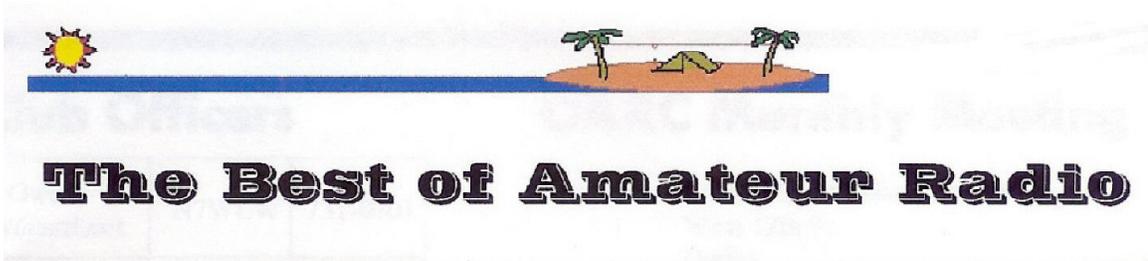




WATTS NEWS



Welcome to the OARC e-Magazine

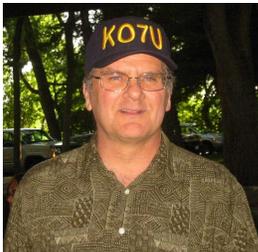
www.OgdenArc.org

AUGUST 2010

Next Club Meeting/Activity

3rd Saturday 21 August 2010

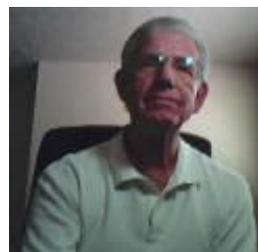
Activity: Steak Fry/Elections/Membership Renewal



Kim Owen K07U
President



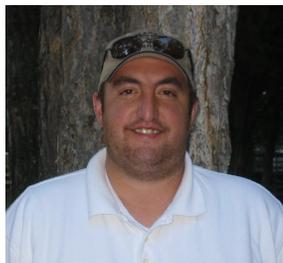
James Clarke KD7SWL
Vice President



Larry Griffin AD7GL
Secretary



Jeff Anderson KD7PAW
Treasurer



Justin Doxford KE7ROQ
Program Director

(open office)

Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

PREVIOUS CLUB MEETINGS

Saturday 17 July 2010

The annual OARC "T"-Hunt took place as scheduled this year but with a new twist. Rather than everyone meeting at a common starting place as was done in years past, the plan was to start from your own QTH and go from there. The hidden transmitter was turned on at 8:00 AM and emitted a FB (fine business) signal all over the county. Another twist to this years "T"-Hunt was the bonus that awaited you once you found the hidden treasure, a free breakfast, as prepared by our President Kim Owen KO7U. All that we knew in advance was that the transmitter would be hidden in a park in Weber County and one that had a bowery, such as to accommodate breakfast.

Congratulations to Gilbert Leonard KF7KPL who was the first to find the hidden treasure, and he did it in record time. The frequency used was 145.41 MHz simplex.



Winner = Gilbert Leonard KF7KPL

"T"-Hunt crew & breakfast cook

Over-the-Air Hints were provided for those that called in on 146.90 (Little Mountain repeater) and for those that just gave up and wanted to eat could call in on 146.82 (Mt Ogden repeater) for the bunny and breakfast location.

Remember the following tips for next year "T"-Hunt activity:

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.

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.

73 until next year.





NEXT CLUB MEETING

When: 3rd Saturday 21 August 2010

Time: 05:00 PM

Location: Shady Lane Park, Pleasant View Utah

Activity: Steak Fry/Elections/Membership Renewal/Auction

Renewal: \$15 member - \$8 additional family member - \$5/steak

Note: Please bring Pot Luck Dish to share

Elections will take place at [OARC steak fry meeting 3rd Saturday 21 August @ 5 PM](#)

Volunteer yourself or Nominate any member in good standing that you would like to see lead OARC to new highs next year to serve from October of this year thru September of the following year.

eMail nominations to OARC nomination committee (nominate@ogdenarc.org) or call **Larry Griffin AD7GL at 801-605-3108**.

Remember to include the following: "Club Office", "Nominee Name", "Your Name".

