



# WATTS NEWS



**The Best of Amateur Radio**

*Welcome to the OARC e-Magazine*

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

**AUGUST 2011**

Next Club Meeting/Activity

**3rd Saturday 20 August 2011**

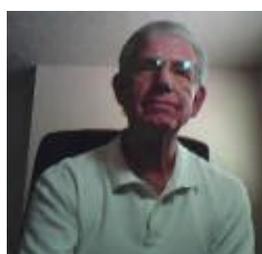
Topic: Steak Fry + Elections



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

3rd Saturday 16 July 2011

### "T"-Hunt + Breakfast in the Park

This year the Fox Hunt "Bunny" was hiding out at the Harrisville Park. Johnny Gaz K7DOT was the first one to locate the bunny. The hunt continued until 11:00 AM.



"T"-Hunt winner - John Gaz K7DOT

#### Prepare for Next Year

Hone your skills at tracking down the location of the hidden transmitter. It will require a bit of skill and will require driving, so bring a designated driver to assist you with the challenging activity. There will be a prize for the first contestant to locate the hidden transmitter.

You can hunt the fox with your HT and a paper clip. Hold the unit down close to your chest and pirouette around and find the direction where the signal sounds the weakest. If the signal is full quieting, de-tune the radio 5 or 10 kHz until some noise is heard with the signal. When you have found the direction of weakest-sounding signal, the signal is coming from behind you. This is the direction from which your body provides the most attenuation.

# NEXT CLUB MEETING

**When:** 3rd Saturday 20 August 2011  
**Time:** 5:00 PM

**Location:** Shady Lane Park, Pleasant View  
[Map](#) (600 W 3000 N Pleasant View Utah)

**Activity:** Steak Fry + Officers Elections  
[Membership Renewal and Auction](#)

**Note:** **Please bring side dish to share.** Also, bring your own dinner-ware (emergency paper-ware provided).

- Steak Fry (\$5/steak); Free hamburgers and hot dogs for the kids
- Membership Renewal (\$15); Additional Family Members (\$8)  
Note: 1st year membership is free to newly licensed hams
- Bring items to donate for Auction
- Club Officers Ballot Election; ([Nominations](#) welcomed in advance)

Door Prize (raffle/drawing): **[Paid-up members only, sign-up/renew membership at meeting]**

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## "SALE" or "WANTED" ITEMS NEEDED

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

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

## FROM KIM'S SHACK



Kim Owen KOTU - President

CQ ALL Members and Friends of OARC

Our July Fox Hunt breakfast went well. We were at the Harrisville Park. The park is easily passed by because the entrance is difficult to see. The first there was Johnny Gaz. But Johnny lives nearby. He said when he went out the door and turned the radio on. The signal was "full bars". He had to return home to get an attenuator. However, Johnny didn't find the Fox, just the park location. Stan and Larry redeemed themselves from last year (remember last year they cried "Uncle") as they were the first to find the Fox hanging in a tree by the tennis courts. I think there was added incentive this year because they knew the cook makes a GREAT breakfast....it might have been the coffee from Starbucks though.

Our club secretary Larry/AD7GL will be running our meeting this month. It is time again for our steak fry and elections. He is looking for good people. If you'd like to participate as a board member let your feelings known. It's very gratifying and special friendships are formed.

I feel the success that we had this year is a reflection of our excellent club officers and club members that fulfilled service in the background. They all make the club run smoothly. I want to recognize them and thank them personally:

- James Clarke/KD7SWL - Jim has served this year as Vice-President. Jim works in the same building upstairs from me. Many times we discussed club activities at work. He was a great asset as a board member and a good friend.

