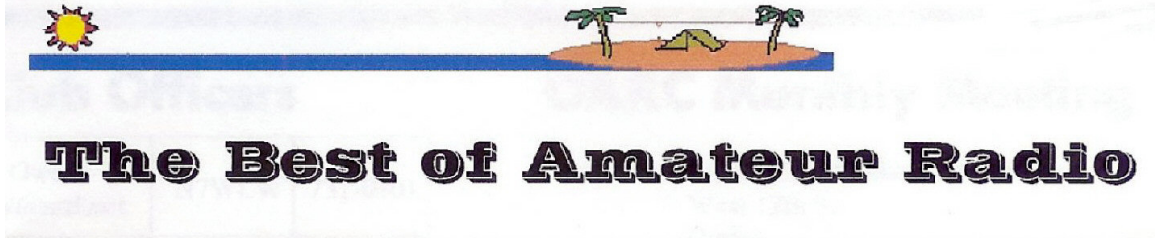




WATTS NEWS



Welcome to the OARC e-Magazine

www.OgdenArc.org

September 2005

Next Club Meeting

3rd Saturday September 17, 2005

Topic: Joint DCARC/OARC Swapmeet



Gary Liptrot N7ZI
President



Mary Hazard W7UE
Vice President



Jim Southwick N7JS
Secretary



Charles Horn KD7SST
Treasurer



Mike Fullmer KZ7O
Director #1



James Clarke KD7SWL
Director #2



Val Campbell K7HCP
Webmaster/e-Magazine Editor

PREVIOUS CLUB MEETING

3rd Saturday August 20, 2005

This month's meeting was the famous OARC steak fry. It was held at our usual spot - Shady Lane Park. As had been tradition, it was also for voting for next year's officers.

We had a lot of people bring various dishes. I haven't seen that many different pasta salads even at a buffet. Greg Moore KD7BPQ brought along "GrillZilla" so the cooking part was first class. The steaks turned out fantastic. I was definitely full after one of them. Thanks to everyone who brought an extra something.

Greg Moore KD7BPQ and Tim Samuelson KE7DOA were given gift certificates to Sportsman Warehouse for their invaluable help at this year's field day. Next year's field day has a lot to live up to.

For entertainment, we had a small HF station set up, as well as a ton of giveaways and an auction. Mike Fullmer played the auctioneer. He landed in that role last year and now it is expected of him. Let that serve as a lesson if you even volunteer to do something and you are GOOD at it. Beware! It won't be your last.

There was also a small swap meet. Thanks to everyone who donated items for either the giveaway and/or auction as well as participating in it all. All in all, I think we had a good time.

The steak fry ended up with a vote tally of your new officers. Since no one else was nominated, I trust that you are happy or will be happy with your new officers (who many are current in upcoming new positions). Being one of your officers and also a new upcoming one - I hope you have been pleased with our work over the last year and I know we hope to continue that direction.

73 Jim N7JS

Next Club Meeting

When: 3rd Saturday September 17, 2005
Time: 08:00 AM
Location: Centerville Founder's Park
Activity: Joint DCARC/OARC Swapmeet
Talk-in: -146.82 (pl=123)



Steak Fry & Meeting

NEW CLUB OFFICERS (October 2005 - September 2006)

Congratulations to the following new club officers and thank you for volunteering to lead our club to new highs this coming year.

President (1 year) - Mike Fullmer KZ7O

Vice President (1 year) - Kent Gardner WA7AHY

Secretary (1 year) - Chad Roylance KD7WQS

Treasurer (1 year) - Jim Southwick N7JS

Director #1 (2 years) - Charles Horn KD7SST

Director #2 (2 years) - James Clarke KD7SWL (1 year remaining)

Attendance & Door Prizes

There were 55 adults (plus kids) attending our Steak Fry club meeting last month. Thirty seven (37) were members and 30 of those voted during our election process.

The following 20 attendees won a door prize at the Steak Fry club meeting.

KB7FMS
KD7SWL
WA7AHY
K07U
KE7EOZ
KD7WQS
N7GSZ
KD7TYK

N7OLZ
N7VVW
KD7PAW
KD7BPQ
KC7MLI
KA7ZLU
N7HCP

Pauline
Kurt
Alan
Janae
Andy

From The OM's Shack

Gary Liptrot N7ZI



Hi folks;

It's September already, I can't believe it. July and August were just a blur on my calendar. The summer is winding down, slowly I hope, and all my Ham radio "To do lists" are incomplete and uncertain at best. I have to make some time to do them before the snow flies. My board members all have bets against me finishing any of them. They know me all too well, but I may yet surprise them. Oh ye of little faith.

