



WATTS NEWS



The Best of Amateur Radio

Welcome to the OARC e-Magazine

www.OgdenArc.org

AUGUST 2009

Next Club Meeting

3rd Saturday August 15, 2009

Topic: Annual Steak Fry

Membership Renewal, Officer Elections, Equipment Auction

OARC OFFICERS

President: Kent Gardner W7AHY
Vice Pres: Justin Doxford KE7ROQ
Secretary: Maggi Campbell N7HCP
Treasurer: Jeff Anderson KD7PAW

Director #1: Mike Webster N9NZ
Director #2: Beth Harrington KE7ELF

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

OTHER CLUB FUNCTIONS

Webmaster: Val Campbell K7HCP
Board Advisor: Stan Sjol W0KP
Board Advisor: Mike Fullmer KZ7O
Repeater Engr: Mike Fullmer KZ7O
VE Liaison: Mary Hazard W7UE

PREVIOUS CLUB MEETINGS

3rd Saturday July 18, 2009

This month's meeting topic was "Search & Rescue (Grab and Go Kits)" presented by Jerry Wellman W7SAR. Jerry is not your average ham. His credentials are very impressive.

- Amateur Radio Operator - W7SAR
- Section Emergency Coordinator for the Utah ARRL section
- Search and Rescue Communications columnist for World Radio Magazine (since 1990)
- Active in search/rescue since 1970
- Search coordinator, incident commander
- SAR trainer, communications officer, dispatcher, and trainer
- Licensed in 1972 as an EMT in Wyoming
- Worked as a police dispatcher, highway patrol dispatcher, reporter, editor, writer
- Currently assigned special projects for the Deseret Morning News in Salt Lake City
- Lt. Colonel in the Civil Air Patrol
- Served as a squadron commander, net control station, emergency services officer, region inspector, region communications officer, search coordinator, and many other roles during 35 years as a CAP member
- Earned the "save" and "find" ribbons for locating downed aircraft and crash survivors
- Earned the Gill Robb Wilson (Level V) training award
- Visited the Philippines with the International Air Cadet Exchange
- Attended the National Staff College, and received a significant number of awards and decorations
- Attended the USAF Air Command and Staff College, the USAF Squadron Officer School, the USCG Search and Rescue School
- Has an A.S. degree in journalism, a B.S. degree in mass communications, and an M.A. degree in organizational management
- Jerry has been featured as a speaker at a number of EMCOMM gatherings including those in Utah, Wyoming, Idaho, Reno, NV and Seattle, WA.
- He has completed the ARRL's ARECC Level III and is a life member of the ARRL
- He is a volunteer chaplain with the Salt Lake County Sheriff's office
- He is active in Scouting

He presented a very interesting power point presentation on the subject and had many displays and show-and-tell bundles of Grab and Go kits that he faithfully uses in the course of his daily life. This morning was very well spent listening to Jerry and learning about the do's and don't of Search and Rescue.

Following the meeting we help our mandatory annual "T"- Hunt activity. The Jeff Anderson KD7PAW / Justin Doxford KE7ROQ team was first to find the hidden treasure.

Take a look at the pic's of the meeting, T-Hunt and the NC300 that will be auctioned off at the next OARC meeting, the Annual Steak Fry. Hope to see you there.

Val Campbell K7HCP

NEXT CLUB MEETING

When: 3rd Saturday August 15, 2009
Time: 5:00 PM
Location: Shady Lane Park - Pleasant View Utah
Topic: Annual Steak Fry, Membership Renewal,
Officer Elections, Equipment Auction



Pic - NC300 goes here
Equipment Auction - featured item

OARC annual Steak Fry event

(Membership Drive/Officers Elections/Equipment Auction)

WHEN: 3rd Saturday August 15, 2009 at 5:00 PM
WHERE: Shady Lane Park in Pleasant View Utah
DETAILS & MAP: Club web site <http://OgdenARC.org>

STEAKS: \$5 each (RSVP - steak count)

- Hamburgers and hotdogs will be provided for those not wanting a steak.

BRING:

- "Dish-to-Share" (such as a side-dish, salad or dessert - no chips)
- "Dinner-Ware" (paper/plastic will be available for those that forget)

Membership Drive:

- \$15 (1st ham)
- \$8 (additional family members)

Officers Election:

- Vote for next years club officers
- Nominate yourself or someone else
 - You must be a member to nominate or run for office
 - (sign-up prior to meeting).

Equipment Auction:

- Feactured Item - NC300 vintage receiver

Door Prizes

- 2 door prizes
 - Must be a member to win
 - (sign-up prior to meeting).

Hope to see you there,
73

CLUB BUSINESS

Justin Doxford KE7ROQ our club vice president submitted the following items of interest to share with the club. Thanks Justin. We can always use information like this in our newsletter.