- Jeff Anderson/KD7PAW - Jeff has served the arduous task of Club Treasurer. He has served in that position for several years. It is nice to have someone meticulously keep track of club funds. I have enjoyed his friendship.
- Larry Griffin/AD7GL - Larry served as club secretary. He is conscientious in writing and distributing board minutes accurately and beyond my expectations. He is better than a voice recorder!
- Justin Doxford/KE7ROQ - Served as our Program Director (Director #1). This is one of the most challenging jobs on the OARC board. We were not able to see Justin much this year because of the travel his job requires, but he handled the task wonderfully.
- Val Campbell/K7HCP - Val does one to the toughest jobs in the club. He maintains the club web page and always publishes an excellent newsletter.
- Mary Hazard/W7UE - Mary in our VE Liaison and the Trustee of the club call sign W7SU. This year she and her team, besides the normal test sessions, provided special test sessions to accommodate radio classes.
- Kent Gardner/WA7AHY - Kent has been a great help this year. He is always willing to help in any capacity. He was the key figure in making the Golden Spike Special Event another success. Everyone that participated had fun on the radio and fun with the railroad visitors. True, there were some people that were cold but, we didn't ask him to take care of the weather.
- Stan Sjol/WOKP - I'd like to thank to Stan for his council to me and the board again this year. In every club there are certain people that provide a core foundation to that make the club stable, fun and interesting; Stan is one of them.
- Mike Fulmer/KZ7O - Is our Repeater Engineer. If you want to know anything about Amateur Radio and antennas, he is the best at both and keeps our repeaters running smoothly.
- John Shupe/K7DJO - QSL Manager & Photographer. The club QSLs are managed in the background to our actives. It's very important to the club, as he provides the contact and image of the club to Hams around the world. John's photographs make everyone look great! He's a real pro!
- Gil Leonard/KF7KPL - Again a special thanks to him for his efforts in making Field-day a great success.

And last of all I'd like to thank our club members for giving me the opportunity to serve with these fine people. I have been the benefactor of my experience.

I hope to see you at the club Steak Fry/barbeque!  
For now, 73 de Kim/KO7U

## CLUB NEWS

While watching a TV show about how the states got their shapes, I saw a very brief explanation of how Morse code now includes the @ sign. I had never thought about that before, so I checked on the internet and found the following from one of the online encyclopedias....

*On May 24th, 2004 -- the 160th anniversary of the first public Morse telegraph transmission--the Radio Communications Bureau of the International Telecommunication Union (ITU-R) formally added the @ ("commercial at" or "commat") character to the official Morse character set, using the sequence denoted by the AC digraph (.\_ \_.\_).*

*This sequence was reportedly chosen to represent "A[T] C[COMMERCIAL]" or a letter "a" inside a swirl represented by a 'C". The new character facilitates sending electronic mail addresses by Morse code and is notable since it is the first official addition to the Morse set of characters since World War I.*

TNX, Kent, WA7AHY

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# Amateur satellite ready to go in to action

Colin Holland

8/2/2011 10:15 AM EDT

ARISSat-1, the satellite designed and built by amateur radio operators to specifically interest students in scientific and technological careers, is scheduled to be deployed from the International Space Station (ISS) this Wednesday August 3.

The extra-vehicular activity (EVA) is due to be broadcast on [NASA TV](#), starting at 1430 UTC ([Coordinated Universal Time](#)) when the hatch of the ISS will open.

ARISSat-1 will then leave the space station and be secured to an airlock ladder and its [solar panel](#) covers will be removed. At 1507 it will move to the deploy site, activate its PWR, TIMER1 and TIMER2 switches, verify LEDs on, and deploy.

If all goes well with tomorrow's deployment, it will perform the following primary functions:

- Two-way communication via UHF uplink and VHF downlink, for use by ham radio operators
- Visuals of space from four cameras
- Recharging of the satellite's battery using [solar panels](#), enabling operation for months
- Transmission of audio greetings in many languages, for reception via simple radios or scanners
- Telemetry transmissions with updates on the health of the satellite
- House an experiment from Russia's Kursk University that measures atmospheric pressure

ARISSat-1 design-team leader Steve Bible launched the limited-series [Chips in Space Blog](#) on EE Times' Web site last week, to both educate and entertain readers by relating the story of how he and his colleagues came to build the satellite, and the challenges they ran into along the way. Bible will also provide analysis of the satellite's deployment and functionality.