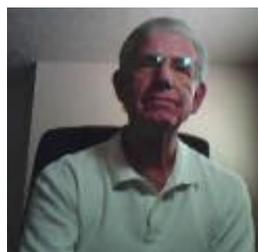
Nominations for the coming year are as follows:



Kim Owen KOTU
President



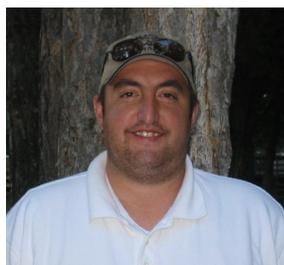
James Clarke KD7SWL
Vice President



Larry Griffin AD7GL
Secretary



Jeff Anderson KD7PAW
Treasurer



Justin Doxford KE7ROQ
Program Director
(serving 2nd yr of 2 yr office)

(nominations needed)

Activity Director

CLUB BUSINESS

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.

"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**.

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 "Club Officers" page.

FROM KIM'S SHACK



CQ ALL Members and Friends of OARC

The Fox Hunt breakfast went well. Gilbert/KF7KPL was the hungriest hunter. The location at Rohmer Park seemed to be tricky. One veteran hunting duo said they were up and down Riverdale and checked out every park in that city.

Rohmer Park overlooks the Riverdale area, good choice Jim/KD7SWL! It's also a little lower than Washington Terrace which made the signal weaker as you enter the Terrace and for the case of our duo, they lost the signal and called for help.

Beside the many that found the park with their radio, we had a pair that used the APRS signal and looked it up on www.aprs.fi for the location and some that just called in for directions. It was an enjoyable time to visit and talk about the lessons learned from the hunt.

The year is gone and it is time for our steak fry and elections. Our Club Secretary Larry/AD7GL is in charge of the elections. He and his committee have nominations for Officers for the coming year. If you'd like to serve, please contact him. His contact information is on the club web page www.ogdenarc.org.

Serving as Club President this past year has been fun for me because of the support that I had. Everyone was willing to help. I feel the success that we had this year is a reflection of our excellent club officers. Besides our club officers, there are others that make the club run smoothly. They are always in the background performing service to the club. At the risk of forgetting someone, I want to recognize them and thank them personally:

- 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; a special thanks to Maggie/N7HCP too for letting him do it.
- Mary Hazard/W7UE – Mary in our VE Liaison and the Trustee of the club call sign W7SU. There are normally 3-4 VE sessions a year. This year she and her team, besides the normal test sessions, provided numerous special test sessions to accommodate various classes. There is a lot of work that goes into each test session. Her team includes Alan Bryner/KK7UD, Brad Bate/N7SWW, David Black/AC7QO, Ken Wilson/N7OG, Larry Griffin/AD7GL, Richard Morrison/W7RIK and Richard Rohde/W7DAX. There are others too that I've missed.
- Kent Gardner/WA7AHY – Kent has been a great help this year. He is always willing to help in any capacity. He made the Golden Spike Special Event a great success. Everyone that participated had fun on the radio and fun with the railroad visitors.
- Stan Sjol/W0KP – Thanks to Stan and Gale/ WD0CWK for letting us hold Field-Day at their Ranch again. There is considerable preparation they do for us. Their yard always looks immaculate; they have a big yard too. It is a very comfortable setting.
- Mike Fulmer/KZ7O – Is our Repeater Engineer. He has a vast technical knowledge of Amateur Radio and keeps our repeater running smoothly.

Besides their special skills and tasks that they perform, they provide guidance and counsel to me and the board.

And last of all I'd like to thank our club members for giving me the opportunity to serve with these fine people. They have set a high standard for the new officers in the coming year.

I hope to see you at the club barbeque!

For now,
73 de Kim/KO7U

HOBBY NEWS



Oklahoma Town Agrees RFI Ordinance Does Not Apply to Hams

08/09/2010

Acting on behalf of an ARRL member in Midwest City, Oklahoma -- who had been sent a notice by the town asserting that he was in violation of a town ordinance regarding radio frequency interference (RFI) -- the [ARRL notified Midwest City officials that only the FCC is empowered to regulate such matters](#). Two weeks after ARRL General Counsel Chris Imlay, W3KD, sent the letter to town officials, Midwest City Assistant City Attorney Randal D. Homburg sent an e-mail to the ham to let him know "the previously delivered notice is hereby rescinded [sic]. There will be no citations issued and thus, the issue is moot." Midwest City is in the Oklahoma City metropolitan area.

