



WATTS NEWS



The Best of Amateur Radio

Welcome to the OARC e-Magazine

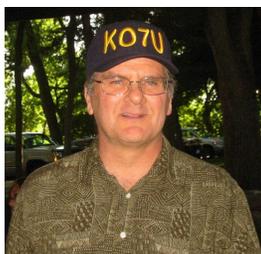
www.OgdenArc.org

JUNE 2011

Next Club Meeting/Activity

Saturday/Sunday 25/26 June 2011

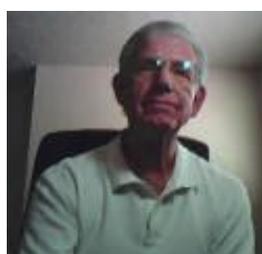
Topic: ARRL Field Day Event



Kim Owen K07U
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Val Campbell K7HCP
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PREVIOUS CLOUB MEETINGS

Saturday 21 May 2011

Golden Spike review & Field Day prep

The meeting this month was a review of the Golden Spike Special Event Station activity held at the Golden Spike National Park from May 7 through May 10th. Those present were treated to a power point presentation of a collection of pictures taken by various attendees throughout the activity. If you missed this meeting you can still review the event photos on the club website.

The remainder of the meeting was another power point presentation of last year's Field Day activity and planning for this year's event. Check the club website for details, time and place.

ARRL Field Day - hosted by Ogden ARC **NEW!**

Date: 4th Saturday 25 May & 4th Sunday 26 May June 2011

Time: **Noon Saturday to Noon Sunday**

Location: Field Day Site [MAP](#) <<< [Uintah City Town Park](#)

Activity: **ARRL Field Day** - hosted by Ogden ARC

Note: **Dinner main course and drinks provided ... 6:00 pm Saturday evening.**

However ... Please bring a side dish to share (salad, fruit, desert, side dish, no chips please).

Don't forget to bring your own dinner-ware (paper-ware provided),

Hope to see you there!

"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**.

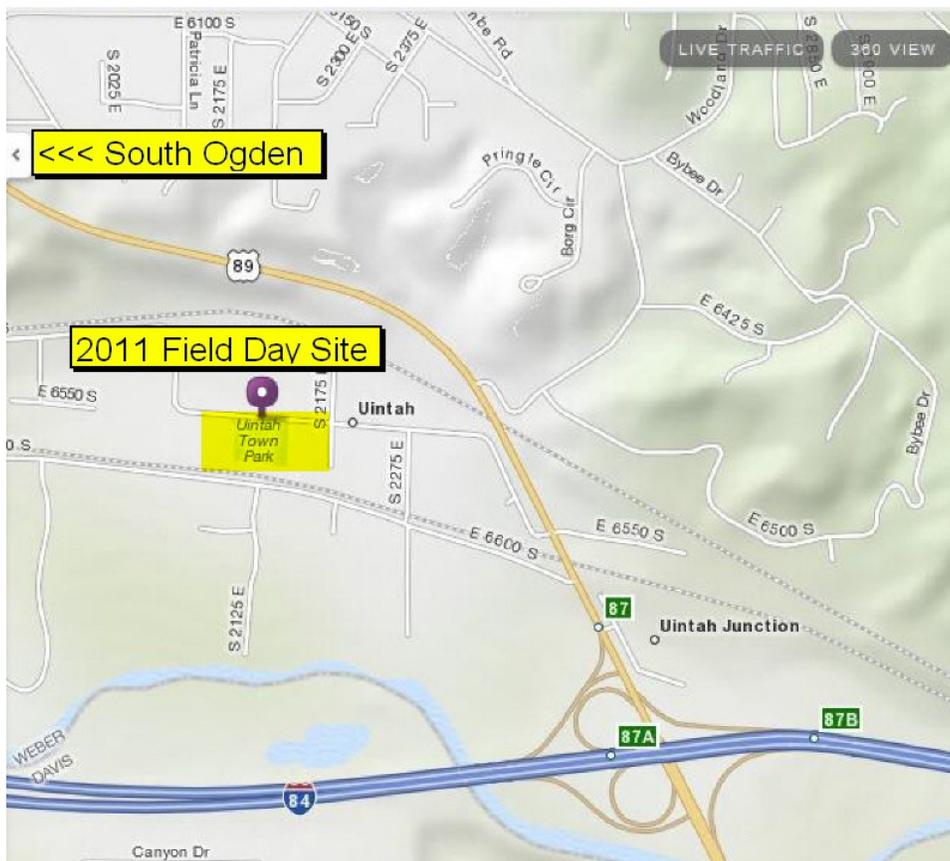
NEXT CLUB MEETING

When: Saturday/Sunday 25/26 June 2011

Time: Noon Saturday to Noon Sunday

Location: Uintah City Town Park (see website for MAP and details)

Topic: ARRL Field Day Event



We could use your help in setting up for the event starting Saturday morning at 9 AM. We have two G5RV antennas to set up and two operating stations to assemble. On the air operations start promptly at NOON on Saturday and run continuously, over night until NOON on Sunday.

