



WATTS NEWS



The Best of Amateur Radio

Welcome to the OARC e-Magazine

www.OgdenArc.org

MARCH 2006

Next Club Meeting

3rd Saturday March 18, 2006

Topic: Dennis Utley AF7Y will present the basics of having fun with DX



Mike Fullmer KZ7O
President



Kent Gardner WA7AHY
Vice President



Chad Roylance KD7WQS
Secretary



Jim Southwick N7JS
Treasurer



Charles Horn KD7SST
Director #1



James Clarke KD7SWL
Director #2



Gary Liptrot NTZI
Past President - Advisor



Val Campbell K7HCP
Webmaster/Editor

PREVIOUS CLUB MEETING

3rd Saturday February 18, 2005

The February meeting of the Ogden Amateur Radio Club was held at the usual location, the Riverdale Fire Station. We had almost 30 in attendance. For those that wanted, juice and donuts were available in abundance.

Mike Fullmer KZ7O, our club president, opened the meeting with several announcements.

- Suit Sat - The International Space Station
Space Suit Satellite status
- UVHFS Swapmeet - Saturday February 25, 2006
- NUHF - Northern Utah Hamfest - Saturday April 22, 2006
J-Pole Antenna building project session
- Technician Class License Class - Wednesday evenings April 26 -May 31
VE Test Session - June 7th
- Area 7 QSO Party - May 6-7, 2006
- WIMU - 1st weekend in August 2006
Jackson Wyoming

Charles Horn KD7SST gave a short demo presentation on the features of the OARC Club website using the overhead video projection system.

Earle Sanders NT7Y, an ARRL Official Observer (OO), warned us about "Out-of-Band" operation, especially while chasing DX contacts like the current Peter Island Antarctica station 3Y0X.

As usual, our youngest club member Winona Roylance KE7EEJ drew several winning tickets from the hat for meeting door prizes.

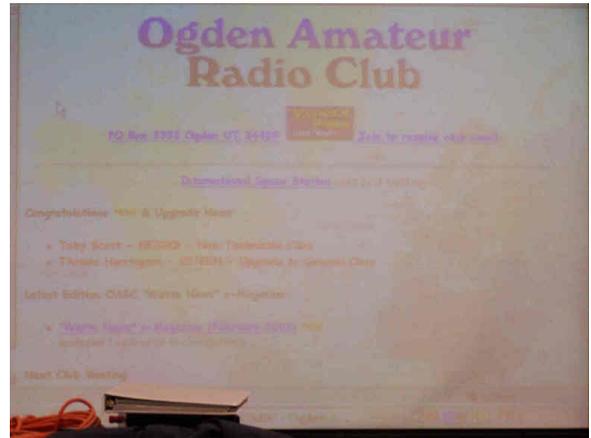
The meeting featured topic this month, presented by Mike Fullmer KZ7O, was on popular yet simple HF antennas for beginners. Well, not just HF antennas and not just for beginners either. He presented details about the following antenna types:

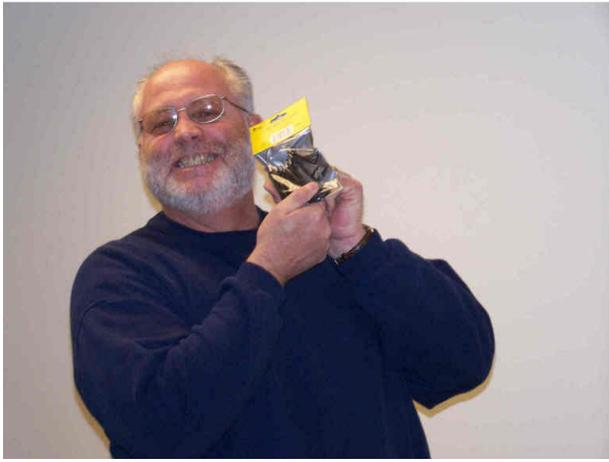
- Longwire & Beverage antennas
- Dipole, Inverted Vee & G5RV antennas
- Vertical Antennas
- Yagi & Quad Beam Antennas
- Loop Antennas (horizontal & vertical)

Additional information regarding important items like Antenna Traps, Antenna Tuners and Ground Plains Radials were also discussed. This information was very interesting and informative for all that attended.

See you at our next meeting.
73, Val K7HCP

PICTURES GO HERE







Beacon in a Box

(repeat)

In the August issue of this newsletter we published a feature article titled "Beacon in a Box" by Jim Southwick N7JS. We are now proud to announce that his article was just published in the February 2006 issue of CQ Magazine p.52. Check it out.

