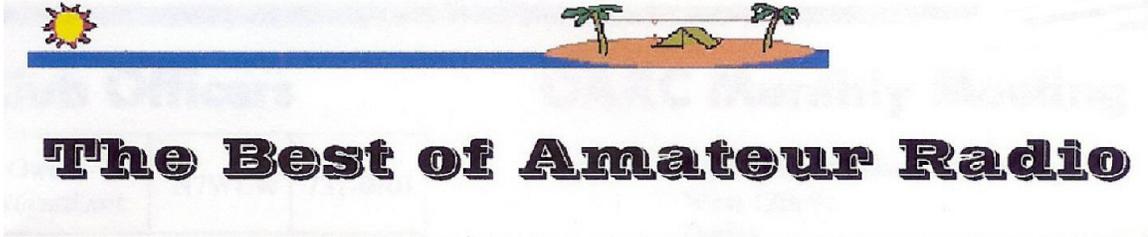




WATTS NEWS



Welcome to the OARC e-Magazine

www.OgdenArc.org

DECEMBER 2006

Next Club Meeting

3rd Saturday December 16, 2006; 6:00 pm

Topic: OARC Family Dinner



Mike Fullmer KZ7O
President



James Clarke KD7SWL
Vice President



Joan Fullmer N7OLZ
Secretary



Jim Southwick N7JS
Treasurer



Charles Horn KD7SST
Director #1



Kent Gardner WA7AHY
Director #2



Gary Liptrot NTZI
Past President - Advisor



Val Campbell K7HCP
Webmaster/Editor

PREVIOUS CLUB MEETING

3rd Saturday November 18, 2006

9/11 & Air Traffic Control by Jim Rudnicki NZ7T

9/11 and what the Air Traffic controllers were doing and Air Traffic control radios

- En-route air traffic control: How the radio end of it works & how we communicate over great distances
 - Hearback/readbacks: One great emergency - Fun stuff that will test your ears
 - How this all relates to how we hams do our work
 - 9/11: Q&A
 - Power Point Presentation: That morning - every aircraft in US updating every 3 minutes
 - What happened that morning & what had to happen to get everyone on the deck
-

Jim Rudnicki NZ7T has been an Air Traffic Controller for 31 years. He was trained by OARC club member Earle Sanders NT7Y, who retired from that profession several years ago. Jim works in the Salt Lake City Air Traffic Control Center "ZLC" which is located on the west side of SLC west of I-215. He is usually responsible for medium high altitude commercial airline traffic in the sector reaching northwest of SLC to the Oregon border. On a typical day there are 400 departures from SLC and during peak travel time, as many as 5500 airplanes are in flight at one time over the United States. He presented several graphics of air traffic which showed the wave of airliners traveling from the eastern coast during the morning hours towards western US destinations as the morning draws on.

ATC centers utilize 9 different radio systems to perform their daily activities to keep us safe as we travel the airways of the US. Local 'NAV-COM' Communications can be monitored on the AIR BAND which resides at 108 Mhz to 136 Mhz AM.

On September 11, 2001 it was a very sobering experience in the Air Traffic Control rooms throughout the US, and in SLC it was no different. For about an hour between 1345 UTC and 1445 UTC (about 8:00 AM MDT) the president of the United States ordered ALL airplanes in the US airspace, or in route to US airspace to be grounded immediately. There were over 4000 airliners in route to various destinations at that moment. In slightly over an hours time ALL planes were on the ground somewhere. Most not anywhere close to their destinations. As you may recall, this grounding lasted for many days to follow. Jim says it was freaky to be on duty at the ATC during those days that followed 9/11.

Visit the Airliners web site for some great airplane pictures: www.airliners.net

We thank Jim for taking the time to share with us fellow hams some of his exciting ATC experiences. It was also a great reunion for Jim and Earle that we all enjoyed together.

