

WATTS NEWS



The Best of Amateur Radio

Welcome to the OARC Newsletter

www.OgdenArc.org

April 2005

Next Club Meeting: 3rd Saturday

April 16, 2005

Topic: Hamfest details & Satellite Comm "live" demo



Gary Liptrot N7ZI
President



Mary Hazard W7UE
Vice President



Jim Southwick N7JS
Secretary



Charles Horn KD7SST
Treasurer



Mike Fullmer KZ7O
Director #1



James Clarke KD7SWL
Director #2



Val Campbell K7HCP
Watts News Editor



Maggi Campbell N7HCP
Club Photographer

PREVIOUS CLUB MEETING

March 19, 2005



Our meeting was held at the **Weber Health Dept. Bldg. at 2570 Grant Ave - Ogden.** We had 37 people in attendance this meeting with the addition of some more new members. As has been stated, we are the fastest growing ARC in Utah (info provided by Mel Parks-AC7CP) and we appreciate all the support and participation from everyone. Thanks to Gary-N7ZI, we have made the sign up sheet easier for those who are already members and thanks to a table up front I didn't have to try to "herd cats" to get you all



to sign in!

This month's drawings included an antenna donated by Earle Sanders-NT7Y, an electronic stop watch donated by Jim Southwick-N7JS, 12 volt tester, crimpers, multi tool, and a box of connectors. I remember one of the people who filled out a drawing ticket reluctantly doing so saying "I never win anything" Guess what? He was a winner. Now that goes to show you, you just never know.

Our topic for this meeting was Dxing by Kay Hargis-N7KH. Kay gave a very informative and enjoyable presentation on all aspects of DXing. I especially enjoyed some of the analogies Kay gave. I'll list just a few below.

"DXing is like fishing - You catch a lot of the same fish (and have to toss them back) but you keep trying until you catch one you can keep (count)". "A new country on the frequency is

like someone yelling free beer. Just about everyone comes running".

"Work first, Worry Later". In other words, work the station right off the bat and then figure out if you need it, etc.

We learned the definition of a Country is it is separated by political entity or body of water. A few members in the club felt they had worked a new country. The extremely rare Antelope Island. Nice try. No go.



Kay also had some good books, awards and lists for visuals to go along with his presentation. If you are interested in getting your own award, be sure to visit the ARRL site at www.arrl.org/awards/dxcc/rules.html. This is for the DXCC which is one of the most popular DX awards.



Well, that's the wrap up for this month. As of this writing, **it looks like our next meeting will still be at the same location.** This has been a little up in the air due to a planned move of the Health Dept. soon. Also, our **Northern Utah Hamfest** is coming along nicely in the final planning stages - so be sure to mark it off in your calendar (**Saturday April 23, 2005**). We are really looking forward to having it again this year. For all the latest - be sure to check out all the links on our web site. Besides you are probably here already - reading this. :)

73 Jim Southwick N7JS

DX'ing - N7KH

URL's that Kay Hargis N7KH discussed at the March club meeting:

Daily DX from Bernie McClenny (2 week free email subscription): www.dailydx.com

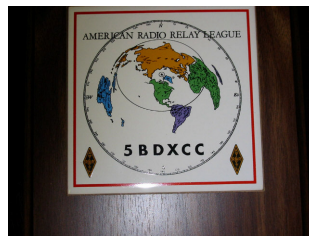
DXCC Countries List: www.arrl.org/awards/dxcc/#listings

DX Chat Reflector (to join): <http://njdx.org/dx-chat>

DXCC Rules: www.arrl.org/awards/dxcc/rules.html#sii

DX Summit (real time): <http://oh2aq.kolumbus.com/dxs/>

Other DX Info: www.dxpub.com



Is Ham Radio Dying Out?

Not according to the IARU at www.iru.org

The number of Amateur stations **worldwide**:

- 399,000 in 1965
- 1,511,000 in 1985
- 2,630,000 in 1995
- 2,789,720 in 2000

According to the FCC ULS database at <http://wireless.fcc.gov/uls/> as of April 2005 there are:

- 733,033 licensed Amateur Radio Operators in the **USA**
- 59,530 of which are **Vanity** Call Signs
- 10,308 Amateur Radio Operators live in the State of **Utah**

USA Amateur Radio population by "**Class**":

- 292,517 = Technician Class
- 57,628 = Technician Plus Class
- 34,788 = Novice Class
- 146,638 = General Class
- 82,920 = Advanced Class
- 109,075 = Extra Class