(1) There was some talk about this at the last board meeting about extra ordinary average hams and I came across this article that I thought you might want to post.

<http://danandsherree.com/upload/wb6acu.pdf>

(2) This is a list of celebs and popular people who are hams.

http://members.lsa.net/gjurrens/famous_hams.html

(3) I found this cool grab and go kit gadget and thought we could put a link to it on the club website.

www.mygriplight.com

Best Regards,
Justin D. Doxford

Club Badges

(repeat)

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.

CALENDAR of EVENTS

- Oarc "T"-Hunt
 - 3rd Saturday 18 July 2009 : 11:00 AM
 - Meet at Riverdale Fire Station (following club meeting)
- Oarc Steak Fry/Officers Elections/Membership Renewal-Enrollment
 - 3rd Saturday 15 August 2009 : 5:00 PM
 - Shady Lane Park - 600 W 3000 N Pleasant View UT
- Southern Idaho ARC's Joint Swapmeet
 - Saturday 22 August 2009 : 10:00 AM
 - Burley/Rupert area, Burley National Guard Armory - south parking lot
 - Twin Falls, Pocatello, Burley/Rupert area clubs combined activity
 - No fees - admission is FREE for buyers and sellers
 - Call-in Mt Harrison repeater 147.000 Mhz (PL=100 Hz)
 - www.pocatelloarc.org
- DCarc/Oarc/Uarc Joint Annual Swapmeet (new location)
 - 3rd Saturday 19 September 2009 : 08:00 AM
 - Bountiful City Park - 100 W 400 N Bountiful UT
- Barc Swap/Oberfest
 - Saturday 10 October 2009 : 8:00 AM - 3:00 PM
 - Cache County Fairgrounds Pavilion - 450 S 500 W Logan UT
 - Free admission, Swap Tables \$10 at door, \$8 online Paypal
 - Raffle tickets \$5 each at door
 - www.barconline.org

FROM THE PRESIDENTS SHACK

Kent Gardner WA7AHY

I picked up a great recipe at a scout roundtable session for leaders several months ago where they demonstrated Dutch oven cooking. The recipe goes as follows:

Orange Chicken

This recipe is easy and delicious whether cooked in an oven or a Dutch oven.

Ingredients:

- 2 lbs. Chicken, may use large pieces or diced.
- ¼ C Orange juice concentrate. May dilute to taste.
- 2 T Honey.
- 1 T Prepared mustard.
- 2 tsp Cornstarch.
- 1 T Cold water.
- 1 can Mandarin oranges...11 oz.

Directions:

- Combine orange juice, honey and mustard.
- Simmer until blended.
- Arrange chicken in Dutch oven.
- Cook with 12 coals on bottom and 16 coals on top for a 12 inch Dutch oven.
- Bake 375 degrees) for 30 minutes.
- Turn or stir chicken and cook 20 minutes longer.
- Total cooking time is 55 minutes.

- Combine cornstarch and water.
- Mix well.
- Remove large chicken pieces from Dutch oven or if diced leave in pan.
- Stir in cornstarch mixture and cook until thick.
- Add drained Mandarin oranges.
- Heat 1 minute.
- Return large chicken pieces to thickened mixture and
- Serve over a bed of rice.

Now I have a recipe for keeping our radio club going in a tasteful manner.

Ingredients:

- Keep our existing blend of talent, enthusiasm, and a calm demeanor.
- We need to add a shot of flavoring to keep members coming out to meetings and activities.
- Keep the yeast of being proactive rather than being reactive.
- Keep the sweetness of exciting radio contacts.
- Add activity on the repeaters to promote preparedness.
- Continue to add the fruits of brother and sisterhood so we can be comfortable around each other.

Let us continue to enjoy our hobby by continuing to keep the good ingredients and supporting the common good of ham radio.

If any of you have any ingredient suggestions, please let any of the club officers know. Thanks for all your support in the past year.

TNX, Kent Gardner, WA7AHY

OARC Yahoo Group

(repeat)



Are you missing out? Join the OARC Yahoo Group and receive/send club related emails/messages, posting and club information.

Just click on the Yahoo Group Icon at the top of the OARC website home page and join up.

