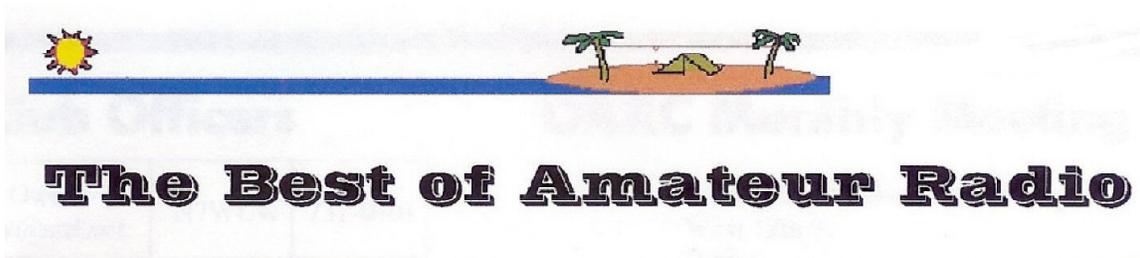




WATTS NEWS



The Best of Amateur Radio

Welcome to the OARC e-Magazine

www.OgdenArc.org

NOVEMBER 2011

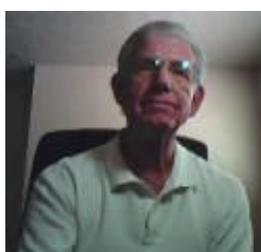
Next Club Meeting/Activity

3rd Saturday 19 November 2011

Topic: Electricity and the Electric Grid in the US by Chuck Moulton



Kim Owen K07U
President



Larry Griffin AD7GL
Vice President



Gary Hudman KB7FMS
Secretary



John Shupe K7DJO
Treasurer



Gil Leonard KF7KPL
Program Director



Jamie Howell KF7LQY
Activity Director



Val Campbell K7HCP
Webmaster/NL Editor

PREVIOUS CLUB MEETINGS

3rd Saturday 15 October 2011

Jim Brown, NA7G - Utah Section NTS Manager

Net Manager, Beehive Utah Net. First licensed in 1977 as WB7UJP. Upgraded to Extra, received present call in 1983. Joined the BUN in 1980, became an NCS in 1982, and began as NM in 1985 (years approximate).

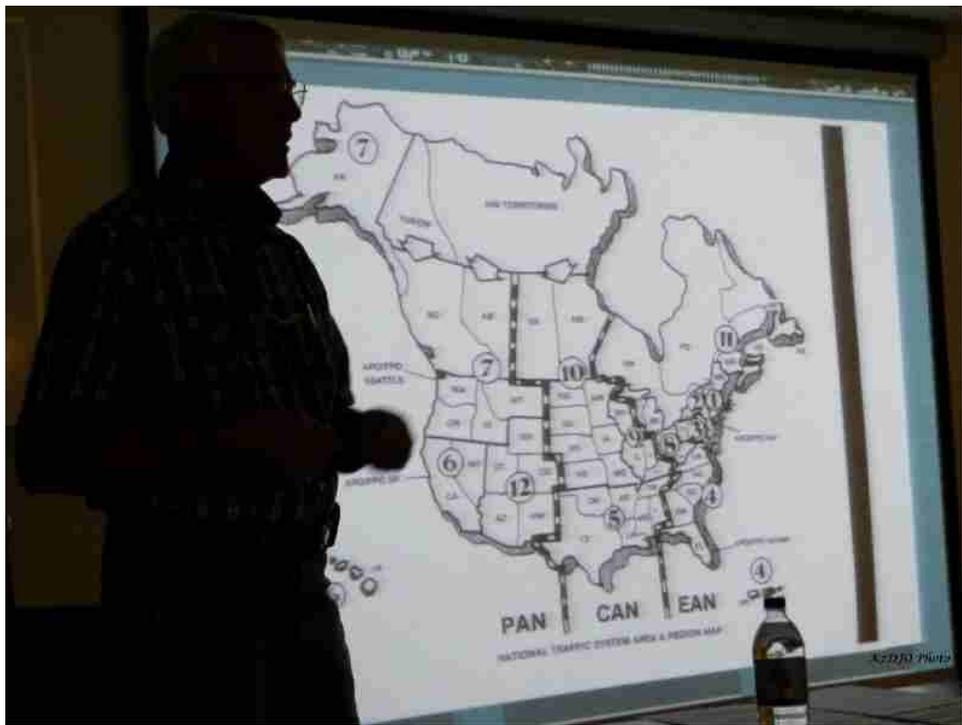
Served as President of the Davis County Amateur Radio Club, 2001. Other ARRL positions: Former Section Manager for 4 years, Utah Section. Former Section Emergency Coordinator. Presently, NM, BUN; NM, Utah Code Net; and Section Traffic Manager, Utah Section. Liaison to higher-level NTS nets at the Region and Area level. BA, Business Management, Kent State Univ.

