



WATTS NEWS



The Best of Amateur Radio

Welcome to the OARC e-Magazine

www.OgdenArc.org

DECEMBER 2010

Next Club Meeting/Activity

3rd Saturday 18 December 2010

Topic: OARC Family Dinner



Kim Owen KO7U

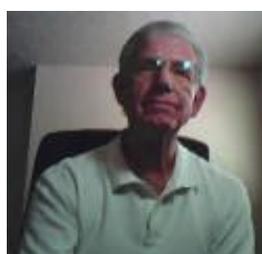
KD7PAW

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James Clarke KD7SWL

Vice President



Larry Griffin AD7GL

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Treasurer



Justin Doxford KE7ROQ
Program Director



Jamie Howell KF7LQY
Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

PREVIOUS CLUB MEETINGS

Saturday 20 November 2010

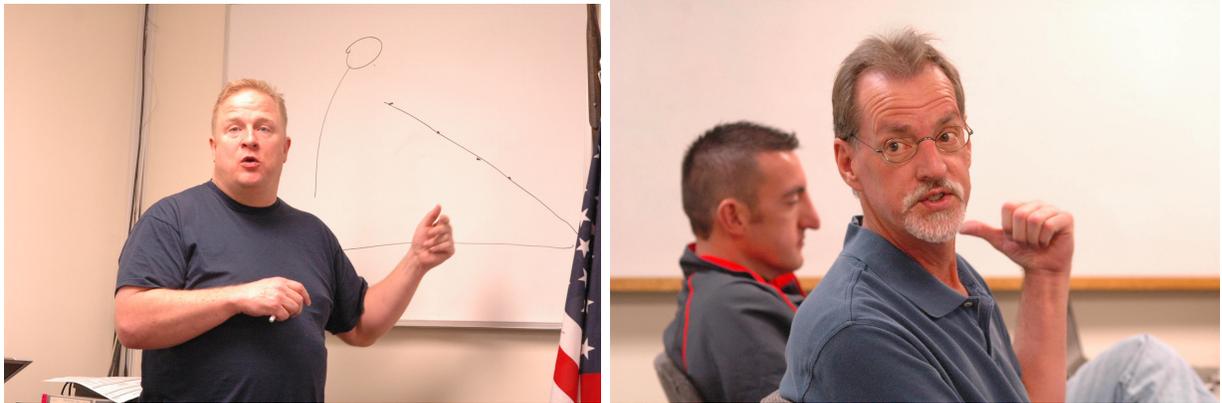
Tracking High Altitude Balloons using Amateur Radio

Justin Doxford KE7ROQ Family & Friends

Justin's Uncle Jon and his Dad talked about Space Balloons, and how they have used ham radio to track them. It was a fun meeting, with pictures of the balloons at levels over 100,000 feet above the earth.

Website for the Space Balloons talked about at the meeting.

<http://www.extremespaceadventures.com/>



NEXT CLUB MEETING

When: 3rd Saturday 18 December 2010

Time: 05:00 PM

Topic: OARC Family Dinner

Location: Mongolian Grill

(172 W 36th Street Ogden - Newgate Annex just North of NewGate Mall)

GRAND DOOR PRIZE: \$100 Visa Gift Card + 2 free dinners + more

[Paid-up members only, sign-up/renew membership at meeting]

RENEW NOW

(final reminder)

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 the monthly meetings.

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**

CLUB BUSINESS

ARRL Rocky Mountain Division update -- December 2010

It's that jolly time of the year, and a good time to reflect on a great time we've had representing you and ham radio on the ARRL Board as Director and Vice-Director. Here's a look back over the past 12 months of everybody's progress, including yours:

--- The monthly Rocky Mountain Division HF net has continued to allow us to meet you on the air, pass on pertinent information, and otherwise improve communication across our large Division -- the good ol' ham radio way. (Join us on the air tonight...more details below)

--- We've continued to send monthly information with information and announcements to the Rocky Mountain Division membership via emails like this one.

--- Our Division website (www.RockyMountainDivision.org) has been expanded to include additional information of interest.

--- The second recipient of the annual Rocky Mountain Division awards program was announced: Roger Kehr N3AOQ of Salt Lake City, Utah was named the 2009 Division Ham of the Year; unfortunately no nominations were received for Division Young Ham of the Year or Division Technical Achievement Award. Nominations for all of 2010's awards are being accepted now!

--- The 2010 Rocky Mountain Division Convention held in Casper, Wyoming was a fantastic success, thanks to all those who organized it and made the trip for a great weekend of fun. We look forward to the 2011 Division Convention held next year in New Mexico.