NEWS ARTICLES



MFJ Acquires Cushcraft (Aug 7, 2009) –

On August 7, [MFJ Enterprises](#) announced they had purchased the Cushcraft Amateur Radio antennas product line from Missouri-based [Laird Technologies](#) effective July 31. According to MFJ, Cushcraft -- makers of HF/VHF/UHF vertical, beam and Yagi antennas for the Amateur Radio community -- will continue to be manufactured in Manchester, New Hampshire. "We are excited to have the Cushcraft Amateur Radio Antennas product line alongside our other five companies," said Martin F. Jue, President and founder of MFJ Enterprises, Inc. "This product line increases our ability to offer our customers a wide range of antenna options at different prices. Customers will be able to choose from Cushcraft Amateur Radio antennas, Hy-gain and MFJ antennas through one source." MFJ purchased Hy-gain in 2000 the company also owns Ameritron, Mirage and Vecronics. Jue said that the Cushcraft line will bring more than 50 new products to MFJ's Amateur Radio product line. "We will add more new products to this antenna line and will continue the Cushcraft Amateur Radio antennas name long into the future. Cushcraft Amateur Radio antenna product customers will appreciate the continued and expected top-quality manufacturing of this product in New Hampshire and the MFJ commitment to superb after-the-sale service and tech support in Mississippi," said Jue. The 120 page 2010 MFJ catalog will include the entire Cushcraft Amateur Radio antennas product line. MFJ has set up a special customer support line -- 662-323-5803 -- to handle Cushcraft antenna product technical support, parts requests and customer services.



FCC Issues Citation for Selling & Importing Unauthorized RF Devices

On July 28, the FCC issued a [Citation](#) to [The Spy Store](#) for marketing unauthorized radio frequency devices. According to the Commission, these devices were in violation of the *Communications Act of 1934, As Amended* and the Commission's Rules, as well as United States Customs and Border Patrol regulations.

On February 13, the Spectrum Enforcement Division of the Commission's Enforcement Bureau sent Spy Store a *Letter of Inquiry*, initiating an investigation. The FCC wanted to know if the Washington State company was marketing an unauthorized radio frequency device, specifically, the GPS-JM2 GPS Jammer. According to the *Citation*, the FCC observed that the device was marketed on the retailer's Web site on September 4, 2008. The device jams signals emitted by a GPS transmitter, disabling a receiver from finding the location.

Spy Store responded to the *Letter of Inquiry* on March 2, telling the FCC that they began selling the GPS-JM2 GPS Jammer on or about July 31, 2007; they have sold 69 units. In its reply, the company told the FCC that they began importing the devices beginning in 2007, with subsequent deliveries continuing into 2008, for a total of 90 units delivered. Spy Store told the FCC that "the importation of GPS-JM2 was discontinued once [they] became aware that the units were unlawful in the USA."

Even though Spy Store imported GPS-JM2 GPS Jammers on five different occasions, they did not file any FCC Form 740s for the imported units; before radio frequency devices may be imported to the United States, an FCC Form 740 (or the electronic equivalent) must be filed with the United States Customs and Border Patrol. The company admitted to the Commission that the device was not certified in accordance with FCC Rules, but stated that the Chinese supplier advised them that "it was lawful to offer this unit for sale and as such, took no further efforts to determine if the device complied with the Rules."

The FCC noted that Spy Store explained that they "would not have offered, marketed or sold the GPS-JM2 GPS Jammer had [they] known it was an unlawful device." Spy Store also told the Commission that they no longer offer or market any other jamming devices and have ceased all marketing and sales of the GPS-JM2 GPS Jammer and have disposed all of the remaining units.

The FCC said "it appears that Spy Store violated Section 302(b) of the Act and Sections 2.803 and 15.205(a) of the Rules by marketing in the United States a radio frequency device not eligible for certification. It also appears that Spy Store violated Section 2.1203 of the Rules by importing the GPS-JM2 GPS Jammer without making the required import declaration."

Spy Store was warned that "if, after receipt of this citation, you violate the *Communications Act* or the Commission's Rules in any manner described herein, the Commission may impose monetary forfeitures not to exceed \$16,000 for each such violation or each day of a continuing violation. The company was given 30 days to respond to the *Citation* either through a personal interview at the Commission's Field Office nearest to their place of business or a written statement. Spy Store was advised that any response should specify the actions that they are taking to ensure that they do not violate the Commission's Rules governing the marketing of radio frequency jamming devices in the future.

SPECIAL ARTICLE

By Dan Romanchik, KB6NU

Stuart's First QSO

One of the great things about Field Day are the stories. Every year, I add a story or two to my repertoire. This year is no exception.

My best story from Field Day 2009 starts about 1:30 pm on Saturday. I was at my post at the public information table/GOTA station. We had been ready to rock and roll for at least a half hour, so a group of us were just sitting around chewing the fat when 13-year-old Stuart and his mother walked up to the table.

Her son was a little on the shy side, so his mother explained that Stuart had seen a listing of our Field Day site on the Internet and had asked her to bring him out to see us. She mentioned that Stuart had been listening to ham radio operators on his little Yaesu handheld scanner for several years and was very excited to actually meet some ham radio operators and see ham radio in action.

