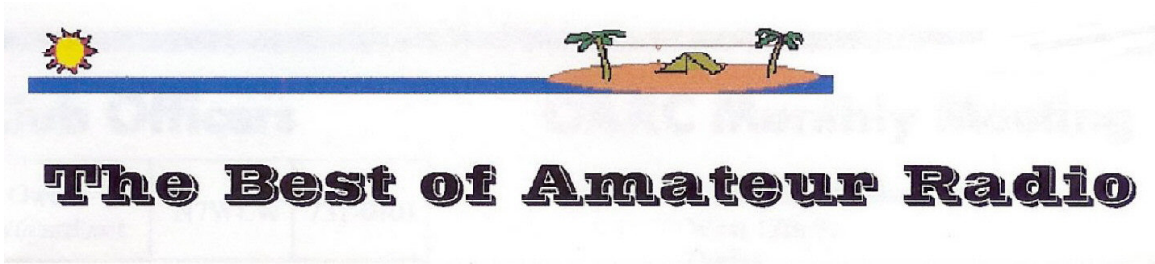




# WATTS NEWS



*Welcome to the OARC e-Magazine*

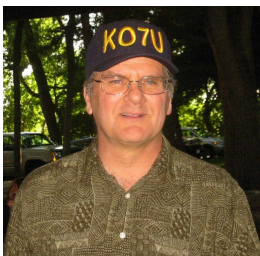
[www.OgdenArc.org](http://www.OgdenArc.org)

**OCTOBER 2010**

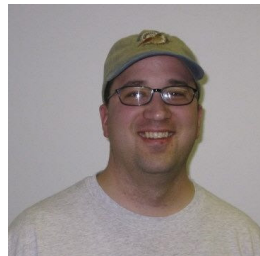
Next Club Meeting/Activity

**3rd Saturday 16 October 2010**

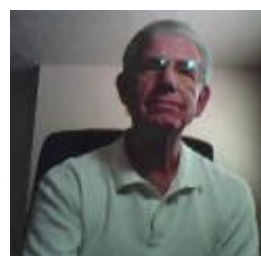
**Topic:** IRLP by Gordon Smith/K7HFV  
& Clinton Turner/KA7OEI



Kim Owen K07U  
President



James Clarke KD7SWL  
Vice President



Larry Griffin AD7GL  
Secretary



Jeff Anderson KD7PAW  
Treasurer



Justin Doxford KE7ROQ  
Program Director



Jamie Howell KF7LQY  
Activity Director



Val Campbell K7HCP  
Webmaster/NL Editor

## PREVIOUS CLUB MEETINGS

**Saturday 18 September 2010**

On the third Saturday in September we (Oarc) joined the Davis County Amateur Radio Club (DCARC) for a Joint Swap Meet which was held at the Bountiful City Park.

This year I actually arrived before everyone else had departed. Yes, last year I didn't arrive until 9:45 AM, and by then all but one table had been cleared and the event was considered finished. This year I made it a point to arrive much earlier. Believe me, it can make a difference.

There were lots of bargains to be had and this year the event was very well attended. Hams from the Salt Lake club (Uarc), the Davis club (DCarc) and of course the Ogden club (Oarc) were present. I think this was one of the best attended joint swapmeets in many years.

One thing that peaked my interest this year was something that I have not seen done in quite some time, which was a closed auction for a couple of HF transceivers. One of the transceivers was a Yaesu FT-101 that was in mint condition. Blind/closed bids were submitted throughout the morning and just before 10 AM the final bids were accepted and processed. Then they announced the two lucky winners.

Over time I have personally proved that you do NOT need to actually buy anything when you attend a swapmeet. Until this year I had NEVER purchased anything at a swapmeet. Call me crazy (and many do) but I just might be too cheap to or maybe just too fussy to buy anything at those events. However this year I broke down and purchased a partially full spool of stranded, insulated wire that I plan on using to add counter-poise ground radials to my home ground mounted vertical HF antenna. This is something that I have been planning to do since 1985 but just never got around to doing it. Thank goodness for swapmeets. Hi Hi.