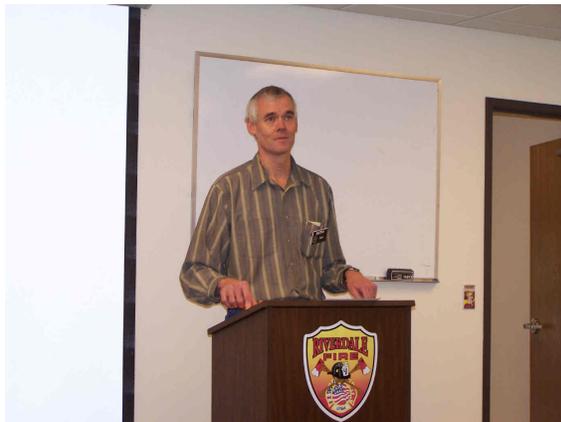
Thanks for coming. See you at the Family Dinner!
73, Val K7HCP

Congratulations

To the following OARC meeting Door Prize Winners this month!

- WA7AHY - Kent
- NZ7T - Jim
- AF7J - Tom
- K07U - Kim
- KE7EOZ - Emilse
- K7HCP - Val
- KE7JDG - Bill
- William Shafer

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





A MESSAGE FROM OUR PRESIDENT

Mike Fullmer KZ7O



It is the end of the year. The club has done well this past year. At least I think so. We could use a few more paid members, but other than that, the meetings and activities have gone very well. I would like to thank all the officers of this past year for the time they have put in to make sure the club functions and continues on serving the needs of the members. It has been a fun year and should be a fun year next year.

I would like to thank James for putting together the technician license class. I had a daughter and son in law in the class and they both passed their technician test on November 29th. Two more "hams" in the family. Mary does a great job organizing our test sessions also. I would like to thank her for this.

I first got my license when I was in High School a long time ago (1975) and have had 12 more family members get their technician license in the past 15 years. Not all of them use their license on a daily basis but that's ok. I am the only one that is on HF but I am kind of dedicated to the hobby. It's fun! I have lots of antenna's up in my yard for the birds to sit on.

Our meeting this month is our Christmas dinner on the evening of Dec 16th. Meet at

Eastern Winds for an all you can eat dinner. We are giving away our Christmas handheld. There will also be a few other gifts to be given away.

Winter is in full swing and so while the grass goes gray and the gardens sleep get out there and work on the outdoor antenna. Cold temperatures help electrons flow. Of course copper wire and aluminum poles also make the fingers cold, but that's ok, the fingers can warm back up.

For those of you that operate 80 meters remember that the band goes through a big change starting December 15th. The phone band has increased in size by a large amount. 40 and 15 meters also change, but not by as much. Still no word from the FCC on the proposed changes to eliminate CW from the testing requirements. The question pool for testing also changed to correlate with the new changes. So for those studying for an upgrade find the changes and mark up your book.

Well, Merry Christmas to everyone and hope you all enjoy the holidays. See you all at the dinner.

Mike, KZ7O

CLUB NEWS

Next Club Meeting

When: 3rd Saturday December 16, 2006
Time: 06:00 PM

Location: Eastern Winds Chinese Buffet - South Ogden
(See OARC website for MAP)

Topic/Activity: OARC Family Dinner

Talk-in: -146.90 (pl=123)

Congratulations

To the following OARC member licensed recently at our Weber Co VE Test Session

- Amylinn Fielding - Tech Class (KE7KAE)
- Jason P Fielding - Tech Class (KE7KAD)
- Kenneth B Mark - Tech Class (KE7KAH)
- Christian Michaelson - Tech Class (KE7KAF)
- Robert W Shafer - Tech Class (KE7KAA)
- Gist M Wylie - Tech Class (KE7KAG)

Welcome to Ham radio. We hope to see you at our next club meeting.

Congratulations

Carol Petz (previously KE7JBO) has a new call sign. She will be sporting the call sign previously assigned to her father-in-law. Her new call sign is W7DNH. Congratulations Carol.

MORE CLUB NEWS

Repeater Update

Little Mt still in upheaval. The controller was installed and died one week later during a lightening storm. Several people looked at the dead controller and all anyone can guess is that something got into it and fried it. It went down during our early snow blizzard in November when there was lightening in the area. The phone still was not connected so nothing could come in that way. The controller was sent back to the factory. The 70 cm repeater 448.575 is down and will remain down until the controller is reinstalled. But the 2 meter 146.90 is up and fully functional other than the auto-patch.

Mt Ogden is now snowed under, so let's hope all continues to work ok up there throughout the winter.

