



# WATTS NEWS



## **The Best of Amateur Radio**

*Welcome to the OARC e-Magazine*

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

**OCTOBER 2009**

Next Club Meeting

**3rd Saturday October 17, 2009**

**Topic: Meet Your Club Officers**  
Their favorite radios, etc...

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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 September 19, 2009

The September meeting was actually an outdoor event. Each year we meet together with the Davis County Amateur Radio Club (DCarc) for a fall Joint Club Swapmeet. This year the Salt Lake Club - Utah Amateur Radio Club (Uarc) was also invited to join us.

The event was moved to a new location this year. We met in the bowery at the Bountiful City Park (100 West 400 North Bountiful). Those that came early did quite well but those of us that arrived late missed out entirely. Everyone was packing up and gone by 10:00 AM. Next year I must come earlier (I say that every year).

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## NEXT CLUB MEETING

**When:** 3rd Saturday October 17, 2009

**Time:** 9:00 AM

**Location:** Riverdale Fire Station

**Topic:** Meet Your Club Officers - their favorite radios - etc

Officers Meet and Great and 15 minutes of fame.

Going over how they got into ham radio what equipment they use Etc.

Each of the officers will explain/show:

- First Radio or Favorite Radio(s)
  - Why did you choose that radio?
  - What other radios did you consider?
  - What are the features that you like and dislike.
- Your Station
  - What is neat and what would you like to do or do differently in your station?
- Antennas
  - Why did you choose your current antenna(s)

## SPECIAL CLUB EVENT/ACTIVITY

### The Mighty Wurlitzer Theatre Organ

Heads Up for technical types and/or music lovers.

Wednesday 11 November 09

1:00 PM or 7:00 PM

Peery's Egyptian Theatre in Ogden

Come and see how the amazing silent film era **Wurlitzer Theatre Organ** works. See behind the scenes views of the electric and mechanical valves and actuators that brings wonderful sounds from the specially installed historical organ brought back to life by the Peery Egyptian Theatre organization of Ogden. It can be played manually or can be controlled by four computers.

The 7:00 PM presentation is sponsored by the **Ogden Amateur Radio Club** and there will be no charge. The 1:00 PM presentation is part of the regular Wurlitzer Wednesday series. Seniors and care-givers \$1.00 and general admission is \$2.00. Don't miss this twice in a life-time chance to see how it all works. Follow the progress on our website [ogdenarc.org](http://ogdenarc.org).

If you have any questions call Kent at 801 475-6282 or email him at [L7MFCC@Juno.com](mailto:L7MFCC@Juno.com)

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## OARC e-Magazine Anniversary Issue

Concluding 5 full years (Nov 2004 - Oct 2009)

This issue of the OARC e-Magazine, Watts News - Newsletter concludes its 5th year of electronic distribution. Yes, that's 60 issues. Wow, how fast times flies. It was 5 years ago when Gary Liptrot was elected president of OARC and he called upon me to become the OARC newsletter editor and OARC webmaster.

### THE WEBSITE

Since then there have been 28,460 hits to our website. That's about 500 hits per week. I can't imagine who in their right mind would visit our site that often. Just in case you also wondered, I log the IP address of all hits to our site. You can see your own IP address each time you visit our site: <http://OgdenARC.org> by looking near the bottom of the left side menu for "Your IP address is...". You can view the complete IP history log by browsing the following URL: <http://ogdenarc.org/reporttoarc.asp>. I find it very interesting that the search engines from Yahoo, Google, MSN and AOL visit the site on an average of about once a day, usually during the wee hours of the night, looking for any updates.

I don't know if you have noticed, but near the top of the OARC website home page I maintain a link to my (ISS) [International Space Station next best sighting](#) website. Here you will find the "next best evening time" ISS pass-over sighting. I only track the BEST evening sightings. That's because I don't get up early enough these days to view the early pre-dawn sightings since I am now retired. Hi Hi & LOL. My definition of the "next best" sighting is one that is at a high angle (greater than 60 degrees) and has a relative high level of brightness (negative numbers are brighter). You will notice that all Top-of-Utah ISS pass-over's originate from the South West (Los Angeles area) or the North West (Seattle area). Recently I was surprised to receive an email from a young lady in the LA area that had been using this site to follow potential ISS sightings over her area.

From time to time I receive an email from an amateur radio or electronics parts dealer who has found our website and requests that we put a link to their website on our club website. After checking those out, I usually put their links on our site in the 'Ham Links' area. Before buying next time, check it out. If you have any favorite vendor sites let me know and we will share them with the other club members as well.

