look I get a lot these days. It was another realtor who called to say that the sellers he represented had agreed to my son's client's changes and he had the signed documents in hand...

My son told him to FAX the papers to his office and he would get them signed and Faxed back, to close the deal that morning. A minute later the phone rang and he hit a few buttons and looked over the FAX, now on the Yakima River with us.

He then called his clients and told them he was Faxing the papers to them to sign and asked them to FAX them back to his office. While he was waiting, he hooked into a fat rainbow and was just releasing this 22 inch beauty as his phone rang again with the signed FAX from his clients.

He called the other realtor and told him he was sending the signed papers back by FAX. The deal was closed. He smiled and just said, "You are a little behind the times, Dad." I guess I am.

I thought about the sixty million dollar a year business I ran with 1800 employees, all without a Blackberry that played music, took videos, pictures and communicated with Facebook and Twitter.

I signed up under duress for Twitter and Facebook, so my seven kids, their spouse, 13 grandkids and 2 great grand kids could communicate with me in the modern way. I figured I could handle something as simple as Twitter with only 140 characters of space.

That was before one of my grandkids hooked me up for Tweeter, Tweetree, Twhirl, Twitterfon, Tweetie and Twittererific Tweetdeck, Twitpix and something that sends every message to my cell phone and every other program within the texting world.

My phone was beeping every three minutes with the details of everything except the bowel movements of the entire next generation. I am not ready to live like this. I keep my cell phone in the garage in my golf bag.

The kids bought me a GPS for my last birthday because they say I get lost every now and then going over to the grocery store or library. I keep that in a box under my tool bench with the Blue tooth [it's red] phone I am supposed to use when I drive. I wore it once and was standing in line at Barnes and Nobles talking to my wife as everyone in the nearest 50 yards was glaring at me. Seems I have to take my hearing aid out to use it and got a little loud.

I mean the GPS looked pretty smart on my dash board, but the lady inside was the most annoying, rudest person I had run into in a long time. Every 10 minutes, she would sarcastically say, "Re-calc-ul-ating" You would think that she could be nicer. It was like she could barely tolerate me. She would let go with a deep sigh and then tell me to make a U-turn at the next light. Then when I would make a right turn instead, it was not good.

When I get really lost now, I call my wife and tell her the name of the cross streets and while she is starting to develop the same tone as Gypsy, the GSP lady, at least she loves me.

To be perfectly frank, I am still trying to learn how to use the cordless phones in our house. We have had them for 4 years, but I still haven't figured out how I can lose three phones all at once and have run around digging under chair cushions and checking bathrooms and the dirty laundry baskets when the phone rings.

The world is just getting too complex for me.... They even mess me up every time I go to the grocery store. You would think they could settle on something themselves but this sudden "Paper or Plastic?" every time I check out just knocks me for a loop.

I bought some of those cloth re-usable bags to avoid looking confused but never remember to take them in with me.

Now I toss it back to them. When they ask me, "Paper or Plastic?" I just say, "Doesn't matter to me. I am bi-sacksual." Then it's their turn to stare at me with a blank look.

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# ANNOUNCEMENTS

## Next Club Meeting:

**3rd Saturday September 19, 2009**

- The Ogden Amateur Radio Club meetings are usually held on the 3<sup>rd</sup> **Saturday** of each month.
- **Time: 8:00 AM**
- **Location: Bountiful City Park**
- **Topic: Joint Club Swapmeet**
- **Talk-in: -146.90 (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:

**2nd Wednesday October 14, 2009**

(rescheduled this month only)

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

OTHER AREA REPEATERS			
FREQ	CLUB	ZONE	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
ATV	UARC	Ch-58	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
448.825-	IRLP/Echo	123.0	Clearfield City
449.950-	IRLP	123.0	Clearfield City
449.425-	IRLP	100.0	Nelson Peak
147.360+	Summit County	100.0	Lewis Peak

**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 mt	Utah Beehive net HF	7.272 Mhz <b>HF LSB</b>
Daily @ 07:30 PM mt	Utah Code net HF	3.570 Mhz <b>HF CW</b>
Daily @ 02:00 UTC	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 Co Net	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 @ 8:00 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	CSEARG	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 @ 8:00 PM	Weber State ARC	146.820 - 123.0 (coming soon)
Thursday @ 8:00PM	State RACES VHF/IRLP	145.490 - 123.0, 146.680 - 123.0 3 <sup>rd</sup> Thursday - even months only
Thursday @ 8:30 PM	Davis ARES	147.420 = simplex
Thursday @ 9:00PM	Wasatch Back Net	147.360 + 100.0
Saturday @ 8:00AM mst	RACES State HF	3.920 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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