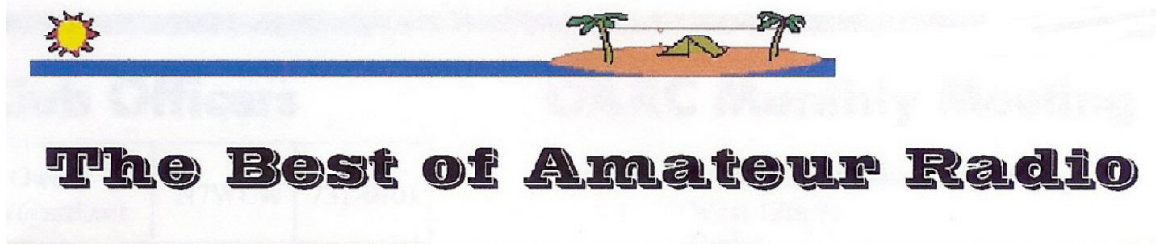




# WATTS NEWS



*Welcome to the OARC e-Magazine*

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

**JANUARY 2008**

Next Club Meeting

**3rd Saturday January 19, 2008**

**Topic: D-Star Communications System**

by John Hays K7VE



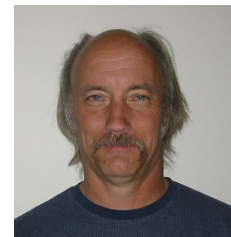
**Kent Gardner WA7AHY**  
President



**Kim Owen KO7U**  
Vice President



**Maggi Campbell N7HCP**  
Secretary



**Jeff Anderson KD7PAW**  
Treasurer



**Mike Webster N9NZ**  
Director #1



**Stan Sjol W0KP**  
Director #2



**Mike Fullmer KZ7O**  
Past Pres/Advisor



**Val Campbell K7HCP**  
Webmaster/Editor

# NEXT CLUB MEETING

**When:** 3rd Saturday January 19, 2008  
**Time:** 9:00 AM  
**Location:** Riverdale Fire Station (see web site for map)  
**Talk-in:** -146.90 (pl=123)

**Topic:** D-Star Communications System (by John Hays K7VE)

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## What is D-STAR?

ICOM 1D-1 (1200MHz Digital Transceiver)



**D-STAR** is a new ham radio system which offers digital voice and data communication. It connects repeater sites over microwave links and the Internet and forms a wide area ham radio network. The DSTAR system provides a new capability and functionality to the ham radio world and increases the efficiency of emergency communications.

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## PREVIOUS CLUB MEETING

3rd Saturday December 15, 2007

### OARC Family Dinner

OARC members met once again for the clubs annual December Family Dinner at the Eastern Winds Chinese Buffet in South Ogden. About 4 dozen members and friends attended this year.

Door prizes were abundant again this year and the Grand Door Prize was won by Mike Groves KD7MG. It was a Grundig YB400PE shortwave receiver featuring AM, FM, and SSB/CW receive functions.

Congratulations to Mike for being the lucky winner. He promises to provide us with a product review for next months newsletter. This will give him enough time to try it out on the short wave bands and the ham bands as well.

Remember, don't miss next years OARC family dinner. We'll see you there.







## FROM THE PRESIDENTS SHACK



### Kent Gardner WA7AHY

Di di di Dah di dah. This familiar Morse code character to some means the end of work/message. To others it means SK or silent key where a faithful ham operator departs this life. I say faithful ham because it is my belief that one does not deserve the accolade without earning it. I have spoken at the funerals of two of my friends who certainly earned the SK designation. They gave of their time and talents to further the cause of, in one, case the Red Cross, and in the other, the training of students in electronics and radio pursuits. They showed the willingness and even the enthusiasm to help others while taking the time to have fun in a hobby that was good to them.

Have you had any fun with ham radio lately? Did any of you participate in SKN? No, it is not silent key this time, but Straight Key Night. New Years Eve is the customary night for making contacts with a standard key....not a bug or a keyer or a sideswiper or computer keyboard, but a key that is the old standard for CW operators. I brought my QRP rig from the shack to my warm bedroom and was going to give it a try. For the life of me I couldn't figure out why I wasn't hearing anything on the bands. It took me some time before I realized that my Argonaut's antenna switch on the back was in Receive on Separate Antenna instead of the normal Transceive position. By that time my heavy cold and congestion that I got on my birthday two days earlier caught up with me and I ended up sleeping through the new year changeover. I was pleased however to hear signals all across the bands when I listened in the next morning.