--- A whole bunch of clubs and groups organized and successfully offered hamfests and swapfests across our great Division so hams like you and I could buy/sell gear, learn new things at forums, upgrade our licenses, and socialize with other dedicated hams.

--- Your Division leadership is grateful for the opportunity to meet so many of you through attending the following hamfests in 2010: the Division Convention in Casper, Wyoming, the Albuquerque Duke City Hamfest (Albuquerque, NM), and the Socorro Hamfest (Socorro, NM), and more.

--- Thanks to you, the clubs you belong to, the volunteer examiners that you know, our Section Managers and their combined 347 member strong field organization, ARRL membership in the Rocky Mountain Division is up 2.2% from last year -- a higher percentage than any other Division in the United States, yet again. We currently sit at 6,589 members -- an increase of 148 since last year. Please continue to recruit new and experienced hams alike to the League family.

-- Above all else, Rocky Mountain Division members like you and I have been active Hams. We had a great year on the airwaves, chewing the rag, chasing DX, providing service to our communities in times of need, contesting, chipping away at awards, experimenting with newly built gear, mentoring others, serving within clubs, and more.

It's been a wonderful year, and it'll continue right into 2011 beginning with the January ARRL Board of Directors meeting. From our family to yours, Merry Christmas and Happy Holidays -- we'll catch you on the airwaves.

===== Rocky Mountain Division Awards – Call for Nominations =====

There are many hams within our great Division who deserve to be recognized for their achievements and contributions to the ham community – and we'd like to honor them. Your Rocky Mountain Division offers the following annual awards:

Rocky Mountain Division Ham of the Year Award
Rocky Mountain Division Young Ham of the Year Award
Rocky Mountain Division Technical Achievement Award

Complete details, rules and a nomination form can be found on the Division website (www.RockyMountainDivision.org). Please give some thought to hams in your area, or within your club and consider submitting a nomination to recognize that person's hard work.

===== Tech Tip of the Month =====

The purpose of the Tech Tip section is to offer a platform for ARRL members like you to offer concise, technical advice and suggestions for all. Our aim is not to use this space to teach someone how to design a radio, but to offer brief hints and kinks for hams to learn from. If you have a Tech Tip you'd like to offer – any topic pertaining to ham radio is welcome – please send it in a few paragraphs to Vice-Director Dwayne Allen WY7FD (wy7fd@arrl.org) for consideration.

===== Rocky Mountain Division HF Net =====

Our next monthly Rocky Mountain Division HF net will occur in December to disseminate information and give us a chance to meet you and your ideas in QSO. Here are the details:

DATE: Wednesday, December 8 (tonight)
TIME: 7:30 PM Mountain (or immediately following NM Roadrunner net)
FREQ: 3939 kHz +/- due to any QRM

General check-ins will be accepted, news and information will be passed, and everyone participating will be invited to ask their Division leadership questions, raise any concerns, or suggest ideas.
We hope you'll join us.

===== Upcoming hamfests, tailgates & conventions =====

January 15 Northern Colorado ARC Winter Hamfest (Loveland, CO)
January 29 Albuquerque Winter Tailgate Swapfest (Albuquerque, NM)
February 13 Aurora Repeater Association Swapfest (Brighton, CO)
April 2 Longmont ARC LARCFest (Longmont, CO)
August TBD 2011 Rocky Mountain Division Convention (New Mexico)

Links to websites belonging to the above events are found on the Rocky Mountain Division site: www.RockyMountainDivision.org

If you're organizing a Hamfest, convention or tailgate, please consider having your event ARRL-sanctioned. Sanctioning details can be found at <http://www.arrl.org/hamfest-convention-application>

===== Upcoming on-air activities =====

In addition to chewing the rag with fellow hams, here are some additional on-air activities which await you on the airwaves.

Upcoming special event stations: <http://www.arrl.org/special-events>

Upcoming contests: <http://www.arrl.org/contest-calendars-events>

Operating awards: <http://www.arrl.org/awards>

===== Final note... =====

Please touch base with your Section Manager if he can be of assistance to you:

Jeff Ryan K0RM (Colorado): <http://www.arrl.org/Groups/view/colorado>

Don Wood W5FHA (New Mexico):
<http://www.arrl.org/Groups/view/new-mexico>

Mel Parkes NM7P (Utah): <http://www.arrl.org/Groups/view/utah>

Garth Crowe N7XKT (Wyoming): <http://www.arrl.org/Groups/view/wyoming>

Vice Director Dwayne Allen and I continue to welcome your concerns, questions or ideas regarding ARRL policies. See you on the airwaves!

