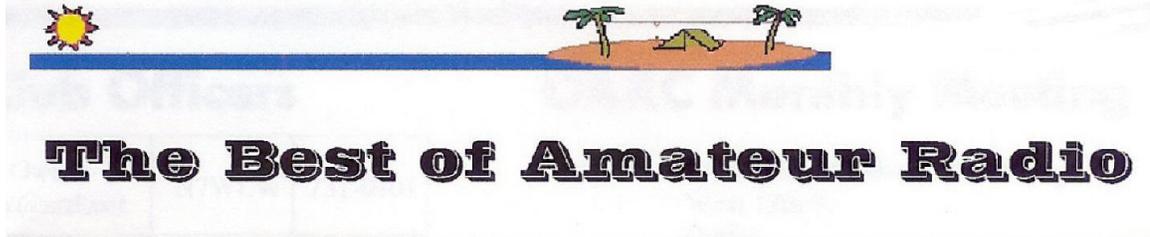




# WATTS NEWS



*Welcome to the OARC e-Magazine*

[www.OgdenArc.org](http://www.OgdenArc.org)

**JUNE 2007**

Next Club Meeting

**3rd Saturday June 16, 2007**

**Topic: Field Day Planning/Prep**



**Mike Fullmer KZ7O**  
President



**James Clarke KD7SWL**  
Vice President



**Joan Fullmer N7OLZ**  
Secretary



**Jim Southwick N7JS**  
Treasurer



**Stan Sjol WOKP**  
Director #1



**Kent Gardner WA7AHY**  
Director #2



**Gary Liptrot NTZI**  
Past Pres - Advisor



**Val Campbell K7HCP**  
Webmaster/Editor

# PREVIOUS CLUB MEETING

3rd Saturday May 19, 2007

## Scout Jamborall 2007

### Scout Jamborall Report

Thanks to the several to assisted in manning the ham radio demonstration booth at the Weber County fairgrounds, Saturday, May 19<sup>th</sup> for the Scout Jamborall. Those that came and sat, talked, setup equipment, etc were: Mike Fullmer KZ7O, Stan Sjol W0KP, Jeff Anderson KD7PAW, Mike Groves (KD6PKJ), Tom Harrington AF7J and Beth Harrington KE7ELF, and William. Kent Gardner WA7AHY also dropped off some CW clickers and oscillators. A lot of the scouts enjoyed playing with the morse code. It was a very busy morning. Lots of scouts and their leaders came by to visit. We had several leaders that had been involved in radio years ago that wanted to get back into it. We were able to talk with them about the club, its activities, meetings, etc. I consider it a successful demonstration. We had several club members that were there with scouts that stopped to say hi a few times. James, Kent, and Bob were involved with the Scout side of the event, but came by the tables for a while.

We had several items to demonstrate. We had an IRLP demonstration, an HF station connected to a laptop controlling the radio, a software defined radio, and misc handhelds and paper handouts.

We were situated in the best spot of the area, right under a group of trees. We had shade all day, it was nice.

The HF bands were dead, really dead. I made one HF contact around 1 in the afternoon. I heard 2 California stations on 20 meters, a couple on 40 meters, and that is it. I was able to check into the RACES net on 80 meters first thing in the morning shortly after 8am. We used a G5RV antenna up about 20 feet for the HF antenna. Thanks to Tom and Beth who helped set up the G5RV Friday evening. We had several VHF/UHF antennas set up. We did make several IRLP contacts.

We talked about the Hams providing support for the Ogden Marathon the same morning and several people listened into them on the radios.

We packed up and were gone by 3pm.

Mike Fullmer KZ7O

---

## Next Club Meeting

**When:** 3rd Saturday June 16, 2007

**Time:** 9:00 AM

**Location:** Riverdale Fire Station

**Topic/Activity:** Field Day Planning/Prep

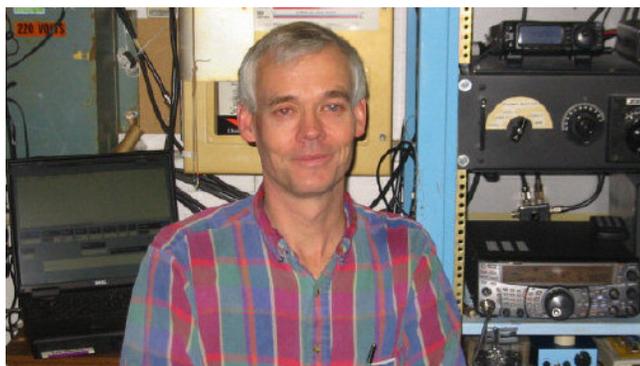
**Talk-in:** -146.90 (pl=123)

**CLUB MEETING PICTURES GO HERE**  
(More pictures on OARC web site "Photo Gallery")



# A MESSAGE FROM OUR PRESIDENT

Mike Fullmer KZ7O



June is here! We are half way through the year now. It is vacation time for a lot of people. Do not forget your radio!

