



WATTS NEWS



The Best of Amateur Radio

Welcome to the OARC e-Magazine

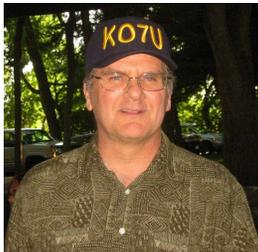
www.OgdenArc.org

NOVEMBER 2010

Next Club Meeting/Activity

3rd Saturday 20 November 2010

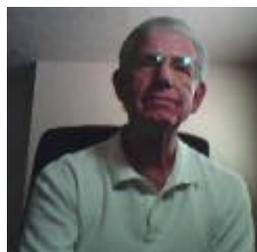
Topic: Tracking High Altitude Balloons using Amateur Radio



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 16 October 2010

IRLP & EchoLink by Gordon Smith K7HFV



Gordon Smith K7HFV presented information about IRLP communications systems and EchoLink communications systems. Both methods use the internet as a transmission medium between two different nodes. However for IRLP, RF transceivers are used to link the ham radio operator with the local IRLP node and the same on the distant IRLP node. For EchoLink systems, the RF transceiver is optional. Two EchoLink nodes can communicate over the internet directly, computer to computer. A Ham radio license is required to set up an EchoLink station.

The following links will get you started if you choose to participate in either of these very interesting modes. <http://www.irlp.net/> and/or <http://www.echolink.org/>

73, until next year.

NEXT CLUB MEETING

When: 3rd Saturday 20 November 2010

Time: 09:00 AM

Topic: Tracking High Altitude Balloons using Amateur Radio

By Justin Doxford KE7ROQ Family & Friends

Justin's Uncle, Jon, his Dad, and one other ham will be talking about Space Balloons, and how they have used ham radio to track them. It will be a fun meeting, with pictures of the balloons at levels over 100,000 feet above the earth. This will be an exciting meeting. Don't miss it.

Location: Riverdale Fire Station

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**

CLUB BUSINESS



Justin Doxford KE7ROQ, our club Program Director, is asking for your help.

Please make some suggestions for future [OARC Meeting Topics and Activities](#). Tell us what you would like to have presented as a meeting topic in the future. If you have a suggestion for a club activity or field trip, please let us know. If there is something that we did in the past and you especially liked it, don't keep it to yourself. Let us know what you think.

Oh yes. If you would like to present to the club your favorite Ham radio topic of interest or item of interest, please step forward. We would love to hear from you.

Contact Justin via email at justind@adv-tech.com or contact any OARC board member or the club webmaster.

73, Justin KE7ROQ

WANTED

I am looking for 10 meter and/or 6 meter SSB transceivers.

If anyone has something like this they will sell, please contact me.

CSERG (Davis County area) is trying to stimulate some interest in HF among our Techs.

CONTACT: Dave Harris K7PDW@arrl.net

FROM KIM'S SHACK



Kim Owen KO7U - President



CQ ALL Members and Friends of OARC

The highlight of each year to me has always been in November as it's a time of thankfulness and gratitude. The family gathers around the dinner table, a turkey and ham are carved and stories are shared and lessons are learned. Traditionally, it starts the Christmas season. It's Veteran's-day and the Marines birthday too. My brother served 27 of those 235 years of the marine's existence. God bless our Vets and God bless America.

November is also a time of fun radio events, viz. sweepstakes. Prelude to November's sweepstakes was the CQ World Wide in late October. I captured 59 DX stations in my log in the several hours that I was on the air. It created a thirst and anticipation for sweepstakes this month. Anyone who has been to our club Field-days the last couple of years know that I am not a contender at any level. I only participate in any contests for a few hours. But to me it is fun to learn about the capabilities of my equipment and to listen to good operators. Give it a try; I'll be listening for you.

This month club meeting will be Justin's family and a family friend. They will be talking about Space Balloons, and how they have used ham radio to track them. It will be a fun meeting, with pictures of the balloons at levels over 100,000 feet above the earth.

Enjoy for family and friends this thanksgiving, play some in sweepstakes or other radio activity and join us at club meeting.

For now,
73 de Kim/KO7U

CLUB NEWS

Pete Smith K7ZTM - sk

As some of you may already know, Pete Smith, K7ZTM, has become a silent key. As far as they can determine he died sometime Wednesday night October 27, 2010. They spoke to his Daughter Ruth, but not too many details were available. They know he had an excess of calcium in his blood and they had put him on kidney dialysis to try to remove some of it. His kidneys were not functioning very well last anyone heard.

Pete's daughter said Pete didn't like funerals and didn't want one. So I suppose maybe there won't be anything in the obituaries, and so far nothing. He is supposed to be buried at Camp Williams. He was retired military so he and his wife are entitled to that.