Calling the ordinance "null and void," General Counsel Imlay said the notice stated the ham "was in violation of the ordinance as the result of radio frequency interference appearing in a neighbor/complainant's home electronic equipment. The licensed radio amateur was ordered to remedy the problem in one day, under penalty of a sanction assessed against the real property of the radio amateur."

The ordinance in question -- Midwest City Ordinance 27-3(9) -- reads: "In addition to other public nuisances declared by other sections of this Code or law, the following [is] hereby declared to be [a] public nuisance: Operating or using any electrical apparatus or machine which materially and unduly interferes with radio or television reception by others." Section 27 of Midwest City's Ordinances deals with nuisances.

"As previously indicated, it is the city's position that the ordinance cited in the notice, MCO 27-3(a)(9), does not apply to RF transmission devices licensed by the FCC as to their operation and use pursuant to the license," Homburg's letter read. "In the event there are future complaints from any citizen about a neighbor's use of these licensed devices, the city will direct the complaining party to file their complaints with the FCC."

Homburg went on to say that there is no issue with the language of the ordinance: "This council adopted the ordinance over eleven (11+) years ago, pursuant to the procedures for adoption such ordinance provided for under the city's charter. Your issue with the ordinance has been with the application of the cited section to the use of your licensed transmitting device. That is no longer an issue. This e-mail is the official position of the city. There should be no need for further inquiry from any other city official."

Prison escapee linked to NM killings

Escapee and two others are still on the run

ALBUQUERQUE (KRQE) - One of two men who escaped from an Arizona prison late last month has been linked to two murders that happened near Santa Rosa this week.

New Mexico State Police Major Robert Shilling said Saturday that John McCluskey, 45, was linked through forensic evidence to charred remains found in a trailer near Santa Rosa Wednesday. Major Shilling declined to provide specifics and would not say whether police think the other two people McCluskey is believed to be traveling with, Tracy Province, 42, and Casslyn Mae Welch, 44, are responsible for the killings.

State Police said the trio is most likely still traveling together and is armed and extremely dangerous. Shilling said they could be anywhere including New Mexico.

"The public needs to be vigilant more than anything," Shilling said. "Not alarmed, not scared, but vigilant, paying attention to suspicious circumstances, suspicious individuals."

Province, McCluskey and Daniel Renwick escaped from the medium-security Arizona State Prison near Kingman on July 31 after authorities said Welch threw wire cutters over the perimeter fence. Renwick was arrested in Colorado on Aug. 1.

The badly burned skeletal remains were found by a rancher in a charred trailer. State Police have confirmed that an Oklahoma couple, Linda Haas, 61, and Gary Haas, 60, had owned the trailer and a pick-up truck that was found later abandoned in Albuquerque. Detectives are still waiting on positive identifications from the Office of the Medical Investigator as to whether or not the charred remains are in fact those of Linda and Gary Haas.

Province and McCluskey were both serving time for murder. Province was incarcerated for the brutal stabbing death of an Arizona man, Norman Knoblich, nearly 20 years ago. McCluskey was serving time for second degree murder. His mother, Claudia Washburn, 68, was arrested Saturday in Arizona because she is believed to have helped the inmates get away. Authorities there suspect her of giving the escapees financial and other types of support.

A nationwide search is underway for the trio, investigators believe they may be traveling in a 1997 platinum gold Nissan Sentra with Arizona license plate: 620PFV. Police are advising the public to call them and not to approach the trio because they are considered armed and extremely dangerous.

QST June 2010

February 2010 was the first time in 3 years (since January 2007) the have sunspots during every single day of the month.

After such a long solar minimum we are finally starting to see a rise in solar activity.

In early March at least six active regions around the circumference of the sun were being tracked.