73, Mike KZ7O

OARC Volunteer Positions

- **QSL Manager - open**
- **VE Liaison - Mary Hazard W7UE**
- **Historian - Kent Gardner WA7AHY**
- **Historian Assistant - Gary Hudman KB7FMS**
- **Repeater Engineer - Mike Fullmer KZ7O**
- **Repeater Committee - Val Campbell K7HCP**
- **Equipment Manager - Val Campbell K7HCP**

Please consider volunteering for one of these functions. The club officers can't do everything that needs to be done to run our club efficiently and they desperately need your help.

Please contact any club officer as soon as possible.

Thank you in advance. Your OARC Officers

MORE CLUB NEWS

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 OARC Vice President 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

- 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 through the club will receive the new Repeater Directory valued at \$10.95 as a gift.
- ARRL renewals thru OARC also benefits your local club without additional cost to you.

If you want to [join ARRL](#), our club can retain \$15 for each NEW regular or senior membership and \$2 for each RENEWAL submitted. A NEW MEMBER is defined as any individual who has never been a member of ARRL or any individual who has not retained a membership for two or more calendar years prior to the application submission.

A RENEWING MEMBER can renew at anytime, even before their current membership term expires. If you're joining both the club and ARRL write one check payable to the club and mail both application forms to the club or contact our Treasurer: [Jim Southwick N7JS](#).

AR HOBBY NEWS

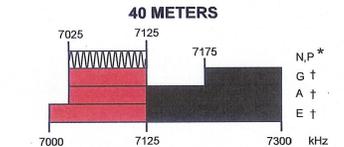
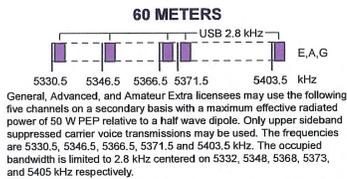
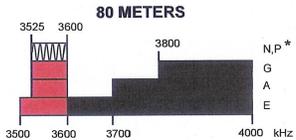
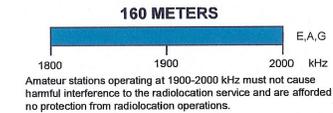
NEW ARRL FREQUENCY CHART - Effective December 15, 2006

http://www.arrl.org/FandES/field/regulations/Hambands_color.pdf

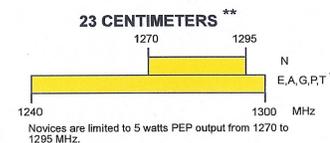
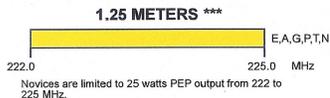
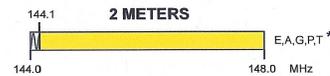
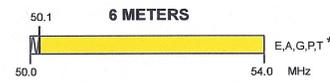
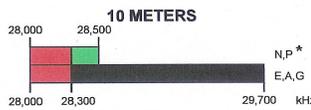
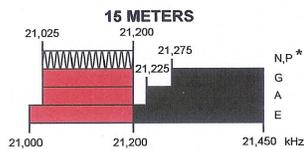
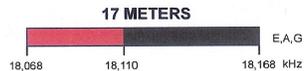
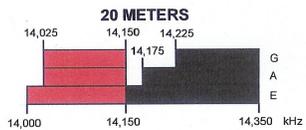
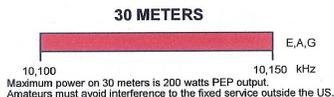
US Amateur Bands

ARRL The national association for AMATEUR RADIO

Effective Date December 15, 2006



† Phone and Image modes are permitted between 7075 and 7100 kHz for FCC licensed stations in ITU Regions 1 and 3 and by FCC licensed stations in ITU Region 2 West of 130 degrees West longitude or South of 20 degrees North latitude. See Sections 97.305(c) and 97.307(f)(1). Novice and Technician Plus licensees outside ITU Region 2 may use CW only between 7025 and 7075 kHz. See Section 97.301(e). These exemptions do not apply to stations in the continental US.



US AMATEUR POWER LIMITS

At all times, transmitter power should be kept down to that necessary to carry out the desired communications.

Power is rated in watts PEP output. Unless otherwise stated, the maximum power output is 1500 W.