I thoroughly enjoyed the Steak Fry last month. A BIG thanks goes out to Gregg Moore (KD7BPQ) and his family for setting up Grill-Zilla. That fire breathing dragon worked great as usual and is a site to behold. My Sister-in-Law Marilyn wanted to tow that thing back to St. Louis with her. Her husband Jim does a lot of cooking for various activities and would love something like that. Who wouldn't! Like Tim Allen says in his comedy routine, "Men will cook when there's danger involved." So will a lot of women I know. The key is fire, heat and lotsa welded steel (animal grunts in the background)! Many thanks go to all who helped set up, cook, cleanup and make this event special. I would like to thank my Sister-in-Law Marilyn, her daughter Stephanie and my wife Marilyn for helping me cook and they also cleaned up Grill-Zilla so Gregg would have an easier time when he got the beast home. Jim (KD7SWL) did a great job getting some wonderfully tender steaks and for planning this event. Thanks to everyone for participating in the potluck. We had plentiful door prizes, auction items and even a mini-swap meet. We gave out some Sportsman Warehouse Gift

Certificates to Tim (KE7DOA) and Gregg (KD7BPQ) for their "above and beyond the call" efforts at Field Day. Tim promised me that next year's Field Day will be even better than this year's. I don't know what he has up his sleeve but I can't wait to see. The best part of the annual Steak Fry is just talking with all of you hams and your families. We certainly have great members and supportive families. I hope everyone had as much fun as I did.

Speaking of CW (Continuous Wave or Morse code for those who haven't heard the term before) I was talking to Val Campbell K7HCP the other day after our board meeting. He used to be able to copy about 30-35 words per minute and desires to get his CW speed back up to that level again. He took my advice (someone taking my advice may be a first) and purchased a copy of NuMorse Pro. He then recorded some QSO's at 20, 25 and 30 wpm. He then turned them into *.WAV files and burned each set on to a CD. He also converted them into *.MP3 files and downloaded them into an MP3 player. Now when he's driving around or relaxing at home he can practice his high speed CW copying skills quite effortlessly.

When he gets good at copying in his head then he can add the skill of typing the QSO. This trick will help him coordinate his listening and typing motor skills for high speed logging next year at Field Day. You guys learning 5wpm stick to it even though it looks like the licensing requirement for any code will soon be defunct. CW is and will always be a challenging yet rewarding mode of operation. It is also an essential skill for good DX'ing and we can always use CW operators at Field Day.

Speaking of new clubs, (OK, I'm bad at segways) I was talking to Mel Parkes (AC7CP) the other day and he told me about a new club that was formed here in the Wasatch Front called the "Utah DX Association". This is a club was just established 04 Aug 2005. The first meeting is soon if you are interested. See their newsletter or the webpage for details. This club's focus is on HF DX'ing and contesting, cool huh? N7WU will be their callsign. You can read about them at the URL: www.udxa.org.

Lastly today I want to talk about the September meeting. September has been traditionally plagued with problems and conflicts. The Wasatch 100 race is held on the second Saturday of this month. So what you say? Well this event is heavily attended by DCARC, so much so that they always move their September meeting to the third Saturday of the month. Well their September meeting also happens to be their annual Swap meet. Anytime a Utah club offers something this interesting, everyone wants to go to it. Well OARC's meeting is also on the 3rd Saturday. You see the problem. Well after talking to Mel Parkes about some unrelated problem and I happened to mention this conflict he had a great idea. Why doesn't DCARC and OARC hold a join Swap meet every year in September. That way all of our members will be able to go to the Swap meet without sluffing our meeting. After all, Jim (N7JS) just doesn't have enough Heathkits and 10

meter beacons hanging around. Well I called up Domenick DeCaria (AD7BY) the president of DCARC and also Morton Sparks (WI7C) and they were more than happy to accommodate us. The best of both worlds for sure. Long story short (too late), be sure to print the map to the Swap meet in Centerville from the web site for the September meeting. It will be at 08:00 am so get up early and bring stuff to sell or barter and we will have a great time. I am always thankful to the Davis club for giving me advice and assistance whenever I have needed it. They are a bunch of great Hams.