From The OM's Shack

Gary Liptrot N7ZI



Hi folks,

Well just as I was gaining momentum this year I ended up in the hospital for two days. I have been off work for a week and will be for the next week or so. I'll spare you all the gory details but briefly I had an infection in the back of my left thigh. The nasty wound will take a while to heal. Never fear however, I will be out to the meeting and the hamfest. That sounds like a threat to me, eh? ...B)

A lot is going on as we get deeper into spring and summer. I hope that everyone is up for the hamfest on the 23rd of April. I am excited about this event. We need you to come to this activity, bring your friends and be prepared to pitch in and help but also to have fun. If you have some radios or other electronic gems hidden away that need to be sold then bring them along and either swap them or sell them.

Also get your ideas together for Field Day in June. The club needs everyone to think about how we can best operate in a field environment. If you have camping equipment, trailers, generators, computers etc. that can help us operate more efficiently then let a board member know. This single activity will test this clubs operating skills and help you get ideas for you own shack.

Well, that's about it for now. If you are a Technician then keep hitting the books and code tapes. If you need help or have questions then give one of the board members a call. We would be more than happy to help.

Take care and I'll see you at the meeting.
73 de n7zi Gary

"Why buy something for ten bucks when you can make it for a hundred." JR

Biography - Director #2

Jim Clarke KD7SWL



Jim Clarke KD7SWL

James Clarke (KD7SWL) is the new Director #2 in charge of activities and public relations outside of club meetings.

I've been licensed for 2 years now and I am currently working on upgrading to General. I like to build electronic kits of any type, but I don't have very good luck with building from scratch with a schematic.

I work at Hill AFB as a Metrology Technician (not weather) in Avionic Test Station maintenance and repair. This job gives me great access to more modern test equipment and but unfortunately I don't get to use it for Ham Radio purposes. I can repair a lot of different old Test Equipment too since that is what the Air Force like to use. It wears out and breaks I get to beat the dead horse until it gets back up and moving again, i.e. lots of parts to cannibalize from other broken units.

My hobbies are many and expensive. I enjoy photography, playing piano, wood turning, recumbent bicycles (look my picture up on www.qrz.com), scouting, Roller Blading, and especially doing anything with my family. My XYL is Kimberly and we have 2 kids; Tyler, 9 years, and Monika, 7 years.

73, Jim Clarke KD7SWL

*Next month stay tuned for another OARC Officer/Member Biography.
It could be you!!!*

Next Club meeting - April 16, 2005

At the next OARC meeting we will be discussing the details of the upcoming Northern Utah Hamfest which will be held the following Saturday at the Browning Armory in South Ogden.

In addition Mike Fullmer and James Clarke will present information about communicating with Earth Satellites, Shuttles and Space Stations.

A "live" demo will also be attempted as satellite "FO-29" passes directly overhead during our meeting.

UPCOMING EVENTS

NORTHERN UTAH HAMFEST

Sponsored By
The Ogden Amateur Radio Club (OARC)

Location: Browning Armory, 625 E. 5300 S., South Ogden

Date: Saturday April 23, 2005

Start Time: 8:00 AM



Raffle

Grand Prize Icom IC-703 HF Radio

(Must be present to win)

Hourly door prizes

\$5 Entrance Donation \$10 Family (\$6/\$12 at the door) – includes
a ticket for all door prizes

Grand Prize Raffle Tickets: \$3 per ticket or two for \$5

Vendor Tables \$3

See www.ogdenarc.org for updates

Seminars and Vendors galore

UTAH HAMFEST

July 29-31, 2005

The Utah Hamfest and Rocky Mountain Division Convention will be held this year at Rubys Inn adjacent to Bryce Canyon National Park (one mile before the park). There is a website that has information about the event. www.utahhamfest.org

The web page is a work in progress and the information about prizes/speakers/seminars is updated as the information changes. The information about prices/registration etc. is fixed and complete.

John Mabey W7CWK Utah Hamfest publicity chairman (w7cwk@arrl.net)

CLUB NEWS

ARRL Membership (repeat notice)

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: [Charles Horn K7SST](#).



Club Badges now available (repeat notice)

OARC Club badges are now available for all club members and non-members also for \$8.00 each. Place your order along with \$8.00 in advance for each badge ordered and specify pin or magnet type fastener. Contact James Clarke KD7SWL.