Bible will provide an update on the mission later this week on the Chips in Space Blog.

The satellite is a cooperative effort between AMSAT, ARISS (Amateur Radio on the International Space Station,) RSC-Energia (The Russian Space Agency) and NASA. The design, development and construction of the satellite was done by AMSAT volunteers. Through the use of [ham radio equipment](#), students and teachers should be able to access and utilize the satellite from a classroom environment with minimal set up.

# MORE HOBBY NEWS

## Technology to the Rescue

The Sunday started out normally that day in July 2010. While in our choir practice we noticed a family looking up and down the aisles in the chapel and especially around the organ. They left, but soon returned again to look with more intensity around the organ. They asked if they could interrupt our practice. It seems like one of their two younger girls, probably around six years of age, had lost a valuable diamond friendship ring. The other sister had a similar ring...a small diamond and a thin gold ring.

The girl who had lost her ring had climbed up on the lap of her grandmother who was the church organist who was playing the postlude music in the previous meeting. They thought that she may have lost it there. I got up and helped move the organ bench and the foot pedal assembly out of the way. The organ was also moved out of the way as much as it could be, but no ring was found. They thanked us, and after getting everything put back together we resumed our practice.

For some reason I had to go to the van in the parking lot. While outside, I noticed that the family was thoroughly scrutinizing the grass on either side of several sidewalks that are in front of the church. The girl has apparently tried to put her ring in her purse then ran and skipped up and down the sidewalk steps in a playful fashion. They found nothing.

I asked them if they thought a metal detector would help. They didn't know, but were willing to try anything because of the sentimental and monetary value of the ring. I got in the van and drove home and got my old metal detector out of the garage and drove back. Luckily the battery was still good.

I showed the father how it worked and we even took the sister's ring and put it on the sidewalk to see if the detector would pick up such a small ring. It worked just fine. The father took the detector and began scanning the areas on either side of the sidewalks. I left the van unlocked so they could return it when they had to leave. I then went into church.

Lo and behold, when I came out later, there was a note under my windshield wiper blade that says it all. "Thank You So Much. We found it. You saved the day for a little girl !!!!!"

I still don't know if the metal detector actually detected the ring or just the fact that they systematically swept it back and forth across the lawn when they noticed the ring? I, of course, will think that my metal detector was what found the ring. I suspect that they even said a prayer, but science has a tendency to help prayers get answered when used. What do you think?

TNX Kent WA7AHY

## FEATURE ARTICLE

### Breaking News: The future of TV

Due to more than 100,000 phone calls and emails from concerned viewers like you, we have avoided the immediate threat to local TV as Congress considered debt ceiling legislation. Legislative language that could have threatened your access to local TV was stripped from Senate Majority Leader Harry Reid's (NV) debt ceiling bill in late July.

But while the battle appears to be won, the war is not over. There is still the possibility of congressional action when Congress returns to D.C. this fall. There are still bills pending in Congress that could threaten your local TV by seeking to reallocate some TV channels - through a process known as spectrum incentive auctions - to other services without the proper protections for TV viewers.

We must ensure that viewer protections are included so that congressional action on this issue does not impact your ability to receive the local news, public safety information and the high-quality programs you value.

We also want to ensure Congress does not hinder innovations taking place in TV - like free, local TV on your handheld or new HD programming. [Tell your member of Congress](#) to protect local TV as they consider ways to auction TV channels.

Thank you for protecting local TV!

The future of TV: <http://www.thefutureoftv.org/action.asp>

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# ANNOUNCEMENTS

## Next Club Meeting:

**3rd Saturday 20 August 2011**

- The Ogden Amateur Radio Club meetings are usually held on the 3<sup>rd</sup> **Saturday** of each month.

- **Time: 5:00 PM**
- **Location: Shady Lane Park**
- **Topic: "Steak Fry + Elections"**
- **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.
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## Next Weber Co VE Test Session:

**1st Wednesday 05 October 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 County Sheriff Office  
(Training room)  
721 W 12th Street Ogden UT**

**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 W0KP

Photographer: John Shupe K7DJO

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)