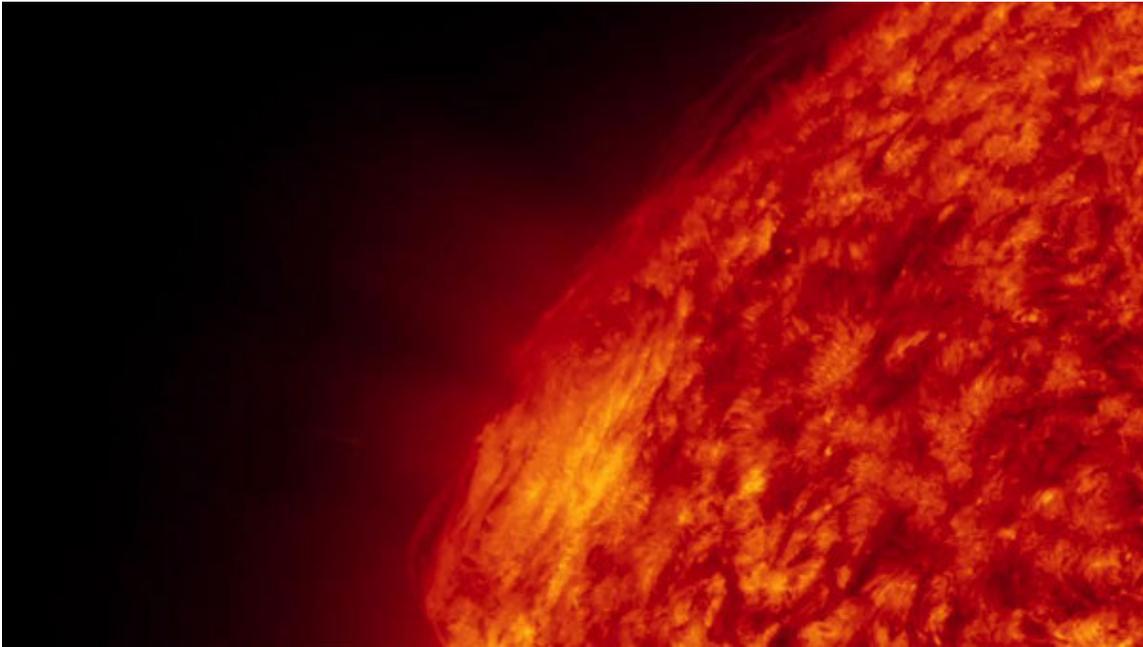
FEATURE ARTICLE

August 03, 2010

Earth is bracing for a cosmic tsunami Tuesday night as tons of plasma from a massive [solar](#) flare head directly toward the planet.

The Sun's surface erupted early Sunday morning, shooting a wall of ionized atoms directly at Earth, scientists say. It is expected to create a geomagnetic storm and a spectacular light show -- and it could pose a threat to [satellites](#) in orbit, as well.

"This eruption is directed right at us and is expected to get here early in the day on Aug. 4," said Leon Golub of the Harvard-Smithsonian Center for Astrophysics. "It's the first major Earth-directed eruption in quite some time."



The solar eruption, called a *coronal mass ejection*, was spotted by NASA's [Solar Dynamics Observatory](#), which captures high-definition views of the sun at a variety of wavelengths. SDO was launched in February and peers deep into the layers of the sun, investigating the mysteries of its inner workings.

"We got a beautiful view of this eruption," Golub said. "And there might be more [beautiful](#) views to come if it triggers aurorae."

Views of aurorae are usually associated with Canada and Alaska, but even skywatchers in the northern U.S. mainland are being told they can look toward the north Tuesday and Wednesday evenings for rippling "curtains" of green and red light.

When a [coronal mass ejection](#) reaches Earth, solar particles stream down our planet's magnetic field lines toward the poles. In the process, the particles collide with atoms of nitrogen and oxygen in the [Earth's atmosphere](#), which then glow, creating an effect similar to miniature neon signs.

The interaction of the solar particles with our planet's magnetic field has the potential to create [geomagnetic storms](#), or disturbances, in Earth's magnetosphere. And while aurorae are normally visible only at high latitudes, they can light up the sky even at lower latitudes during a geomagnetic storm.

Fortunately for Earth-bound observers, the atmosphere filters out nearly all of the radiation from the solar blast. The flare shouldn't pose a health hazard, Golub told FoxNews.com.