Retired from Utah Department of Public Safety, Emergency Management (28 years). Served as Planner, Communications Officer, and Operations Officer over the years.

Outside interests include solar power, electronics, collecting old iron (Model A Ford, various John Deere 2 cylinder tractors, open flywheel engines).

Emails are welcome. Web site: www.beehiveutahnet.com 73, Jim





NEXT CLUB MEETING

When: 3rd Saturday 19 November 2011

Time: 9:00 AM

Location: Riverdale Fire Station

Topic: Electricity and the Electric Grid in the US by Chuck Moulton

Chuck has worked for Pacific Corp for the last 34 years and secured special permission to address our Club.

Chuck's dad worked as a Hydro Plant Operator.

It was his dad who introduced power generation and transmission when he was just 4 or 5 years old.

His interest in transmission grids and other generation alternatives continues today.

"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**.

FROM KIM'S SHACK



Kim Owen KOTU - President

CQ ALL Members and Friends of OARC

It is November already! So many things are occurring the month; Thanksgiving, Black Friday and the start to the Christmas season. And perhaps a day that is most overlooked is Veterans Day. It will be a reflective day at me house because my son is serving in the Army in Iraq. Three of the last four years he has been in the Persian Gulf area in the Army. Thanks Zach and THANKS to all of the VETS out there!

At my house Thanksgiving is the family's favorite holiday. We all help make part of the meal. We talk; we play games and spend good time together. Make sure this season that you remember what is important.

In the world of amateur radio, November is sweepstakes. CW SS on November 5th and Phone SS on November 19th. SS is only second to Field-day in terms of radio fun! I'm not a contester; I usually only work a couple of hours, but the time goes so fast. You don't have to be a contester to have fun. Make a couple of contacts; throw them a "bone".

I am looking forward to Club meeting this month. I think most of us have tried to operate on alternative power sources, such as, batteries and generators. Our repeaters at Little Mountain operate of solar panels and batteries. I had the opportunity to operate with a hydrogen fuel cell at a Field-day event one year. Everyone's primary source of power is AC or commercial power.

This month we have Chuck Moulton for Pacific Corp that will be speaking to us. He is a great speaker! His topic for our meeting will be "Electricity and the Electric Grid in the US".

I hope to see you there!

For now,

73 de Kim/KOTU

CLUB NEWS

FIELD DAY 2011 RESULTS

CALL	CLASS	POINTS	CLUB
W7SP	2A	4434	UARC (SLC)
W7SU	2A	1656	Ogden ARC
W7SUR	2A	570	Skyline RC
K7DAV	3A	4828	DCARC (Davis CO)
K7GL	3A	2498	Washatch Back
K7UM	4A	16668	Utah DX Assn
K7UB	4A	2368	Golden Spike
KD7SWL	1D	46	James Clarke

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.

HOBBY NEWS

FCC Issues Notice of Apparent Liability for Forfeiture and Order to Florida Man for Using Unauthorized Equipment

ARRL - 11/02/2011

Michael Perry, of Cross City, Florida, was issued a [Notice of Apparent Liability for Forfeiture](#) in the amount of \$10,000 for operating a radio transmitter without the requisite FCC authorization. The FCC found that Perry "willfully violated section 301 of the Communications Act of 1934, as amended and Sections [95.409](#) and [95.411](#) of the Commission's rules."