Not long ago I received an email from an up-state New York university student that used our site and related links from our site in preparation of their upper-graduate thesis on the subject of "The History of Radio Communications". Go OARC!!!

## Remember the Breakfasts-in-the Park?

In 2004, Gary Liptrot decided to relocate our meetings from the Weber County Sheriff's office to a new location. Initially we met in a class room Weber State University on Saturday mornings but it became problematic when entry into the designated class room was foiled by a janitor who slept-in and forgot to meet us there to open the doors.

Now without a regular meeting place and while contemplating our options, Gary decided to hold our next monthly meeting out-of-doors in the beauty of nature. Yes, at a community park/bowery's where we cooked breakfast for all of those that attended. This unique meeting place was such a success that we continued to meet at various out-door locations throughout the summer. It was not until the weather turned too cold to continue meeting out doors that we found a permanent indoor meeting place.

## Do You Remember our Honored Authors?

Over the years we have had two of our honored club members published. No, I don't only mean published in this newsletter but in real magazines.

### **User-Controlled On-Line Tuners (UCOT)**

**By Jim Southwick, N7JS**

- Monitoring Times - July 2004
- Popular Communications - November 2004

### **Beacon in a Box - A 10-Meter Auto Beacon**

**By Jim Southwick, N7JS**

- CQ - February 2006 pg 52

### **No fueling: Field Day with Hydrogen**

**By Kim Owen, KO7U**

- QST - June 2006 pg 44

## OUR OFFICERS

Looking back in time, since August 2004, we have had 6 sets of OARC officers. How many of them do you remember? In 2004-2009 we elected the following officers:

### 2004-2005

President: Gary Liptrot N7ZI  
Vice Pres: Mary Hazard W7UE  
Secretary: Jim Southwick K7JS  
Treasurer: Charles Horn KD7SST  
Director #1: Mike Fullmer KZ7O  
Director #2: Jim Clarke KD7SWL

### 2007-2008

President: Kent Gardner WA7AHY  
Vice Pres: Kim Owen KO7U  
Secretary: Maggi Campbell N7HCP  
Treasurer: Jeff Anderson KD7PAW  
Director #1: Mike Webster N9NZ  
Director #2: Stan Sjol W0KP

### 2005-2006

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

### 2008-2009

President: Kent Gardner WA7AHY  
Vice Pres: Justin Doxford KE7ROQ  
Secretary: Maggi Campbell N7HCP  
Treasurer: Jeff Anderson KD7PAW  
Director #1: Mike Webster N9NZ  
Director #2: Beth Harrington KE7ELF

### 2006-2007

President: Mike Fullmer KZ7O  
Vice Pres: James Clarke KD7SWL  
Secretary: Joan Fullmer N7OLZ  
Treasurer: Jim Southwick N7JS  
Director #1: Charles Horn KD7SST  
Director #2: Kent Gardner WA7AHY

### 2009-2010 (current 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

Throughout the entire 5 years the following have served in appointed positions:

2004-2009

VE Liaison: Mary Hazard W7UE

2004-2009

Repeater Engineer: Mike Fullmer KZ7O

2004-2009

Newsletter Editor & Webmaster: Val Campbell K7HCP

Three or four times a year Mary W7UE conducts the Weber County VE Test Sessions that have provided for many new hams to join the ranks of Amateur Radio in our area.

Our thanks to Mike KZ7O for all that he does to keep our repeaters operational.

Many thanks to all the previous officers that kept our radio club operating!

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You can review any of the past issues of the newsletter in the website newsletter archive. I hope you enjoyed our trip back in time to reminisce the good times we have had together - celebrating the "sport" of amateur radio.

# CLUB BUSINESS

## Repeater Update

Some may be aware, but others may not that the Mt Ogden Repeater 146.82 is back on the air. Actually it was never really off the air. It just could not be worked without 50 watts and when in line of sight in west Ogden. The antenna has been broken for 6 months. The coax was also broken.

Lance Peterson, Weber County Sheriffs Office arranged for a new commercial antenna. I think Lynn Walker donated the new coax to replace the broken coax. Scott Willis KD7EKO and Ray White K7RFW went up on the mountain 2 weeks ago and put it all up. It seems to work really well.

It should be good for a long time now. Test it out and see what its coverage is.

All other repeaters are still working with no problems.

Mike, KZ7O

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Just a few pics I took with my cell phone on the day that Ray and I went to Mt. Ogden a couple weeks ago to change the antenna on the 146.820. I went back the next day by myself on my motorcycle (hence the other picture of the motorcycle at the site) to finalize the job.

