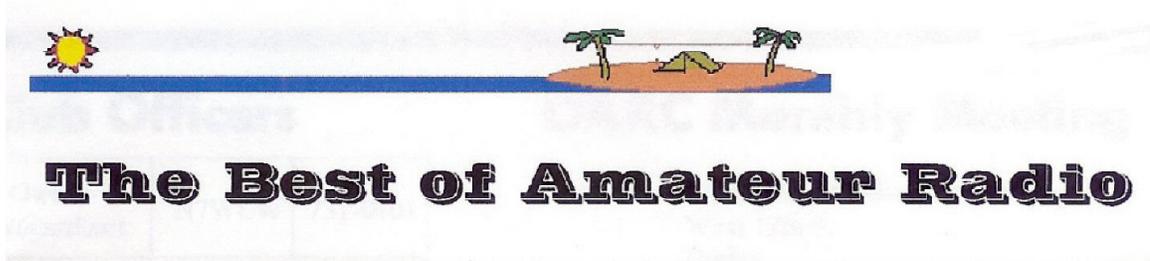




WATTS NEWS



Welcome to the OARC e-Magazine

www.OgdenArc.org

MAY 2007

Next Club Meeting

3rd Saturday May 19, 2007

Topic: Special Event - Scout-O-Rama



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 N7ZI
Past Pres - Advisor



Val Campbell K7HCP
Webmaster/Editor

PREVIOUS CLUB MEETING

3rd Saturday April 21, 2007

We have three things to cover this month so lets get started.



1. Club meeting - Saturday April 21, 2007 Stan Sjol WOKP

The April meeting was held at the Riverdale Fire Station as usual. This month Stan Sjol WOKP presented the topic of "Amateur Radio Operator Awards". Stan covered an overview of some of the more popular operating awards available to Amateur operators. Whether you are newly licensed, new to HF operation or an old timer, if you were present, you found it an interesting source of "wallpaper" that is available to you.

Amateur Radio Operating Awards:

ARRL Sponsored Awards:

- WAS - Worked all States (50 states)
- WAC - Worked all Continents (6 continents)
- DXCC - Century Club (100 of the 337 possible countries in the world)

CQ Sponsored Awards:

- CQ DX 100 - Worked 100 Countries Award
- CQ WAZ - Worked all Zones Award (40 CQ zones)
- CQ WPX - Worked all Call Sign Prefixes Award
- CQ USA/CA - Worked all USA Counties Award (3077 counties)

Other Awards:

- Various QRP Awards
- OMISS Club Awards
- Ten-Ten International Club Awards
- International Radio Society Awards
- Worked all UTAH counties Award - (29 counties)

Amateur Radio Contests:

Various Highest score in class or section/state

Easiest - Special Events Stations (usually only a single contact required)

QSL Cards - Methods:

- Direct Mail w/SASE
- QSL Bureau - In bound bureau & Out bound bureau
- QSL Managers (DX expeditions & special DX operators)

Electronic QSL's:

- ARRL Log Book of the World (LoTW)
- eQSL - usually NOT authorized by many others

April Door Prizes (22)

N7KH - KAY
KK7UD - ALAN
N7HCP - MAGGI
AD7GL - LARRY
KE7HPQ - DAYLONG
N7VCY - ROBERT
N7JS - JIM
N7ZI - GARY
K7HCP - VAL
KE7IES - BRETT
K6IGU - DARWIN

K7TIP - TIM
KC7MLI - MORRISON
KD6PKJ - MICHAEL
WA7AHY - KENT
KE7EOZ - EMILSE
N7EGA - RICK
KE7LVE - ARNOLD
KD7PAW - JEFF
N9NZ - MIKE
KC8FTV - ROBERT
NT7Y - EARL

2. The 7th Call-Area QSO Party - 2007 Experience

Earlier this month the 2nd annual 7QP contest was held for the second time in as many years. It is sponsored by the Central Oregon DX Club N7LE. Stations from all the counties of all the states located in the 7th call area hopefully participated. The Ogden Amateur Radio Club station call sign W7SU was on the air representing Weber County Utah. Be sure to read the CURRENT EVENTS article below for details surrounding this exciting event.

3. ENERGY SOLUTIONS - FIELD TRIP

On Saturday April 28 several members, family and friends of the Ogden Amateur Radio Club joined Energy Solutions for a chartered tour of their storage site near Tooele Utah. Thanks to Kent Gardner WA7AHY for arranging this very interesting tour. Be sure to read the FEATURE ARTICLE below for details surrounding this special event as well as view the two pictures of the tour below.