Well, I'm kind of yacky today aren't I. I'll wrap this up and hope to see you down in Centerville this Saturday... B)

73 de n7zi
Gary

"Why buy something for ten bucks when you can make it for a hundred." JR

Biography - Vice President

Kent S. Gardner WA7AHY



I was born and raised in Burley, Idaho. I learned some of the International Morse code in the Boy Scouts when I passed off my First Class Scout requirements. I learned radio and electronics from a 21 circuit "Edu Kit". It had three tubes and one could build receivers, transmitters and audio circuits. I can still remember the glow from the triode tube when I turned out the lights in my bedroom. The glow of the screen grid cast a wonderful pattern on the walls. I ordered a Hallicrafters S-38E from Monkey Wards, but they sent me a National SW-54 instead. I was so thrilled to get a radio that I kept it. I passed off my Novice while a freshman at Utah State University in 1960-61 (KN7PML). I got my ticket during finals of the spring quarter. My first QSO was attempted from my Elmer's room down the dormitory hall. I was so shaky in my code I couldn't get any contacts. My friend took pity on me and took a VFO as a transmitter, a power supply and a key into the adjoining room and responded to one of my CQs. It was really neat, but I waited until I got home to Burley and set up a station in my basement. My first real contact was a YL from California.

I went on a mission to Texas and, in those days, the Novice license expired after a year. Upon

returning home and going off to USU again, I spend several lunch periods each week up in the ROTC MARS shack working with others on my code and theory. I went to Salt Lake and passed off my General including the 13 wpm code. I had code ringing in my ears for a week after. I was active in the USU Radio club.

After college and ROTC I entered the Air Force as an Information Officer at Craig AFB in Selma, Alabama. I then volunteered to go to Incirlik AFB in Turkey as Commander of the Armed Forces Radio and Television Detachment which included five radio stations throughout the country and a cable TV studio at Incirlik. I couldn't operate ham radio there, but did build a nuvistor VHF radio so I could listen to the military aircraft.

After coming home I managed and built the first cable TV system in Logan for 10 years and then moved to California, working in cable TV for awhile, and aerospace as a technical writer. I was active in the Fullerton Radio Club as Vice President and President. The club celebrated its 50th anniversary three years ago. It was a struggle to keep the club moving...with the membership of yesteryear declining by about 50%. It is good to be associated with a club now that seems to be growing. It must be the food!

For a number of years now, I have been interested in the frequencies below 500 KHz including recording lightning caused whistlers. The thrill of learning about all that goes on down in the 5 to 15 KHz region never ceases to amaze me. This "romantic side of radio" keeps me wanting to learn more about anything and everything in radio. I hope to pass some of this on to our club members. Ham radio is fun, exciting and gives me cause to keep on learning. I enjoy tinkering, boat anchors and more recently converting a garden shed into my very own radio shack.

TNX Kent, WA7AHY

[Next month stay tuned for another OARC Officer/Member Biography](#)
[It could be you!!!](#)

CLUB NEWS

New OARC Members

Congratulations to the following new members of our club.

Randy J Thompson - KA7ZLU

Michael Groves - KD6PKJ

Gale J Sjol - WD4CWK

Gray Floyd

Michael Ross Leighton

Debi Samuelson

Reassignment ... new call sign

Emilse Peraza has a new call sign. He braved the adventure of a trip to the Utah Hamfest at Ruby's Inn, Bryce Canyon Utah, where he attended the VE test session and got his DX call sign reassigned to a US call sign. Thank you Emilse for doing that because we had a very difficult time trying to remember your old call sign Hi Hi.

Emilse joined our club several months ago and currently lives in the South Ogden area.

Previous Call Sign = YY4AEM/W7

Reassigned (new) Call Sign = KE7EOZ

New Licensee - Jeff Fullmer

Congratulations to **Jeff Fullmer** who recently took the Technician class license exam in the SLC area and passed with flying colors. Jeff is the son of our club president Mike Fullmer. Jeff joins his father Mike **KZ7O** and his mother Joan **N7OLZ** in a growing family of Hams.

Jeff's new call sign is **KE7EUE**.

AR HOBBY NEWS

FCC Morse code decision would *not* affect CW subbands or privileges

Any FCC decision to eliminate the 5 WPM Morse code requirement for HF access would have *no* impact on either the current HF CW subbands or on the CW privileges of Amateur Radio licensees. The FCC is currently accepting comments on its *Notice of Proposed Rule Making and Order* ([NPRM&O](#)) in WT Docket 05-235, released July 19, which proposes to do away with the 5 WPM Morse code requirement for all license classes. "There seems to be a lot of confusion on these points, judging by the questions I've been getting," said John Hennessee, N1KB, of the ARRL Regulatory Information Branch. He emphasizes that the proceeding does *not* put forward or recommend any changes in CW allocations or privileges. He further notes that the FCC also has not proposed to extend HF privileges to current Technician licensees who have not passed a Morse code examination. The Commission's *NPRM&O* suggests that in a no-Morse-requirement regime, such Technician licensees would be able to gain HF access by taking the Element 3 General class written examination. To file on-line comments on the FCC *NPRM&O* in WT Docket 05-235 or to view others' comments in the proceeding, visit the FCC Electronic Comment Filing System ([ECFS](#)). An *FCC Report and Order* in this proceeding is not likely until early 2006.