"It's because of our atmosphere," he explained, "which absorbs the radiation, as well as the magnetic field of the Earth, which deflects any magnetic particles produced."

The radiation "almost never" makes it to ground, he noted, though pilots and passengers in airplanes may experience increased radiation levels akin to getting an X-ray.

The solar particles also could affect [satellites](#), though scientists think that possibility is remote. Orbital Sciences Corp. believe a similar blast may have [knocked its Galaxy 15 satellite](#) permanently out of action this year.

This type of solar event has both government officials and satellite manufacturers worrying.

NASA scientists warned recently that high-energy electric pulses from the sun could cripple our electrical grid for years, causing billions in damages. In fact, the House is so concerned that the Energy and Commerce committee voted unanimously to approve a bill allocating \$100 million to protect the energy grid from this rare but potentially devastating occurrence.

The [sun's activity](#) usually ebbs and flows on a fairly predictable cycle. Typically, a cycle lasts about 11 years, taking roughly 5.5 years to move from a solar minimum, a period of time when there are few sunspots, to peak at the solar maximum, during which sunspot activity is amplified.

The last solar maximum occurred in 2001. The latest minimum was particularly weak and long-lasting.

The most recent solar eruption is one of the first signs that the sun is waking up -- and heading toward another maximum.

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday 21 August 2010

- The Ogden Amateur Radio Club meetings are usually held on the 3rd Saturday of each month.

- **Time: 05:00 PM**
- **Location: Shady Lane Park**
- **Activity: Steak Fry
Elections/Membership Renewal**
- **Talk-in: -146.90 (pl 123.0)**

Check OARC web site for details

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 06 October 2010

- 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 (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

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	ogdenarc.org	3 rd Saturday 09:00 am	Check OARC web site ...
WC ARES	ogdenarc.org/join.html#ares	2 nd Thursday 06:30 pm	Weber Co. Library Ogden Utah
WC Sheriff Comm-O		1 st Saturday 10:00 am	Weber Co. Sheriff Complex West 12 th Street Ogden Utah
Barc	barconline.org	2 nd Saturday 10:00 am	Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut
CSERG	dcarc.net/ares.htm/	Last Wednesday 8:30pm	Clearfield City Hall Clearfield Utah
Dcarc	dcarc.net	2 nd Saturday 10:00 am	Davis Co. Sheriff Complex Farmington Utah
NU Ares	home.comcast.net/~noutares/	3 rd Wednesday 7:00 pm	Cache Co. Sheriff Office Logan Utah
Uarc	xmission.com/~uarc/	1 st Thursday 7:30 pm	UofU EMC Bldg Room 101 Salt Lake City Utah
Ubet	27meg.com/~k7ub/	4th Thursday 6:30 pm	BE-Thiokol: 24 East 100 South Brigham City Utah
Utah DX Association	udxa.org	3 rd Wednesday check web page for details	check web page for details Salt Lake City area
UvhfS	ussc.com/~uvhfs/	Each Tuesday 8:00 pm (refer to web site)	Weekly 2 meter net (no eye ball meetings)
WD Arc	westdesertarc.org/	1 st Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	arcweber.edu	3 rd 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 HF LSB
Daily @ 07:30 PM mt	Utah Code net HF	3.570 Mhz HF CW
Daily @ 02:00 UTC	Utah Farm net HF	3.937 Mhz HF LSB
Sunday @ 8:45 AM	Ogden Old Timers HF net	7.193 Mhz HF LSB
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 2-meter USB
Tuesday @ 8:00 PM	Weber ARES	448.600 - 123.0
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 HF USB
Wednesday @ 9:00 PM	6-meter SSB net	50.125 Mhz 6-meter USB
Thursday @ 6:30 PM	Davis Co Elmers Net	147.040 + 123.0 New Hams
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 rd 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 HF LSB 3 rd Saturday – odd months only
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz HF LSB

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: (open office)

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

OTHER CLUB APPOINTMENTS

Webmaster: Val Campbell K7HCP

Past Pres Advisor:
Kent Gardner WA7AHY

Board Advisor: Stan Sjol WOKP

Repeater Engineer: Mike Fullmer KZ7O

VE Liaison: Mary Hazard W7UE

73 es cul de W7SU

www.OgdenArc.org