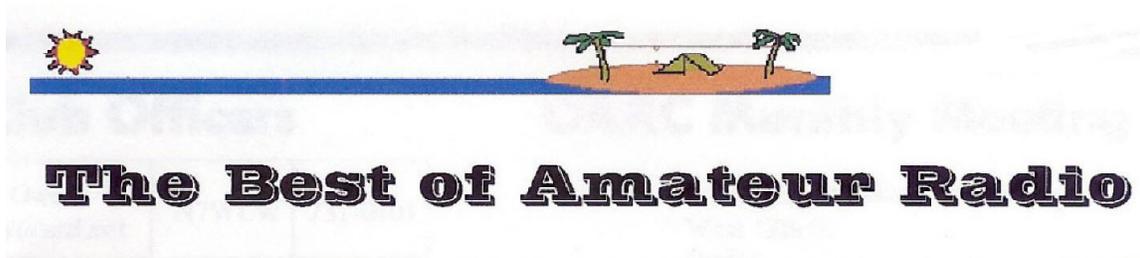




WATTS NEWS



Welcome to the OARC e-Magazine

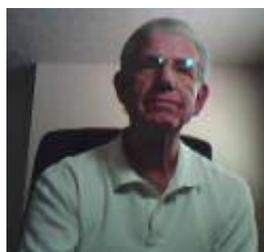
www.OgdenArc.org

SEPTEMBER 2012

Next Club Meeting/Activity

3rd Saturday 15 September 2012

Topic: [DCARC](#) / OARC / UARC - Joint Swap Meet



Larry Griffin AD7GL
President



Gil Leonard NG7IL
Vice President



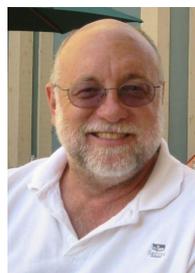
Gary Hudman KB7FMS
Secretary



John Shupe K7DJO
Treasurer



Rich Kennedy KF7VAQ
Program Director



Dave Woodcock WY7P
Activity Director

Val Campbell K7HCP
Webmaster/NL Editor

PREVIOUS CLUB MEETINGS

3rd Saturday 18 August 2012

Steak Fry + Elections

Details for next year for those that missed attending this year ...

Time: 05:00 pm

Location: Shady Lane Park (600 W 3000 N Pleasant View Utah)

Activity: Steak Fry, Officers Elections & Membership Renewal and Auction

Note: Please bring side dish to share. Also, bring your own dinner-ware (emergency paper-ware provided).

- Steak Fry (\$5/steak); Free hamburgers and hot dogs for the kids
- Membership Renewal (\$15); Additional Family Members (\$8)
Note: 1st year membership is free to newly licensed hams
- Bring items to donate for Auction
- Club Officers Ballot Election; ([Nominations](#) welcomed in advance)

Door Prize (raffle/drawing): [Paid-up members only, sign-up/renew membership at meeting]





NEXT CLUB MEETING

Date: 3rd Saturday 15 September 2012

Time: **08:00 am - 11:00 am**

Location: Bountiful City Park (100 West 400 North Bountiful)

Activity: [DCARC](#) / [OARC](#) / [UARC](#) - **Joint Swap Meet**



JOIN OARC

Renew your membership now!

Membership in the Ogden Amateur Radio Club is open to anyone interested in Amateur Radio. You do not need an amateur license to join us. You do not need to join the club to participate with us. Dues are used to operate the club, field day activities, and repeater equipment maintenance.

Joining is easy. Come to a club meeting or [fill out an application form from the club website](#). Instructions for mailing it are on the form.

DUES: Dues are \$15.00 per person and runs September - August.
Additional family members are \$8.00 each.

NOTE: New Hams >>> Membership in OARC is complimentary for remainder of 1st year licensed.

Club Badges

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.

Club Swapmeet

"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**.

QST's and QRM from LARRY'S SHACK



Larry Griffin AD7GL President



Greetings and thanks to all for electing your team of Officers for 2012/2013. We are excited about working hard to build on the successes of the fine Officer teams that have served in the years before. We want our Radio Club to be fun and enjoyable to all members.

And now to meet the Team that will be serving you:

Gil, KG7IL, Vice President, we all remember the great job he did with the Uintah Field Day and the great meeting programs Gil planned for 2011-2012.

Gary, KB7FMS, Secretary, this is his second term and the second time he has volunteered to record all of the happenings in our club.

