



WATTS NEWS



The Best of Amateur Radio

Welcome to the OARC e-Magazine

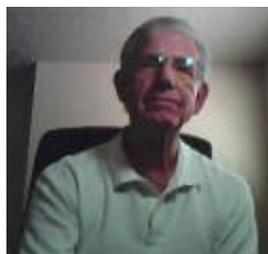
www.OgdenArc.org

NOVEMBER 2012

Next Club Meeting/Activity

3rd Saturday 17 November 2012

Topic: Cindy Yorgason - KE7HYL
(National Bicycle Race Marathon Official)



Larry Griffin AD7GL
President



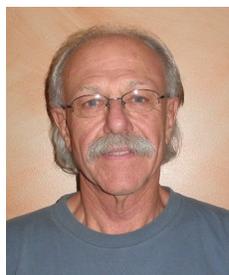
Gil Leonard NG7IL
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Rich Kennedy KF7VAQ
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Dave Woodcock WY7P
Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

PREVIOUS CLUB MEETINGS

3rd Saturday 20 October 2012

Date: 3rd Saturday 20 October 2012

Time: 09:00 am

Location: Riverdale Fire Station [MAP](#)

Topic: Mike Groves KD7MG presents "WSPR"





NEXT CLUB MEETING

3rd Saturday 17 November 2012

Date: 3rd Saturday 17 November 2012
Time: 09:00 am
Location: Riverdale Fire Station [MAP](#)
Topic: Cindy Yorgason - KE7HYL
(National Bicycle Race Marathon Official)

She is an Amateur Radio License holder and does a lot with bike racing. She will talk about how the two have been mixed and her involvement.

Cindy says...

I have a Mechanical Engineering Degree and moved to Utah from Ohio to work at the rocket factory. I have over 30 years as a Quality Engineer at different industries. I also became interested in cycling over 30 years ago and eventually became a Bicycle Race Official. I am now a National Level Official for event on both the Road and Track and work events across the US.

During my years as an official, I would occasionally come across an event that was using local ARC at their events. I would help them understand what we needed from them and eventually teased that "next year I would have my license". I finally got it, KE7HYL, and started to work other events that also used HAMS including the SL Marathon and new Utah Marathon.

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

QST'S and QRM from Larry's shack

The days of November are upon us already and as of this writing they have been unseasonably warm and pleasant for those of us living in the west. Others have not been so lucky as evidenced by the ravages of hurricane Sandy upon the east coast of our country. It would seem that emergency preparedness is playing an even greater role in our daily lives as our "new normal" weather patterns become more of an issue. I believe that our hobby, Ham Radio, begs to play a leadership role in planning for weather related events and other types of disasters and emergencies.

The 2012 ARES/RACES Utah State Conference was held on Saturday November 3rd at the Davis Convention Center. The conference hosted over 150 Ham operators from all areas of our State. You guessed it, the whole agenda was very timely as it relates to emergency preparedness. This especially in view of last week's issues with Hurricane Sandy. An excellent presentation and discussion on the mock earthquake disaster "the great shake out" was a significant part of the agenda. This exercise was held statewide this last spring and was great eye opener to many us of that participated. A presentation and discussion on experiences from that exercise was conducted by a representative ham operator from each county of our state. The positive experiences will be applied to the great shake out exercise that will be held in 2013. As you know, earthquakes have the potential to meaningful given the fact that we live on top of the Wasatch Fault.

Weber County hosts a very professional and well organized ARES/RACES Team. The team works many emergency events, emergency practice events, and many civic events as they relate to radio communications. The team is led by Lance Peterson, KD7OYA and Sal Salazar, KD7JRX. We would like to have more team members. If you feel that this would be a good fit for you, please contact Sal at 801.540.9079.

We are in for a treat during our club meeting on November 17th. Cindy Yorgason, KE7HYL, will talk to us about Bicycle Marathons and Ham Radio. Don't miss it. See you there.

Thanks and 73,
Larry

CLUB NEWS

NEW! Next OARC Technician Licensing Class ...