Pete was a member of DCarc and was often heard on the DCarc 147.04 repeater. He advertized often on the OARC O'bay online swapmeet page.

We will miss your kind and encouraging radio voice, Pete.

Rest Well.

73 & 88.

"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**.

HOBBY NEWS



New York Judge Declares Amateur Radio Is Not a Cell Phone

09/10/2010

In many states and localities, it is illegal to talk on a cell phone (without a hands-free device) while behind the wheel -- doing so can result in a ticket and possibly a large fine. But on May 30, 2010, when a New York ham was talking on his mobile rig, he didn't think he was doing anything wrong. Except that the officer who pulled him over and cited him with a \$100 fine didn't quite see it that way.

Steve Bozak, WB2IQU, of Clifton Park, told the ARRL that when he was pulled over while driving to Troy -- about 16 miles away -- he assured the officer that he was not speaking on a cell phone, but on his handheld transceiver. But according to Bozak, the officer said "it was all the same to him." So Bozak decided to fight the ticket in court.

"Honestly, it's not the fine or the ticket, but that all the other hams who use mobile radios have to hide the fact we are mobile in Troy," he told the ARRL just days after he was cited. "I will do my best to settle this politely and correctly, for all of the ham community. So I will follow the course and have my day in court, to 'tell it to the judge.' This matter affects 38,000 hams in New York State."

Unfortunately, when Bozak had his day in court for a pre-trial conference, the prosecutor refused to dismiss the case. But he didn't give up and took his case to City Court where, on September 8, where at the request of Bozak's attorney -- ARRL Volunteer Counsel ([VC](#)) Jeremy, Rase, KC2JRD -- the judge dismissed the case in Bozak's favor. Bozak argued that his use "of a handheld Amateur Radio does not fit the definition of a mobile telephone, and as such, the present charge should be dismissed." The prosecutor's office did not submit a response in opposition.

Saying that New York's Vehicle and Traffic Law defines a "Mobile Telephone" as a "device used by subscribers and other users of wireless telephone service to access such service," and that a "Wireless Telephone Service" is defined as "two-way real time voice tele-communications service that is interconnected to a public switched telephone network and is provided by a commercial mobile radio service," the judge decided that Bozak's handheld transceiver did not fit that description.

"A review of 47 C.F.R. §20.3 reveals that Citizens Band Radio Service is defined under private mobile radio service not commercial mobile radio service," the decision read. "Therefore, the Court finds that the use of an Amateur Radio device does not fit the definition of a mobile telephone as defined under the Vehicle and Traffic Law" As such, the judge dismissed the case in Bozak's favor.

"While the court cited the Citizens Band Service instead of the Amateur Radio Service, the ruling very is favorable to amateurs on the precise point of law raised," said ARRL Regulatory Information Manager Dan Henderson, N1ND. "The principle of law is spot on. This is a great ruling in New York and exactly what we had thought would happen."

GUEST ARTICLE

Zen and the Art of Radiotelegraphy

By Dan Romanchik, KB6NU

One thing that I find amusing about Morse Code is that the more people claim that it's dead, the more people there are that rise up to defend and promote it. Note that I said "defend and promote it," not actually use it, but that topic is for another column.

Having said that, let me direct you to a new tome on our ancient art, *Zen and the Art of Radiotelegraphy* by Carlo Consoli, IK0Y6J. This book is available as a free download in the original Italian (http://www.qsl.net/ik0y6j/enu/ZART_ita_v20100826.pdf) and in an English translation (http://www.qsl.net/ik0y6j/enu/ZART_r20101008m.pdf).

What makes this book different from others is that instead of concentrating on the mechanics of learning and using Morse Code, the author spends a good deal of time talking about the psychology of learning this skill. To succeed in learning Morse Code, Consoli advises that we need to change our approach to learning:

"When learning CW, therefore, we must establish a new component in our self-image and, when doing so, we need to be relaxed. Always practice during the same time of day and in a place where you can experience positive feelings of comfort and pleasure. When we make a mistake we are always ready to blame ourselves. This is the way we learnt from our environment during childhood, often accepting any fault as our own error or weakness.

This potentially destructive mechanism can be used to build a positive self-image, rather than demolish it. A mistake must be considered a signal, pointing us in the right direction. If you fail, let your mistake pass away, with no blame or irritation. Learn CW in a relaxed mood, enjoy the pleasure of learning something new, repeat your exercises every day and be confident in the self-programming abilities of your self-image. Just a few minutes a day: you can take care of your 'more serious' stuff later on."