Another Illegal Cordless Phone

Hams near Mishawaka, Indiana have T-hunted down a high power illegal cordless phone operating in the 2-meter band. Now it's up to the FCC to take it off the air. The signal from the phone was first noticed on 147.240 MHz by Andy Marshall, N9YIM. He brought the matter to the attention of Pete Ostapchuk, N9SFX. Pete says the signal was strong enough to be heard on an HT some eight miles away,

Pete finally got a chance to locate the phone when he received a heads up from David Fox, N9GVU, who it turns out only lives about a half mile from the device. He told Pete about two apartment complexes next to each other where he had found a very strong signal earlier in the evening. As soon as Pete arrived in the first apartment complex parking lot the signal overpowered his 95 dB of attenuation. It took about five minutes to pinpoint it to an upstairs apartment where the phone was located. He did not want to go any further because of the legalities of T-hunting on private property. Instead, he submitted his findings to the FCC and it will be up to them to take whatever action they feel is appropriate: We will let you know.

World Radio August 2005 - Newsline

A Message from our President

Mike Fullmer KZ7O



It is March, that time of year when it feels winter one day and spring the next day.

February was a good month for local ham radio activities. We had our club meeting then the following Saturday we had the VHF Society meeting. I enjoyed the VHF Society swap meet and general meeting. In fact it was an important one for the club. We received some money to help reimburse us and Weber County for the upgrades to the Little Mt. Repeater site. See the Repeater Update Article for details. We really appreciate the VHF Society for this. We set up a table with fliers of the hamfest on it. We had several people man the table throughout the morning. I appreciate those who assisted with this. The table had our new large Ogden Amateur Radio Club banner on it.

This month's club meeting should be really good. A group from the Utah DX association is coming to talk to us. I know that not everyone has an interest in DXing the HF bands but this should be a real good meeting to see what it's like.

In April we have our Northern Utah hamfest sponsored by the club. Things are coming together really good. We could always use some more

volunteers to help with things so speak up and say "sure, I'll help". There are late changes on the hamfest activities, like a QRP radio building class. See the web site for details.

The first weekend of March was one of the big HF DX contests for the year, the ARRL International Contest. The HF bands were humming with DX SSB stations. I always like to spend a few hours seeing what I can hear and work. I think I spent about 4 hours throughout the day and worked 48 DXCC countries on 20, 15 and one contact on 10 meters. And this is the bottom of the solar cycle. It will be really good again in a few years.

There will be a change in the prizes at the club meeting in the future. The officers have been trying to come up with a way to encourage hams to pay their dues for club membership. So we are going to start doing door prizes the same way the Davis Club does them. You must be a member of the club to get a ticket to win a door prize. Visitors are still welcome to the refreshments. So come, pay your dues, and then you do not have to worry about it.

Well, that is it for this month.

73s Mike, KZ7O

CLUB NEWS

Next Club Meeting

When: 3rd Saturday March 18, 2006
Time: 09:00 AM
Location: Riverdale Fire Station
Topic: Dennis Utley AF7Y will present the basics of having fun with DX
Talk-in: -146.90 (pl=123)

March meeting...

Dennis Utley, AF7Y, will present the basics of having fun with DX

The program will include a panel of experienced DXers from the newly reorganized Utah DX Association, Darryl Hazelgren K7UT and Jon Utley K7CO. Bring a friend and enjoy what is sure to be an educational and entertaining program.

Since the earliest days of radio, people have been asking the question "How far will it go?" Trying to contact people at great distance by radio continues to hold great fascination to operators of the present day. The name "DX," derived from the CW abbreviation for "distance," is the name given to the hobby of contacting operators in foreign countries, usually on the HF bands. We are fortunate to have booked a very experienced DXer for this meeting. Dennis Utley, AF7Y, will be telling us the ins and outs of working DX. Dennis has had experience on both ends of the DX circuit, having operated from several places in the US as well as from remote DXpedition sites. He knows what it takes to work DX in the way of station equipment and operating skill, and even knows first-hand what it takes to be the first-place winner of a major worldwide DX contest. For those that can't quite manage the 75-foot tower and the 1500-watt amplifier yet, he will tell us about "DX on a Shoestring," what you can do in a low-budget operation. There are some new awards like the QRP DXCC (low-power DX Century Club) that may be more in reach for a newcomer. The QRP DXCC is different from many awards in that it is not necessary to collect and present QSL cards from all the stations worked. (The art of getting QSL cards can be almost as challenging as that of working the DX stations. Dennis will tell us some of those tricks.)