73,

Brian Milesosky N5ZGT, Rocky Mountain Division Director Dwayne Allen WY7FD,

Rocky Mountain Division Vice-Director Division website:

www.RockyMountainDivision.org

FROM KIM'S SHACK



From Kim's



Kim Owen KO7U - President



CQ ALL Members and Friends of OARC

It's the most wonderful time of year!

What is Christmas at a REAL Ham's house?

Answer a few questions to see if you are a REAL Ham.

Do you have a new transceiver under the Christmas tree?

Are your Christmas tree lights interconnected together with Anderson connectors?

Have you ever used your Christmas lights as a dummy load?

Do Christmas lights outside your house flicker up when you transmit?

Do your neighbors Christmas tree lights flash out your call sign in morse code when you turn on your amplifier?

Do you have a Star hanging from the top of your tower?

Are Christmas lights strung up your tower to form a Christmas tree?

Have you ever use your artificial Christmas tree as an antenna?

Have you ever stayed up Christmas Eve to let young ones talk to Santa on a Santa Claus net?

Do you have a QSL card from Santa?

If you answered YES to any of these questions, you might be a REAL Ham.

But that's alright, because you have lots of ways to have fun!

December 18th is our annual Christmas dinner, one of the high points of the year. I am looking forward to seeing you there! I hope you and your family this Christmas season will be warm and safe.

For now,

73 de Kim/KO7U

CLUB NEWS

"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**.

Another interesting license plate

I found this one in the Best Buy parking lot. It is, of course, not a ham plate because of the number in the last three digits, but I did have to look twice to make sure.

TNX
Kent, WA7AHY



HOBBY NEWS



Amateur Allocation at Lower MF Gains Formal Support in the Americas

12/09/2010

A secondary allocation to the Amateur Radio Service at 461-469 and 471-478 kHz gained inter-American support in meetings held earlier this month in Bogota, Colombia, with the Permanent Consultative Committee II ([PCC.II](#)) of the Inter-American Telecommunication Commission ([CITEL](#)) adopting the US position for the MF allocation. World Radiocommunication Conference 2012 ([WRC-12](#)) Agenda Item 1.23 calls on participants “ to consider an allocation of about 15 kHz in parts of the band 415-526.5 kHz to the Amateur Service on a secondary basis, taking into account the need to protect existing services.”

Canada -- which had previously supported a secondary allocation at 472-487 kHz -- withdrew that support and aligned itself with the US at the meeting in Bogota. Over the course of the meeting, Argentina, Brazil, Colombia, the Dominican Republic, Uruguay and Venezuela signed on to have CITEL present the agenda item at [WRC-12](#) as an Inter-American Proposal (IAP). The support of six countries is required for a proposal to gain IAP status. The [US agreed to support the allocation earlier this year](#), despite initial opposition by maritime interests.

As a member of the US delegation, ARRL Technical Relations Specialist Jon Siverling, WB3ERA, attended the meeting, serving as [Rapporteur](#) for the agenda item. IARU Region 2 President Reinaldo Leandro, YV5AMH, was also in attendance on behalf of the IARU. The adoption of an affirmative IAP on Agenda Item 1.23 represents an important milestone in the ARRL' s and the IARU' s international advocacy efforts.

ARRL Chief Executive Officer David Sumner, K1ZZ, explained that while the milestone is important, there is still work to be done on the agenda item to maximize success at WRC-12: “ While we still face an uphill battle internationally, gaining the support of one of the major regional telecommunications organizations this early in the process improves our chances for achieving an allocation at WRC-12.”

CITEL is one of six regional telecommunications organizations whose formal positions carry significant weight during deliberations at a WRC. The WRC-12 is scheduled for January 23-February 17, 2012 in Geneva.