In response to a complaint of interference, agents from the Enforcement Bureau's Tampa Office used direction-finding techniques on March 31, 2011 to locate the source of the interference to a signal on Citizens Band channel 28 (27.2850 MHz) that was coming from Perry's residence. The same day, agents from the Tampa Office inspected Perry's CB station, which he admitted to using earlier that day. The agents observed a non-certificated CB transmitter and three linear amplifiers as part of Perry's CB station. Perry admitted to the agents that two of the three linear amplifiers were capable of generating a power output of 200 W and 1500 W respectively, and that he had never tested the third. The agents observed that the transmitter and two of the amplifiers were warm to the touch, indicating that the devices had been recently operated.

Section 301 of the Communications Act states that no person shall use or operate any apparatus for the transmission of energy or communications or signals by radio within the United States except under and in accordance with the Act and with a license. [Section 95.404](#) of the Rules states that CB operators are not required to have individual licenses because they are authorized by this rule to operate a CB station, provided, however, that they operate the station in accordance with [Subpart D of Part 95 of the Rules](#). Operation of CB stations in a manner that is inconsistent with the CB Rules requires a license pursuant to Section 301 of the Act. [Section 95.409\(a\)](#) of the Rules states that CB operators must use FCC certificated CB transmitters at their CB stations and the use of a transmitter that is not FCC certificated voids the authority to operate the station.

During the inspection of Perry's CB station, he admitted to the agents that he used the noncertificated CB transmitter. Because Perry operated a non-certificated CB transmitter, he no longer had authority to operate the CB station. "As a result, due to Mr Perry's conscious operation of a noncertificated CB transmitter, we find the apparent violation willful," the Notice read. "Based on the evidence before us, we find that Mr Perry apparently willfully violated section 301 of the Communications Act and [Section 95.409](#) of the Rules by operating an unlicensed and non-certificated CB transmitter."

[Section 95.411\(a\)](#) of the Rules states that CB operators may not attach external radio frequency power amplifiers (sometimes called "linears" or "linear amplifiers") to certificated CB transmitters in any way. Section 95.411(b) of the Rules states that there are no exceptions to this rule and that use of a power amplifier voids the authority to operate the station. "During the inspection of Mr Perry's CB station on March 31, 2011, Mr Perry admitted using two of the three linear amplifiers observed next to his non-certificated CB transmitter. The agents observed that the two amplifiers were warm to the touch during the inspection, indicating that they were recently operated. Because Mr Perry operated his CB station with two linear amplifiers attached, he no longer had the authority to operate the CB station. Because he consciously operated with unauthorized amplifiers, we find that the apparent violation was willful. Therefore, based on the evidence before us, we find that Mr Perry apparently willfully violated Section 301 of the Communications Act and [Section 95.411](#) of the Rules by operating an unlicensed radio transmitter with two amplifiers."

The FCC directed Perry to submit a statement, signed under penalty of perjury, that to the extent he is engaged in CB operations, he is using a certified CB transmitter and has not attached any linear amplifiers to his CB station. Perry has until December 1, 2011 to submit his statement, as well as his payment of the forfeiture (or a written statement seeking reduction or cancellation of the forfeiture). Failure to comply with these requirements could subject the Perry to additional enforcement action.

GUEST ARTICLE

You Can Enjoy Contests Even If You're Not a Contester

By Dan Romanchik, KB6NU

I often talk to guys who say that they're not testers. Some even go so far as to say that they hate contests. I'm really not a tester, either, but I do enjoy operating them from time to time. There are several ways to enjoy amateur radio contests even if you're not a "tester."

This weekend, for example, the CQ World-Wide (CQWW) SSB DX contest was being held. As usual for a Saturday morning, I was down at WA2HOM (www.wa2hom.org), our club station at the Ann Arbor Hands-On Museum (www.aahom.org). Now, the museum is only open from 10am - 5pm on Saturdays, so there's no way I'm going to score very highly in the contest, but I still decided to participate.

What I did was take advantage of the contest activity to add countries to our DXCC list. Over two hours of operation, I managed to make 63 contacts, including at least five new countries. The new countries that I added to our log included Iceland, Northern Ireland, Scotland, the Cayman Islands, and Madeira Island.

None of these is rare DX, but for whatever reason, we hadn't worked them before. Now, we have. In addition, some of the big testers will travel to exotic locales and operate from places that normally have no or few ham radio operators. Contests are good opportunities to get those countries in your log.