Speaking of fun....are there any club members that would be interested in helping out with a special events station at the Golden Spike reenactment this year? We also have a chance to help with a School contacting the International Space Station via ham radio. The Davis club has been asked to coordinate such an effort. Let any club officer know if you might be interested. I will mention these items at our upcoming meeting, which, by the way, should be an interesting one....about the new D-Star communication system we have been hearing about. Come on out for some fun and learn some new stuff.

TNX  
Kent, WA7AHY



## CLUB OFFICER BIO



### Kent Gardner - President

Radio has always been intriguing to me. From the space noises coming from my parent's radio to listening to ham operators on 80 meter AM while milking cows, the thrill has always been there. I am more of a listener than a transmitter, I guess, and that has led to much tinkering and contemplation rather than pressing the mike button.

My early stations consisted of the following:

- National SW-54 receiver with a Heathkit AT-1 transmitter

- Hammarlund HQ-100 with a Globe Scout

- I had a two tube surplus modulator that I connected to both for AM operation.

- Navy TCS-13 Receiver and Transmitter

I got my Novice license while a freshman at Utah State University (USU). My call sign was KN7PML. It was good for a year, but expired if one didn't upgrade. If I could have upgraded within the year the N would have been dropped and I would have been K7PML. It did expire while I was on a mission to Texas for the LDS Church. After returning to USU, I signed up for Air Force ROTC and spent a lot of time in the MARS station learning code and theory. I went to Salt Lake at passed my General exam with 13 wpm code within a few months. I have held my call WA7AHY ever since, even though I could have gotten a 6 call while living in California.

I helped organize the USU Amateur Radio Club while there and have been active in ham organizations ever since. I operated Air Force MARS while stationed in Selma, Alabama, but when I transferred to Turkey with the Armed Forces Radio and TV service no individual operation was allowed. I was a member of the Fullerton (California) radio club for 24 years and the Hughes Aircraft Radio Club for three years and served in various positions all that time.

My favorite past-time is listening for lightning caused whistlers on the 5-15 KHz band. Don't forget to ask me to bend your ear about the subject sometime. I love to hear good speakers at ham club meetings and don't miss many swap meets.

**73 - Kent Gardner WA7AHY**

# CLUB NEWS

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## **NEW OGDEN AREA 2 meter NET**

(informal general information net)

- **Wednesdays 21:00 (09:00 PM)**
  - **Little Mountain Repeater (146.90 Mhz, Offset = “-“, Tone = 123.0)**
  - **Everyone welcome - check-in and chat with your friends**
- 

## **OARC Membership Renewals are now due**

- **August is OARC membership renewal month**  
(please don't forget to renew your membership)
- **Renew at the next club meeting**

**-OR-**

- **Renew via US Mail: Click ([Join OARC](#)) on the club website menu bar**
-

## AR HOBBY NEWS

### *2008 Utah VHF Society Swapmeet*

**4th Saturday, February 23, 2008, beginning at 8:00 AM**



At the Utah State Fairpark. This is located along the north side of North Temple at about 10th West. The festivities will be in the Zion building - the same building as last year. The Zion building is located next to Gate in building 34. The main entrance to the Zion building is on the West side. If you have any doubt, just follow the crowd.

There is ample parking to the north of the building after you go through the gate. Parking and access near the building itself is limited, so please leave that parking for *those who need to unload/load their stuff, as well as those who need special access.*

For details point your browser to the following address: <http://utahvhfs.org/fairpark.html>



# NEWS ARTICLES



## SOLAR CYCLE 24 CONFIRMED

An astrophysical research group in Belgium has now confirmed what we reported last week. Solar Cycle 24 is now officially with us. Jeremy Boot, G4NJH, is in Nottingham in the U-K with the latest:

According to the Solar Influences Data Analysis Centre, Solar Cycle 24 has begun. In a report issued on 4 January 2008 the Centre identified a high latitude sunspot group.

The group, first noted by the Catania solar observatory, has been identified using the butterfly rule as the first in Cycle 24.

After the last few years of declining conditions, we can now look forward to a steady improvement in HF propagation until the cycle peaks, which is expected to be around 2013.

Some independent propagation forecasters think we could see some significant improvements in band conditions by this summer while others are not quite sure when improvements will begin to take place.

## CALIFORNIA SAYS IT WON'T CORRECT ODD SPACED HAM PLATES

A follow-up to our story a few weeks ago regarding the insertion of an unwanted space in some ham radio license plates by the California Department of Motor Vehicles. It appears that the D-M-V is going to hold its ground and not fix what hams consider a problem with the way their call letters are displayed on license plates. That's because the agency says it is that way to assist law enforcement. Amateur Radio Newsline's Bruce Tennant, K6PZW, reports:

As previously reported, Cliff Cheng, WW6CC, was the first to bring the matter to the public eye. This, after he applied for ham radio plates only to have them read WW6 space CC. Soon other hams were up in arms as they too received plates with an unwanted space between letters of their calls and some went as far as filing complaints with the D-M-V.