73, until next year.

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## NEXT CLUB MEETING

When: 3rd Saturday 16 October 2010

Time: 09:00 AM

Topic: IRLP by Gordon Smith/K7HFV & Clinton Turner/KA7OEI

Location: Riverdale Fire Station

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### RENEW NOW

August is OARC's annual renewal month, starting with the clubs steak fry event. Those that we not able to attend the steak fry this year can renew memberships or join for the first time at our next monthly meeting.

Another way to renew your membership or join OARC for the first time is to print the membership application from the club website (click "Join OARC" from the left side menu) and mail your membership dues to the address below.

Full membership = \$15

2nd(+) household memberships = \$8 each

Complementary membership for remainder of 1st year licensed = free

Ogden Amateur Radio Club

P.O. Box 3353

Ogden, UT 84409

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### NOTICE

ARES SET - Saturday 6th November

Additional Information: [www.utahset2010.org](http://www.utahset2010.org)

Questions: contact Roger Kehr N3AOQ

Utah State SET Chairman

## CLUB BUSINESS

(repeat)

### WANTED - CLUB HISTORY ITEMS

Kent Gardner WA7AHY, our OARC club historian, respectfully requests that anyone that might have any OARC club or radio hobby historical items of interest, to please pass them on to him for safe keeping. Kent has done a fantastic job of archiving a history of our club and its members and we would like to see the archive bursting with history of this wonderful club and our fantastic history.

Thank you in advance.

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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 **Obay-Swap**.

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### Club Badges

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.

## FROM KIM'S SHACK



CQ ALL Members and Friends of OARC

The OARC board held its first meeting to plan the coming year. We have some good ideas that I think everyone will like. Do you have a home brew that you'd like to share?

We'd like to see it. If you have a topic that you'd like hear about or would like to contribute to the OARC News Letter or a club meeting presentation, please contact one of the board members.

This month our meeting will be presented by a couple of our local friends from UARC, Gordon Smith/K7HFV and Clinton Turner/KA7OEI. If you have listened to the UARC Information Net on the 146.62 repeater Sunday nights at 9:00 PM you probably have heard their explanation of radio topics to my questions and from other local hams. I believe that both were part of the faithful crew that were shipwrecked on Fremont Island several years ago in an attempt to activate and operate a station on the island. Though that is not their topic of discussion, they have a vast knowledge and experience in radio. Their topic will be IRLP and Echolink. Listening to IRLP, I've heard a QSO with hams from China, South Africa, Britain, and a few from the east coast on my way to work one morning. I know that Clint and Gordon are both "hands-on" hams and I'm sure we'll have an interesting time home-brewing IRLP projects too.

Join us Saturday, 16 October 2010 at the Riverdale Fire Station at 9:00 AM!

For now,

73 de Kim/K07U



## CLUB NEWS

Four "Hams" meet for lunch for old times sake



Val Campbell-K7HCP, Dave Sanders-K7RGY, John Shupe-K7DJO, Aaron Farr-W7HJK

Interesting note:

Val was the one taking this picture and therefore was not originally in the picture. However Dave, Photo-Shopped me in after the fact.

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**Congratulations to the following who licensed or upgraded during the most recent Weber County VE Test Session.**

- Flanagan, Kevin J.    KB7MAD    Extra
- Leonard, Gavin L.    KF7MCS    General
  
- Jensen, Trescott D.    KF7MEF    Technician
- Watson, Nanette, M.    KF7MED    Technician
- Watson, Terry W.    KF7MEE    Technician

Thanks to Mary Hazard and the VE Test Session volunteers.

# HOBBY NEWS

## RADIO CRIME:

### CALIFORNIA STATION LOOSES GROUND SYSTEM A SECOND TIME

For the second time in two years copper thieves have struck the Butte Broadcasting Company's KKXX AM transmitter site in Paradise, California. According to the Oroville Mercury-Register, this time the thieves made off with about 22,000 feet of Number 10 wire from the ground system, which was apparently bundled into lengths of 10 to 20 feet and then carted away.