Next Club Meeting / Special Event

When: 3rd Saturday May 19, 2007
Time: 8:00 AM to 2:00 PM

Location: Weber County Fair Grounds

Topic/Activity: Scout-O-Rama - Special Event

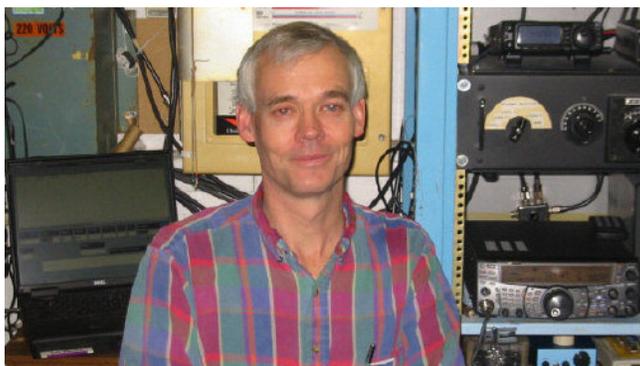
Talk-in: -146.90 (pl=123)

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



A MESSAGE FROM OUR PRESIDENT

Mike Fullmer KZ7O



It is May Flowers time. April showers bring May flowers they say. I did not see a lot of April showers however.

I think those that made it on the Energy Solutions Tour were impressed and came away with some new knowledge. I sure did. There really was not too much to see in reality, which I guess is good. I expected to see more "stuff", but all that is at the place is some piles of rocks and some buildings. The nice tour host spoke for most of the bus trip out to the site. It took an hour to get there from downtown Salt Lake City. I would like to thank Kent for arranging this. We had 25 people that showed up, if I counted right. I was a nice tour bus and box lunch.

Stan spoke last month about different awards that are available for HF operating. There are lots of them to encourage hams to turn on their HF rigs. I enjoy HF a lot. I do not have much time for getting on the air, but I manage to find time now and then to just make a CW contact, or work someone in some far off place sitting on some rock pile in the middle of the Pacific. I enjoyed making a few contacts this past weekend (May 5) for the 7QP activity. This is the 7th call district QSO party. It is the second year. I was not home, but was in the big City of Ephraim (Sanpete County) all that day. I took a small Yaesu FT-100D in the car, put my mobile 20 meter antenna on top of the car and made about 20 contacts sitting in a parking lot. HF mobile antenna's are not what one would call a highly efficient antenna, especially when the HF bands are so poor, but it worked. I made lots of contacts to Washington state, a few in Oregon, Arizona, Nevada, and Montana and several from across the nation.

There is no "regular" meeting for May because of the conflicts with schedules. The Ogden Marathon is that day and the Scout Jamboree at the fair grounds is also that day. The club will be setting up a station for the Jamboree at the WC fair grounds. Thanks for those that volunteered to assist with this. Come by the fairgrounds and see us between 8AM and 2PM (approx).

We will have a meeting in June on our normal meeting day (3rd Saturday) to make last minute plans for field day. Field Day is June 23 and 24. Put it on your calendar and find out what field day is about. See the web site for complete details.

That is it for this month

73s,

Mike, KZ7O

CLUB NEWS

Congratulations to the following Hams that were either licensed for the first time or upgraded to a higher class license recently.

Beth Harrington (General) KE7ELF

AR HOBBY NEWS - 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

If you have ever read any IBM Corp publications you probably have seen the following notice:

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I couldn't resist.

CURRENT EVENTS

The 7th Call-Area QSO Party - 2007 Experience

It was Friday May 4th 2007, the night before the big event - The 7th Call Area QSO Party. My old Yaesu FT-757 GX II was on the frits. It was acting up with a weird RF problem but I finally got the problem fixed, and just in time. Also, to support logging this contest, I just installed N3FJP's ALog program. I chose to use this program since the Ogden Amateur Radio Club uses N3FJP's Field Day logging program every year at the OARC Field Day event.

I thought to myself, I wonder if any one is going to show up here at the Harrington QTH to help operate this contest since we volunteered to host Weber County and put the Ogden Amateur Radio Club on the air during this annual event. I was originally scheduled into work that day so that I could earn additional money to fund travel to a family reunion at Tom's River New Jersey later this year. I hope they do come, but then again I hoped they would not because ...Oh... the shack was still a real mess. But then, whose isn't?

The next morning, the 5th of May came quickly and I was only half awake at 7 AM when I stumbled in to the shack, turned on the radio to 20 meters and started contesting. I searched around the band and found a little bit of activity. My first contact was rough: This is AF7J. What's your county? What's your call? Then I logged it as a contact for my call sign, AF7J. I then asked my wife Beth if any one else had showed up yet. She said No. It was then that I realized I should not be so shellfish as to just operate under my own call sign so I opened up a second Log DB as a OARC (W7SU) log. Immediately I returned to the radio and worked the same station again with the club call sign.

As afternoon was approaching, Beth KE7ELF asked if she should go get some fast food for lunch but we decided to wait to see if anyone showed up to help operate. Beth made some contacts on the radio and then she switched to keeping track of the logs, which really helped. Eventually we couldn't wait any longer for lunch so Beth went to get Mexican Food from Betto's. It was very delicious.