Scott KE7EKO

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Pics go here

# MORE CLUB BUSINESS

## 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.

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## SALE or 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**

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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 KIM'S SHACK

Pic goes here

Kim Owen KO7U

From Kim's Shack.....

Last Month I shared some of my adventures of erecting a tower. Well, the tower is vertical and fully extended in the pictures but I don't have an antenna on yet. Therefore, all of the activities have not been completed and the saga continues. I am as excited as a little kid on Christmas morning.

The next task is a rotor plate. I am working this on two different fronts. I have a non-traditional design in mind that will include a cable standoff made out of angle iron. I'm also working on a traditional solution too. I am now in a race with weather. During those rainy days, I will be assembling the antenna in my garage and checking out the rotor. Isn't this radio stuff fun?

The two pictures are the tower fully extended from two different perspectives. The total high is 70 feet. My target is to be ready for sweepstakes. Stay tuned.....

Club meeting this month should be fun. The topic will be "Meet Your Club Officers." I have asked your club officers to take 15 minutes each to describe what they like and dislike about their first or favorite radio(s) and why they made that choice. At the very least, if you have an itch to buy or a question about a radio, you may hear the answer. It should be great for new hams who are contemplating their first radio too. Bring them along!

November is sweepstakes month. Make a few contacts and get the adrenaline going!

73, Kim KO7U

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# NEWS ARTICLES



## **WRONG HEADED ENFORCEMENT : FCC CITES CALIFORNIA RESIDENT OVER DEFECTIVE INDOOR TV ANTENNA**

You may find this one hard to believe, but the FCC has issued a Citation to California resident Irma Frausto for using a defective amplified indoor television antenna in the residence in the city of Compton. One that she could not possibly know was playing havoc with a nearby cellular telephone site. Bruce Tennant, K6PZW, has more:

On August 13<sup>th</sup> agents from the Los Angeles FCC Office investigated a complaint that something was interfering with the operation of a Verizon cellular site. The agents T-hunted the interference to the Frausto's residence. Further investigation revealed that the source of the interfering signal was a Philips model MANT 300 amplified television antenna installed on top of a television set in the Fausto home. Apparently the antennas internal amplifier had broken into self-oscillation on 840.356 MHz. The spur was strong enough to interfere with the input to a Verizon local cell site. And you would think that's where it would all end. Disconnect the faulty antenna and problem solved. But that's not where this story ends.

On August 20<sup>th</sup> the FCC issued a Citation to Irma Fausto naming her as the responsible party. Why the FCC chose to issue a Citation rather than the usual warning letter or any letter at all is not explained. And if we may editorialize a moment, even stranger is the demand by the FCC that Ms. Fausto respond to the Citation and specify what actions have been taken to correct the violation when its likely all she would do is return it to where she bought it or throw the thing in the nearest garbage can. At least that's what we would do.

We also wonder if the FCC intends to follow up with Philips to make certain that no other MANT 300 amplified indoor antenna is causing similar problems elsewhere in the United States. One would think that Phillips is the responsible party in this scenario since it was the one who manufactured the defective amplified antenna in the first place.

Lastly we must ask why so much emphasis is being put on reprimanding a citizen for something beyond her control when there are far more important matters to contend. This definitely includes cleaning up the now almost two decade old rats nest of jamming, filthy language, illegal broadcasting and other violations found on 14.275 MHz in the 20 meter band. Violations that the FCC seems to be turning a blind eye to no matter how much the ham radio community complains.

For the Amateur Radio Newsline, Im Bruce Tennant, K6PZW, reporting and editorializing from Los Angeles.

# FEATURE ARTICLE

## DEALING WITH THE NEIGHBORS

*By Burt Weiner*

### Chasing an Interference Bug

[August 2009] Dealing with the neighbors when there is an interference complaint can be as much of a "public relations" problem as a technical one. Burt Weiner has had a lot of experience in tracking down - and sometime even solving - interference issues.

It started with a call from a client station regarding an interference problem. A resident, located about five miles from the client's 50 kW transmitter, was complaining that the station was wiping out the entire AM band. This resident had also called the FCC and complained about the interference and wanted it resolved under the "blanketing rules."

#### INITIAL CONTACT

I envisioned a poorly designed radio with a wide-open front end, typical of this type of complaint.

