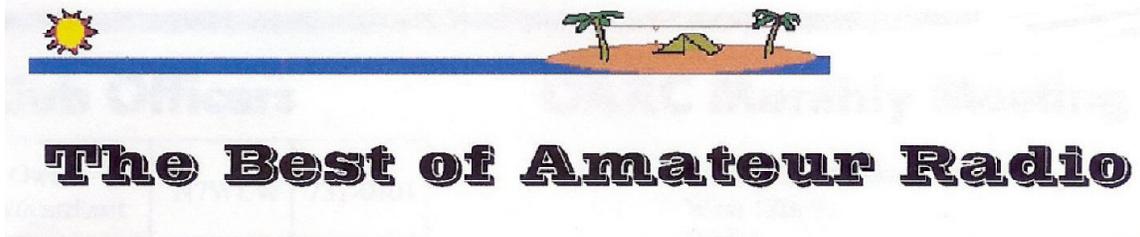




WATTS NEWS



The Best of Amateur Radio

Welcome to the OARC e-Magazine

www.OgdenArc.org

MAY 2006

Next Club Meeting

3rd Saturday May 20, 2006

Topic: APRS - by Greg Lundell K7UHP



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 N7ZI
Past President - Advisor



Val Campbell K7HCP
Webmaster/Editor

PREVIOUS CLUB MEETING

4th Saturday April 22, 2006

Northern Utah Hamfest

STANDARD EXAMINER - GO MAGAZINE (Friday April 21, 2006)

Hamfest tunes in Saturday Morning - April 22, 2006

SOUTH OGDEN

No pork barrel goings-on here, just plain old ham - as in "ham radio".

The Northern Utah Hamfest is 8 a.m. to 1 p.m. Saturday April 22, 2006 at the Browning Armory, 625 E. 5300 South.

The event offers educational material as well as a swap meet for enthusiasts, says Jim Southwick, -treasurer of the sponsoring Ogden Amateur Radio Club.

A class on satellite operation begins at 9 a.m. At 10 a.m., learn how to build a small transmitter. At 11 a.m., a contest tests your skills in sending Morse code with your left foot.

Folks can also upgrade their licenses or obtain licenses at the testing center.

Lunch begins at noon with keynote speaker Kevin Reeve, president of the Bridgerland Amateur Radio Club. Participants may sign up to attend the lunch upon arrival at the event.

Admission is \$5 per person or \$10 per family. An ICOM IC-718 HF ham radio is one of several door prizes. For more information call 731-7573 or visit www.ogdenarc.org.

If you missed this years Northern Utah Hamfest you missed out on an especially fun event. This is the 3rd year that the Ogden Amateur Radio Club has sponsored the event and each year just gets better and better.

The Standard Examiner ran the article printed above in the Friday edition of the Go Magazine - newspaper insert. Adds were also run on the Comcast Ogden local community channel prior to the event.

It all started promptly at 7 am when the sellers started setting up their tables. Others started arriving at 8 am and then the trades began. Kim Owen KOTU setup and operated a special event station using the club call sign W7SU. On the top of each hour Tuna Tin II QRP transmitters were given away as door prizes and at 10 am we held a Tuna Tin assembly/soldering seminar upstairs.

The 1st seminar was held at 9 am where Mark Moulding KUTZ gave a wonderful presentation on Satellite Operations. At 10 am Mary Hazard started the VE Test Session where promising new amateurs took examinations to enter the wonderful world of Ham Radio or to upgrade to a higher class license. See details and pictures of VE Test results later in this newsletter. At 11 am, Mike Fullmer held a QLF contest. What's a QLF contest you ask? That is where you (attempt to) send morse code with your LEFT FOOT. Wow!, and it's not as easy as you might think. The winner... a tie between Matt KB7QLT and yours truly Val Campbell K7HCP.

At noon, our key note speaker, Kevin Reeve N7RXE, BARC president, spoke to us about last years LOTOJA, and the Bridgerland Amateur Radio Club emergency communications support effort.

Then the Grand Door Prize Raffle - an **ICOM 718 HF 100 Watt Transceiver w/DSP**.

The winner ... Congratulations to John Lloyd K7JL.

NUHF VE TEST SESSION

April 22, 2006

Mary Hazard (VE Liaison) reports the following NUHF - VE Test Session activity.