By the time it was over we made a total of 75 contacts for the club call sign W7SU and 50 for my call sign AF7J. "What An Experience".

Couldn't help but wonder "How much more fun it could have been if YOU could have been there also?

Tom Harrington AF7J
Beth Harrington KE7ELF

FEATURE ARTICLE

ENERGY SOLUTIONS - FIELD TRIP

Ever since Energy Solutions appeared on the radar screen when they bought the naming rights for the Delta Center in Salt Lake City, many questions arose as to who they were and what they did. In an attempt to educate the Ogden Amateur Radio Club (OARC) a field trip/tour was planned for 28 Apr 07. Arrangements were made through Karen Watson, Administrative Assistant at Energy Solutions. A group of 28 club members, some with families, were able to make the trip. The trip was deemed safe even for young children. The group arrived separately at the Energy Solutions office near 3rd South and 4th West in Salt Lake and boarded a special bus for the company sponsored tour to the Clive facility in Tooele. A special request from the club resulted in a bus that accommodated members in wheelchairs. The group is shown in the accompanying photo (#1).

It took about an hour to travel out past the Great Salt Lake to Hazardous Industry District area where their Clive facility was located. On the way out we were briefed, on the bus loudspeaker, by Bette Arial, Director of Legislative and Community Affairs. She laid out the groundwork for what we would see on the tour and also dispelled some rumors and misinformation that we had. Questions were frequent. Some of the concerns had to do with the levels of radiations they handled and what the safety factors were.

We learned the following interesting facts during the field trip:

1. They only handle "low level radiation (or lower) rated as Class A. Class A low-level waste loses its radioactive hazard in less than 100 years through natural decay. The waste is mostly contaminated soils, building debris and uranium mill tailings (like the Utah Vitrol site) from Dept. of Energy and superfund sites.
2. Some typical exposure levels are as follows:
 - a. Average U.S. Citizen from background radiation - 360 Millirems
 - b. Tobacco smoker - 13,000 Millirems
 - c. Commercial airline - 160 Millirems
(high altitude less protection)
 - d. CT scan - 110 Millirems
 - e. Energy solutions waste worker (average) - 8 to 15 Millirems
 - f. Using a computer - 1 Millirems
 - g. Person with porcelain crowns or false teeth - .07 Millirems
 - h. Person living within 50 miles of a coal fired power plant
- .03 Millirems
 - h. Living within 50 miles of a nuclear power plant - .009 Millirems
3. Naturally existing radiation comes from Granite which is abundant in our mountains.
4. Metal waste is chopped up to a manageable constitution and is buried. Dirt etc. and other wastes are buried in special areas protected by berms. The sites are built to last the hundred years before losing it's radiation.
5. The users/owners still maintain their ownership and responsibility of their waste even though buried in the Clive site. Energy Solutions provides the technology to make it manageable and safe for that period of time.

The accompanying photo (#2) shows the layers that are used to provide adequate protection.

The layers of the engineered embankment consist of a layer of low-permeability clay compacted to meet strict compaction standards which is called the radon barrier; a second layer of the same type of clay compacted to the same standards called the sacrificial soil because it is allowed to go through the freeze/thaw cycle which tends to deteriorate it a bit and thus protects the radon layer; then a layer of gravel is placed to shed rain; and finally, a layer of large cobble or rip rap that acts as armor to prevent animals from burrowing or vegetation from growing.

Waste comes to the site by special covered trucks and rail cars that meet Dept of Transportation safety standards.

While many of us had trepidations concerning radon gas and significant levels of radiation, we probably came away disappointed that levels weren't higher as depicted by anti-nuclear organizations.

On the way back we leisurely enjoyed a free box lunch, courtesy of Energy Solutions. We also learned who built the Salt Air Amusement Park along the shores of the Great Salt Lake. Ask any tour member who it was.

The club is considering other field trips. Some mentioned are a visit to a cable TV head end, a tour of the Dept. of Transportation control center in Salt Lake and a test firing of a rocket engine at ATK Thiokol. If you have any ideas for field trips for next year please make them known. Also mentioned was a club meeting talk regarding the methods used by the Port of Entry to read the status of equipped trucks and pass them on without their having to stop. Where would you like to visit?

See you at our next field trip.

Submitted by
Kent Gardner WA7AHY

ANNOUNCEMENTS

Next Club Meeting:

3rd Sat May 19, 2007

- The Ogden Amateur Radio Club meetings are usually held on the **3rd Saturday** of each month.
- **Time: 8:00 AM to 2:00 PM**
- **Location: WC Fair Grounds**
- **Topic/Activity: Special Event
Scout -O- Rama**
- **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 06, 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 (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
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	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 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	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 2-meter USB
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	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
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: 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

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