Not only that, she said that he had taught himself Morse Code. A kid after my own heart! I quickly volunteered to give them a tour of our Field Day site. First, I showed him our VHF/UHF station, and he seemed really impressed with the five single-band radios.

Next, I took him into the 40m phone station. I asked how fast he could copy Morse Code, and he said 30 words per minute. I cranked the receiver down into the CW portion of the band, and sure enough, he could copy anything that I tuned in.

At this point, it was still only 1:45 pm, so I told him, "Let's go over to one of the CW stations, and we'll see if we can make a contact." We marched over to the CW #2 station, and after getting clearance from the station captain, I tuned around for a clear frequency, then called CQ. Immediately, N5VV, replied.

At this point, Stuart was so excited, he was shaking a little bit. Since the contest was just about ready to start, I kept the contact short, but that didn't matter. Stuart had finally gotten to see ham radio in action.

Stuart's mother then inquired about taking the test. I explained that our Volunteer Examiners give the test every second Saturday of the month and gave her the URL of our website. She said that Stuart had been studying and was ready to take the test.

Unfortunately, they had to leave at that point. I told Stuart's mother that we'd be there through 2pm Sunday and to come back any time. She said that they'd definitely be back the next day.

Stuart Makes His First Contact

Stuart and his mother returned about 1:30 pm on Sunday. He wanted to see the VHF/UHF station again, so that was our first stop. He took a couple of photos of the setup, and then I suggested we go over to the GOTA station. When we first got there, someone was at the mike, but shortly afterwards, they got up, and Stuart and I took the controls.

When we first sat down, I made a few contacts using my call to show him how to use the paddle. I noted that holding the levers down produces a series of dits or dahs, and that by tapping the other lever while holding down the first, you can produce a dit between dahs or a dah between dits.

Then, I asked him if he'd like to try it. He said yes, so just to see how it would go, I tuned up to above 7100 kHz. There was no activity up there, so I set the keyer speed to 15 wpm and told him to send my callsign a few times. He reached over with his left hand and sent it perfectly. Now, remember, this is someone who'd never touched a paddle of any kind before. Not only that, he even sent the K (dah-di-dah) iambically! That is to say that he held the dah paddle while tapping the dit paddle to slip in a dit between the two dahs.

Then, I asked if he'd like to make some contacts. He said yes, so I said, "Let's switch seats." We switched seats, and I said, "OK, tune around a little and find a strong station calling CQ." We found K2ZR, and I coached him a little on how to reply. "Now, remember," I said, "we're going to use the W8PGW callsign." When I gave him the nod to send, he reached over with his RIGHT hand and sent W8PGW perfectly! When K2ZR replied with our call and the exchange, I coached him to reply with "4A MI." Not only did he do that, but he slipped in a "R" to denote that we'd copied the exchange. When K2ZR replied with a "TU," I showed him how to log the contact.

That's all the coaching I needed to do. After the first contact, I said, "OK. Now, tune around for another station calling CQ, and we'll make another contact." He was off to the races. As soon as he made a contact, he jumped up to type it into the log. His arms weren't long enough to reach the computer from where he was seated.

When we started, the keyer speed was set to 15 wpm. After a couple of contacts, I asked if he might want to send faster. When he said OK, I bumped it up to 18 wpm. After a few QSOs with only a couple of mistakes, he asked if we could go faster, so I set it at 20 wpm. Again, only a couple of mistakes, so we bumped it up to 22 wpm. There, he started making more mistakes, but let me repeat, he never touched any kind of key before in his life. I have no doubt that with a little practice, he could easily do 30 wpm.

Overall, he made 12 contacts in the 21 minutes he operated the station. Not a bad rate for someone who'd never sent a character of Morse Code in his life, don't you think?

Unfortunately, Stuart was not able to take the test at our July VE session as he was at Boy Scout camp. Come the second week of August, though, he'll be a ham. He even has a vanity callsign picked out for himself. Listen for him--in the CW bands, of course.

Dan Romanchik, KB6NU, is the station manager for WA2HOM, the ham radio station at Ann Arbor's Hands-On Museum, and the ARRL MI Section's Training Manager. You can read more about his adventures in ham radio by going to www.kb6nu.com.

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday August 15, 2009

- The Ogden Amateur Radio Club meetings are usually held on the 3rd **Saturday** of each month.
- **Time: 5:00 PM**
- **Location: Shady Lane Park**
- **Topic: Steak Fry**
- **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:

2nd Wednesday October 14, 2009

(rescheduled this month only)

- 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	STONE	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	STONE	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 09:00 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	CSEARG	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

73 es cul de W7SU

www.OgdenArc.org