January 2013 - Wednesday evenings @ 7:00 PM

**Weber County Sheriff Office - Training room
721 West 12th Street, Ogden UT**

Next VE Test Session in Weber County ...

NEW! Test Location change

VE Test Session >>> 1st Wednesday 06 February 2013 @ 5:00 PM

**Weber County Sheriff Office - Training room
721 West 12th Street, Ogden UT**

Contact: VE Liaison - Rick Morrison W7RIK (morrisonri@msn.com) (801-791-9364)

(IT) - Jason Miles KE7IET

(Advisor) - Mary Hazard W7UE (w7ue@arrl.net) (801-430-0306)

Ogden Amateur Radio Club Technician Course 2013

When: January 2, 9, 16, 23, 30

Where: Weber County Sheriff Training room.
721 W. 12th Street, Ogden

Time: 7:00 P.M. to 9:00 P.M.

Cost: There is no cost to attend the course. Materials needed for the course can be downloaded in .pdf form for no cost from:

www.kb6nu.com/wp-content/uploads/2010/06/2010_Tech_Study_Guide.pdf

"No- Nonsense, Technician Class License Study Guide"

A limited number of printed manuals will be available for \$12.00 ea and will be bought back at the end of the class if returned in good condition.

Print, e-book, Amazon Kindle, and Barnes&Noble Nook versions are available at:

www.kb6nu.com/tech-manual/

Testing: There will be a test session following the course on Wednesday February 6, 2013 at the same location beginning at 5:00 P.M. Test cost is \$14.00 and will require two forms of I.D. Cost includes testing fee and license application to FCC. Walk ins are also welcome as are anyone wishing to up-grade. If upgrading, please have a copy of your license and any CSCE's.

Goals: The main goals of this course are to:

- Help students prepare for and pass their license examination
- Establish a basic understanding of radio, radio use, and operation.
- Prepare students to make their first radio contact.
- Introduce different operating modes.
- Help students find organizations to further their radio skills and opportunities
- Encourage further study of Amateur Radio

Who: This class is open to any interested individual.

Contact: ng7il@arrl.net Gil Leonard

Register: Pre-registration is requested but not required. Walk-ins are welcome. Please include:

Name and e-mail address, with "Tech Class" in the subject line.

Students: Students are expected to:

- Have access to manual listed above.
- Read appropriate chapters before class. First night chapters (Jan 2): "What is Amateur Radio?, and Electrical principles".

Class: The class time will be divided between; questions and discussion of chapters; short lecture relating to material studied or related aspect of Amateur Radio, demonstrations.

Questions: Please contact Gil Leonard NG7IL at ng7il@arrl.net

Web site: www.ogdenarc.org

MORE CLUB NEWS

Congratulations to the following who successfully licensed at the latest Weber County VE Test Session.

NAME	CLASS	New CALL SIGNS (now available)
Nilson, Randall D.	General	KF7YYQ
Branson, Gabriel	Tech	KF7YYO
Erickson, David	Tech	KF7YYN
Kippen, Nathan	Tech	KF7YYR
Lythgoe, James	Tech	KF7YYK
Madsen, Kendall	Tech	KF7YYJ
Merry, Kevin	Tech	KF7YYI
Nay, Brent	Tech	KF7YYM
Nay, Josette	Tech	KF7YYL
Nilson, Susan	Tech	KF7YYP

MORE CLUB NEWS

Submitted by Mike Fullmer KZ7O



Mt Ogden Repeater Site

This is a picture that Scott Willis KD7EKO took from the helicopter recently.

Scot and Mike are the OARC repeater engineers that keep our club repeaters at Mt Ogden and Little Mountain operational.

HOBBY NEWS

W1AW Receives Semi-Annual Antenna Inspection, New Antenna for 160 Meters

QST / ARRL HQ:

On October 24, Matt Strelow, KC1XX, and Andrew Toth of XX Towers came to Newington to inspect the antennas and towers at W1AW, the Hiram Percy Maxim Memorial Station, and W1HQ, the Laird Campbell Memorial HQ Operators Club.

In addition to the annual autumn inspections, they also repaired some of the W1AW antennas. Strelow and Toth replaced the 160 meter dipole located atop the Rohn 65 (120 foot) tower.