Now, in response Mario Balbani, who is the Program Manager for Registration Policy Development has responded to those complaining. In letters Balbani essentially says that while the FCC may issue a ham operator his or her callsign the Department of Motor Vehicles can decide how it will be displayed on plates his agency issues.

In other words, the spaces will stay.



## 30-metre Digital Weekend

A two-day digital event has been arranged by 30 Metre enthusiasts to give radio amateurs interested in PSK31 and other digital modes an opportunity to ragchew on 10 MHz.

The event will start on January 19th 00:01 UTC and run for 2 days till midnight on 20 January.

The 10 MHz band should produce some interesting DX during hours of darkness. The activity will be focussing on 10,135 to 10,145 MHz. The main mode will be PSK31 on 10,140 MHz plus minus 1 000 Hertz. The objective is for radio amateurs worldwide to make contact with EU stations to promote and increase digital mode activity on 30 Metres.

This is not a contest but a casual event promoting 30 metre digital activities in conjunction with the 30 Meter Digital Group. Logs are not required but participating radio amateurs are requested to send a mail to [m5aav@30meterdigital.org](mailto:m5aav@30meterdigital.org) with the number of stations worked.

The 30 Meter Digital Group's goal is to promote the use of digital modes on the 30 metre band and awareness on what a great band this really is! The group promotes awareness of this unique HF band which many have called "the best kept secret" in Ham Radio.

They also promote good digital operating practices, different digital modes, experimenting, known weekly or monthly activities, skeds/spots, antennas, and propagation reports for just the 30 metre band.

For more information about the group visit <http://www.30meterdigital.org>.

## Radio ham claims record-breaking QSO score

A Macedonian radio amateur has claimed the largest number of QSOs as a single operator in the 21st century.

**Vladimir Kovacesci, Z35M** has submitted a proposal to **Guinness World Records** to add a new category of 'Largest number of contacts for 5 years in a row'. He claims 140,000 QSOs in the period 2001 to 2005.

His all-time total since 1984 is a massive 320,000 contacts. His best year was 2001, when he made 43,300 QSOs, a European single year record.

Source: RSGB



**FEDERAL COMMUNICATIONS COMMISSION  
Enforcement Bureau  
Spectrum Enforcement Division**

October 30, 2007

CERTIFIED MAIL -- RETURN RECEIPT REQUESTED

Brandon M. Duke  
1903 Warren Avenue #202  
Longmont, CO 80501

Amateur Radio License KD0BSH (formerly KC0UWS); Case #EB-2006-2820

Dear Mr. Duke:

On January 9, 2007 we notified you that information before the Commission, as well as your own admissions, showed that you have been operating radio transmitting equipment on frequencies not authorized to you as a Technician Class licensee. We reminded you that such operation is a violation of Section 301 of the Communications Act of 1934, as amended, 47 United States Code S: 301, and would subject you to fine and imprisonment. Additionally, we noted that you have ignored requests to cease operation on repeaters in your area. You were advised of the requirement to heed those requests in a Commission letter dated January 9, 2006.

In order to resolve these enforcement issues, you have submitted your license to the Commission to be held for one year, retroactive to July 1, 2007, during which time you will have no authority to operate radio transmitting equipment.

Please be advised that operation of Amateur Radio transmitting equipment during this period (until June 30, 2008) would result in enforcement action against your license, which may include revocation and monetary forfeiture (fine). Fines normally range from \$7,500 to \$10,000.

Sincerely,  
W. Riley Hollingsworth  
Special Counsel  
cc: FCC Western Regional Director

# ANNOUNCEMENTS

## Next Club Meeting:

**3rd Saturday January 19, 2008**

- 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: D-Star Communications System** (by John Hays K7VE)

- **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:

**1st Wed February 06, 2008**

- 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.

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## 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
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
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>

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*OARC OFFICERS*

President: Kent Gardner WA7AHY  
Vice Pres: Kim Owen KO7U  
Secretary: Maggi Campbell N7HCP  
Treasurer: Jeff Anderson KD7PAW

Director #1: Mike Webster N9NZ  
Director #2: Stan Sjol WOKP

*"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:  
Mike Fullmer KZ7O

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**73 es cul de W7SU**

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