John, K7DJO, Treasurer, the man with the moneyö keeps us out of trouble financially and handles the big job of tracking and accounting for our funds. John also serves as QSL manager and club Photographer.

Dave, WY7P, Activity Director, what an outstanding Field Day 2012 he engineered. Dave is very energetic and is known for getting things done.

Rich, KF7VAQ, Program Director, he is a new ham and a new club member. He is in the hobby with both feet. Rich already has neat ideas for upcoming programs.

And now meet our *Unsung Heroes*, the folks behind the scenes that make things happen:

Kent Gardner, WA7AHY, past Club President, Club Historian/Librarian and Board Advisor. We have all enjoyed Kent's club news letter articles.

Stan Sjol, W0KP, past President and board advisor. Stan provides valued input to the Board. He has been the presenter at many club meetings and provides material support for most of our club functions.

Mike Fulmer, KZ7O, past President, Club Repeater Engineer and board advisor. Mike keeps our club repeaters on the air. He has also made some great meeting presentations.

Rick Morrison, W7RIK, Club VE liaison. Rick is doing a great job with organizing and conducting our club license testing sessions. He tackles this difficult job with a great deal of energy.

Mary Hazard, W7UE, Club VE Liaison Advisor. Mary organized and conducted our license testing sessions for many years. Because of Mary's great skills at setting protocols and procedures, the difficult job of running proper and legal test sessions has always gone very well.

Kim Owen, KO7U, recent Club President and now board advisor. We can't say enough about all the great things Kim has done for us in the past three years as Club President. Thanks Kim, and we look forward to your valued input as board advisor.

Val Campbell, K7HCP, Equipment Manager, Webmaster and Newsletter Editor. Val spends many hours each month engineering our excellent OARC club website and constructing a wonderful news letter. In addition Val always volunteers to do any job no one else wants to do. Val, we can't thank you enough for your many ongoing efforts.

Well, as you can see with a talented team like this, our club has many great days ahead. We want this to be your Ham radio club. To that end we will work very hard.

If you have any ideas or thoughts about what you would like to see from the club, I would value your input. Please send me an e-mail to: ad7gl@arrl.net or Call me at 801-388-1894.

I look forward to seeing everyone at the joint OARC/DARC/UARC swap meet on September 15. (See the OARC website for details).

Thanks and 73 for now,
Larry

CLUB NEWS

Vanity Call Sign Fee to Go Up 80 Cents

07/20/2012

On July 20, the FCC [announced](#) that the cost of an Amateur Radio vanity call sign will increase 80 cents, from \$14.20 to \$15. The fee will increase 30 days after notice of the increase is published in the [Federal Register](#); no date has yet been set for publication. Earlier this year, the FCC [released](#) a *Notice of Proposed Rulemaking and Order (NPRM)*, seeking to raise the fee for Amateur Radio vanity call signs.

The vanity call sign fee has fluctuated over the 14 years of the current program -- from a low of \$11.70 in 2007 to a high of \$70 (as first proposed in the FCC's 1994 *Report and Order*). In FY 2012, the FCC expects to grant 14,300 vanity call signs, bringing in \$214,500 from the vanity call sign program, and looks to recover a total of \$339,844,000 in fees from all the Services that it regulates.

Vanity Fee Due for New, Renewal Applications

The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new term. The first vanity call sign licenses issued under the current Amateur Radio vanity call sign program that began in 1996 came up for renewal six years ago.

Those holding vanity call signs issued prior to 1993 are exempt from having to pay the vanity call sign regulatory fee at renewal, as Congress did not authorize the FCC to collect regulatory fees until 1996. Such "heritage" vanity call sign holders do not appear as vanity licensees in the FCC Amateur Radio database.

Amateur Radio licensees may file for renewal only within 90 days of their license expiration date. All radio amateurs must have an FCC Registration Number (FRN) before filing any application with the Commission. Applicants can obtain an FRN by going to the [ULS](#) and clicking on the "New Users Register" link. You must supply your Social Security Number to obtain an FRN.

ARRL Processes License Renewals, Including Vanities

The [ARRL VEC](#) will [process license renewals for vanity call sign holders](#) for a modest fee. The service is available to ARRL members and nonmembers, although League members pay less. Routine, non-vanity renewals continue to be free for ARRL members. Trustees of club stations with vanity call signs may renew either via the ULS or through a Club Station Call Sign Administrator, such as ARRL VEC. Visit the [Call Sign Renewals or Changes web page](#) for complete instructions on how to have the ARRL renew your license for you or for how to do it yourself. License application and renewal information and links to the required forms are available on the [ARRL Amateur Radio License Renewal web page](#). The [FCC's forms page](#) also offers the required forms.