Of course, don't forget the Saturday evening Dinner at 6 PM. Please bring a "dish to share" (salad, fruit, side dish, desert, no chips please).

Come out and participate. We promise you will enjoy it!

FROM KIM'S SHACK



Kim Owen K07U - President

From Kim's Shack.....

CQ ALL Members and Friends of OARC

24 hours of RF chaos starts at noon on Saturday, the 25th of June! That is the last full weekend in June and that is Field-day. The first Field-day took place in 1933. OARC was first affiliated with ARRL in 1937. That's 74 years of Field-day contesting for OARC members and WE get to be part of that legacy.

A special thanks to our Field-day Chairman, Gilbert/KF7KPL for his efforts putting Field-day together this year. Good job!

Saturday morning we will be setting up two HF stations in Uintah City Park and will need some help, come early. Sunday afternoon we will also need some help taking down the stations and clean up.

If you have never worked HF before, this is a great opportunity to watch, work and rub shoulders with club contesters. We need operators and loggers.

In our last club meeting, we had many who expressed interest in CW. We are going to be operating CW too. For those of you who have been attending Stan's/WOKP CW class and working on your code, you can operate CW for the club. Remember we get two points for each contact in CW. If you have CW interests, come out and watch, copy, log or operate the key. It's fun.

Perhaps you might like a less intimidating mode; we will be ready for PSK31 operators too.

Don't worry about your frequency pledges because you will be using the club call sign (W7SU). That will give you ALL HF frequencies. It's a lot of fun!

As a minimum, don't miss the barbeque Saturday night.

For now,

CQ FD de W7SU k

73 de Kim/K07U

HOBBY NEWS

FEMA Admin Praises Hams

By Dan Romanchik, KB6NU

At the Earthquake Communications Preparedness Forum, held on Tuesday, May 3, 2011 in Washington, DC, FEMA Administrator, Craig Fugate, had some kind words to say about ham radio. He noted that ham radio really is valuable "when all else fails."

The Web page describing the conference <<http://www.fcc.gov/event/earthquake-communications-preparedness-forum>> has a video of all the talks given at the conference. Fugate's remarks begin at the 18:45 mark. His remarks about amateur radio start at about 29:20.

I think it's great that the head of FEMA thinks so highly of hams. Before you get all excited about this, though, listen to all of Fugate's comments. He has some interesting comments about all of the different ways that responders gather information and provide information to the public in an emergency. I think listening to all of the remarks will help give those of you who are involved with emergency communications more of an overall perspective, and may even help you evolve our role into something that's more useful in the future.

At one point, for example, Fugate held up a cell phone and told the audience to think of this device as both a data point and a sensor. Folks with cell phones can help emergency responders by sending video and audio of the situation, preparing the responders for what to expect when they do arrive. I don't know how many ARES/RACES groups have incorporated video into their emcomm plans, but it sounds like it should be.

Also important, says Fugate, is a solid knowledge of communities, local geography, and place names. I'm not sure if that's normally a part of emcomm training, but it sounds like it should be.

I'll be the first to admit that I'm not an emergency communications geek, so perhaps I'm talking through my hat. It seems to me, however, that it's important to listen to what guys like Fugate are saying and work with them to make amateur radio even more relevant and useful in emergency situations.

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When he's not pondering the state of ham radio, you'll find KB6NU teaching classes; working on WA2HOM, the ham radio station at Ann Arbor's Hands-On Museum (www.wa2hom.org), or operating CW on the HF bands. You'll find his blog at www.kb6nu.com, or you can e-mail him at cwgeek@kb6nu.com.

FEATURE ARTICLE

MYSTERY ANTENNAS

By Stan Sjol - WOKP



Some of you may have noticed the antennas on the south side of the road near Corrine on the way to the Golden Spike site and wondered what they are and what their purpose is.

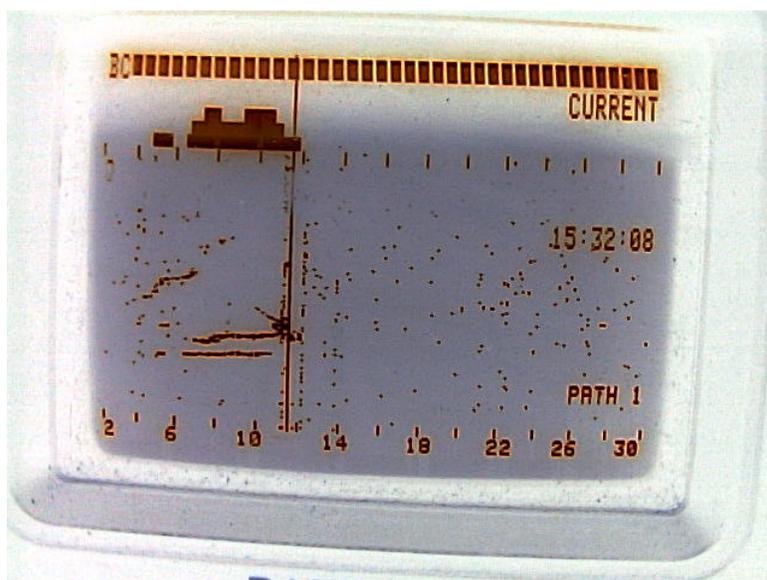
To answer the what part, the beam looking antenna on the tower, that has what looks like a section of tower for a boom, is an HF log periodic antenna. The other antenna that has a center mast and is in a tepee shape is a broadband NVIS antenna. The NVIS is a bigger brother to the 651T antenna we have used for Field Day the last few years. Both were made by a company named TCI.