Administered a total of 7 exams to 5 candidates.
With 4 passing scores and 3 failing scores.

See results and pictures below.
73, Mary, W7UE

New License or Upgrades

Congratulations to the following Amateur Radio Operators who were recently licensed or upgraded to a higher class license.

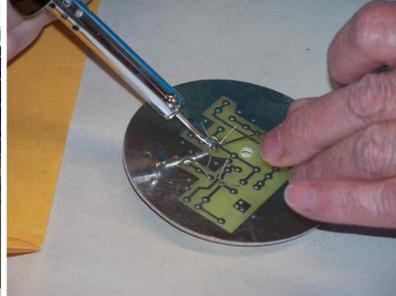
- KE7HPQ - Bill Daylong (new - Tech Class)
- KE7HPP - Steve Hilton (new - Tech Class)
- KB7TXM - Christopher D Nicholson (upgrade - General Class)
- KD7BIS - Michael V. Webster (upgrade - Extra Class)

NUHF VE TEST SESSION - PICTURES GO HERE



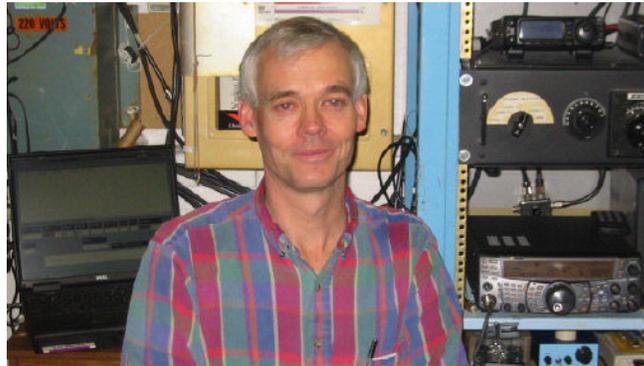
NUHF 2006 - PICTURES GO HERE

(More pictures on OARC web site "Photo Gallery")



A Message from our President

Mike Fullmer KZ7O



Well, it has been a busy April and for me it will be a very busy May. I have a daughter getting married the end of the month.

The Hamfest happened and I think it all worked well. There are always a few things that do not go as perfectly as desired, but overall it worked very well. The only way this works is because there are a number of individuals that help. It could not be done without all the help (of which we could always use more). I really appreciate those who assisted in any way to make it happen.

I would also like to say thanks those who helped provide communications support for the Ogden Marathon on May 6. I helped out with this for my first time. I am not a runner. I am a swimmer. I could swim around Pineview anytime but do not expect me to run. I love to walk and did a 30 mile back pack trip to Kings Peak (13,500 ft peak in Uintas) last year. But these things are not running. I think running 26 miles in one event is just a cruel thing to do to ones body. I learned a lot about what to do to help out next year from things I did or did not do this year so it was a good experience. It really is neat to watch

hundreds of crazy people running by and a few wheel chairs. The wheel chair people must have massive arms to keep those wheels going.

I hope a few hams got on the air during the QSO party on May 6. There was a lot going on that day. I feel real bad I was not able to participate. I wanted to get on the air, but to many other things got in the way. I hope those that went to Earls house for the club get together had a good time.

Our next club "party" is Field Day. This will be at the same place as last year, on the north side of Pineview. It is June 24th. There will be no regular club meeting on June 17 because of this.

There is our regular club meeting on May 20th. Look elsewhere in the news letter for information on this.

Well, that is it for this month. See you all on May 20th at the Riverdale Firestation.

Mike, KZ7O

THE OGDEN MARATHON

The Ogden Marathon was held Saturday May 6, 2006 which ran from Red Rock Ranch, South Fork Canyon to down town Ogden. Here are a couple of pictures of the event taken by Mike Fullmer KZ7O.



Repeater Update

A modification was made to the solar charger that charges the batteries at Little Mt. The solar controller now has several modifications. I would just call the modifications "upgrades" designed by yours truly. The latest modification will allow the trickle charge voltage to remain in the 13.3 to 13.7 volt area. The previous trickle charge voltage would stay in the 14.5 to 15 volt area after several hours of nice sunshine. This is higher than what the batteries should have. The charger should take the batteries to 14.5 volts during an initial charge but then let the voltage back down to the middle 13v area for trickle charging. When you listen to the auto announcements at the top of every hour on 448.575 it reads the battery voltage. The voltage now stays in the right area during the day. You may hear the voltage above 14v during the first couple of hours in the morning after

the sun comes up but the next hour it will have dropped back down. After the sun goes down the voltage will be in the 12.3 to 12.7 volt area.