Meeting is at the normal place at 9pm on June 16. We are making final plans for field day.

Field day is June 23 & 24 up by Pineview, same place as the past 2 years. There will a dinner Saturday evening for everyone. See the website for all the details.

I have been practicing my emergency HF communication that past few weeks. I check into a MARA 80 meter net every Saturday morning. For the past 3 Saturdays I have checked in portable from 3 different locations. 3 weeks we set up a station at the Scout Jamborall at the Weber County Fairgrounds (see separate article elsewhere) and checked into the net. 2 weeks ago I was up Logan Canyon and put out a long length of wire through the trees for my antenna and checked in. 1 week ago I was up Provo Canyon at a camp and put up the wire again and again checked in. All it takes is a 100ft piece of wire and an antenna tuner. It worked in all cases.

While I was up Provo Canyon I checked with the XYL, N7OLZ, each evening on the snowbird repeater. There was no cell phone coverage. If we drove down the canyon 5 miles we could get coverage, but none from the camp. So Joan and I talked every evening on 147.18. It worked great. One evening I talked with a ham up in Idaho, camping in the Sawtooth mountains. One evening Joan talked to someone in Rexburg. So the Snowbird link system is fully operational, at least on the north end.

It is now time to mention that August is Election month. We have most of the officers retiring. Last year, most of the officers just rotated in positions because no one wanted to run for an office. We are all retiring this year. Kent Gardner is one of the directors and is in a 2 year position, but the rest will be passing the reigns on. So we need volunteers to step up. It is not hard, just keep things going as they have been. You cannot keep just keep expecting someone else to run the club functions. I will list the duties next month. There is Pres, Vice Pres, 1st Director, Secretary, Treasurer. It really is not bad, kinda fun. August is the Barbeque at Shady Lane Park, in Pleasant View. We do the voting there.

So much rambling for this month. See you.

73, Mike KZ7O

## CLUB NEWS

**KB7SHI**  ... Silent Key (sk)

PAUL H. LINSLEY  
NORTH OGDEN UT 84414

In early March you may have seen the notice posted on the OARC web site about KB7SHI passing on to Silent Key (sk) status. Paul's passing was a tragic event for all that knew him. What you may not know is that he lost his life to electrocution while working to improve/upgrade his amateur radio operator station at his home in North Ogden.

Everyone should take notice not to work on antenna systems or electrical systems while alone. Paul was doing just that when he came into contact with a deadly electrical source and there was no one around to help him. When his family finally missed him after a long period of time had passed they found him dead amongst his hobby equipment that he loved so dearly.

Paul was often heard on the local Northern Utah area repeaters, and sometimes on simplex frequencies as well, during the day as he made his way to, from and in between work sites that he operated as a roofing contractor. He was comfortable on roof tops and high places where he has spent many hours over the years performing his duties on the job. Maybe, just maybe, he became too comfortable in that situation and therefore failed to recognize the hazards of working alone.

Take extra care when you are working on your equipment and antennas. Life is too precious to have a tragic event end it prematurely when the simple task of just asking a fellow ham for help could save you from despair.

73 & 88, Paul, you were a good father, husband and fellow ham that will be truly missed in this community.

---

## MORE CLUB NEWS

### Congratulations

To the following Hams that were either licensed for the first time or upgraded to a higher license class at the June Weber County VE Test Session.