QCWA 2012 Convention Reno, Nevada

September 24 - 27, 2012



A great deal of the growth and dynamic character of QCWA, since it was founded in 1947, is a direct result of the Chapters chartered across the continent and around the world; there are 220 Chapters with members in over 60 countries. In 2012, we are bringing together amateurs from all over to share in our rich history. Bring friends, relatives and other fellow hams to the event.

The QCWA is for all amateurs that truly enjoy the hobby, appreciate the effect it has had on their lives, want to share their experiences, and preserve the amateur traditions.

We will showcase some of the rich history of amateur radio from the days of the spark gap transmitter to the present. It will also highlight a look at the future amateur radio as a technical, social, and emergency media.

This convention is not just for QCWA members but for all amateurs and individuals interested in amateur radio communication.



Harrah's Reno is the site for the 2012 convention. In addition to the excellent facilities, they are providing us with special room convention rates (\$59/night single or double occupancy) and packages in their West Tower. The amenities include free wi-fi access, free use of their spa, show discounts, and a special coupon package. The hotel is located one block away from the train station and bus station, has a free shuttle to/from the international airport, and ample free parking for guests and convention attendees.

Besides the main tour and presentations during the convention, there are many other tours, shows, attractions, and dining facilities available for the convention attendees and their guests. An e-mail convention newsletter will be published to keep everyone informed on the latest shows and events in the Reno/Tahoe area around the time of our convention. The newsletter will list tour information, presentations, and acknowledge our corporate and individual supporters.



For more information, contact:
Al Montoya, WB6IMX
2012 QCWA Convention Chairperson
P O Box 4181
Mountain View, CA 94040
U S A

WWW.QCWA.ORG
WWW.QSL.NET/QCWA-11

e-mail: ADNYP@ATT.NET

GUEST ARTICLE

By Dan Romanchik, KB6NU

Is Amateur Radio Too Focused on EmComm?

On the HamRadioHelpGroup, a Yahoo Group mailing list for anyone looking for help with anything related to amateur radio, one ham asked "Over lunch today I read the September issue of QST, which is heavily EmComm oriented. The articles were interesting, but the op-ed piece on page 98 seemed a little over the top to me...Has this focus of this intensity always been a part of ham radio and I just wasn't expecting it? How has it evolved over the years?"

To answer the question, another replied by posting Section 97.1, namely the principles behind the amateur radio service:

Sec. 97.1 Basis and purpose.

The rules and regulations in this part are designed to provide an amateur radio service having a fundamental purpose as expressed in the following principles:

- (a) Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.
- (b) Continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art.
- (c) Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communication and technical phases of the art.
- (d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts.
- (e) Continuation and extension of the amateur's unique ability to enhance international goodwill.

He went on to say, "I think that 97.1(a) addresses your question."

I like that reply a lot. First, it shows that providing emergency and public-service communications has been a part of amateur radio since its beginnings. Some hams are extremely focused on this, and I applaud them. In my opinion, the piece referred to in the latest QST was not over the top.

I think, however, that some hams do sometimes go overboard on emcomm, and act as if it's the only reason that ham radio exists. It's not. As you can see, the rules describe five different "purposes" for amateur radio. Emcomm might be the first, but it's only one of five. We need to keep in mind the other four as well. I personally like (e), and would like to see amateur radio actually do more to promote international good will.

What do you think?

=====

When he's not pondering the place of emergency communications in amateur radio, Dan, KB6NU, writes books about ham radio. He is currently feverishly trying to finish the No-Nonsense Extra Class License Guide. You can read excerpts from this upcoming book on his website, <http://www.kb6nu.com/>. You can e-mail him with comments, questions, compliments, or brickbats at cwgeek@kb6nu.com.

FEATURED ARTICLE

By Kent Gardner WA7AHY

Can You Identify This?

Have you driven up Weber Canyon lately toward Mountain Green and passed this tall pole in the gravel pit on the South side of I-84 past the highway 89 overpass? Did you ever wonder what it was?



For some time I had it figured as a radio antenna for the company that owned the gravel pit it was located in. Thenõ ..