The Little Mt repeaters ID announcements changed slightly also. They now say the PL tone required to access the repeater. This is 100hz for 448.575 and 123hz for 146.90. The auto announcements at the top of the hour on 448.575 disappeared for a few days because I messed up the programming while changing the IDs, but I finally figured out what I did and got it fixed.

If you are traveling to other parts of the state and want to know if there is a repeater there to access remember that the VHF Society has a complete listing of all repeaters in the state. You can find this link on our web site. Mike, KZ7O

CLUB NEWS

Next Club Meeting

When: 3rd Saturday May 20, 2006
Time: 09:00 AM
Location: Riverdale Fire Station
Topic: APRS - by Greg Lundell K7UHP
Talk-in: -146.90 (pl=123)

New OARC Members

Congratulations to the following Amateur Radio Operators who recently joined our club. For that OARC welcomes you. Hope to see you at our next meeting.

- **KE7HPQ - Bill Daylong**
- **KE7HPP - Steve Hilton**
- **N8VKP - Thomas McLaughlin**
- **W7DNI - Mike Petz**

New/Changed Call Sign Activity

Congratulations to the following Amateur Radio Operators who recently changed their call signs.

- **AF7J (KE7EEH) - Tom Harrington**

MORE NUHF 2006 - PICTURES GO HERE



MORE CLUB NEWS

Ham Radio Licensing Class - Code Free Technician*

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)

*** Note: If any are interested in learning the code, there will be a short session after each class is over and some additional instruction and practice during the two Saturday Makeup sessions.**

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: (7:00 pm to 8:30 pm)

- 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
(see map on web site)

Enter through rear door to seminary rooms. No smoking on Church grounds. There is no charge for the class. Handouts will be provided for study material. Some may want to purchase the ARRL "Now You Are Talking" manual.

VE Test Session and Location:

Wednesday June 07, 2006 at 5:00 PM

Weber Center 2380 Washington Blvd Ogden UT 84401

NOTE ... The June VE test session location may be relocated from the Weber Center to this class location to accommodate all those taking the class.

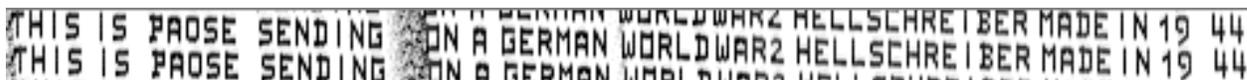
- Walk-ins welcome:
- Cost: \$14.00 per test
- Two forms ID, one w/pic
- Calculators allowed w/memory cleared
- VE Test Session contacts:
 - Mary Hazard W7UE
(801) 430-0306 w7ue@arr.net
 - Kent Gardner WA7AHY
 - (801) 475-6282 L7MFCC@Juno.com

AR HOBBY NEWS

The Bands Are Going to Hell! - Hellschreiber that is.

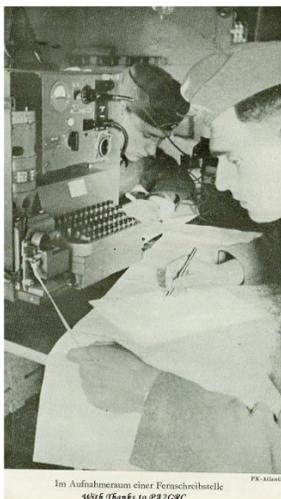
Here is your chance to operate one of the "new" digital modes that has a lot of history behind it.

For the past six or seven years I've enjoyed the leisurely pace of Hellschreiber, a digital mode that prints across your computer screen a bit like a fax, which is why it is sometimes dubbed the "fuzzy mode".



Feld-Hell chugs along at 25 wpm, and some software allows you to print simple pictures like smiley faces and stars. Mostly you'll find US operators who like to rag chew, but I've had some European DX contacts as well.

A RICH HISTORY There is a rich history to this mode, which was originally patented in 1929 by Rudolf Hell and used extensively in portable field operations during WWII. It eventually was employed by some news services and remained in use as recently as 1980. Unlike teleprinters, Hellschreiber machines had only two moving parts and so were mobile and dependable.