Bring a friend and enjoy what is sure to be an educational and entertaining program.

Repeater Update for March 2006

A very nice present was presented to the club at the VHF Society meeting in February. They gave us a check for \$1000. This will help to offset all the money that Weber County spent to purchase the new solar panels and batteries last year. I am working with Lance Peterson, Weber County Emergency Management Director, to determine the best use for this money in offsetting the expenses of last year. There are some additions to the repeater at Little Mountain that are being considered.

Just so you are all aware, the 146.82 repeater on Mt Ogden works great even though it has a broken coax line. The coax going to the antenna is broken but if the coax is bent in the right way the connection stays ok. So the coax has been bent in the correct shape and has stayed good since September with no problems. It will be replaced this summer, but it is not the friendliest place to visit during the winter months. As long as it is working there is no hurry.

The repeaters take continuous care but they seem to have operated ok this past month. The autopatch does get used once in a while. We could use a little \$\$\$ to help with the monthly phone bill. Please feel free to make a donation.

Just make a check out to OARC and give to any officer or mail it to:

OARC
PO Box 3393
Ogden UT 84409

73, Mike, KZ7O

Radio Antenna "CC&R Bill" Reintroduced in Congress

New York Congressman Steve Israel has reintroduced legislation that could make it easier for radio amateurs living in communities with deed covenants, conditions and restrictions (CC&Rs) to erect suitable antennas.

ARRL - September 2005

MORE CLUB NEWS

Club Badges

(repeat)

OARC Club badges are once again 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 **Director #2:** James Clarke KD7SWL via email or see him at the next club meeting. See web site www.ogdenarc.org "Club Officers" page.

Support your Radio Club

[Join OARC and ARRL](#)

(repeat)

- Membership in OARC is complimentary for remainder of 1st year licensed.
- Reduced membership dues for 1/2 year memberships.
- ARRL "joins" thru OARC benefits your local club without additional cost to you.
(ARRL joins thru the club will receive the new Repeater Directory valued at \$10.95 as a gift.)
- ARRL "renewals" thru OARC also benefit your club without additional cost to you.

AR HOBBY NEWS

Code Free Technician - Ham Radio Licensing Class

Purpose:

- To provide an opportunity for all ages to enjoy the excitement of Amateur (ham) Radio communication and electronics and to provide opportunities to learn skills for emergency assistance to the church and community.

Sponsor:

- South Ogden Stake of the Church of Jesus Christ of Latter-day Saints
- Ogden Amateur Radio Club (OARC)

Contact person:

- Kent S. Gardner, WA7AHY
 - South Ogden Stake Emergency Communications Specialist
 - Vice-president of the Ogden Amateur Radio Club
<http://OgdenArc.org>
 - 4515 Jefferson Avenue South Ogden, UT 84403
Phone:(801) 475-6282 eMail: L7MFCC@Juno.com

Class Schedule:

- First class Wed 26 Apr 2006 at 7:00 PM
- Second class Wed 03 May 2006 at 7:00 PM
- Third class Wed 10 May 2006 at 7:00 PM
- (Makeup session) Sat 13 May 2006 at 9:00 AM
- Fourth class Wed 17 May 2006 at 7:00 PM
- Fifth class Wed 24 May 2006 at 7:00 PM
- (Makeup session) Sat 27 May 2006 at 9:00 AM
- Sixth Class Wed 31 May 2006 at 7:00 PM

Class Location:

- South Ogden Fifth Ward Church
4380 Orchard South Ogden, UT 84403

Enter through rear door to seminary rooms. No smoking on Church grounds.
There is no charge for the class, but most will want to purchase a manual.
Approximate cost for the manual will be \$10.00 to \$15.00

VE Test Session and Location:

Wednesday June 07, 2006 at 5:00 PM
Weber Center 2380 Washington Blvd Ogden UT 84401

- Walk-ins welcome:
- Cost: \$14.00 per test
- Two forms ID, one w/pic
- Calculators allowed w/memory cleared
- VE Test Session contacts:
 - Mary Hazard W7UE
(801) 430-0306 w7ue@arr.net
 - Kent Gardner WA7AHY
(801) 475-6282 L7MFCC@Juno.com

FEATURE ARTICLE

You Know You're Raising a Ham if...