- The latest VE Test Session took place just 3 days ago and it is too soon to obtain the results to post at this time.
  - Look here next month for the results and posting of our new and upgraded fellow hams.
  - Also note that the OARC web site will be updated immediately once the results are available from the FCC.
- 

## COMING EVENTS

### Pony Express Reride 2007 NEW!

Passing through Utah - Saturday June 16 (9:00 PM) to Monday June 18 (2:00 AM)

Contact = David Harris K7PDW (jushamn@readytek.net):(801-775-8405)

*See the OARC web site for details*

### WIMU (Wyoming-Idaho-Montana-Utah) Hamfest 2007

(Jackson Hole Wyoming)

August 3 - 5

*See the OARC web site for details*

# AR HOBBY NEWS

## Riley (FCC Legal Council) Reiterates Recommendation to ...

### "Lighten Up" on Ham Bands (Jun 1, 2007) – FCC

Special Counsel in the Spectrum Enforcement Division Riley Hollingsworth's main message at the Dayton Hamvention® 2007 FCC Forum may not have been a new one. But it's certainly one he believes bears repeating -- at least until it starts cutting through the QRM and QRN that pervade more communication channels than our Amateur Radio bands.

Hollingsworth repeated what for many Riley Watchers has become a familiar refrain: That the Amateur Radio community needs to "lighten up" on the air. Acknowledging that he was repeating himself, Hollingsworth urged his audience to take his message more to heart. "All of you can learn from each other," he said, "and you need to work together more and show a little more respect for your diverse interests and for the Amateur Service as a whole. It isn't about you. It isn't about enforcement. *It's about Amateur Radio.*"

As radio amateurs take to the airwaves, he continued, they need to decide what's most important -- the best interests of ham radio or their ego, pride or perceived "rights."

"I realize I may be preaching to the choir here, but on the air you need to be more cooperative and less argumentative -- and I need you to take this message with you when you go home," he continued.

As a "homework assignment," Hollingsworth encouraged his listeners to read the "It Seems to Us . . ." editorial, "[Most Effective Use](#)," by ARRL Chief Executive Officer David Sumner, K1ZZ, in May 2007 QST. In his commentary, Sumner stressed that interference occurring as a side effect of legitimate Amateur Radio activities in crowded bands "is simply a fact of life" and that it's "unfair to your fellow amateurs to assume that every instance of interference you may encounter is a hostile act."

#### Good News/Bad News

Hollingsworth offered good news and bad news. "The good news: Nothing is wrong with Amateur Radio," he allowed. "It is a good service that is showing its value to the public on a daily basis."

The bad news, he asserted, making a comparison to "road rage," is "that there is an element of Amateur Radio that too often reflects present society generally."

Hollingsworth urged all radio amateurs to cooperate more and depend less on the FCC to solve their operating issues.

---

## FEATURE ARTICLE

### The Ogden Amateur Radio Club, A Catalyst For Growth 1921 - Present 2006

To curious experimenters in the early 1900s, a Ford spark coil was a thing of wonder. The coils of wire hidden in a small wooden box provided ignition sparks for the popular "tin lizzies" of the day and the school science class, white flour dust/coffee can/lid popper experiments. More importantly, they were the foundation of spark gap radio transmitters that revolutionized communications through the ether instead of signals contained in the wires of the ground telegraph.

On 12 July 1982 amateur (ham) radio operators Gordon Howes, KE7QV of Roy, Utah, now a silent key (deceased), and Lee Ernstrom, WA7HQD of Syracuse, Utah, who were amateur historians in their own right, talked with Dr. W. Glen Garner, W7SU, at his home. Dr. Garner related to them how the Ogden Amateur Radio Club was formed. His story gives credence to the club being one of the oldest in Utah and perhaps even in the nation.

Most wire telegraph operators used the original code developed by Samuel F. Morse, the inventor of the telegraph. A competitor was a similar code used by the Germans and Europeans. Even though the American code was about six percent faster, the International Morse Code was better suited for the wireless operators, mostly on board ships at sea. When the Titanic sunk, there was confusion, because both codes were used. After that, the International code became the standard for wireless and this is what the amateur experimenters began using.

Dr. Garner was first licensed in 1914. He says, "My first transmitter consisted of a Ford automobile spark coil, home-made spark gap, an old telegraph key and a six volt storage battery. The receiver was a home-made tuning coil with a silicon variable detector, 1000 ohm Murdock receiver and a home-made 23-plate variable condenser. With this 'sophisticated' home-made equipment, I was able to hear a ship at sea communicating with two other amateurs (unlicensed) in the area."

About this time, Lee De Forest was given credit for inventing and developing his first two-element vacuum tube to replace the silicon and galena detectors then in use. This was followed by the addition of a third element called a grid that greatly increased the tubes detecting ability. The De Forest tubes were cost prohibitive, but in a few months the audio-trons were produced for amateur use (about \$5.00 each).