I got on the I-84 freeway from Riverdale and was headed West up the canyon and saw the flashing lights telling me to tune to 1530 for road construction information. I dutifully changed to AM on my dial and tuned to 1530. It identified itself as WPMK 588 and continuously broadcast road and construction conditions covering from the mouth of Weber Canyon to Morgan.

I thought that I had that tall pole pegged as a Highway Advisory Radio antenna. Thenõ .

I called the Utah Department of Transportation (UDOT). After talking to a lot of nice people I found out that the pole was not UDOT equipment. I was barking up the proverbial %wrong tree+.

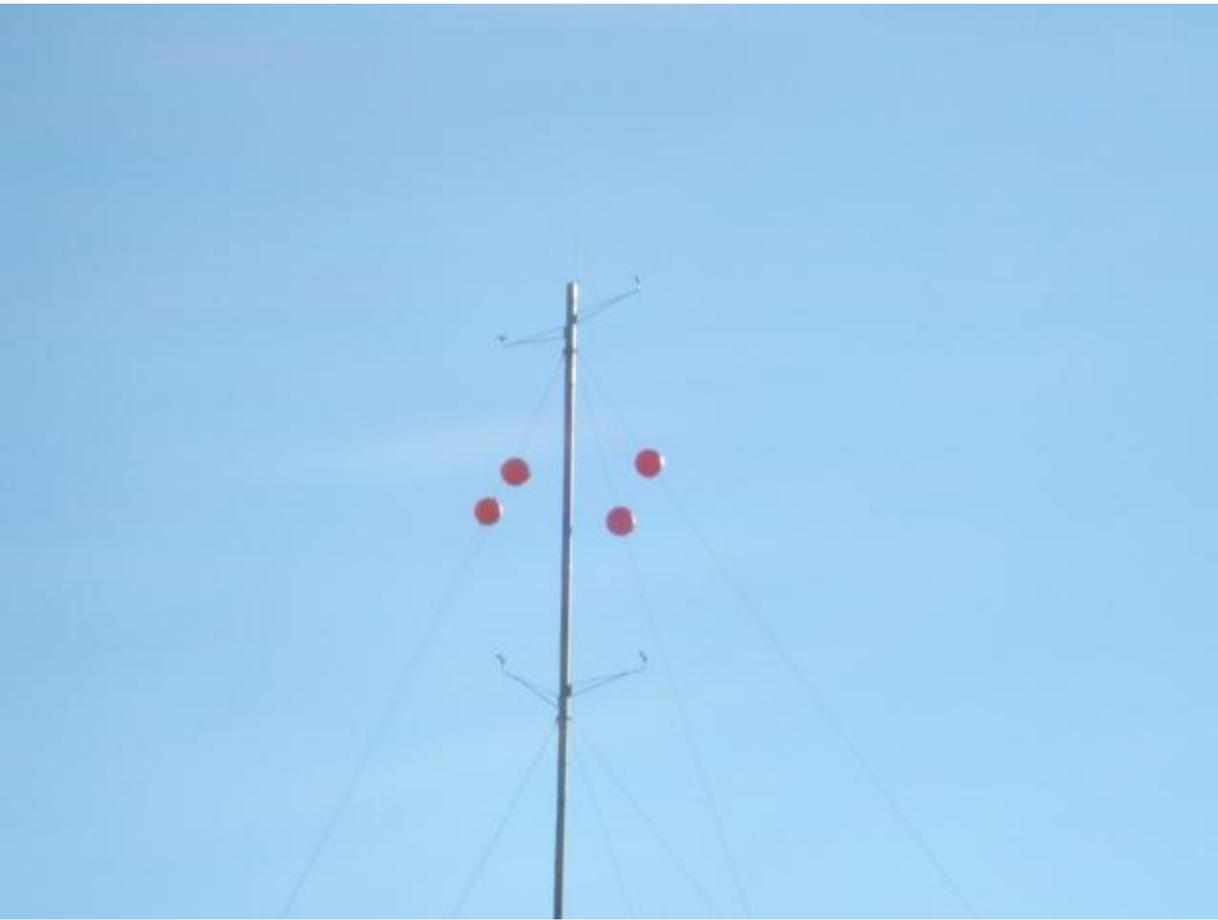
The Weber County Engineering Department confirmed that it was in Weber County.

When I drove up close to the pole alongside I-84 I could then see no less than six anemometers mounted on the pole at varying heights. I remembered that several years ago the Weber County Commission had hearings on private homeowners building their own wind generators and that was approved. Could it be that maybe a private company wanted to put in a windmill power generation farm? It appeared to me now that the pole and the anemometers were there to gather data on canyon winds to see if a large windmill farm was feasible. UDOT had heard rumors that the wind data collectors were no longer being used.