Station manager Andrew Palmquist said the transmitter was able to remain on the air. Palmquist told the paper that the thieves apparently knew what they were doing. They left just enough wire for the ground system to allow the station to continue to broadcast. Palmquist told the paper the thieves took a back road to the tower, avoiding a locked gate.

After the first wire theft in 2008, Palmquist said copper grounding wires were replaced and a concrete footing was poured about every 10 to 15 feet along the length of the wire in hopes of discouraging future thefts. However this time, the thieves cut and removed the wires between the concrete.

According to a scrap copper website, with the world's economy still not very stable, that kind of wire is only fetching between \$1.22 and \$2.75 a pound. So the thieves went to a lot of work and risked their lives to get very little in return.

KKXX management is asking anyone with knowledge about the copper theft to contact the station.

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### ELECTRONICS INDUSTRY: GE CLOSING ITS LAST INCANDESCENT US LAMP FACTORY

The General Electric Company is closing its last incandescent light bulb factory in the United States. This, to comply with the Energy Independence and Security Act of 2007.

According to news reports, the resulting savings in energy and greenhouse-gas emissions are expected to be immense. But the move also had unintended consequences. Rather than setting off a long predicted surge in the domestic manufacture of replacement lights such as Compact Fluorescents, many are already being manufactured overseas. Most come from China and are assembled at a low cost that domestic manufacturers cannot match.

The FCC has sent a Warning Notice to an Ohio ham alleging him of being the source of interference to a 75 meter net.

The Warning Notice dated September 3<sup>rd</sup> was sent to Charles A. Hathaway, W8ROX, by FCC Special Counsel Laura Smith. In it Smith says that the Commission received several complaints of interference to the Century Club Net operating on 3902 KHz. At her request, the staff at the Commission's monitoring station began investigating in order to determine the location of this interference. Over the next month, the monitoring station confirmed that the interference was taking place and used its direction finding equipment to determine that the signal was coming from a location north of Athens, Ohio.

The Commission's Detroit Field Office was notified and they began a field investigation into the matter. On July 21<sup>st</sup> at approximately 10:20 PM, the field agents heard an audible transmission interrupt the ongoing Century Club Net. They began using their vehicle's direction finding equipment to determine the location of the offending transmitter. At 12:40 AM, they had a positive Direction Find to a beam antenna. At that time, they knocked on the door and attempted to inspect the station. No one answered the door. They returned the next day at 4:21 PM and at that time were able to inspect the station.

During the inspection, Hathaway indicated to the agents that he was unaware that his station had been transmitting during the time in question. This was because he had been having problems with his push to talk button getting turned on accidentally.

As part of the inspection, the agents took pictures of Hathaway's equipment, including a close up of his push to talk button and its relative position to his microphone and the rest of his equipment.

In her letter, Smith told Hathaway that his argument that he was unaware that his station had been transmitting during the time in question because of this problem with his push to talk button was unpersuasive. She wrote that one of the Commission's field agents specifically noted in his report that the push to talk button is not located on or near the rest of Hathaway's equipment. Rather that it was strung through the handle of his desk drawer and away from the desk top where the remainder of his equipment is located. Moreover, according to the agents, the push to talk button appeared to be in working order during the inspection.

Smith concluded by telling Hathaway that his alleged operation as described in the Warning Letter, and verified by the Commission's field staff, is contrary to the basis and purpose of the amateur radio service. This as it is set out in Section 97.1 of the Commission's rules. Also, that it is a violation of Section 97.101(d) of the rules. She then warned Hathaway that the Commission expects him to abide by its rules. As such, her letter to him serves notice that, if operation of this type reoccurs, Hathaway could be subject to severe penalties. These include anything from a modification proceeding to restrict the frequencies upon which he may operate, to a fine or even revocation of his license.