And you thought you had Antenna Problems



N9RV Albany Indiana 140' tower after ice storm
CQ March 2005

AR HOBBY NEWS

The FCC Investigates Emergency Locator Transmitter Beacon

One of the most frequent complaints to the FCC for unauthorized transmission is the accidental activation of ELTs (Emergency Locator Transmitter). Authorities receive a fix on the location from a satellite which picks up the ELT beacon. The beacon will continue to operate for about 72 hours, giving Search and Rescue time to overfly the potential ELT site to determine how best to handle the situation.

There are three positions for the activation switch; OFF, ARMED which is used most of the time, and ON, which is used for testing and other maintenance functions. If a plane is bumped, lands too hard or if there is a short through the switch, the ARMED system will begin transmitting and generates an alarm.

Recently, in western Oregon, a county ARES got an alert that an ELT had gone off. The County Search and Rescue (SAR) ELT Tracker was taken out with the expectation of finding that one of the planes at the county airport had started transmitting on its own. The ham

operating the ELT tracker was the best around. While checking each airplane and helicopter at the airport, the SAR team checked in with the airport manager. The manager mentioned that there had recently been a rash of break-ins around the airport. All of a sudden the whole thing took on the air of more than a false alarm.

The signal was traced to an apartment complex about three miles from the airport. 911 was called and sheriff's deputies were requested to meet the SAR team to continue the search. The search, following the beacon, narrowed to one of the apartments. The deputies knocked on the door of the suspicious apartment and were invited in. A search of the apartment revealed the ELT and lots of other things believed to be stolen from the airport. The moral of the story is: ***Never steal an Emergency Locator Transmitter.*** They are too hard to hide.

CQ - January 2005

Tower vs. Tornado

In late December damage to the home of Amateur Radio educator Gordon West, WB6NOA, was damaged by a weather phenomena called a microburst, but later reports have pegged it as a small tornado - which are un common here in usually sunny Southern California. It was this weather pattern that spawned a small tornado that, among other things, that took down Gordo's tower, Ironically it was at a time when he was busy running a weather net on 2 Meters.

According to Gordo's wife Susan, they heard aloud thumping noise and then some windows

blew out. A quick inspection of their Cost_Mesa home showed that the tower had indeed fallen, part of the roof was missing and at least one window had its frame buckled and bent. Suzie' West told *Newsline* that the property across the street was also damaged, as were several other neighbors' homes.

Suzie West says that everyone is safe and Gordon strung up a temporary dipole to keep the family on the air.

ARNewsline, World Radio - March 2005

Pirates Invade 20 Meters

A popular international Ham band has been invaded by a pack of unlicensed stations. It is reported that a group of Australian pirate radio operators appear to have setup a voice net on low end of 20 Meters.

Operators, all appear to be short haul truck drivers who are using 14.000 MHz USB as a chat channel. The stations appear to be located in the coastal areas the Australian

states of Queensland or northern New South Wales and operate intermittently throughout the day.

20-meter operators are being asked to monitor 14.000 MHz. If you hear the pirates please report any information that might assist in identifying them.

ARNewsline, World Radio - March 2005

FCC to Retest Over 200 Hams

More than 200 hams who passed Technician exams at four test sessions in 1999 and 2000 will be required to take their tests again. FCC Special Counsel Riley Hollingsworth, K4ZDH, says letters went out in November to 26 hams who got their Tech tickets at W5YI-VEC coordinated test sessions in Yucaipa, California, on July 31, August 28 and

September 25, 1999, and February 26, 2000, and that approximately 190 additional letters would be sent out in the near future. Hollingsworth said the retest letters were being issued as a result of a review of the test sessions, but no additional details.

CQ - February 2005

FCC holds the line on Vanity call sign fee

The FCC has proposed retaining the current \$20.80 Amateur Radio vanity call sign regulatory fee for the 10-year license term. The fee went from \$16.30 to \$20.80 last August. In a *Notice of Proposed Rulemaking (NPRM)*, "Assessment and Collection of Regulatory Fees for Fiscal Year 2005" (MD Docket 05-59), the FCC says it's proposing to collect more than \$280 million in regulatory fees for fiscal year 2005, as mandated by Congress "to recover the regulatory costs

associated with the Commission's enforcement, policy and rulemaking, user information, and international activities." The FCC says it anticipates 8000 vanity call sign applications during FY2005, up from 7800 applications in FY2004. The FCC expects to raise \$166,443 from vanity call sign fees in FY2005. More [information](#) on vanity call signs is available on the ARRL Web site.