The pole/tower is just across the I-84 Freeway from this sign. You would be coming out of Weber Canyon going West. The off-ramp to Ogden is on the right as shown by the 89 North arrow. The pole/tower is to the left or South of this sign.



The photo below shows the top of the tower/pole with four orange balls on the guy wires to warn aircraft which might be flying up or down the canyon. You can also see four of the six anemometers (wind speed indicators) on the tower. They are on extended arms away from the tower/pole. You have to get close to the fence around the gravel pit to see them in some detail.



After realizing that the pole and guy wires were not a part of any antenna it made sense to me that the guys made contact directly with the mast which was not conducive to radiate anything.

The bottom of the pole did not seem to be insulated from the concrete base. That also made it an anomaly to what most AM broadcast towers should look like



The pole/tower is anchored by 18 guy cables with three sets of 6 on each of the three legs set at 120 degrees apart. The six guy cables on each leg are attached to two anchors with three on each anchor.

The pole makeup is unknown, but is approximately 6-8 inches in diameter. I can't tell if each section is like a push-up mast or not. I couldn't make out any guy rings, but I did count what looks like electrical tape wraps or more likely cable clamps. There are 33 such attachments.

So, it was not a UDOT antenna at all, but a very tall pole to measure wind-speed. It was a good thing I took time to verify my sources. It would have been embarrassing to publish the article calling it something that it wasn't. It was a lot of fun doing all the detective work though.

TNX

Kent, WA7AHY

FEATURED ARTICLE

By Kent Gardner WA7AHY

Can You Identify This? Or "X" Marks the Spot or Talk About a Hidden Transmitter Hunt !

Have you ever gotten on to the I-84 Freeway going East at Riverdale or before and passed a road sign that had flashing lights telling you to tune to 1530 on your AM dial for traffic and road conditions? The sign is powered by two small square solar panels.

If you changed to AM on your dial and tuned to 1530 kilo-Hertz the recorded male voice identifies the radio station as WPMK 588 and continuously broadcasts road and construction conditions covering from the mouth of Weber Canyon to Morgan.

Just after passing over Highway 89 I had been noticing a tall pole/tower off to the right in a gravel pit. I hadn't figured out what it was, but now thought for sure that it must be the transmitter tower for the Highway Advisory Radio (HAR) on that 1530 KHz frequency.



Little did I know that my idea was entirely wrong. To find out details on the pole/tower I called the Utah Department of Transportation (UDOT). After talking with a lot of nice people it was determined that the pole/tower was not their equipment. Further research determined that it was probably a test tower with six anemometers to research the duration and the speed of the wind coming West out of Weber Canyon. It probably was put there to see if perhaps a windmill power generation could be built. UDOT had heard rumors that the tower and the wind equipment were no longer in operation.

So now, where was the antenna and transmitter box for the Highway Advisory Radio?

The mystery deepened.

I spent several hours over a week's time trying to find the antenna and transmitter box. UDOT had emailed me a picture of a typical installation elsewhere in Utah. I drove every road I could find at each quadrant of the Highway 89 and Interstate 84 intersection, but to no avail.

I began to notice that the signal was stronger on the North side of the freeway especially while driving up and on top of the incline to the intersection of Skyline Drive which is East of where Harrison Boulevard intersects with 89. I figured though that the transmitter should still be close to the freeway. Another call to UDOT drew a comment that it was near Skyline Drive and the 89. I spent another several hours driving and walking each quadrant of that intersection, but again to no avail.

In desperation, I decided to drive down the incline into the 89/I84 intersection. Low and behold I noted that there was a tall pole just to the right of the road when I passed the Christian Church off to the right. I knew that it must be a traffic camera for UDOT to monitor the traffic up and down the hill.

All of a sudden I caught a glimpse of a pole mounted box and a vertical antenna on a pole near the traffic camera and almost hidden in the trees. I couldn't safely stop, so went down the incline and made a U-turn. I came back up to the top of the hill and made another U-turn, waited until the traffic thinned then drove slowly down the hill to the traffic camera pole. I found I could drive off the road onto a gravel side spot behind the guard railing. There it was, and my radio tuned to 1530 was picking the signal up very strongly.