*Amateur Radio Newsline*



# GUEST ARTICLE

By Dan Romanchik, KB6NU

## One of the Dumbest Things I've Ever Done in Ham Radio

Mark, W8MP, and I often argue about what's dumber—his county hunting or my collecting QSL cards from stations whose call signs spell words. It's one of those arguments that will never be won. When you get right down to it, they're both pretty dumb.

Well, one Wednesday morning, I got a call from Mark. He asked, "Hey, want to do something really dumb tonight?" When I asked what he had in mind, he replied, "Well, one of my county hunter friends, Tim, W8JJ, (he's the guy looking nervous in the black cap below), claims to have confirmed all 3,077 counties. He needs at least two General Class (or higher) hams to check his QSL cards and sign off on his application for the USA-CA award sponsored by CQ magazine. I guarantee that this will be one of the dumbest things that you ever do in ham radio. I also guarantee that it will be a lot of fun."

After a fine salmon dinner with some very chewy noodles (that Mark claims his son, KD8EEH insisted that he make), we cleared the table, and Tim got out his box of cards. Mark then explained how we should proceed. I was kind of curious about this, as it's clearly impossible to check all 3,077 QSOs in a single evening.

Basically, what the two checkers are supposed to do is to check random contacts until they are satisfied that the applicant does indeed have a QSL from all 3,077 counties. To select the contacts, you might choose counties where you lived, or counties that you have visited. I hit on the idea of having Tim produce the confirmations of all 16 counties in Massachusetts. Clark, who is more familiar with which counties are the most difficult to confirm, asked Tim to produce cards from some rare counties in Colorado and Hawaii.

Above all, though, the idea is to give the applicant as much grief as possible during the process.

Mark came up with the idea of calling several county hunters that he had phone numbers for and asking them to verify in their logs some of the QSOs that Tim was claiming. He first phoned Jim, N9JF, and we asked him about a 44 report that he'd given Tim seven years ago. He wasn't near his logbook, but he said that he did remember that contact and even rattled off the county (Wahkiakum, WA)!

Next, Mark phoned Guff, KS5A, who confirmed a contact, but was off by almost seven minutes. A long discussion ensued regarding the details of how a mobile logs contacts while out driving. In the end, we accepted the seven-minute discrepancy.

Finally, Mark phoned Larry, W0QE, to confirm a few of the MRCs that Tim had from him. (MRCs are records of multiple contacts. Using them instead of QSL cards makes the process of managing all these QSLs a lot easier.) Mark joked that it looked like one of the MRCs had a forged signature. Larry replied that all of his MRCs are stamped.

"Aha," Clark exclaimed, "this MRC doesn't have a stamp!"

I don't know what was going through Tim's mind at this point, but it probably wasn't good. Larry then explained that he probably sent out that MRC before he got the stamp. When we confirmed those dates, I think Tim breathed a little easier.

In the end, Clark and I signed off on Tim's application. And, even though Mark and I joke about how dumb this activity is, it's really only a joke. In my mind, it's quite an achievement. It takes a lot of persistence, too. It took Tim nearly ten years to do it.

Another cool thing about the county hunting sub-culture is the camaraderie amongst the county hunters. It's the nature of the beast that you'll be contacting many of them multiple times, and it's inevitable that you'll make friends with many of them.

As we were leaving, Tim said, "My wife asked me the other day if I could now get rid of all my radios since I've talked to everybody." She obviously doesn't understand this ham radio sub-culture. Tim's only just begun.

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You can keep up with all of Dan's dumb ham radio activities by reading his blog at [www.kb6nu.com](http://www.kb6nu.com). When Dan's not doing dumb ham radio things, he programs websites and does community-service type stuff as a member of the Ann Arbor (MI, USA) Rotary Club. You can email him at [cwgeek@kb6nu.com](mailto:cwgeek@kb6nu.com).



# FEATURE ARTICLE

## OARC - In the Beginning

### How the Ogden Amateur Radio Club (OARC) Got Started

In the **spring of 1921** a small group of Ogden Amateur Radio Operators decided to meet together for the purpose of exchanging ideas and discussing progress and recent developments in the field of amateur radio communications and for the purpose of forming an active radio club in the Ogden area. The meeting was called for a Saturday afternoon, about the middle of **May 1921**.