Consoli also has some interesting things to say about getting faster. He agrees with me that it's essential to abandon pencil and paper and start copying in one's head. We also agree that at this point, you need to start using a paddle instead of a straight key.

He has analyzed the situation a lot more than I have, though. When hams ask me how I learned to copy in my head, all I can do is to relate my own experience, which is that one day, I just went cold turkey. I put down the pencil and paper and never copied letter-by-letter ever again.

Unfortunately, that doesn't seem to work for a lot of operators. If that doesn't work for you, Consoli says that what you need to do is to program yourself to copy in your head. You do this, he says, by relaxing and visualizing. Visualize yourself as a high-speed operator, and one day, you will be one.

That seems to have worked for him. He is a member of the Very High Speed Club (VHSC), First Class Operator's Club (FOC), and has been clocked at copying over 70 wpm.

Will it work for you? I'm not sure, but if you haven't been successful with other methods to improve your code speed, then Consoli's methods are certainly worth a try.

When not pondering the psychology of operating CW, Dan actually operates CW. You'll find him almost every day on either 40m, 30m, and as we transition to winter here in North America, 80m. You can e-mail him with comments or questions at cwgeek@kb6nu.com.

FEATURE ARTICLE

OARC e-Magazine Anniversary Issue

Concluding 6 full years (Nov 2004 - Oct 2010)

The past issue of the OARC e-Magazine, Watts News - Newsletter concluded its 6th year of electronic distribution. Yes, that's 72 issues. Wow, how fast times flies. It was 6 years ago when Gary Liptrot was elected president of OARC and he called upon me to become the OARC newsletter editor and OARC webmaster.

THE WEBSITE

Since then there have been 36,666 hits to our website. That's over 500 hits per week. I can't imagine who in their right mind would visit our site that often. Just in case you also wondered, I log the IP address of all hits to our site. You can see your own IP address each time you visit our site: <http://OgdenARC.org> by looking near the bottom of the left side menu for "Your IP address is...". You can view the complete IP history log by browsing the following URL: <http://ogdenarc.org/reporttoarc.asp>. I find it very interesting that the search engines from Yahoo, Google, MSN and AOL visit the site on an average of about once a day, usually during the wee hours of the night, looking for any updates.

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

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

THE NEWSLETTER

Remember the Breakfasts-in-the Park?

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

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

Do You Remember our Honored Authors?

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

User-Controlled On-Line Tuners (UCOT)

By Jim Southwick, N7JS

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

Beacon in a Box - A 10-Meter Auto Beacon

By Jim Southwick, N7JS

- CQ - February 2006 pg 52

No fueling: Field Day with Hydrogen

By Kim Owen, KO7U

- QST - June 2006 pg 44

OUR OFFICERS

Looking back in time, since August 2004, we have elected 7 sets of OARC officers. How many of them do you remember?

Between 2004-2010 we elected the following officers:

2004-2005

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

2007-2008

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

2005-2006

President: Mike Fullmer KZ7O
Vice Pres: Kent Gardner WA7AHY
Secretary: Chad Roylance KD7WQS
Treasurer: Jim Southwick N7JS
Director #1: Charles Horn KD7SST
Director #2: James Clarke KD7SWL

2008-2009

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

2006-2007

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

2009-2010

President: Kim Owen KO7U
Vice Pres: James Clarke KD7SWL
Secretary: Larry Griffin AD7GL
Treasurer: Jeff Anderson KD7PAW
Program Dir: Justin Doxford KE7ROQ
Activity Dir: Tom Harrington AF7J

2010-2011 (current officers)

President: Kim Owen KO7U
Vice Pres: James Clarke KD7SWL
Secretary: Larry Griffin AD7GL
Treasurer: Jeff Anderson KD7PAW
Program Dir: Justin Doxford KE7ROQ
Activity Dir: Jamie Howell KF7LQY

Throughout the entire 6 years the following have served in appointed positions:

2004-2010

Newsletter Editor & Webmaster: Val Campbell K7HCP

2004-2010

VE Liaison: Mary Hazard W7UE

2004-2010

Repeater Engineer: Mike Fullmer KZ7O

2007-2010

Equipment Manager: Val Campbell K7HCP

2008-2010

Historian: Kent Gardner WA7AHY

2010-2010

QSL Manager: John Shupe K7DJO

- Three or four times a year Mary W7UE conducts the Weber County VE Test Sessions that have provided for many new hams to join the ranks of Amateur Radio in our area.
- Our thanks to Mike KZ7O for all that he does to keep our repeaters operational.
- Kent WA7AHY volunteered to be the club historian which will preserve our place in history.
- John Shupe K7DJO recently volunteered to be the club QSL manager.
- Several years ago I found myself acting as the club equipment manager.
- Many thanks to all the previous officers that kept our radio club operating!