One of my most successful strategies is to compare this problem to standing outside at night and looking at a dim star. If you stand near a street light it is difficult to see the star because of the strong nearby light illuminating the dust and moisture in the air, not to mention stopping your eyes down. If you move a short distance away from the street light you can see the star better.

Radio reception is essentially the same thing. The radio is trying to hear a comparatively weaker station, the distant star, near a very bright light, the very strong nearby station. A set of blinders - better front end selectivity - can do wonders. Non-technical people can usually relate to that example.

I called the resident and, almost before I could say "Hello," was rudely told I had better do something about it or else! Hence, I made an appointment to visit with them at a time when the station was at day power so I could hear first-hand what was happening - and moreover to see if I could smooth down some feathers.

#### GREETING WITH A SNARL

As I usually do, I took a field meter and a portable radio which seems to operate fairly well in strong RF situations. With these I can usually demonstrate to our neighbors that the station is not doing anything wrong nor is at fault.

Upon my arrival, a lady greeted me with a friendly snarl informing me the problem was not happening today. She had not bothered to tell me this when I called just before leaving my office. She insisted it had to be the station's fault, "A technical problem of some kind."

I explained that sometimes appliances or electrical wiring can cause this to happen, only to be given a suspicious look, accompanied by a low Marge Simpson-type growl.

#### INTERFERENCE HUNTING

The radio experiencing the problem was located in a room with several computers, none of which were on at the time. We turned them on and tried several things, none of which would cause the problem.

I visited and soothed for about forty-five minutes. All during that time no sign of the interference could be heard. But just as I was getting ready to leave - Bang! - there it was; just like she had said, it was all over the dial.

With a problem clearly at hand, I turned on the field meter (which was sitting on my lap) about three feet from the radio. While their radio definitely had the problem, the field meter did not. I tried the portable radio and it was also free of interference. The lady looked at me and backed away slightly as if I were a war-lock or, at a minimum, possessed.

Then, as I put my portable radio near her radio another problem appeared. In addition to the client's station being heard all over the dial, I heard a strange sweeping sound.

## DISCOVERY

I asked if I could walk around in their home, and was given permission. I walked down the hall and into the other rooms holding the portable radio near various electronic devices and each AC outlet. No sign of the problem could be detected until I went into the kitchen.

I eventually homed in on ... the breadbox! The interference was overwhelming. Foraging through their breadbox (and being asked if I wanted a sandwich), I uncovered an ultrasonic "Bug Chaser."

### *Not only a bug chaser, but an interference generator!*

Unplugging and plugging in the device from the AC outlet would cause the interference to disappear and reappear accordingly. Coincidentally, this wall plug was on the opposite side of the same wall as the radio experiencing the problem. Further tests revealed the bug chaser was detecting the radio station and re-transmitting it, everywhere.

The sweeping sound was the result of the swept-oscillator in the bug chaser. And the fact that some of these devices randomly turn on and off provided the explanation for the intermittent nature of the problem.

As a result, I enjoyed a nice dinner at that house.

## THE BUG IS BACK!

A couple of months had gone by since the bug chaser adventure when I received another interference call. This was from a fellow who lived quite close to the same transmitter. He claimed that the AM band was being intermittently wiped out by the station. This had been happening intermittently for several years, but until recently he only listened to FM.

In our conversation he asked why this might be happening. I really did not want to come out and blame his radio - not a great way to start out. I did however use the blinding light example and the possibility of electrical power circuits or other appliances causing this to intermittently happen.

He asked what I meant by "other appliances." So I told him the story of the bug chaser. Then he asked me to hold on for a moment. He set the phone down. I could hear rattling and crashing around in the distance.

When he came back he said, "*Yep, that's what it was.*" I asked, "*what was „what“?*" He told me he had had a bug chaser in his attic for several years. The AC cord for it came out through an attic opening into the garage and down the wall to a plug outlet. (Can you say "that is a great vertical aerial?")

As soon as he unplugged it the problem stopped.

The moral to this story is that when chasing down an interference complaint, a bug chaser in the hand is worth two in the attic.

*Burt Weiner has been creating and chasing down problems in Los Angeles for many years.*

Contact Burt at [biwa@att.net](mailto:biwa@att.net)

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# ANNOUNCEMENTS

## Next Club Meeting:

**3rd Saturday October 17, 2009**

- The Ogden Amateur Radio Club meetings are usually held on the 3<sup>rd</sup> **Saturday** of each month.
- **Time: 9:00 AM**
- **Location: Riverdale Fire Station**
- **Topic: Meet your club officers - Their favorite radios etc**
- **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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