Those attending were:

W. Glen Garner - later known as **W7SU**

Glen Quillinan

Ralph Flygare

"Chickey" Crawshaw

George W. Cook (**6CW**) 208 27<sup>th</sup> Street, Ogden, UT (.5 kW)

Howard D. Harris (**6AJA**) Ogden High School, Ogden, UT (1.0 kW)

OARC - The Ogden Amateur Radio Club was born.

Later the Ogden Amateur Radio Club (OARC) became affiliated with the Amateur Radio Relay League (ARRL) in **January 1937**, being the 2nd in the state of Utah to do so. Because OARC was not the 1st amateur radio club in Utah to become affiliated with the ARRL, OARC is often referred to and one of the oldest clubs in Utah but not necessarily "THE" oldest club. However OARC's history goes back 16 years prior to its ARRL affiliation date making it quite possibility the OLDEST and FIRST to exist in the state of Utah.

What is the OARC?

The Ogden Amateur Radio Club (OARC) is a non-profit organization incorporated under the laws of the State of Utah.

The purpose of the club is to promote interest in amateur radio communication and experimentation, education, advancement of the art of radio, public service, the exchange of information between members and to conduct club programs and activities to advance the general interest and welfare of Amateur Radio.

Full membership is open to all licensed Radio Amateurs and to all other interested parties.

As a member you may attend monthly club meetings, receive the Watts News, take part in club activities and enjoy the friendship, help, or advice of the many others in this interesting and enjoyable hobby. Full membership is required to vote or hold office.

OARC members are encouraged, but not required, to maintain membership in the American Radio Relay League (ARRL). OARC is an ARRL affiliate as long as a minimum percentage of the club members are also ARRL members. ARRL affiliation provides the club with services not otherwise available. OARC members can obtain ARRL membership through OARC, which is advantageous to the club, or directly from the ARRL. As a member of the ARRL, there are many fine and challenging award programs available including a subscription to QST magazine. Membership in the ARRL is not required, but you may join the ARRL directly or through the OARC. A small portion of their membership fee is rebated to the OARC.

Several decades later after Dr W. Glen Garner - W7SU (sk) passed away OARC acquired his call sign as the clubs official vanity call sign in part to honor his contribution to OARC's existence and longevity.

73 & 88 Dr Garner W7SU (sk)



**Dr W. Glen Garner - W7SU**

Photo by Lee Ernstrom W47HQD

# ANNOUNCEMENTS

## Next Club Meeting:

**3rd Saturday 16 October 2010**

- The Ogden Amateur Radio Club meetings are usually held on the **3<sup>rd</sup> Saturday** of each month.
- **Time: 09:00 AM**
- **Location: Riverdale Fire Station**
- **Topic: IRLP by Gordon Smith K7HFV and Clinton Turner KA7OEI**
- **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:

**1st Wednesday 02 February 2011**

- 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.



## 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 10:00 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	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 @ 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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*OARC OFFICERS*

President: Kim Owen KO7U

Vice Pres: James Clarke KD7SWL

Secretary: Larry Griffin AD7GL

Treasurer: Jeff Anderson KD7PAW

Program Director:

Justin Doxford KE7ROQ

Activity Director:

Jamie Howell KF7LQY

*"WATTS NEWS" e-Magazine*

NL Editor: Val Campbell K7HCP

*OTHER CLUB APPOINTMENTS*

Webmaster: Val Campbell K7HCP

Historian: Kent Gardner WA7AHY

Advisor: Kent Gardner WA7AHY

Advisor: Stan Sjol WOKP

QSL Manager: John Shupe K7DJO

Equipment Manager: Val Campbell K7HCP

Repeater Engineer: Mike Fullmer KZ7O

VE Liaison: Mary Hazard W7UE

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**73 es cul de W7SU**

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