The large cabinet in front is apparently the control box for the UDOT traffic camera on top of a tall pole just out of sight to the left (see below). The smaller control box marked conveniently with an 'X' is what I had been looking for. UDOT must use the same data/audio link for both the camera and AM transmitter.



The AM transmitter is controllable up to 10 watts depending on the frequency. UDOT endeavors to keep the range under five miles¹. This one is powered by 110 VAC, but can be solar powered. Portable units are solar powered.

UDOT can communicate with the HAR units from the Traffic Operations Center in Salt Lake City by calling the unit and inputting a message over the phone. Some of the units near Big and Little Cottonwood Canyons now have a text to speech capability which uses a computer program where an operator types in a message and a computer voice reads the message. This one has a recorded male voice using a telephone/data line.



This is what the antenna looks like.

Some of you may remember when the Broadcast Band was extended. Originally the band limits were from 520 to 1610 KHz. In 1993 the upper limit was moved out to 1710 KHz. On some radio dials, though, they showed the top end to be 1700 KHz. The really old radios showed the 1600-1700 kilocycles portion to be a Police Band.

The channel/station spacing remained at 10 KHz. Other parts of the world use 9 KHz separation. The picture below shows 10 KHz. The switch is below the batteries of my handheld Sony ICF SW-35 AM/FM/SW receiver. MW stands for Medium Wave and basically covers our Broadcast Band.



I had figured all along that most, if not all, of these Traffic Advisory Radio transmitters used the extended portion of the BC Band as do national and other parks and airports. This one on 1530 KHz doesn't follow my made-up rule so frequency assignments may be anywhere in the AM Band. So next time you drive down the dugway into Uintah, **carefully** look to the right of the traffic camera pole and you will see that % really does mark the spot.

If I remember correctly, there used to be one of these transmitters in Riverdale when they widened the road up to the freeways. I don't remember seeing such a unit during that project. If anyone knows where it is, let me know.

¹ This reminds me of a story. While I was in the Air Force I was the Commander of the Armed Forces Radio and Television Service (AFRTS) in Turkey and was stationed at Incirlik (pronounce Injurlick) Air Base near Adana, Turkey. We had a similarly configured vertical antenna attached to a telephone pole outside our AM transmitter room. Incirlik was a Turkish Base, but a portion of it was for U.S. use. In Turkey, the government owns the airways and did have a Turkish broadcast station in nearby Adana so they were somewhat controlling. AFRTS was told that they should engineer the transmitter so as not to let the signal get outside the confines of the base. You all know how impossible that was, but those that installed it years ago made sure that the station was heard downtown without any problem where many service personnel had apartments off base. We felt that we could not keep a good signal down.

TNX

Kent, WA7AHY

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday 15 September 2012

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

- **Time: 8:00 am - 11:00 am**
- **Location: Bountiful City Park**
(100 West 400 North Bountiful)
- **Topic/Event: Joint Swap Meet**
- **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 03 October 2012

- 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: New for June & October 2012

**Ogden Public Safety Building
2186 Lincoln Ave Ogden Utah**

Contact: VE Liaison:

Mary Hazard

w7ue@arrl.net (801-430-0306)

Rick Morrison

morrisonri@msn.com
(801-791-9364)

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-	GSARC	123.0	Brigham City
145.430-	GSARC	123.0	Brigham City
147.220+	GSARC	123.0	Brigham City
448.300-	GSARC	123.0	Brigham City
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
OgdenARC	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
GSarc	Ubetarc.org	Check Website	Check Website
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)
WDArc	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	GS 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	GS 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: Larry Griffin AD7GL

Vice Pres: Gil Leonard NG7IL

Secretary: Gary Hudman WB7FMS

Treasurer: John Shupe K7DJO

Program Director:
Rich Kennedy KF7VAQ

Activity Director:
Dave Woodcock WY7P

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

OTHER CLUB APPOINTMENTS

Webmaster: Val Campbell K7HCP

Historian/Librarian: Kent Gardner WA7AHY

Advisor: Kim Owen KO7U

Advisor: Kent Gardner WA7AHY

Advisor: Stan Sjol WOKP

Photographer: John Shupe K7DJO

QSL Manager: John Shupe K7DJO

Equipment Manager: Val Campbell K7HCP

Repeater Engineer: Mike Fullmer KZ7O

VE Liaison: Richard Morrison W7RIK
Jason Miles KE7IET (IT)
Mary Hazard W7UE (advisor)

Club Call Sign Trustee: Larry Griffin AD7GL

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