ARRL.ORG - Aug 18, 2005

FCC Affirms \$4000 Fine for Missouri Amateur

The FCC has affirmed a \$4000 fine for Paul D. Westcott, KCOOAB, of Purdy, Missouri, for "willful and repeated failure to respond to Commission requests for information about his station." The Commission released a *Forfeiture Order* in the case on February 16. The FCC proposed the forfeiture November 30 in a *Notice of Apparent Liability for Forfeiture* ([NAL](#)).

The FCC reports it has received "numerous complaints" alleging that KCOOAB for several months now has been transmitting CW "24 hours a day, 7 days a week" on 7.030 MHz. While complainants assert the transmissions constitute broadcasting, the FCC contends they interfere with other amateur communications "due to an apparent lack of station control."

ARRL - February 2005

FCC Fines Truck Stop Chain \$125,000

The FCC has proposed levying a \$125,000 fine against Pilot Travel Centers for selling 10-meter ham rigs that can easily be converted to operate on the Citizens Band, and for continuing to sell the radios after being warned that they were illegal. According to the FCC, its rules require that all CB transceivers, as well as amateur transceivers capable of being easily converted for CB use, must receive Commission equipment authorization before being legally sold in the US.

Under these rules, the various Galaxy transceivers sold at Pilot truck stops are considered by the FCC to be CB rigs that require authorization. Pilot disputed that conclusion and continued selling the radios, according to the FCC, which says the response shows "a pattern of intentional non-compliance with and apparent disregard for" its rules and justifies a \$125,000 fine.

CQ - February 2005

UPCOMING EVENTS

Next Weber Co VE Test Session

October 5, 2005

- 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.

FEATURE ARTICLE

1,000 Marbles

The older I get, the more I enjoy Saturday mornings. Perhaps it's the quiet solitude that comes with being the first to rise, or maybe it's the unbounded joy of not having to be at work. Either way, the first few hours of a Saturday morning are most enjoyable.

A few weeks ago, I was shuffling toward the kitchen with a steaming cup of coffee in one hand and the morning paper in the other. What began as a typical Saturday morning turned into one of those lessons that life seems to hand you from time to time. Let me tell you about it.

I turned the volume up on my radio in order to listen to a Saturday morning talk show. I heard an older sounding chap with a golden voice. You know the kind, he sounded like he should be in the broadcasting business himself. He was talking about "a thousand marbles" to someone named "Tom". I was intrigued and sat down to listen to what he had to say.

"Well, Tom, it sure sounds like you're busy with your job. I'm sure they pay you well but it's a shame you have to be away from home and your family so much. Hard to believe a young fellow should have to work sixty or seventy hours a week to make ends meet. Too bad you missed your daughter's dance recital."

He continued, "Let me tell you something Tom, something that has helped me keep a good perspective on my own priorities." And that's when he began to explain his theory of a "thousand marbles." "You see, I sat down one day and did a little arithmetic. The average person lives about seventy-five years. I know, some live more and some live less, but on average, folks live about seventy-five years." "Now then, I multiplied 75 times 52 and I came up with 3900 which is the number of Saturdays that the average person has in their entire lifetime. Now stick with me Tom, I'm getting to the important part. It took me until I was fifty five years old to think about all this in any detail, and by that time I had lived through over twenty-eight hundred Saturdays. I got to thinking that if I lived to be seventy-five, I only had about a thousand of them left to enjoy."

"So I went to a toy store and bought every single marble they had. I ended up having to visit three toy stores to round-up 1000 marbles. I took them home and put them inside of a large, clear plastic container right there in my workshop next to the radio. Every Saturday since then, I have taken one marble out and thrown it away. I found that by watching the marbles diminish, I focused more on the really important things in life. There is nothing like watching your time here on this earth run out to help get your priorities straight."

"Now let me tell you one last thing before I sign-off with you and take my lovely wife out for breakfast. This morning, I took the very last marble out of the container. I figure if I make it until next Saturday then I have been given a little extra time. And the one thing we can all use is a little more time."

"It was nice to talk to you Tom, I hope you spend more time with your loved ones, and I hope to meet you again someday. Have a good morning!"