ARRL - February 2005

ANNOUNCEMENTS

Next Club Meeting: 3rd Saturday April 16, 2005

- Each meeting of the Ogden Amateur Radio Club is held on the 3rd Saturday of each month.
- Time: 9:00 AM (snacks provided)
- Location:

Health Department Building Auditorium
2570 Grant Ave Ogden Utah

This is on the corner of 26th and Grant west of Washington Blvd, NE corner of the street.

Enter through the East door on the North end of the building (parking lot side).

Parking is located on the North and East side of the building.

Talk in on 146.82- (123.0) <<down.
>> temp alternate 146.90- (123.0).

- Meeting Topics:
 - Hamfest details
 - Satellite Comm "live" demo

Check Oarc web page 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 April 23, 2005

- Exam sessions are held in Ogden every few months, *usually* the first Wednesday in February, June, and October.

Time: 10:00 am

- Pre-registration required for Hamfest Test Session

Location:

Northern Utah Hamfest
Browning Armory
625 E 5300 S
South Ogden, Utah

Contact:

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	123.0	Little Mtn (auto patch)
448.575-	OARC	100.0	Little Mtn

OTHER AREA REPEATERS			
FREQ	CLUB	TONE	LOCATION
146.620-	UARC	none	Farnsworth Pk
449.100-	UARC	146.2	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-	RACES	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
OARC	Ogdenarc.org	3 rd Saturday 9:00 am	Health Dept Bld Auditorium 2570 Grant Ave Ogden Utah
WC ARES		3 rd Saturday 11:00 am	Weber Co. Sheriff Complex West 12 th Street Ogden Utah
WsuArc	Arcweber.edu	3 rd Thursday 5:30 pm	WSU Blding #4 Room ? Ogden Utah
Barc	Barconline.org	2 nd Saturday 10:00 am	Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut
Ubet	27meg.co /~k7ub/	4th Thursday 6:30 pm	BE-Thiokol: 24 East 100 South Brigham City Utah
Dcarc	Dcarc.net	2 nd Saturday 10:00 am	Davis Co. Sheriff Complex Farmington Utah
CSERG	Dcarc.net /ares.htm/	Last Wednesday 8:30pm	Clearfield City Hall Clearfield Utah
Uarc	Xmission.com /~uarc/	1 st Thursday 7:30 pm	UofU EMC Bldg Room 101 Salt Lake City Utah
UvhfS	Ussc.com /~uvhfs/	Each Tuesday 8:00 pm (refer to web site)	Weekly 2 meter net (no eye ball meetings)

LOCAL AREA NETS

DATE	CLUB	FREQ
Daily @ 12:30 PM mst	Utah Beehive net HF	7.272 Mhz HF LSB
Daily @ 07:30 PM mst	Utah Code net HF	3.708 Mhz HF CW
Daily @ 08:00 PM mst	Utah Farm net HF	3.937 Mhz HF LSB
Sunday @ 7:30 PM	UBET ARC	145.430 - 123.0 (training net)
Sunday @ 9:00 PM	Morgan	147.060 = simplex
Sunday @ 9:00 PM	UARC Info net	146.620- no PL tone required
Tuesday @ 6:30 PM	Weber ARES	448.600 - 123.0
Tuesday @ 8:00 PM	VHF Society Swap	147.120 + 100.0
Tuesday @ 9:00 PM	Bridgerland ARC	147.720 - 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 net HF	28.313 Mhz HF USB
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	3.918 Mhz HF LSB 3 rd Saturday – odd months only
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz HF LSB

OARC OFFICERS

President: [Gary Liptrot N7ZI](#)
Vice Pres: [Mary Hazard W7UE](#)
Secretary: [Jim Southwick N7JS](#)
Treasurer: [Charles Horn KD7SST](#)

Director #1: [Mike Fullmer KZ7O](#)
Director #2: [Jim Clarke KD7SWL](#)

WATTS NEWS EDITOR

Editor: [Val Campbell K7HCP](#)
Photographer: [Maggi Campbell N7HCP](#)

OTHER CLUB FUNCTIONS

VE Liason: [Mary Hazard W7UE](#)
Repeater Engr: [Mike Fullmer KZ7O](#)
Webmaster: [Jim Clarke KD7SWL](#)
Alt Webmaster: [Val Campbell K7HCP](#)

73 es cul de W7SU

www.OgdenArc.org