CLUB MEETINGS

Typically we meet for a formal meeting at least 6 times each year in January, February, March, April, October and November. Optionally the OARC board may choose to have formal meetings in May, June and July as well. The other 6 months are dedicated to outdoor events such as May (Golden Spike), June (Field Day), July ("T"-Hunt), August (Steak Fry/Elections), December (Family Dinner).

OARC Meeting Calendar at a Glance

MONTH	MEETINGS (3rd Saturday each month)	TIME
JAN	Meeting at Fire Station	9:00 AM
FEB	Meeting at Fire Station	9:00 AM
MAR	Meeting at Fire Station	9:00 AM
APR	Meeting at Fire Station	9:00 AM
MAY	Meeting at Fire Station or Golden Spike Event	9:00 AM
JUN	Optional Meeting at Fire Station	9:00 AM
JUN	Field Day (4th full weekend in June)	12:00 PM Sat - 12:00 PM Sun
JUL	Optional Meeting at Fire Station	9:00 AM
JUL	"T"- Hunt (follows optional meeting)	11:00 AM
AUG	Steak Fry / Elections / Membership Renewal (3rd Saturday in August)	5:00 PM
SEP	Joint Swap Meet (3rd Saturday of September)	8:00 AM
OCT	Meeting at Fire Station	9:00 AM
NOV	Meeting at Fire Station	9:00 AM
DEC	Family Dinner (3rd Saturday of December)	5:00 PM

MEETING TOPICS/PRESENTERS THROUGHOUT THE YEARS

Year/Month	Call Sign	Presenter	Meeting Topic
2007			
January	NZ7T	Jim Rudnicki	Air Traffic Control
February	KE7FBK	Susan Puls	Humanitarian Emergency Services
March	n/a	Dale Hooper	Amateur Radio Astronomy
April	W0KP	Stan Sjol	Amateru Radio Operator Awards
May			Special Event: Scout Jamborall
June			Field Day: Planning and Preparation
July			T-Hunt Meeting and Activity
October	n/a	Mike Seamons	NOAA-NWS Weather Observers
November	n/a	Ford Thompson	Red Cross Emergency Services
2008			
January	K7VE	John Hayes	D-Star
February	K7HCP	Val Campbell	HF Digital Communications for Beginners
March	AF7Y	Dennis Utley	DXing and DX Antennas
April		Club Members	Homebrew Show and Tell
May	N7ZI	Gary Liptrot	Morse Code Made Fun
June			Field Day: Planning and Preparation
July			T-Hunt Meeting and Activity
October	K7UT	Darryl Hazelgren	Contact Logging - Logbook of the World
November	NA7G	James Brown	Solar Power
2009			
January	W7HJK	Aaron Farr	Conversion From Analog to Digital Television
February	KZ7O	Mike Fullmer	RF Safety
March	K7RFW	Ray White	Portable Antennas...Buddypole plus others
April	KD7PAW	Jeff Anderson	Software Defined Radios
May	K7JL	John Llyod	Utah Repeater Coordination
June			Field Day: Past, Present & Future Planning
July	W7SAR	Jerry Wellman	Search & Rescue - Grab & Go Kits
October		Club Officers	Meet your new officers & their Ham Radio equipment
November	W0KP	Stan Sjol	Amateur Radio Satellite Communications
	KZ7O	Mike Fullmer	

2010

January	Ross Mann	Inventor's Project - Inventions, Gizmos and Micro Controllers
February	Richard Fisher NS7K	Contesting
March	Mel Parkes NM7P Val Campbell	ARRL section manager
April	K7HCP Gordon	HF-101 (HF for Beginners)
October	Smith/K7HFV	IRLP & EchoLink
November	Justin Doxford/KE7ROQ	Tracking High Altitude Balloons using Amateur Radio

Back issues of the newsletter are available on the website newsletter archive.

I hope you enjoyed our trip back in time to reminisce the good times we have had together - celebrating the "sport" of amateur radio.

73, Val Campbell K7HCP

Another interesting license plate

I spotted this one driving into the Burger King drive-up window at Wall and 20th. Luckily the car had to wait while the customer ahead completed their order so I had a chance to grab my cell phone, get out of my car, get the phone into camera mode and ask the driver quickly for permission to take a picture of his license plate. When I said I was a ham radio operator he began to understand. This is another case of one too many letters.

TNX Kent, WA7AHY



ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday 20 November 2010

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

- **Time: 09:00 AM**
- **Location: Riverdale Fire Station**
- **Topic: Tracking High Altitude Balloons using Amateur Radio**
- **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

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