Im Aufnahmerraum einer Fernschreibstelle
W16 Handy 10-91298C

Today you don't need a Hellschreiber machine because of software by IZ8BLY, MultiPSK or the commercial MixW.

ANYBODY OUT THERE? Until recently, Hellschreiber enthusiasts were sometimes frustrated by the low level of activity in the mode. Then in March a Feld-Hell club was formed which has stimulated new interest in the old fuzzy mode. Membership is free and there are some achievement awards, links to a cluster that spots digital stations, a club newsletter and a weekly 20-meter net.



FRIENDS PRINTING FRIENDS
FRIENDS PRINTING FRIENDS

You can learn about the Hellschreiber mode, join the club and get links to software at <http://www.feldhellclub.co.uk/>.

FCC Resumes Issuing Vanity Calls

The FCC began issuing vanity callsigns again on January 4, after suspending the program for several months in the wake of Hurricanes Katrina, Rita, and Wilma. Hams (and other FCC licensees) in the affected areas were given extensions on deadlines for license renewals. Grace periods for renewing already-expired licenses were also extended, and this resulted in a freeze on making available for reassignment the callsigns of expired licensees who were beyond the grace period. Since these calls would normally be available to the vanity program, the FCC decided to put all vanity calls on hold during the extension period, which ended on December 22, in order to make sure that no one would be shut out of eligibility for a specific call.

CQ - February 2006

Amateur Enforcement

FCC closes file on repeater interference case: FCC Special Counsel Riley Hollingsworth on December 23, 2005, wrote Cirilo M. Alvarado, N6RZL, of Sacramento, California, to follow up on Alvarado's response to an earlier inquiry regarding a complaint of "debilitating interference" to the Amador County Amateur Radio Club's K6ARC repeater.

Alvarado's November 30 response to the FCC indicated his repeater operates 15 kHz below the complainant's frequency of 146.835 MHz and that it has been coordinated. He included a document from an ARRL Official Observer attesting to the repeater's proper operation as well as additional information.

Replying to Alvarado's response, Hollingsworth said Alvarado still had not shown that his repeater is coordinated. Nonetheless, he pointed out, §97.205 of the Commission's rules states that where there is interference between a coordinated and an uncoordinated repeater, "the licensee of the uncoordinated repeater has primary responsibility to resolve the interference."

Hollingsworth told ARRL that unless he receives further complaints, the FCC considers the case closed.

QST - March 2006

FEATURE ARTICLE

7th Area QSO Party

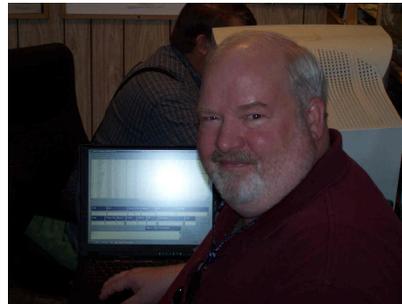
The 7th call area QSO Party was held on Saturday May 6, 2006. OARC participated by putting the club call sign W7SU on the air representing Weber County Utah during that event.

Several club members were welcomed to the QTH of Earle Sanders NT7Y where they put his amateur radio station to good use. We had the luxury of a station consisting of a full legal power limit amplifier and a multi-element beam on a 100 foot tower. WOW!

After several hours of operation that afternoon, we called it quits and retired to our homes but one member of the team just couldn't quit. Tom Harrington AF7J (previously KE7EEH) continued to operate from his home using the club call sign adding several QSO to the event club log. Over 100 QSOs were logged in all.

A special thanks to Earle NT7Y for sharing his facilities with us for this special event.

7QP CONTEST - PICTURES GO HERE



ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday May 20, 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:**
APRS - by Greg Lundell K7UHP
- **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: NOTE ... June test session location may be relocated to align with the current Tech class being held by Kent Gardner. (see article - elsewhere in this newsletter)

**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 mt	Utah Beehive net HF	7.272 Mhz HF LSB
Daily @ 07:30 PM mt	Utah Code net HF	3.708 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	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	CSEARG	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	3.920 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: Kent Gardner WA7AHY
Secretary: Chad Roylance KD7WQS
Treasurer: Jim Southwick N7JS

Director #1: Charles Horn KD7SST
Director #2: James Clarke KD7SWL

"WATTS NEWS" e-Magazine

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