You could have heard a pin drop when he finished. Even the show's moderator didn't have anything to say for a few moments. I guess he gave us all a lot to think about. I had planned to do some work that morning, then go to the gym. Instead, I went upstairs and woke my wife up with a kiss. "C'mon honey, I'm taking you and the kids to breakfast." "What brought this on?" she asked with a smile. "Oh, nothing special, it's just been a long time since we spent a Saturday together with the kids.

Hey, can we stop at a toy store while we're out?" I added. "I need to buy some marbles."

Author unknown - obtained from - <http://www.ntu.edu.sg/home/hblim/passages/1000marbles.htm>

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday September 17, 2005

- The Ogden Amateur Radio Club meetings are held on the **3rd Saturday** of each month.
- **Time: 09:00 AM**
- **Location: Check OARC web site**
- **Topic: Check OARC web site**
- **Activity: Check OARC web site**
- **Talk-in: -146.82 (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:

October 5, 2005

- 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
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OGDEN, UT 84401**

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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 | TONE | LOCATION |
| 146.820- | OARC | 123.0 | Mt Ogden "Talk-in" |
| 448.600- | OARC | 123.0 | Mt Ogden |
| 146.900- | OARC | 123.0 | Little Mtn (patch – soon) |
| 448.575- | OARC | 100.0 | Little Mtn (auto patch) |

| OTHER AREA REPEATERS | | | |
|----------------------|-------|-------|---------------|
| FREQ | CLUB | TONE | LOCATION |
| 146.620- | UARC | none | Farnsworth Pk |
| 449.100- | UARC | 146.2 | 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 |

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 |
| WsuArc | arcweber.edu | 3 rd Thursday 5:30 pm | WSU Bldg #4 Room ? Ogden Utah |
| Barc | barconline.org | 2 nd Saturday 10:00 am | Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut |
| Ubet | 27meg.co/~k7ub/ | 4 th Thursday 6:30 pm | BE-Thiokol: 24 East 100 South Brigham City Utah |
| Dcarc | dcarc.net | 2 nd Saturday 10:00 am | Davis Co. Sheriff Complex Farmington Utah |
| CSERG | dcarc.net/ares.htm/ | Last Wednesday 8:30pm | Clearfield City Hall Clearfield Utah |
| Uarc | xmission.com/~uarc/ | 1 st Thursday 7:30 pm | UofU EMC Bldg Room 101 Salt Lake City Utah |
| UvhfS | ussc.com/~uvhfs/ | Each Tuesday 8:00 pm (refer to web site) | Weekly 2 meter net (no eye ball meetings) |

LOCAL AREA NETS

| DATE | CLUB | FREQ |
|--------------------------|---------------------|---|
| Daily @ 12:30 PM mst | Utah Beehive net HF | 7.272 Mhz HF LSB |
| Daily @ 07:30 PM mst | Utah Code net HF | 3.708 Mhz HF CW |
| Daily @ 08:00 PM mst | Utah Farm net HF | 3.937 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 | 147.060 = simplex |
| Sunday @ 9:00 PM | UARC Info net | 146.620- no PL tone required |
| | | |
| Tuesday @ 6:30 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 net HF | 28.313 Mhz HF USB |
| | | |
| Thursday @ 7:00 PM | Davis ARES | 147.420 = simplex |
| Thursday @ 8:00 PM | Weber State ARC | 146.820 - 123.0 (coming soon) |
| Thursday @ 8:00PM | RACES State VHF | 145.490 - 123.0, 146.680 - 123.0 3 rd Thursday - even months only |
| | | |
| Saturday @ 8:00AM mst | RACES State HF | 3.918 Mhz HF LSB 3 rd Saturday – odd months only |
| Saturday @ 11:00AM mst | QCWA net HF | 7.272 Mhz HF LSB |

OARC OFFICERS

President: [Gary Liptrot N7ZI](#)
Vice Pres: [Mary Hazard W7UE](#)
Secretary: [Jim Southwick N7JS](#)
Treasurer: [Charles Horn KD7SST](#)

Director #1: [Mike Fullmer KZ7O](#)
Director #2: [Jim Clarke KD7SWL](#)

"WATTS NEWS" e-Magazine

Editor: [Val Campbell K7HCP](#)
Photographer: [Maggi Campbell N7HCP](#)

OTHER CLUB FUNCTIONS

VE Liason: [Mary Hazard W7UE](#)
Repeater Engr: [Mike Fullmer KZ7O](#)
Webmaster: [Val Campbell K7HCP](#)

73 es cul de W7SU

www.OgdenArc.org