- You start teaching Morse code to the toddler banging away with wooden spoons.
- Your children assume everyone's name has a callsign after it.
- Your children do not assume that a big antenna on the roof means someone gets 1001 cable channels.
- They *do wonder* why neighbors with big antennas don't do moonbounce.
- You explain circuit diagrams to them as you repair their broken toys.
- They learn how to read schematic symbols before words.
- Your preschooler mishears "I see you" as "CO" when you're playing peek-a-boo with the baby.
- They do not assume you need a cell phone to talk to Grandpa on the other side of the country.
- They have used Morse code with friends to cheat on a test-and didn't get caught because the teacher was on the lookout for camera phones instead.
- Instead of a gymnastics class for your kids who like to climb, you get junior-size safety harnesses and take them up the tower with you.
- You know they have finished a sentence when you hear "Over."
- CB = Citizens Band, not CB = call back.
- Your children insist you buy coffee in metal cans that can be used for building antennas when they're empty.
- Coffee cans in your house don't last long enough to hold loose change.
- Your child understands enough of the concept of radio waves and radar to argue with the cop that the reading must be wrong, based solely on the physics of the situation.
- You put a ham rig in the car for them because, unlike cell phones, using them has not been banned for teenage drivers.
- Extra points if they request it so they can use the "make your own static" trick to duck out of parental questions.
- They not only go out to play GPS- scavenger hunts but understand how GPS works.
- They watch old *Star Trek* episodes and can identify the set designers from the Morse code built into the black computer screens.
- They grew up wanting to tour Arecibo just to see the big dish.
- They went to <www.talktoaliens.com/> and laughed because they know that their antenna won't get your "call" to space past the atmosphere.

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday March 18, 2006

- The Ogden Amateur Radio Club meetings are held on the **3rd Saturday** of each month.
- **Time: 9:00 AM**
- **Location: Riverdale Fire Station**
- **Topic: Dennis Utley AF7Y will present the basics of having fun with DX**
- **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:

June 07, 2006 (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 (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
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

AREA CLUB MEETINGS & WEB SITES

CLUB	WEB SITE	DATE/TIME	LOCATION
Ogden ARC	ogdenarc.org	3 rd Saturday 09:00 am	Check OARC web site ...
WC ARES	ogdenarc.org/join.html#ares	2 nd Thursday 06:30 pm	Weber Co. Library Ogden Utah
WC Sheriff Comm-O		1 st Saturday 09:00 am	Weber Co. Sheriff Complex West 12 th Street Ogden Utah
Barc	barconline.org	2 nd Saturday 10:00 am	Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut
CSERG	dcarc.net/ares.htm/	Last Wednesday 8:30pm	Clearfield City Hall Clearfield Utah
Dcarc	dcarc.net	2 nd Saturday 10:00 am	Davis Co. Sheriff Complex Farmington Utah
NU Ares	home.comcast.net/~noutares/	3 rd Wednesday 7:00 pm	Cache Co. Sheriff Office Logan Utah
Uarc	xmission.com/~uarc/	1 st Thursday 7:30 pm	UofU EMC Bldg Room 101 Salt Lake City Utah
Ubet	27meg.com/~k7ub/	4th Thursday 6:30 pm	BE-Thiokol: 24 East 100 South Brigham City Utah
Utah DX Association	udxa.org	3 rd Wednesday check web page for details	check web page for details Salt Lake City area
UvhfS	ussc.com/~uvhfs/	Each Tuesday 8:00 pm (refer to web site)	Weekly 2 meter net (no eye ball meetings)
WD Arc	westdesertarc.org/	1 st Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	arcweber.edu	3 rd Thursday 5:30 pm	WSU Blding #4 Room ? Ogden Utah

LOCAL AREA NETS

DATE	CLUB	FREQ
Daily @ 12:30 PM 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 @ 8:45 AM	Ogden Old Timers HF net	7.193 Mhz HF LSB
Sunday @ 7:30 PM	UBET ARC	145.430 - 123.0 (training net)
Sunday @ 8:30 PM	SATERN Net	145.900 - 123.0
Sunday @ 9:00 PM	Morgan	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 @ 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 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 @ 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

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Vice Pres: Kent Gardner WA7AHY
Secretary: Chad Roylance KD7WQS
Treasurer: Jim Southwick N7JS

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Editor: Val Campbell K7HCP
Photos: Maggi Campbell N7HCP

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