Operating in a contest is also a good test of your radio and antennas. It's true that contest signal reports are basically meaningless, but if DX stations regularly hear you on your first or second call, then chances are your antennas are working well. If they're continually asking for repeats or never hear you at all, it's a good bet that you need to do some antenna work.

Working a contest can also improve your operating skills. In a CW contest, for example, the good ops are generally operating at 25+ words per minute. That's OK, though, because it forces you to copy that fast, and because you know what the exchange format is, you pretty much know what characters to expect. Try it sometime. You'll be surprised at how fast you can copy during a contest and how much your CW speed improves.

If none of the above reasons convince you, and you're still a bit apprehensive about jumping into one of the bigger contests, let me suggest that you try one of the smaller contests. State QSO parties, for example, are a lot more laid back than say the ARRL Sweepstakes. The CW speeds are a lot lower and the phone contacts are a lot less intense. You may even learn something about a particular state's geography. You will for sure learn a lot of county names.

It's all about having fun. And you can have fun in a contest, even if you don't have the time or the equipment to be competitive.

When not worrying about the proper county code for Goochland County, Virginia, Dan blogs about ham radio at www.kb6nu.com, teaches ham classes, and ragchews on 30m and 40m CW. You can e-mail him with comments or questions at cwgeek@kb6nu.com.

FEATURE ARTICLE

Boy Scout Jamboree on the Air

By Kent Gardner, WA7AHY

The acronym for Jamboree on the Air is JOTA. This event for the scouting program is sponsored by the American Radio Relay League (ARRL). JOTA has been a yearly event since 1958. Boy Scouts, Girl Scouts and Guides speak to each other all over the world by means of ham radio. Some Scouts already hold amateur radio licenses, but the majority of activity comes from volunteer ham operators.

The idea is for hams to open their radio shacks to neighborhood scouts. The participants watch movies about ham radio and then they get on the radio to try to talk to other scouts on local repeaters and all over the country and world on the high frequency bands. JOTA is held the third weekend in October. It starts that Saturday at 0000 hour local time and goes to Sunday at 2359 hours.

The following brief narrative shows how it was done in the Ogden area this year of 2011.



Here I pointed out the different antennas that feed into my ham shack. I converted a garden shed into my shack.

I made my shack available on that Saturday from 1:00 PM to 5:00 PM. Gilbert Leonard, KF7KPL volunteered to provide support and two-deep leadership. Gil brought his pickup and showed off his mobile rig to the two scouts who attended. Larry Griffin, AD7GL an Ogden Amateur Radio Club (OARC) member was nice enough to hang around the club's 146.90 - Little Mountain Repeater during the afternoon hours. Gil established contact with Larry and then each scout was able to talk on the radio. They gave their names and what troop they belonged to and also gave their scout rank. There was some mike fright to begin with.





Here Ben Thompson and I are listening to some activity on the ham bands. The transceiver is a Kenwood TS-2000 that is showing the blue dial window.



Jeremy Zanchanella gets the chance to talk to a ham located just outside of Dallas, Texas. By this time some of the mike fright wore off and they were able to communicate in a more comfortable manner. Besides scouts Jeremy and Ben they were accompanied by two of their leaders Dan Mauchley and Carl Blake.

We also heard an Alaska station calling for JOTA contacts, but conditions weren't good enough to make a go of it. We spent more than two hours in the activity. Both passed off about one-half of the requirements for the Radio Merit Badge, of which I am a counselor.

The photographs were a result of Gil and me snapping pictures of each other. The group was Troop 167 from South Ogden. Scouting is fun and we certainly had lots of it that day.

TNX

Kent Gardner, WA7AHY

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday 19 November 2011

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

- **Time: 9:00 AM**

- **Location: Riverdale Fire Station**

- **Topic:** Electricity and the Electric Grid in the US by Chuck Moulton

- **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 01 February 2012

- 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)

Richard Morrison

w7rik@yahoo.com (801-791-9364)

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: Larry Griffin AD7GL

Secretary: Gary Hudman WB7FMS

Treasurer: John Shupe K7DJO

Program Director:
Gil Leonard KF7KPL

Activity Director:
Jamie Howell KF7LQY

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

OTHER CLUB APPOINTMENTS

Webmaster: Val Campbell K7HCP

Historian/Librarian: 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 and
Richard Morrison W7RIK

73 es cul de W7SU

www.OgdenArc.org