When Dr. Garner moved to Ogden (366 32<sup>nd</sup> Street) in the early spring of 1918 he was given the call sign of 6OT. He had a number of similar call signs over the years, W7SU being the last one.

Dr. Garner went on, "In 1920, I became well acquainted with Glen Quillian<sup>1</sup> at 2264 Lincoln Avenue. I had coached Glen in preparation for his radio license which he acquired in the summer of 1920. His call letters were 6AEZ. Since I had no permanent place to install my equipment, and Glen had no equipment, we built a cozy shack adjoining his father's garage. I installed my equipment there and operated under the call, 6AEZ." ...There were a few other young men in Ogden, some of whom had equipment or were in the process of acquiring some. One who had recently ordered his equipment was Ralph Flygare who lived next door north of the old Weber Academy. Another was a young man named 'Cook'. I cannot recall his first name. He had a  $\frac{1}{4}$  kw [kilowatt] spark outfit at his father's residence on 24<sup>th</sup> Street between Adams and Jefferson, North side. Another was named 'Crawshaw'. We called

him 'Chickey'. He was a close associate with Cook. There was one other located on Riverdale Road near Roy. I don't recall his name or call letters."

Dr. Garner continued, "In the spring of 1921, I suggested to Quillian that we call the known amateurs in the Ogden area together for the purpose of forming an active radio club, for the purpose of exchanging ideas and discussing progress and recent developments in the field of Amateur Radio Communication. Quillian thought the idea was an excellent one and I personally contacted all the prospective members I knew. The meeting was called for a Saturday afternoon, about the middle of May 1921."

The six men mentioned above were at the first organization meeting. Dr. Garner was elected president, Glen Quillian became the vice-president. No secretary or historian was elected at that time. The club remained active for several years.

Dr. Garner again continued..."I went to work for the Redfield Electric Company in charge of their radio department. While there I designed and built the transmitter, antenna and other equipment for radio station KFUR, Ogden's first broadcast station, which in later years became KLO. At that time I became studio director and chief announcer for radio station KFWA, the Browning brother's station on Hudson Avenue, Ogden.

Amateur radio operators and enthusiasts like Dr. Garner were instrumental in making technology work; especially during the war years. The hobby has consistently trained core groups of technicians and engineers who have been in the forefront of the technology movement.

Presently, the Ogden Amateur Radio Club has a roster of 48 members. Many are also engineers and technicians, but today there is a rising group of non-ordinary people who are available in case of emergencies and disasters. These communicators can use their radios to communicate when all regular telephone and radio systems fail due to the lack of power or system overload.

In the play "The Rain Maker" by N. Richard Nash, the son, Richard Currie, keeps trying to listen to a crystal radio, but all he hears is static. From that magic static and the determination of the curious like Dr. Garner and the thousands of amateur radio operators and experimenters, communications and science has spilled out onto a new and wondrous playground.

In honor of Dr. Garner, now a silent key, his call sign W7SU is fittingly assigned to the Ogden Amateur Radio Club.

<sup>1</sup> or Quillinan

Submitted to the Ogden School Fundraiser Essay Contest (October 2006) by Kent S. Gardner, WA7AHY, Ogden Amateur Radio Club Board Director # 2, past Vice-President and unofficial club Historian.

Mr. Gardner's interest in histories began as an Information Officer in the United States Air Force where his job description included keeping the Base History. He also scrap booked a history of North Utah Community TV in Logan while he built and managed Utah's first modern solid-state cable TV system there from 1970 to 1980. He also likes to add to his personal genealogical history and is now updating the History of the Ogden Amateur Radio Club.

Kent S. Gardner, WA7AHY  
4515 Jefferson Avenue  
South Ogden, UT 84403  
801 475-6282  
L7MFCC@Juno.com

# ANNOUNCEMENTS

## Next Club Meeting:

**3rd Sat June 16, 2007**

- The Ogden Amateur Radio Club meetings are usually held on the 3<sup>rd</sup> Saturday of each month.
- **Time: 9:00 AM**
- **Location: Riverdale Fire Station**

**Topic/Activity: Field Day Planning/Prep**

- **Talk-in: -146.90 (pl 123.0)**

Check OARC web site for details

[www.ogdenarc.org](http://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:

**Oct 03, 2007 (Wednesday)**

- 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](mailto: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](http://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
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	TONE	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
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
147.360+	Summit County	100.0	Lewis Peak