The antenna -- used for both station broadcasts and visitor operations -- was damaged in a windstorm a few weeks ago. "I'm happy that we now have a new 160 meter dipole," said W1AW Station Manager Joe Carcia, NJ1Q. "I missed W1AW being active on 160 meters, as did other radio amateurs. The station's 1300 W 160 meter signal now has someplace to go.



Picture Caption:

Andrew Toth (foreground) installs W1AW's new 160 meter dipole, while Matt Strelow, KC1XX, repairs the 80 meter cage insulator on the satellite tower during the semi-annual W1AW antenna inspection on October 24. [S. Khrystyne Keane, K1SFA, photo]

FEATURE ARTICLE

By Dan Romanchik, KB6NU

QST publishes a column every month towards the back of the magazine that highlights from issues 25, 50, and 75 years ago. Now that the QST archive is online, it's really worth taking a look at these articles. Here are a few that caught my eye in October:

October 1937

* Modernizing the Simple Regenerative Receiver (http://plk.arrl.org/pubs_archive/19076) by Vernon Chambers, W1JEQ. This a nicely-designed and built regen using two tubes, a 6K5 pentode and 6C5 triode. I'm going to keep this design in mind if I ever get around to playing with all the tubes I have. As an aside, I searched on W1JEQ's callsign and found out that he wrote 87 articles for QST from 1936 through February 1958. This was his third article.

* Concentrated Directional Antennas for Transmission and Reception (http://plk.arrl.org/pubs_archive/19078) by John L. Reinartz, W1QP, and Burton T. Simpson, W8CPC. This article describes two different antennas. The first is a half-wave loop antenna that the author says works on 2-1/2, 5, 10, and 20m. The second is a square loop antenna called a "signal squirter" for 14 Mc.

October 1962

* In "New Apparatus" (http://plk.arrl.org/pubs_archive/46246) on page 27, a key made by J. A. Hills, W8FYO, of Dayton, OH is shown under the heading, "New Key Mechanism for Electronic Keyers." The photo clearly shows a key whose design was adopted by Bencher for the BY-1 paddle.

* The Towering Problem (http://plk.arrl.org/pubs_archive/46122) by Jay Kay Klein, WA2LII clearly shows that putting up towers have always been a problem for amateur radio operators. This is a humorous take on the problem. What's notable is that this type of humorous article almost never appears in QST anymore. Amateur radio seems to have lost its sense of humor, or at least its cadre of humorous writers.

October 1987

* Stalking Those Fugitive Components (http://plk.arrl.org/pubs_archive/81357) by Doug DeMaw, W1FB. Today, we often complain about the demise of local parts suppliers, but this article shows that this was a problem 25 years ago as well. W1FB gives some advice that I gave not long ago on my blog. That is, stock up on parts, especially when you find a good deal on them, and you won't have to scrounge around for them when you want them.

Digitizing all of the back issues of QST and putting them online is one of the things that the ARRL has done right. This is a wonderful resource for members. If you have a favorite QST article I'd love to hear about it. Please send me the title and the month it was published. My e-mail address is cwgeek@kb6nu.com. Thanks & 73.

When not perusing old issues of QST, Dan is the station manager for WA2HOM, the amateur radio station at Ann Arbor's Hands-On Museum. He also writes amateur radio license study guides. In fact, by the time you read this, the No-Nonsense Extra Class Study Guide should be available on Amazon. Just search for "KB6NU."

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday 17 November 2012

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

Time: 09:00 AM

Location: Riverdale Fire Station

Topic: Cindy Yorgason - KE7HYL
(National Level Bicycle Race Marathon Official)

- **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 06 February 2013

- 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 2013

**Weber County Sheriff Office
Training Room
712 W 12th Street Ogden Utah**

Contact: VE Liaison:

Rick Morrison W7RIK morrisonri@msn.com
(801-791-9364)

Jason Miles KE7IET
(IT)

Mary Hazard W7UE w7ue@arrl.net
(advisor) (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-	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

73 es cul de W7SU

www.OgdenArc.org