GUEST ARTICLE

By Dan Romanchik, KB6NU

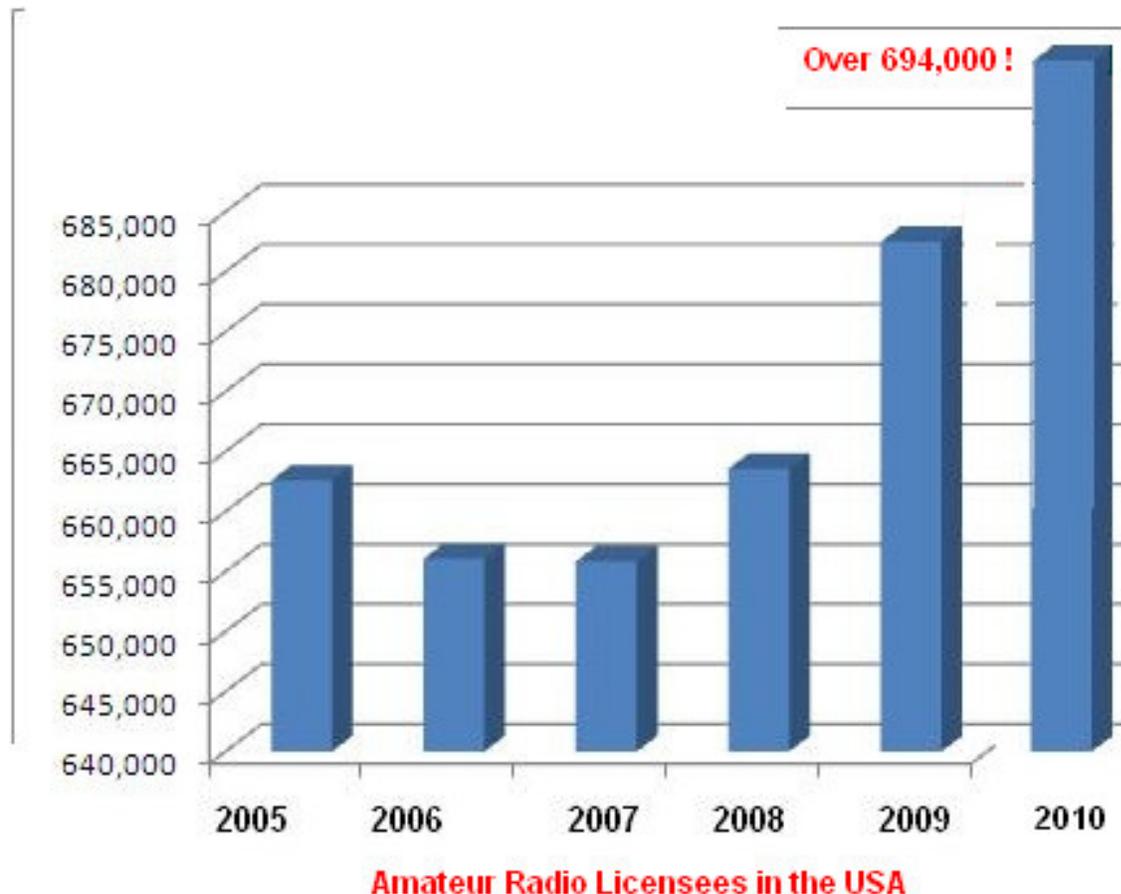
Is Ham Radio Dying?

If you've been around ham radio for even a year or two, you've no doubt heard or participated in the debate as to whether or not ham radio is dying. The question is as perennial as the grass.

Recently, this was a topic of discussion on the ARRL PR mailing list. Allen, W1AGP, the ARRL's Media & PR Manager, generated a chart to show that ham radio is NOT dying. It showed the number of licensees in the U.S. every year from 2005 to 2009:

2005: 661,000
2006: 655,000
2007: 655,000
2008: 662,000
2009: 681,000
2010: 694,000!

This chart as drawn a good example of how you can lie with statistics. The y-axis started at 640,000, so the rate of increase in the number of licensees looked quite dramatic. Even so, the good news is that the number of licensees is quickly approaching 700,000, and should surpass that number shortly.



Upon seeing this chart, Jerry, N9TU, did a little statistical analysis of his own. Of the 83 licensees in his zip code, nine are deceased and one has expired. There are four Novices, 36 Techs, 18 Generals, 5 Advanced and 10 Extras.

From this data, he deduces, "If this is an average sampling of deceased members, expired members and club licenses, there are roughly 90,000 fewer licensees than shown in the data nationwide. I have no clue of the error rate involved with my data. Your results may vary." My guess is that his zip code is probably pretty typical, and that his analysis is essentially correct.

There's also the question of activity. It's my guess that nearly half of all licensees are inactive, and that if we could figure out a way to activate those hams, then we'd really be able to say that our hobby is not dying. It's something worth thinking about, but there's certainly no easy answer to this problem. As Yogi Berra is purported to have said, "If people don't want to come out to the ball park, there's nothing you can do to stop them."

Overall, though, I think the numbers are headed in the right direction. Ham radio is NOT dying. Let's all keep up the good work.

When not pondering whether the reports of ham radio's death have been greatly exaggerated or not, Dan operates CW on the HF bands, teaches ham radio classes, and blogs about ham radio at www.kb6nu.com. All comments welcome and appreciated. E-mail them to cwgeek@kb6nu.com.

FEATURE ARTICLE

This ham needs to start using eBay or eHam real soon.

W9EVT

<http://www.greengate-wibb.com/HamRadio.html>



ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday 18 December 2010

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

- **Time: 05:00 PM**
- **Location: Mongolian Grill**
- **Topic: OARC Family Dinner**
- **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 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 (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:

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

73 es cul de W7SU

www.OgdenArc.org