## AREA CLUB MEETINGS & WEB SITES

CLUB	WEB SITE	DATE/TIME	LOCATION
Ogden ARC	<a href="http://ogdenarc.org">ogdenarc.org</a>	3 <sup>rd</sup> Saturday 09:00 am	Check OARC web site ...
WC ARES	<a href="http://ogdenarc.org/join.html#ares">ogdenarc.org/join.html#ares</a>	2 <sup>nd</sup> Thursday 06:30 pm	Weber Co. Library Ogden Utah
WC Sheriff Comm-O		1 <sup>st</sup> Saturday 09:00 am	Weber Co. Sheriff Complex West 12 <sup>th</sup> Street Ogden Utah
Barc	<a href="http://barconline.org">barconline.org</a>	2 <sup>nd</sup> Saturday 10:00 am	Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut
CSERG	<a href="http://dcarc.net/ares.htm/">dcarc.net/ares.htm/</a>	Last Wednesday 8:30pm	Clearfield City Hall Clearfield Utah
Dcarc	<a href="http://dcarc.net">dcarc.net</a>	2 <sup>nd</sup> Saturday 10:00 am	Davis Co. Sheriff Complex Farmington Utah
NU Ares	<a href="http://home.comcast.net/~noutares/">home.comcast.net/~noutares/</a>	3 <sup>rd</sup> Wednesday 7:00 pm	Cache Co. Sheriff Office Logan Utah
Uarc	<a href="http://xmission.com/~uarc/">xmission.com/~uarc/</a>	1 <sup>st</sup> Thursday 7:30 pm	UofU EMC Bldg Room 101 Salt Lake City Utah
Ubet	<a href="http://27meg.com/~k7ub/">27meg.com/~k7ub/</a>	4th Thursday 6:30 pm	BE-Thiokol: 24 East 100 South Brigham City Utah
Utah DX Association	<a href="http://udxa.org">udxa.org</a>	3 <sup>rd</sup> Wednesday check web page for details	check web page for details Salt Lake City area
UvhfS	<a href="http://ussc.com/~uvhfs/">ussc.com/~uvhfs/</a>	Each Tuesday 8:00 pm (refer to web site)	Weekly 2 meter net (no eye ball meetings)
WD Arc	<a href="http://westdesertarc.org/">westdesertarc.org/</a>	1 <sup>st</sup> Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	<a href="http://arcweber.edu">arcweber.edu</a>	3 <sup>rd</sup> 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 <b>HF LSB</b>
Daily @ 07:30 PM mt	Utah Code net HF	3.570 Mhz <b>HF CW</b>
Daily @ 02:00 UTC	Utah Farm net HF	3.937 Mhz <b>HF LSB</b>
Sunday @ 8:45 AM	Ogden Old Timers HF net	7.193 Mhz <b>HF LSB</b>
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 <b>2-meter USB</b>
Tuesday @ 6:30 PM (winter)	Weber ARES	448.600 - 123.0
Tuesday @ 8:00 PM (summer)	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 <b>HF USB</b>
Wednesday @ 9:00 PM	6-meter SSB net	50.125 Mhz <b>6-meter USB</b>
Thursday @ 6:30 PM	Davis Co Elmers Net	147.040 + 123.0 <b>New Hams</b>
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 <sup>rd</sup> Thursday - even months only
Thursday @ 9:00PM	Wasatch Back Net	147.360 + 100.0
Saturday @ 8:00AM mst	RACES State HF	3.920 Mhz <b>HF LSB</b> 3 <sup>rd</sup> Saturday – odd months only
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz <b>HF LSB</b>

---

*OARC OFFICERS*

President: Mike Fullmer KZ7O  
Vice Pres: James Clarke KD7SWL  
Secretary: Joan Fullmer N7OLZ  
Treasurer: Jim Southwick N7JS

Director #1: Stan Sjol W0KP  
Director #2: Kent Gardner WA7AHY

*"WATTS NEWS" e-Magazine*

Editor: Val Campbell K7HCP

*OTHER CLUB FUNCTIONS*

Webmaster: Val Campbell K7HCP  
VE Liaison: Mary Hazard W7UE  
Repeater Engr: Mike Fullmer KZ7O  
Past President - Advisor:  
Gary Liptrot N7ZI

---

**73 es cul de W7SU**

[www.OgdenArc.org](http://www.OgdenArc.org)