The purpose of the site west of Corrine was to provide radio signals for testing chirp-sounder receivers. The site was constructed by BR Communications located in the Bay area of California. BR Communications manufactures chirp-sounder receivers and transmitters for real time propagation testing. BR Communications was bought by or merged with TCI. The chirp-sounder transmitters which run about 100 watts of RF output are located at many sites around the world. They sweep from 2 to 30 Mhz or 2 to 16 Mhz in a five minute time frame.

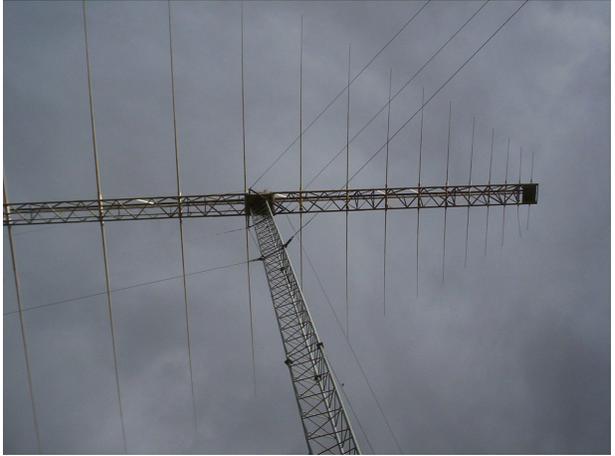
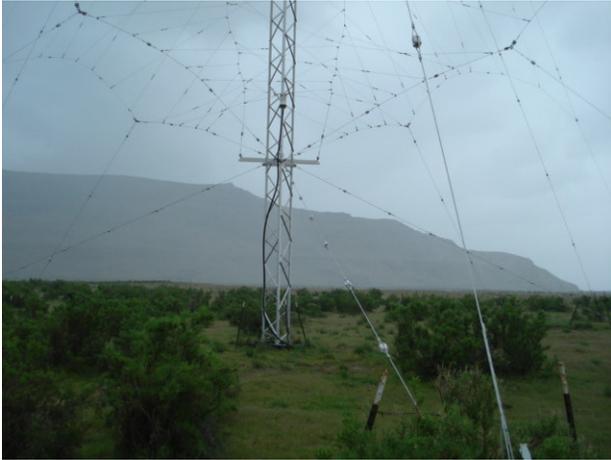
Most of us have heard them sweep through as we monitor the HF bands. Each of the transmitters sweep starting at a specific time slot and the receivers are set up to start their receive sweep to coincide with a particular transmitter. If the receiver is able to hear and decode the transmitted signal at any time during the sweep, a trace is displayed on the receiver's CRT screen. From the completed sweep display, a trained eye can determine the frequency range which propagation is possible between the two sites as well as whether the signal was by ground wave or by atmospheric reflection. The systems are used by several countries around the world to determine the best signal paths for communications. They are also used by universities for propagation studies.

My involvement with TCI/BR was strictly as a volunteer. I had access to the key to the site and a letter from the company authorizing me to be there. I was called upon several times to travel to the site to reset the transmitter that had been bumped off the air due to power failures etc. During the time I was involved with the site, only the wire antenna was used. Originally there were two log periodic antennas at the site. One of the towers with a log periodic on it fell to the ground at some point and still lays in a tangled mess.

The remaining log periodic antenna is missing its feed line. A couple of years ago, the power switch on the transmitter failed. Rather than repair it the company opted to abandon the site. They had me shut down all power to the site and lock it up. I think they just did not want to keep paying the monthly power bill. The key was returned to them. The power company has since pulled the power drop to the building.



Typical receiver display showing propagation from about 7 to 12 Mhz



ANNOUNCEMENTS

Next Club Meeting:

Saturday/Sunday 25/26 June 2011

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

- **Time: Noon Sat to Noon Sun**
- **Location: Uintah City Town Park**
- **Topic: ARRL Field Day Event**
- **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.
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Next Weber Co VE Test Session:

1st Wednesday 05 October 2011

- 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 County Sheriff Office
(Training room)
721 W 12th Street Ogden UT**

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	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-	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
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
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 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
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 @ 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	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 @ 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: Kim Owen KO7U
Vice Pres: James Clarke KD7SWL
Secretary: Larry Griffin AD7GL
Treasurer: Jeff Anderson KD7PAW

Program Director:
Justin Doxford KE7ROQ

Activity Director:
Jamie Howell KF7LQY

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

OTHER CLUB APPOINTMENTS

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Historian: Kent Gardner WA7AHY
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: Mary Hazard W7UE

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