Power for all license classes is limited to 200 W in the 10, 100-10, 150 kHz band. Novices and Technicians are restricted to 200 W below 28.5 MHz.

In addition, Novices are restricted to 25 W in the 222-225 MHz band and 5 W in the 1270-1295 MHz subband.

KEY

- = CW, RTTY and data
- = CW, RTTY, data, MCW, test, phone and image
- = CW, phone and image
- = CW and SSB phone
- = CW, RTTY, data, phone, and image
- = CW only
- = USB Phone only

- E = AMATEUR EXTRA
- A = ADVANCED
- G = GENERAL
- P = TECHNICIAN PLUS
- T = TECHNICIAN
- N = NOVICE

* Technicians who have passed the 5 wpm Morse code exam are indicated as "P".

** Geographical and power restrictions apply to all bands with frequencies above 420 MHz. See *The ARRL FCC Rule Book* for more information about your area.

*** 219-220 MHz allocated to amateurs on a secondary basis for fixed digital message forwarding systems only and can be operated by all licensees except Novices.

All licensees except Novices are authorized all modes on the following frequencies:

- 2300-2310 MHz
- 2390-2450 MHz
- 3300-3500 MHz
- 5650-5925 MHz
- 10.0-10.5 GHz
- 24.0-24.25 GHz
- 47.0-47.2 GHz
- 76.0-81.0 GHz
- 122.25-123.0 GHz
- 134-141 GHz
- 241-250 GHz
- All above 275 GHz



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orders@arrl.org
membership@arrl.org
newham@arrl.org
vec@arrl.org

FEATURE ARTICLE

FIELD DAY 2006 RESULTS UT (Utah) = 16 Entries

Club/Station QSO's Pwr Oprs Points Section

1A Battery (1 Transmitter; Club or Group; w/ more than 2 Ops) = 177 Entries

NC7X 779 Qrp 3 8,840 UT

W1RO 2 Qrp 3 170 UT

1A (1 Transmitter; Club or Group; w/ more than 2 Ops)

W7DRC 622 150w 11 1,996 UT

2A (2 Transmitters; Club or Group; w/ more than 2 Ops) = 484 Entries

Utah DX Assn K7UM (+ K7XV)

3934 150w 22 11,738 UT

Dixie Renegades WI7J

560 150w 8 1,870 UT

OGDEN ARC W7SU

601 150w 12 1,798 UT

Rainbow Canyon ARC N7BO

242 150w 10 804 UT

3A (3 Transmitters; Club or Group; w/ more than 2 Ops) = 287 Entries

Davis County ARC - K7DAV (+ N7CN)

1672 150w 75 6,074 UT

Utah Box Elder Thiokol - NE7P

321 150w 12 1,874 UT

4A (4 Transmitters; Club or Group; w/ more than 2 Ops) = 134 Entries

Utah ARC W7SP (+ N7KG)

1562 150w 11 5,406 UT

1B-1 (Portable Battery Operation; w/ 1 or 2 Ops) = 153 Entries)

WA7LNW 418 Qrp 1 4,330 UT

1B-1 (Portable Operation; w/ 1 or 2 Ops)

WB6FDY 184 150w 1 860 UT

NØKGM 95 150w 1 340 UT

1C (Mobile Operation) = 47 Entries

K9MWM 64 150w 2 228 UT

1D (Home Stations; Commercial Power) = 272 Entries

KJ7NO 44 150w 1 226 UT

1E (Home Stations; Emergency Power) = 180 Entries

K3SS 329 Qrp 2 3,290 UT

ANNOUNCEMENTS

Next Club Meeting:

3rd Sat December 16, 2006

- The Ogden Amateur Radio Club meetings are usually held on the 3rd **Saturday** of each month.
- **Time: 06:00 PM**
- **Location: Eastern Winds Buffet**

(see website for map)
- **Topic/Activity:**
OARC Family Dinner
- **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:

February 07, 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

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	CSEGR	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: James Clarke KD7SWL
Secretary: Joan Fullmer N7OLZ
Treasurer: Jim Southwick N7JS

Director #1: Charles Horn KD7SST
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

73 es cul de W7SU

www.OgdenArc.org